

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of COACHELLA COMMUNICATIONS, LLC, licensee of Class A digital television station KPOM-CD, Channel 45 in Ontario, Canada, in support of its Application for Construction Permit to specify operation on its post-repack channel, Channel 27, from the site specified in the station's outstanding construction permit (File Number 0000016113).

It is proposed to mount a Dielectric elliptically-polarized directional slotted cylinder antenna at the 29-meter level of an existing 37.5 meter tower. The proposed effective radiated power for the facility is 0.36 kW in horizontal plane. Exhibit B is a map upon which the predicted 51 dBu service contour is plotted. It is important to note that the proposed facility does not specify a significant (greater than 1 percent) increase in contour distance beyond that which is allotted to KPOM-CD on repack Channel 27.

Elevation and azimuth pattern data for the proposed Dielectric 4-bay antenna appear in Exhibit C. Since the facility proposed herein specifies a new site, an interference study is included herein as Exhibit D. A cell size of 2 kilometers and an increment spacing of 1 kilometer were used in our study, which concludes that the proposed facility will not cause significant interference to any full-power co-channel or adjacent-channel facility. A detailed power density calculation is provided in Exhibit E.

Since no change in the overall height or location of the existing tower is proposed herein, the Federal Aviation Administration has not been notified of this application. In addition, the Federal Communications Commission issued Antenna Structure Registration Number 1018937 to this tower.

EXHIBIT A

I declare under penalty of perjury that the foregoing statements and the attached exhibits, which were prepared by me or under my immediate supervision, are true and correct to the best of my knowledge and belief.

A handwritten signature in blue ink, appearing to read "K. T. Fisher". The signature is stylized with a large "K", a small "T", and a long horizontal line for the "F".

KEVIN T. FISHER

July 11, 2017

**CONTOUR POPULATION
2015 U.S. CENSUS DATA
2,470,685 (771,132 HH)**



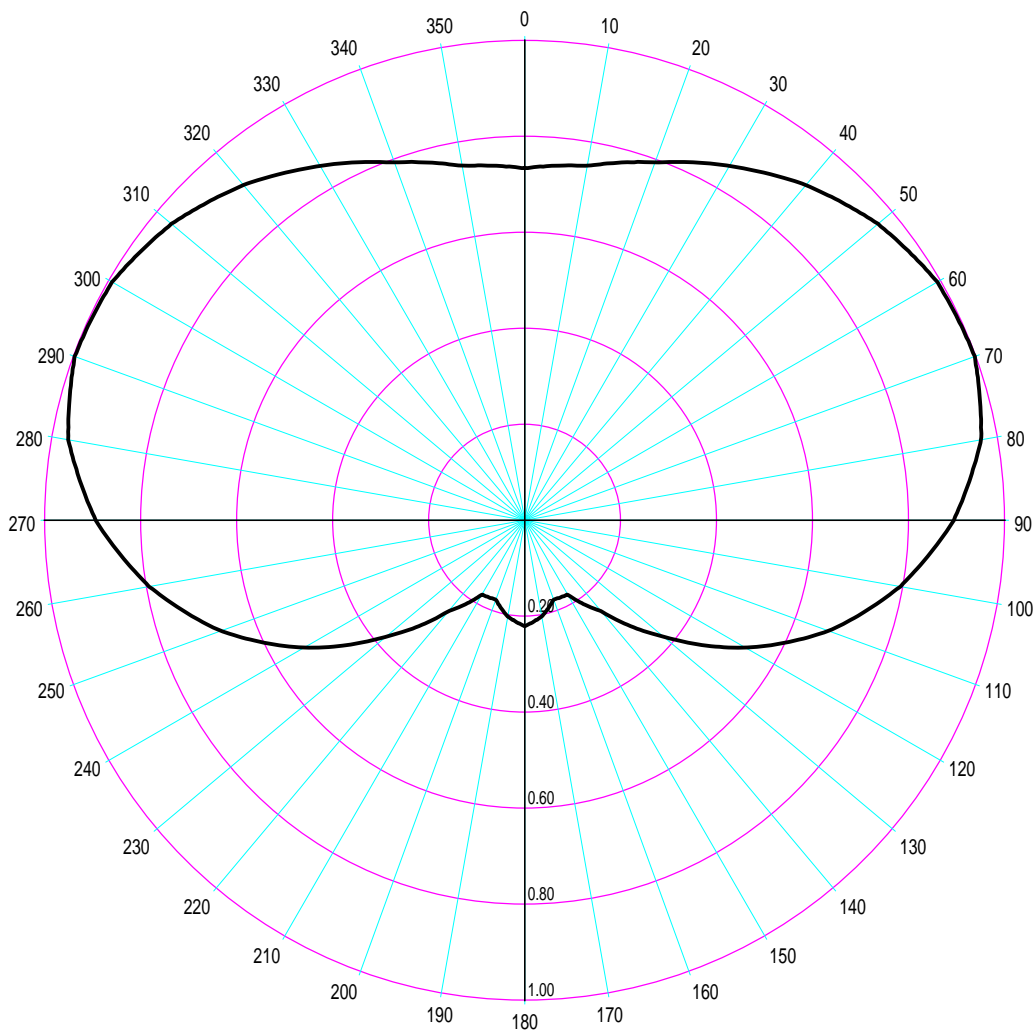
**FCC 51 DBU
SERVICE CONTOUR**



Scale 1:450,000

0 4 8 12 mi

**EXHIBIT B
PREDICTED SERVICE CONTOUR
PROPOSED KPOM-CD
CH. 27 - ONTARIO, CALIFORNIA**



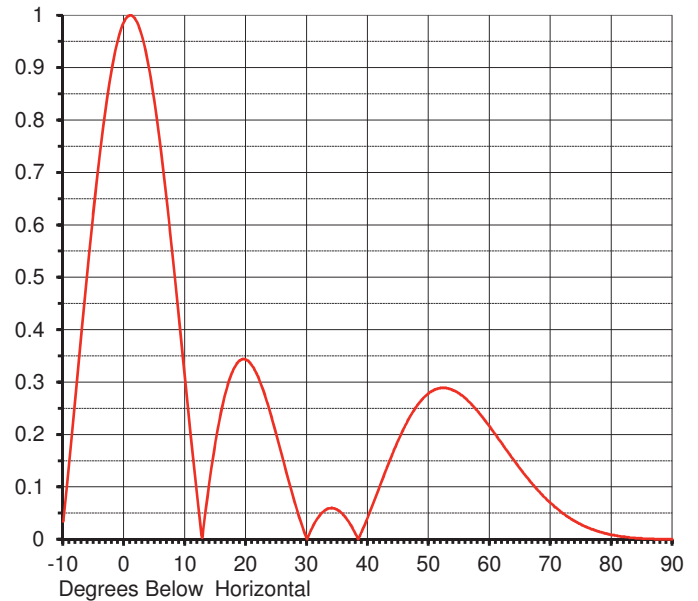
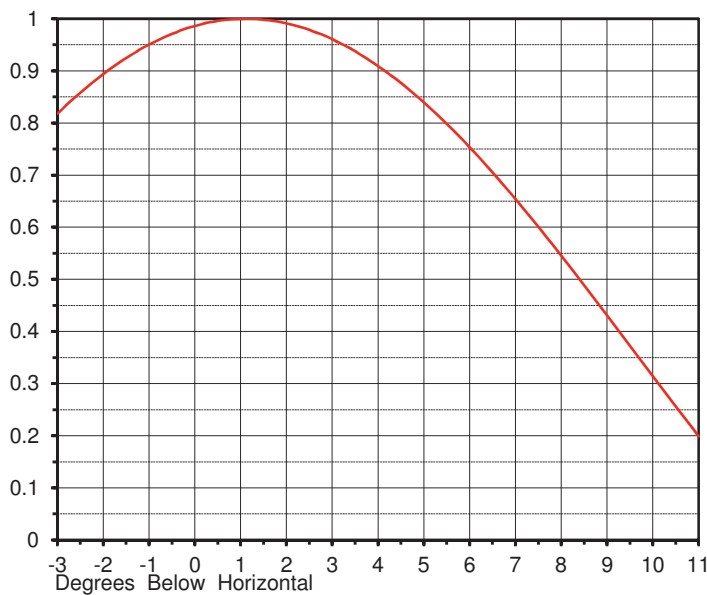
Azim	Rel.FS	ERP [W]	dBk	Azim	Rel.FS	ERP [W]	dBk	Azim	Rel.FS	ERP [W]	dBk	Azim	Rel.FS	ERP [W]	dBk
0.0	0.734	288.234	-5.403	90.0	0.894	427.591	-3.690	180.0	0.221	26.130	-15.829	270.0	0.894	427.591	-3.690
5.0	0.742	294.552	-5.308	95.0	0.844	381.100	-4.190	185.0	0.212	24.045	-16.190	275.0	0.930	462.722	-3.347
10.0	0.750	300.938	-5.215	100.0	0.795	338.133	-4.709	190.0	0.204	22.265	-16.524	280.0	0.966	499.238	-3.017
15.0	0.772	318.851	-4.964	105.0	0.734	288.234	-5.403	195.0	0.190	19.314	-17.141	285.0	0.982	515.913	-2.874
20.0	0.794	337.283	-4.720	110.0	0.674	243.038	-6.143	200.0	0.176	16.572	-17.806	290.0	0.998	532.862	-2.734
25.0	0.823	362.371	-4.408	115.0	0.602	193.886	-7.125	205.0	0.177	16.761	-17.757	295.0	0.995	529.663	-2.760
30.0	0.853	389.271	-4.097	120.0	0.531	150.849	-8.215	210.0	0.179	17.142	-17.659	300.0	0.993	527.536	-2.777
35.0	0.882	416.189	-3.807	125.0	0.454	110.272	-9.575	215.0	0.213	24.272	-16.149	305.0	0.977	510.673	-2.919
40.0	0.912	444.983	-3.517	130.0	0.377	76.039	-11.190	220.0	0.247	32.640	-14.863	310.0	0.961	494.084	-3.062
45.0	0.936	468.711	-3.291	135.0	0.312	52.079	-12.833	225.0	0.312	52.079	-12.833	315.0	0.936	468.711	-3.291
50.0	0.961	494.084	-3.062	140.0	0.247	32.640	-14.863	230.0	0.377	76.039	-11.190	320.0	0.912	444.983	-3.517
55.0	0.977	510.673	-2.919	145.0	0.213	24.272	-16.149	235.0	0.454	110.272	-9.575	325.0	0.882	416.189	-3.807
60.0	0.993	527.536	-2.777	150.0	0.179	17.142	-17.659	240.0	0.531	150.849	-8.215	330.0	0.853	389.271	-4.097
65.0	0.995	529.663	-2.760	155.0	0.177	16.761	-17.757	245.0	0.602	193.886	-7.125	335.0	0.823	362.371	-4.408
70.0	0.998	532.862	-2.734	160.0	0.176	16.572	-17.806	250.0	0.674	243.038	-6.143	340.0	0.794	337.283	-4.720
75.0	0.982	515.913	-2.874	165.0	0.190	19.314	-17.141	255.0	0.734	288.234	-5.403	345.0	0.772	318.851	-4.964
80.0	0.966	499.238	-3.017	170.0	0.204	22.265	-16.524	260.0	0.795	338.133	-4.709	350.0	0.750	300.938	-5.215
85.0	0.930	462.722	-3.347	175.0	0.212	24.045	-16.190	265.0	0.844	381.100	-4.190	355.0	0.742	294.552	-5.308

ELEVATION PATTERN

Proposal No. **C-70917-2**
 Date **27-Jun-17**
 Call Letters **KPOM**
 Channel **27**
 Frequency **551 MHz**
 Antenna Type **TLP-4J SP**

RMS Directivity at Main Lobe **4.0 (6.02 dB)**
 RMS Directivity at Horizontal **3.9 (5.91 dB)**
Calculated

Beam Tilt **1.00 deg**
 Pattern Number **04L040100**



Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.034	10.0	0.303	30.0	0.000	50.0	0.279	70.0	0.069
-9.0	0.151	11.0	0.188	31.0	0.026	51.0	0.286	71.0	0.059
-8.0	0.273	12.0	0.079	32.0	0.044	52.0	0.289	72.0	0.049
-7.0	0.397	13.0	0.022	33.0	0.056	53.0	0.288	73.0	0.041
-6.0	0.517	14.0	0.111	34.0	0.060	54.0	0.284	74.0	0.034
-5.0	0.632	15.0	0.188	35.0	0.056	55.0	0.278	75.0	0.028
-4.0	0.736	16.0	0.249	36.0	0.046	56.0	0.269	76.0	0.023
-3.0	0.826	17.0	0.295	37.0	0.030	57.0	0.257	77.0	0.018
-2.0	0.900	18.0	0.326	38.0	0.009	58.0	0.244	78.0	0.014
-1.0	0.955	19.0	0.341	39.0	0.015	59.0	0.230	79.0	0.011
0.0	0.988	20.0	0.343	40.0	0.043	60.0	0.215	80.0	0.008
1.0	1.000	21.0	0.331	41.0	0.073	61.0	0.199	81.0	0.006
2.0	0.989	22.0	0.309	42.0	0.103	62.0	0.182	82.0	0.005
3.0	0.956	23.0	0.278	43.0	0.133	63.0	0.166	83.0	0.003
4.0	0.903	24.0	0.240	44.0	0.163	64.0	0.150	84.0	0.002
5.0	0.832	25.0	0.198	45.0	0.190	65.0	0.134	85.0	0.001
6.0	0.744	26.0	0.154	46.0	0.214	66.0	0.119	86.0	0.001
7.0	0.644	27.0	0.111	47.0	0.236	67.0	0.105	87.0	0.000
8.0	0.534	28.0	0.069	48.0	0.254	68.0	0.092	88.0	0.000
9.0	0.419	29.0	0.032	49.0	0.268	69.0	0.080	89.0	0.000
								90.0	0.000

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tvstudy v2.2.2
Database: localhost, Study: CA ONTARIO 27 BOX 360W, Model: Longley-Rice
Start: 2017.06.07 12:21:08

Study created: 2017.06.07 12:21:00

Study build station data: LMS TV 2017-05-08 (3)

Proposal: KPOM-CD D27 DC CP ONTARIO, CA
File number: CA ONTARIO 27 BOX 360W
Facility ID: 191793
Station data: User record
Record ID: 171
Country: U.S.

Stations potentially affected:

Call	Chan	Svc	Status	City, State	File Number	Distance
KUVI-DT	D26	DT	BL	BAKERSFIELD, CA	DTVBL7700	211.6 km
KMIR-TV	D26	DT	BL	PALM SPRINGS, CA	DTVBL16749	78.8
KSWB-TV	D26	DT	BL	SAN DIEGO, CA	DTVBL58827	144.2
KGMC	D27	DT	BL	CLOVIS, CA	DTVBL23302	358.8
KVER-CD	D27	DC	BL	INDIO, CA	DTVBL69753	78.9
KEYT-TV	D27	DT	LIC	SANTA BARBARA, CA	BLCDT20061102ABJ	253.9
KSKJ-CD	D27	DC	BL	VAN NUYS, CA	DTVBL36717	115.4
KCET	D28	DT	LIC	LOS ANGELES, CA	BLEDT20090615AD0	77.7
KCET	D28	DT	APP	LOS ANGELES, CA	BMPEDT20090206ACI	77.7
KESQ-TV	D28	DT	BL	PALM SPRINGS, CA	DTVBL25577	78.6

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D27
Mask: Full Service
Latitude: 33 57 41.80 N (NAD83)
Longitude: 117 16 50.30 W
Height AMSL: 969.0 m
HAAT: 0.0 m
Peak ERP: 0.360 kW
Antenna: AND-ALP4L1-HSPR (ID 16949) 52.0 deg

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.337 kW	594.9 m	44.6 km
45.0	0.200	435.8	37.4
90.0	0.292	306.4	35.4
135.0	0.321	473.3	41.4

180.0	0.060	473.3	31.3
225.0	0.016	510.4	25.1
270.0	0.020	695.0	29.1
315.0	0.245	655.6	43.6

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 518 m

Proposal service area is within baseline plus 1.0%
Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 1667.2 km

**Proposal is within coordination distance of Mexican border
Distance to Mexican border: 153.5 km

Conditions at FCC monitoring station: Livermore CA
Bearing: 317.4 degrees Distance: 580.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 53.8 degrees Distance: 1265.9 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 DTVBL7700 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL16749 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL58827 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL23302 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL69753 BL, scenario 1

Desired:	Call KVER-CD	Chan D27	Svc DC	Status BL	City, State INDIO, CA	File Number DTVBL69753	Distance
Undesireds:	KPOM-CD	D27	DC	BL	ONTARIO, CA	DTVBL191793	52.9 km
	KPOM-CD	D27	DC	CP	ONTARIO, CA	CA ONTARIO 27 BOX 360W	78.9
	KMIR-TV	D26	DT	BL	PALM SPRINGS, CA	DTVBL16749	0.1
	KSWB-TV	D26	DT	BL	SAN DIEGO, CA	DTVBL58827	138.1
	KEYT-TV	D27	DT	LIC	SANTA BARBARA, CA	BLCDT20061102ABJ	332.3
	KSKJ-CD	D27	DC	BL	VAN NUYS, CA	DTVBL36717	193.4
	KESQ-TV	D28	DT	BL	PALM SPRINGS, CA	DTVBL25577	0.3
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
7061.2 587,229		4965.3 444,662		4893.1 436,322		4897.2 436,759	-0.08 -0.10
Undesired		Total IX		Unique IX, before		Unique IX, after	
KPOM-CD D27 DC BL		28.1 4,813		20.1 4,813			
KPOM-CD D27 DC CP		28.1 4,376				16.0 4,376	
KMIR-TV D26 DT BL		36.1 27		8.0 27		12.0 27	
KESQ-TV D28 DT BL		40.1 3,500		12.0 3,500		8.0 3,500	

Interference to DTVBL69753 BL, scenario 2

Desired:	Call KVER-CD	Chan D27	Svc DC	Status BL	City, State INDIO, CA	File Number DTVBL69753	Distance
Undesireds:	KPOM-CD	D27	DC	BL	ONTARIO, CA	DTVBL191793	52.9 km
	KPOM-CD	D27	DC	CP	ONTARIO, CA	CA ONTARIO 27 BOX 360W	78.9
	KMIR-TV	D26	DT	BL	PALM SPRINGS, CA	DTVBL16749	0.1
	KSWB-TV	D26	DT	BL	SAN DIEGO, CA	DTVBL58827	138.1
	KEYT-TV	D27	DT	LIC	SANTA BARBARA, CA	BLCDT20061102ABJ	332.3
	KSKJ-CD	D27	DC	BL	VAN NUYS, CA	DTVBL36717	193.4
	KESQ-TV	D28	DT	BL	PALM SPRINGS, CA	DTVBL25577	0.3
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
7061.2 587,229		4965.3 444,662		4893.1 436,322		4897.2 436,759	-0.08 -0.10
Undesired		Total IX		Unique IX, before		Unique IX, after	
KPOM-CD D27 DC BL		28.1 4,813		20.1 4,813			
KPOM-CD D27 DC CP		28.1 4,376				16.0 4,376	
KMIR-TV D26 DT BL		36.1 27		8.0 27		12.0 27	
KESQ-TV D28 DT BL		40.1 3,500		12.0 3,500		8.0 3,500	

Interference to BLCDT20061102ABJ LIC, scenario 1

Desired:	Call KEYT-TV	Chan D27	Svc DT	Status LIC	City, State SANTA BARBARA, CA	File Number BLCDT20061102ABJ	Distance
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Undesireds:	KPOM-CD	D27	DC	BL	ONTARIO, CA	DTVBL191793	279.9 km
	KPOM-CD	D27	DC	CP	ONTARIO, CA	CA ONTARIO 27 BOX 360W	253.9
	KUVI-DT	D26	DT	BL	BAKERSFIELD, CA	DTVBL7700	150.4
	KGMC	D27	DT	BL	CLOVIS, CA	DTVBL23302	254.2
	KVER-CD	D27	DC	BL	INDIO, CA	DTVBL69753	332.3
	KSKJ-CD	D27	DC	BL	VAN NUYS, CA	DTVBL36717	138.9
	KCET	D28	DT	LIC	LOS ANGELES, CA	BLEDT20090615ADO	177.1
	KVMM-CD	D28	DC	BL	SANTA BARBARA, CA	DTVBL18741	26.6

Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
39206.2	1,419,564	30933.6	1,239,577	30308.8	1,225,534	30320.8	1,229,006	-0.04 -0.28

Undesired			Total IX		Unique IX, before		Unique IX, after	
KPOM-CD D27 DC BL	12.0		3,472		12.0	3,472		
KPOM-CD D27 DC CP	0.0		0		0.0	0		
KUVI-DT D26 DT BL	19.9		7		11.9	7		
KGMC D27 DT BL	135.9		808		131.8	808		
KCET D28 DT LIC	43.8		8,816		39.9	8,816		
KVMM-CD D28 DC BL	421.2		940		421.2	940		

Interference to BLCDT20061102ABJ LIC, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KEYT-TV	D27	DT	LIC	SANTA BARBARA, CA	BLCDT20061102ABJ	
Undesireds:	KPOM-CD	D27	DC	BL	ONTARIO, CA	DTVBL191793	279.9 km
	KPOM-CD	D27	DC	CP	ONTARIO, CA	CA ONTARIO 27 BOX 360W	253.9
	KUVI-DT	D26	DT	BL	BAKERSFIELD, CA	DTVBL7700	150.4
	KGMC	D27	DT	BL	CLOVIS, CA	DTVBL23302	254.2
	KVER-CD	D27	DC	BL	INDIO, CA	DTVBL69753	332.3
	KSKJ-CD	D27	DC	BL	VAN NUYS, CA	DTVBL36717	138.9
	KCET	D28	DT	APP	LOS ANGELES, CA	BMPEDT20090206ACI	177.1
	KVMM-CD	D28	DC	BL	SANTA BARBARA, CA	DTVBL18741	26.6

Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
39206.2	1,419,564	30933.6	1,239,577	30296.8	1,216,441	30308.8	1,219,913	-0.04 -0.29

Undesired			Total IX		Unique IX, before		Unique IX, after	
KPOM-CD D27 DC BL	12.0		3,472		12.0	3,472		
KPOM-CD D27 DC CP	0.0		0		0.0	0		
KUVI-DT D26 DT BL	19.9		7		11.9	7		
KGMC D27 DT BL	135.9		808		131.8	808		
KCET D28 DT APP	55.8		17,909		51.8	17,909		
KVMM-CD D28 DC BL	421.2		940		421.2	940		

Interference to DTVBL36717 BL, scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance
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Desired:	KSKJ-CD	D27	DC	BL	VAN NUYS, CA	DTVBL36717	
Undesireds:	KPOM-CD	D27	DC	BL	ONTARIO, CA	DTVBL191793	140.9 km
	KPOM-CD	D27	DC	CP	ONTARIO, CA	CA ONTARIO 27 BOX 360W	115.4
	KGMC	D27	DT	BL	CLOVIS, CA	DTVBL23302	283.3
	KVER-CD	D27	DC	BL	INDIO, CA	DTVBL69753	193.4
	KEYT-TV	D27	DT	LIC	SANTA BARBARA, CA	BLCDT20061102ABJ	138.9
	KCET	D28	DT	LIC	LOS ANGELES, CA	BLEDT20090615ADO	38.2
	KVMM-CD	D28	DC	BL	SANTA BARBARA, CA	DTVBL18741	112.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
1220.4	3,009,088	827.9	1,657,688	791.9	1,640,871	795.9	1,640,875	-0.51	-0.00
Undesired		Total IX		Unique IX, before		Unique IX, after			
KPOM-CD	D27 DC BL	8.0	3,421	4.0	4				
KPOM-CD	D27 DC CP	0.0	0			0.0	0		
KEYT-TV	D27 DT LIC	24.0	7,565	24.0	7,565	24.0	7,565		
KCET	D28 DT LIC	8.0	9,248	4.0	5,831	8.0	9,248		

Interference to DTVBL36717 BL, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KSKJ-CD	D27	DC	BL	VAN NUYS, CA	DTVBL36717	
Undesireds:	KPOM-CD	D27	DC	BL	ONTARIO, CA	DTVBL191793	140.9 km
	KPOM-CD	D27	DC	CP	ONTARIO, CA	CA ONTARIO 27 BOX 360W	115.4
	KGMC	D27	DT	BL	CLOVIS, CA	DTVBL23302	283.3
	KVER-CD	D27	DC	BL	INDIO, CA	DTVBL69753	193.4
	KEYT-TV	D27	DT	LIC	SANTA BARBARA, CA	BLCDT20061102ABJ	138.9
	KCET	D28	DT	APP	LOS ANGELES, CA	BMPEDT20090206ACI	38.2
	KVMM-CD	D28	DC	BL	SANTA BARBARA, CA	DTVBL18741	112.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
1220.4	3,009,088	827.9	1,657,688	791.9	1,640,871	795.9	1,640,875	-0.51	-0.00
Undesired		Total IX		Unique IX, before		Unique IX, after			
KPOM-CD	D27 DC BL	8.0	3,421	4.0	4				
KPOM-CD	D27 DC CP	0.0	0			0.0	0		
KEYT-TV	D27 DT LIC	24.0	7,565	24.0	7,565	24.0	7,565		
KCET	D28 DT APP	8.0	9,248	4.0	5,831	8.0	9,248		

Interference to BLEDT20090615ADO LIC, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KCET	D28	DT	LIC	LOS ANGELES, CA	BLEDT20090615ADO	
Undesireds:	KPOM-CD	D27	DC	BL	ONTARIO, CA	DTVBL191793	102.7 km
	KPOM-CD	D27	DC	CP	ONTARIO, CA	CA ONTARIO 27 BOX 360W	77.7

KVER-CD	D27	DC	BL	INDIO, CA	DTVBL69753	155.3
KEYT-TV	D27	DT	LIC	SANTA BARBARA, CA	BLCDT20061102ABJ	177.1
KSKJ-CD	D27	DC	BL	VAN NUYS, CA	DTVBL36717	38.2
KESQ-TV	D28	DT	BL	PALM SPRINGS, CA	DTVBL25577	155.0
KVMM-CD	D28	DC	BL	SANTA BARBARA, CA	DTVBL18741	150.6
KMPH-TV	D28	DT	LIC	VISALIA, CA	BLCDT20030204AGN	281.4
KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.9
KFTR-DT	D29	DT	LIC	ONTARIO, CA	BLCDT20100401AFY	0.5
KQMM-CD	D29	DC	LIC	SANTA MARIA, CA	BLDTL20080423AEG	208.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
35950.7 16,875,546	26110.9 15,402,588	25279.1 15,002,051	25307.1 15,052,827	-0.11 -0.34

Undesired			Total IX	Unique IX, before	Unique IX, after	
KPOM-CD D27 DC BL	48.0	61,238	44.0	60,897		
KPOM-CD D27 DC CP	24.1	12,705			16.0	10,121
KEYT-TV D27 DT LIC	168.1	152,497	4.0	175	4.0	175
KSKJ-CD D27 DC BL	28.0	66,505	28.0	66,505	28.0	66,505
KESQ-TV D28 DT BL	8.0	6	8.0	6	4.0	6
KVMM-CD D28 DC BL	460.1	174,426	288.0	19,452	288.0	19,452
KMPH-TV D28 DT LIC	39.7	43	31.7	43	31.7	43
KBFX-CD D29 DC LIC	15.9	0	11.9	0	11.9	0
KFTR-DT D29 DT LIC	248.0	101,137	232.1	98,144	232.1	95,901

Interference to BLEDT20090615ADO LIC, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KCET	D28	DT	LIC	LOS ANGELES, CA	BLEDT20090615ADO	
Undesireds:	KPOM-CD	D27	DC	BL	ONTARIO, CA	DTVBL191793	102.7 km
	KPOM-CD	D27	DC	CP	ONTARIO, CA	CA ONTARIO 27 BOX 360W	77.7
	KVER-CD	D27	DC	BL	INDIO, CA	DTVBL69753	155.3
	KEYT-TV	D27	DT	LIC	SANTA BARBARA, CA	BLCDT20061102ABJ	177.1
	KSKJ-CD	D27	DC	BL	VAN NUYS, CA	DTVBL36717	38.2
	KESQ-TV	D28	DT	BL	PALM SPRINGS, CA	DTVBL25577	155.0
	KVMM-CD	D28	DC	BL	SANTA BARBARA, CA	DTVBL18741	150.6
	KMPH-TV	D28	DT	LIC	VISALIA, CA	BLCDT20030204AGN	281.4
	KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.9
	KFTR-DT	D29	DT	APP	ONTARIO, CA	BPCDT20100426ACW	0.5
	KQMM-CD	D29	DC	LIC	SANTA MARIA, CA	BLDTL20080423AEG	208.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
35950.7 16,875,546	26110.9 15,402,588	25259.1 14,991,859	25287.0 15,042,635	-0.11 -0.34

Undesired			Total IX	Unique IX, before	Unique IX, after	
KPOM-CD D27 DC BL	48.0	61,238	44.0	60,897		
KPOM-CD D27 DC CP	24.1	12,705			16.0	10,121
KEYT-TV D27 DT LIC	168.1	152,497	4.0	175	4.0	175
KSKJ-CD D27 DC BL	28.0	66,505	28.0	66,505	28.0	66,505

KESQ-TV	D28	DT	BL	8.0	6	8.0	6	4.0	6
KVMM-CD	D28	DC	BL	460.1	174,426	288.0	19,452	288.0	19,452
KMPH-TV	D28	DT	LIC	39.7	43	31.7	43	31.7	43
KBFX-CD	D29	DC	LIC	15.9	0	11.9	0	11.9	0
KFTR-DT	D29	DT	APP	272.1	111,329	252.1	108,336	252.1	106,093

Interference to BMPEDT20090206ACI APP, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KCET	D28	DT	APP	LOS ANGELES, CA	BMPEDT20090206ACI	
Undesireds:	KPOM-CD	D27	DC	BL	ONTARIO, CA	DTVBL191793	102.7 km
	KPOM-CD	D27	DC	CP	ONTARIO, CA	CA ONTARIO 27 BOX 360W	77.7
	KVER-CD	D27	DC	BL	INDIO, CA	DTVBL69753	155.3
	KEYT-TV	D27	DT	LIC	SANTA BARBARA, CA	BLCDT20061102ABJ	177.1
	KSKJ-CD	D27	DC	BL	VAN NUYS, CA	DTVBL36717	38.2
	KESQ-TV	D28	DT	BL	PALM SPRINGS, CA	DTVBL25577	155.0
	KVMM-CD	D28	DC	BL	SANTA BARBARA, CA	DTVBL18741	150.6
	KMPH-TV	D28	DT	LIC	VISALIA, CA	BLCDT20030204AGN	281.4
	KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.9
	KFTR-DT	D29	DT	LIC	ONTARIO, CA	BLCDT20100401AFY	0.5
	KQMM-CD	D29	DC	LIC	SANTA MARIA, CA	BLDTL20080423AEG	208.8
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
38208.1	17,051,750	28229.6	15,679,429	27201.9	15,217,665	27237.9 15,305,914	-0.13 -0.58
Undesired				Total IX	Unique IX, before	Unique IX, after	
KPOM-CD	D27	DC	BL	72.0	100,799	64.0	100,422
KPOM-CD	D27	DC	CP	28.1	12,173	28.1	12,173
KEYT-TV	D27	DT	LIC	224.2	170,407	0.0	0
KSKJ-CD	D27	DC	BL	24.0	66,453	24.0	66,453
KESQ-TV	D28	DT	BL	12.0	186	12.0	186
KVMM-CD	D28	DC	BL	632.2	199,479	400.0	26,420
KMPH-TV	D28	DT	LIC	27.8	0	19.8	0
KBFX-CD	D29	DC	LIC	31.7	31	27.7	31
KFTR-DT	D29	DT	LIC	252.0	97,845	240.0	95,193

Interference to BMPEDT20090206ACI APP, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KCET	D28	DT	APP	LOS ANGELES, CA	BMPEDT20090206ACI	
Undesireds:	KPOM-CD	D27	DC	BL	ONTARIO, CA	DTVBL191793	102.7 km
	KPOM-CD	D27	DC	CP	ONTARIO, CA	CA ONTARIO 27 BOX 360W	77.7
	KVER-CD	D27	DC	BL	INDIO, CA	DTVBL69753	155.3
	KEYT-TV	D27	DT	LIC	SANTA BARBARA, CA	BLCDT20061102ABJ	177.1
	KSKJ-CD	D27	DC	BL	VAN NUYS, CA	DTVBL36717	38.2
	KESQ-TV	D28	DT	BL	PALM SPRINGS, CA	DTVBL25577	155.0

KVMM-CD	D28	DC	BL	SANTA BARBARA, CA	DTVBL18741	150.6
KMPH-TV	D28	DT	LIC	VISALIA, CA	BLCDT20030204AGN	281.4
KBFX-CD	D29	DC	LIC	BAKERSFIELD, CA	BLTTA20101018ACF	144.9
KFTR-DT	D29	DT	APP	ONTARIO, CA	BPCDT20100426ACW	0.5
KQMM-CD	D29	DC	LIC	SANTA MARIA, CA	BLDTL20080423AEG	208.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
38208.1 17,051,750	28229.6 15,679,429	27181.9 15,214,359	27221.8 15,305,192	-0.15 -0.60

Undesired	Total IX	Unique IX, before	Unique IX, after
KPOM-CD D27 DC BL	72.0 100,799	64.0 100,422	
KPOM-CD D27 DC CP	28.1 12,173		24.1 9,589
KEYT-TV D27 DT LIC	224.2 170,407	0.0 0	0.0 0
KSKJ-CD D27 DC BL	24.0 66,453	24.0 66,453	24.0 66,453
KESQ-TV D28 DT BL	12.0 186	8.0 150	12.0 186
KVMM-CD D28 DC BL	632.2 199,479	400.0 26,420	400.0 26,420
KMPH-TV D28 DT LIC	27.8 0	19.8 0	19.8 0
KBFX-CD D29 DC LIC	31.7 31	27.7 31	27.7 31
KFTR-DT D29 DT APP	272.0 101,151	256.0 98,158	256.0 95,915

Interference to DTVBL25577 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL25577 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL25577 BL, scenario 3
Proposal causes no interference.

Interference to DTVBL25577 BL, scenario 4
Proposal causes no interference.

Interference to proposal, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KPOM-CD	D27	DC	CP	ONTARIO, CA	CA ONTARIO 27 BOX 360W	
Undesireds:	KMIR-TV	D26	DT	BL	PALM SPRINGS, CA	DTVBL16749	78.8 km
	KVER-CD	D27	DC	BL	INDIO, CA	DTVBL69753	78.9
	KEYT-TV	D27	DT	LIC	SANTA BARBARA, CA	BLCDT20061102ABJ	253.9
	KSKJ-CD	D27	DC	BL	VAN NUYS, CA	DTVBL36717	115.4
	KCET	D28	DT	LIC	LOS ANGELES, CA	BLEDT20090615ADO	77.7
	KESQ-TV	D28	DT	BL	PALM SPRINGS, CA	DTVBL25577	78.6

Service area	Terrain-limited	IX-free	Percent IX
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4222.8 2,393,327 3690.0 2,234,116 3665.9 2,233,913 0.65 0.01

Undesired		Total IX		Unique IX	Prcnt Unique IX	
KVER-CD D27 DC BL	8.0	203	4.0	93	0.11	0.00
KEYT-TV D27 DT LIC	20.1	110	16.1	0	0.44	0.00
KCET D28 DT LIC	4.0	110	0.0	0	0.00	0.00

Interference to proposal, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KPOM-CD	D27	DC	CP	ONTARIO, CA	CA ONTARIO 27 BOX 360W	
Undesireds:	KMIR-TV	D26	DT	BL	PALM SPRINGS, CA	DTVBL16749	78.8 km
	KVER-CD	D27	DC	BL	INDIO, CA	DTVBL69753	78.9
	KEYT-TV	D27	DT	LIC	SANTA BARBARA, CA	BLCDT20061102ABJ	253.9
	KSKJ-CD	D27	DC	BL	VAN NUYS, CA	DTVBL36717	115.4
	KCET	D28	DT	APP	LOS ANGELES, CA	BMPEDT20090206ACI	77.7
	KESQ-TV	D28	DT	BL	PALM SPRINGS, CA	DTVBL25577	78.6

Service area Terrain-limited IX-free Percent IX
4222.8 2,393,327 3690.0 2,234,116 3665.9 2,233,913 0.65 0.01

Undesired		Total IX		Unique IX	Prcnt Unique IX	
KVER-CD D27 DC BL	8.0	203	4.0	93	0.11	0.00
KEYT-TV D27 DT LIC	20.1	110	16.1	0	0.44	0.00
KCET D28 DT APP	4.0	110	0.0	0	0.00	0.00

POWER DENSITY CALCULATION

PROPOSED KPOM-CD
CHANNEL 27 – ONTARIO, CALIFORNIA

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Ontario facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 0.36 kW (H,V), an antenna radiation center 29 meters above ground, and the specific elevation pattern of the proposed Dielectric antenna, maximum power density two meters above ground of 0.0017 mW/cm^2 is calculated to occur 21 meters northeast of the base of the tower. Since this is only 0.5 percent of the 0.37 mW/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 27 (548-554 MHz), a grant of this proposal may be considered a minor environmental action with respect to public exposure to non-ionizing electromagnetic radiation.

Further, the station owner will take whatever precautionary steps are necessary, such as reducing power or leaving the air temporarily, to ensure that workers operating in the vicinity of the antenna are not exposed to excessive non-ionizing radiation.