

091901XX KMMW-LP Stockton CA
 LPONE Page 1
 Channel 23 Zero Offset N Lat 37 57 24 W Long 121 17 15
 ERP: 19.300 kW; RCAMSL: 200.1 ft
 It is 11:16:04 on 20-SEP-91
 Directional Antenna Make: ANT; Model: ACB16CR ; Ref Az: 0.0
 TV Volume 0; TX Volume 0; DA Volume 0
 Tendered 000000 Last Updated manual Cutoff Date: Tier 0 TV
 /TX Last Updated 991230; DA Last Updated

Studies for 091901XX will cover from Channel 16 to Channel 38

The following operations are considered in detail:

BLET960319KE KBSV CERES CA BET-NAHRRAIN, INC.
 Channel 23 Plus Offset LIC N Lat 37 35 21 W Long 120 57 23
 ERP: 15.100 kW; RCAMSL: 246.0 ft; HAAT: 47.0 ft; Maximum HAAT: 194.0 ft
 Last Updated 980416
 Distance from 091901XX is 50.1 kilometers

Interference Caused
 Overall Conclusion

From Desired Operation (BLET960319KE
 091901XX does not cause interference
 KBSV Ch 23) to Protected Contour:
 to KBSV BLET960319KE. No problem.
 Azimuth 324.6
 Distance (km) 22.4
 Summary: No problem.
 ERP (kW) 15.100
 HAAT (ft) 186.8
 Sig Level (dBu) 64.0

From undesired operation (091901XX
 KMMW-LP Ch 23) to Protected Contour:
 Azimuth 144.4
 Distance (km) 27.7
 ERP (Watts) 17.37
 HAAT (ft) 153.6

Sig Level (dBu) 29.8

QRM Ratios (Desired-to-Undesired):

Required (dB) 28.0

Actual (dB) 34.2

Result: No Problem

BMPTTL980601YY K23EY STOCKTON CA CABALLERO TELEVISION TEXAS, L.L.C.

Channel 23 Zero Offset CP N Lat 37 57 24 W Long 121 17 15

ERP: 15.700 kW; RCAMSL: 200.0 ft; Maximum HAAT: 202.0 ft

Directional Antenna Make: ANT; Model: ACS12BR ; Ref Az: 324

Last Updated 990927

TO CH-47, STOCKTON, CA

Distance from 091901XX is 0.0 kilometers

Interference Caused

Overall Conclusion

From Desired Operation (BMPTTL980601YY

If K23EY BMPTTL980601YY was granted with

K23EY Ch 23) to Protected Contour:

a condition requiring acceptance of

Azimuth 180.0

interference from 091901XX, it is ok.

Distance (km) 2.8

But without such a condition, 091901XX

ERP (Watts) 49.24

is unacceptable for filing and should be

HAAT (ft) 162.1

returned. Look for condition on license or

Sig Level (dBu) 74.0

CP for K23EY BMPTTL980601YY

Antenna site of undesired operation

Summary: Return, or no problem,

(091901XX KMMW-LP Ch 23) 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.

BLTTL970918JA K23ES SACRAMENTO CA POLAR BROADCASTING, INC.

Channel 23 Minus Offset LIC N Lat 38 33 59 W Long 121 28 46
ERP: 12.200 kW; RCAMSL: 308.0 ft; Maximum HAAT: 308.0 ft
Directional Antenna Make: SWR; Model: SWLP120I ; Ref Az: 90
Last Updated 971015
Distance from 091901XX is 69.7 kilometers

Interference Caused
Overall Conclusion

From Desired Operation (BLTTL970918JA
If K23ES BLTTL970918JA was granted with
K23ES Ch 23) to Protected Contour:
a condition requiring acceptance of
Azimuth 156.1
interference from 091901XX, it is ok.
Distance (km) 12.2
But without such a condition, 091901XX
ERP (kW) 7.492
is unacceptable for filing and should be
HAAT (ft) 275.2
returned. Look for condition on license or
Sig Level (dBu) 74.0
CP for K23ES BLTTL970918JA

From undesired operation (091901XX
Summary: Return, or no problem,
KMMW-LP Ch 23) to Protected Contour:
depending on whether there
Azimuth 348.3
is a condition.
Distance (km) 57.7
ERP (kW) 17.851
HAAT (ft) 168.8
Sig Level (dBu) 46.0

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

Actual (dB) 28.0

Result: Interference!!

Summary of Results of Study of 091901XX

This study has not discovered any problems that warrant return of 091901XX

091901XX may cause unacceptable interference to the following licenses and permits. If the following were each granted with a condition requiring acceptance of interference from 091901XX, there is no problem. However, if they were granted without such a condition, then 091901XX is unacceptable and should be returned.

1. K23EY BMP TTL980601YY STOCKTON CA Ch 23 CP
2. K23ES BL TTL970918JA SACRAMENTO CA Ch 23 LIC

1182 records were considered in the range from Channel 16 to 38