

011901XX K06MB Indio CA  
LPONE Page 1  
Channel 6 Zero Offset N Lat 33 48 07 W Long 116 13 27  
ERP: 3.000 kW; RCAMSL: 1794.2 ft  
It is 12:49:24 on 20-JAN-91  
Directional Antenna Make: SCA; Model: CL-26 ; Ref Az: 220.0  
TV Volume 0; TX Volume 0; DA Volume 0  
Tendered 000000 Last Updated manual Cutoff Date: Tier 0 TV

Studies for 011901XX will cover from Channel 5 to Channel 6

The following operations are considered in detail:

BLTVL990811JB K05JY INDIO CA ENTEAVISION HOLDINGS, INC.  
Channel 5 Plus Offset LIC N Lat 33 48 07 W Long 116 13 27  
ERP: 0.349 kW; RCAMSL: 1795.0 ft; Maximum HAAT: 1770.0 ft  
Directional Antenna Make: SCA; Model: CL-26 ; Ref Az: 150  
Last Updated 990929  
Distance from 011901XX is 0.0 kilometers

Interference Caused  
Overall Conclusion

From Desired Operation ( BLTVL990811JB  
If K05JY BLTVL990811JB was granted with  
K05JY Ch 5) to Protected Contour:  
a condition requiring acceptance of  
Azimuth 180.0  
interference from 011901XX, it is ok.  
Distance (km) 23.9  
But without such a condition, 011901XX  
ERP (Watts) 147.45  
is unacceptable for filing and should be  
HAAT (ft) 1769.2  
returned. Look for condition on license or  
Sig Level (dBu) 62.0  
CP for K05JY BLTVL990811JB

Antenna site of undesired operation

Summary: Return, or no problem,  
( 011901XX K06MB Ch 6) is depending on whether there 0.0 kilometers from antenna site of is a condition.  
desired operation; therefore, antenna site of undesired operation is within protected contour.

BLTTV1142 K06FB QUARTZSITE AZ QUARTZSITE IMPROVEMENT ASS  
OCIATE INC  
Channel 6 No Offset LIC N Lat 33 40 00 W Long 114 03 20  
ERP: 0.007 kW; RCAMSL: 2516.0 ft; Maximum HAAT: 1441.0 ft  
Directional Antenna Make: EIT; Model: CL4A ; Ref Az: 273  
Last Updated 990304  
Distance from 011901XX is 201.5 kilometers

Interference Caused  
Overall Conclusion

From Desired Operation ( BLTTV1142  
011901XX does not cause interference  
K06MB Ch 6) to Protected Contour:  
to BLTTV1142 . No problem.  
Azimuth 274.9  
Distance (km) 9.5  
Summary: No problem.  
ERP (Watts) 7.00  
HAAT (ft) 1431.4  
Sig Level (dBu) 62.0

From undesired operation ( 011901XX  
K06MB Ch 6) to Protected Contour:  
Azimuth 93.7  
Distance (km) 192.0  
ERP (mW) 300.00  
HAAT (ft) -85.3  
Sig Level (dBu) -26.5

QRM Ratios (Desired-to-Undesired):  
Required (dB) 45.0  
Actual (dB) 88.5

Result: No Problem

BLTVL960626IC K06MU BIG BEAR LAKE CA K.I.D.S. - TV6

Channel 6 Plus Offset LIC N Lat 34 14 40 W Long 116 53 16  
ERP: 0.053 kW; RCAMSL: 6847.0 ft; Maximum HAAT: 1004.0 ft  
Directional Antenna Make: SCA; Model: ODD940412BY ; Ref Az: 0  
Last Updated 960826  
Distance from 011901XX is 78.5 kilometers

Interference Caused  
Overall Conclusion

From Desired Operation ( BLTVL960626IC  
011901XX does not cause interference  
K06MU Ch 6) to Protected Contour:  
to BLTVL960626IC. No problem.  
Azimuth 98.6  
Distance (km) 3.4  
Summary: No problem.  
ERP (Watts) 21.19  
HAAT (ft) -492.2  
Sig Level (dBu) 62.0

From undesired operation ( 011901XX  
K06MB Ch 6) to Protected Contour:  
Azimuth 310.3  
Distance (km) 75.6  
ERP (mW) 300.00  
HAAT (ft) 858.4  
Sig Level (dBu) 6.9

QRM Ratios (Desired-to-Undesired):  
Required (dB) 28.0  
Actual (dB) 55.1

Result: No Problem

BLTTV5094 K06IQ NEWBERRY SPRINGS CA COUNTY OF SAN BERNARDINO, AREA 40  
Channel 6 No Offset LIC N Lat 34 50 03 W Long 116 40 48  
ERP: 0.009 kW; RCAMSL: 3110.0 ft; Maximum HAAT: 1307.0 ft  
Directional Antenna Make: SCA; Model: CL-26 ; Ref Az: 120

Last Updated 880406  
Distance from 011901XX is 121.9 kilometers

Interference Caused  
Overall Conclusion

From Desired Operation ( BLTTV5094  
011901XX does not cause interference  
K06IQ Ch 6) to Protected Contour:  
to BLTTV5094 . No problem.  
Azimuth 129.8  
Distance (km) 8.2  
Summary: No problem.  
ERP (Watts) 7.97  
HAAT (ft) 945.9  
Sig Level (dBu) 62.0

From undesired operation ( 011901XX  
K06MB Ch 6) to Protected Contour:  
Azimuth 342.1  
Distance (km) 114.9  
ERP (mW) 300.00  
HAAT (ft) -293.3  
Sig Level (dBu) -12.2

QRM Ratios (Desired-to-Undesired):  
Required (dB) 45.0  
Actual (dB) 74.2

Result: No Problem

BLCT880315KH KMOHTV KINGMAN AZ GRAND CANYON TELEVISION CO., INC.  
Channel 6 Minus Offset LIC N Lat 35 01 57 W Long 114 21 56  
ERP: 100.000 kW; RCAMSL: 4495.0 ft; HAAT: 585.0 ft; Maximum HAAT: 2822.0 ft  
Last Updated 970610  
Distance from 011901XX is 218.7 kilometers

Interference Caused  
Overall Conclusion

From Desired Operation ( BLCT880315KH  
011901XX does not cause interference  
KMOHTV Ch 6) to Protected Contour:  
to KMOHTV BLCT880315KH. No problem.  
Azimuth 231.8  
Distance (km) 139.3  
Summary: No problem.  
ERP (kW) 100.000  
HAAT (ft) 2814.3  
Sig Level (dBu) 47.0

From undesired operation ( 011901XX  
K06MB Ch 6) to Protected Contour:  
Azimuth 50.7  
Distance (km) 79.4  
ERP (Watts) 6.04  
HAAT (ft) -1624.1  
Sig Level (dBu) 8.0

QRM Ratios (Desired-to-Undesired):  
Required (dB) 28.0  
Actual (dB) 39.0

Result: No Problem

BPCT990708KF KMOHTV KINGMAN AZ GRAND CANYON TELEVISION CO., INC.  
Channel 6 Minus Offset CP N Lat 35 01 57 W Long 114 21 56  
ERP: 100.000 kW; RCAMSL: 4518.0 ft; HAAT: 592.0 ft; Maximum HAAT: 2845.0 ft  
Directional Antenna Make: ANT; Model: ODD990708KF ; Ref Az: 0  
Last Updated 990823  
Distance from 011901XX is 218.7 kilometers

Interference Caused  
Overall Conclusion

From Desired Operation ( BPCT990708KF

011901XX does not cause interference  
KMOHTV Ch 6) to Protected Contour:  
to KMOHTV BPCT990708KF. No problem.  
Azimuth 231.8  
Distance (km) 137.4  
Summary: No problem.  
ERP (kW) 85.954  
HAAT (ft) 2837.3  
Sig Level (dBu) 47.0

From undesired operation ( 011901XX  
K06MB Ch 6) to Protected Contour:  
Azimuth 50.7  
Distance (km) 81.2  
ERP (Watts) 6.04  
HAAT (ft) -1624.1  
Sig Level (dBu) 7.7

QRM Ratios (Desired-to-Undesired):  
Required (dB) 28.0  
Actual (dB) 39.3

Result: No Problem

BLTTV790522IA K06JL BAKER CA BAKER COMMUNITY SERVICES DISTRICT  
Channel 6 No Offset LIC N Lat 35 26 08 W Long 115 55 21  
ERP: 0.057 kW; RCAMSL: 4514.0 ft; Maximum HAAT: 2320.0 ft  
Directional Antenna Make: SCA; Model: CL-26 ; Ref Az: 190  
Last Updated 811103  
Distance from 011901XX is 183.3 kilometers

Interference Caused  
Overall Conclusion

From Desired Operation ( BLTTV790522IA  
011901XX does not cause interference  
K06JL Ch 6) to Protected Contour:  
to BLTTV790522IA. No problem.  
Azimuth 178.7  
Distance (km) 18.8

Summary: No problem.

ERP (Watts)	48.88
HAAT (ft)	1893.6
Sig Level (dBu)	62.0

From undesired operation ( 011901XX  
K06MB Ch 6) to Protected Contour:

Azimuth	9.7
Distance (km)	164.9
ERP (Watts)	4.65
HAAT (ft)	-1119.9
Sig Level (dBu)	-9.6

QRM Ratios (Desired-to-Undesired):

Required (dB)	45.0
Actual (dB)	71.6

Result: No Problem

Summary of Results of Study of 011901XX

\*\*\* The proposed antenna site is located 131.8 kilometers from the border with Mexico  
(The closest point is N Lat 32 37 05; W Long 116 05 52; it is at a bearing of 174.8 degrees from the antenna site)  
\*\*\* Coordination with Mexico may be required before grant

This study has not discovered any problems that warrant return of 011901XX

011901XX may cause unacceptable interference to the following licenses and permits. If the following were each granted with a condition requiring acceptance of interference from 011901XX, there is no problem. However, if they were granted without such a condition, then 011901XX is unacceptable and should be returned.

1. K05JY BLTVL990811JB INDIO CA Ch 5 LIC

154 records were considered in the range from Channel 5 to 6

