

EXHIBIT 8
DISPLACEMENT
K25DM
Facility ID No. 7085

This Technical Exhibit is attached to FCC Form 346 in support of the Applicant's request for Displacement. The proposed modified operational parameters for this modified station, are as follows:

Channel	6
Frequency Offset:	Minus OFFSET
Antenna radiation center height above ground level:	26 meters
Maximum effective radiated power:	0.950 KW TOWARD RADIO HORIZON
Antenna type and model #:	SCA CL-46 FCC ANTENNA ID# 67268
Antenna Orientation	70 Degrees
Transmitter Site	33-35-38 N 112-05-10 W

A study has been conducted using the provisions of sections 74.703 74.705, 74.706, 74.707, 74.708 and 74.709. This study indicates that the proposal will not create prohibited interference with other existing NTSC full power, DTV, LPTV, or Land Mobile facilities. This proposed facility complies with all interference protection requirements.

2000 Census data selected
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 11-20-2007 Time: 15:21:32

Record Selected for Analysis

NEW BSFDTL -20090101KKK PHOENIX AZ US
Channel 06 ERP 00.95 kW HAAT 00256 m RCAMSL 00665 m
Latitude 033-35-38 Longitude 112 -5 -10
Status APP Zone 0 Border Offset -
Dir Antenna Make CDB Model 00000000067268 Beam tilt N Ref Azimuth 080
Last update 00000000 Cutoff date 00000000 Docket
Comments
Applicant MAKO

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)	62.0 dBu F(50,50) (km)
0.0	0.000	200.9	1.5
45.0	0.479	182.9	18.6
90.0	0.654	227.4	22.3
135.0	0.000	241.5	3.0
180.0	0.401	308.7	22.9
225.0	0.686	323.8	26.6
270.0	0.002	296.8	4.9
315.0	0.000	259.7	1.6

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

Station inside contour of station

KPHO-TV 5 PHOENIX AZ BLCT 1049

Contour overlap to station

KUAT-TV 6 TUCSON AZ BLET 20030103AAW

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

Contour Overlap Evaluation from LPTV Station to LPTV Stations

No Spacing violations or contour overlap from LPTV station

Contour Overlap Evaluation from LPTV to LPTV Stations Complete

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite 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 = 200.5km

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
06	NEW	PHOENIX AZ	BSFDTL 20090101KKK

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	KPHO-TV	PHOENIX AZ	29.0	LIC	BLCT	-1049
06	KUAT-TV	TUCSON AZ	183.1	LIC	BLET	-20030103AAW

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
05	KPHO-TV	PHOENIX AZ	BLCT	-1049

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	KVVU-TV	HENDERSON NV	400.9	LIC	BLCT	-19810622KF

06	KUAT-TV	TUCSON AZ	162.0	LIC	BLET	-20030103AAW
06	NEW	PHOENIX AZ	29.0	APP	BSFDTL	-20090101KKK

Proposal causes no interference

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	KUAT-TV	TUCSON AZ	BLET	-20030103AAW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	KPHO-TV	PHOENIX AZ	162.0	LIC	BLCT	-1049
06	KOBG-TV	SILVER CITY NM	236.8	LIC	BLCT	-20030226ABU
06	NEW	PHOENIX AZ	183.1	APP	BSFDTL	-20090101KKK

Total scenarios = 2

Result key: 1
 Scenario 1 Affected station 2
 Before Analysis

Results for: 6N AZ TUCSON

	BLET	20030103AAW	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1143426	54075.6	
not affected by terrain losses	1053156	47957.7	
lost to NTSC IX	32775	4420.8	
lost to additional IX by ATV	0	0.0	
lost to all IX	32775	4420.8	

Potential Interfering Stations Included in above Scenario 1

5N AZ PHOENIX	BLCT	1049	LIC
6N NM SILVER CITY	BLCT	20030226ABU	LIC

After Analysis

Results for: 6N AZ TUCSON

	BLET	20030103AAW	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1143426	54075.6	
not affected by terrain losses	1053156	47957.7	
lost to NTSC IX	34390	6075.8	
lost to additional IX by ATV	0	0.0	
lost to all IX	34390	6075.8	

Potential Interfering Stations Included in above Scenario 1

5N AZ PHOENIX	BLCT	1049	LIC
6N NM SILVER CITY	BLCT	20030226ABU	LIC
6N AZ PHOENIX	BSFDTL	20090101KKK	APP

Result key: 2
 Scenario 2 Affected station 2
 Before Analysis

Results for: 6N AZ TUCSON BLET 20030103AAW LIC
 POPULATION AREA (sq km)
 within Noise Limited Contour 1143426 54075.6
 not affected by terrain losses 1053156 47957.7
 lost to NTSC IX 32775 4420.8
 lost to additional IX by ATV 0 0.0
 lost to all IX 32775 4420.8

Potential Interfering Stations Included in above Scenario 2

5N AZ PHOENIX BLCT 1049 LIC
 6N NM SILVER CITY BLCT 20030226ABU LIC

After Analysis

Results for: 6N AZ TUCSON BLET 20030103AAW LIC
 POPULATION AREA (sq km)
 within Noise Limited Contour 1143426 54075.6
 not affected by terrain losses 1053156 47957.7
 lost to NTSC IX 34390 6075.8
 lost to additional IX by ATV 0 0.0
 lost to all IX 34390 6075.8

Potential Interfering Stations Included in above Scenario 2

5N AZ PHOENIX BLCT 1049 LIC
 6N NM SILVER CITY BLCT 20030226ABU LIC
 6N AZ PHOENIX BSFDTL 20090101KKK APP

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	NEW	PHOENIX AZ	BSFDTL	-20090101KKK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	KPHO-TV	PHOENIX AZ	29.0	LIC	BLCT	-1049
06	KMOH-TV	KINGMAN AZ	263.4	LIC	BLCT	-20020627AAL
06	KUAT-TV	TUCSON AZ	183.1	LIC	BLET	-20030103AAW
06	KOBG-TV	SILVER CITY NM	366.6	LIC	BLCT	-20030226ABU
06	K06AE	PRESCOTT AZ	107.8	LIC	BLTTV	-3781

Total scenarios = 1

Result key: 3
 Scenario 1 Affected station 3

Before Analysis

Results for: 6N AZ PHOENIX	BSFDTL	20090101KKK	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1130655	891.5	
not affected by terrain losses	1130614	890.5	
lost to NTSC IX	1075951	842.9	
lost to additional IX by ATV	0	0.0	
lost to all IX	1075951	842.9	

Potential Interfering Stations Included in above Scenario 1

5N AZ PHOENIX	BLCT	1049	LIC
6N AZ KINGMAN	BLCT	20020627AAL	LIC
6N AZ TUCSON	BLET	20030103AAW	LIC

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