

071101XX KZMM-LP Fresno CA
 LPONE Page 1
 Channel 22 Zero Offset N Lat 37 04 10 W Long 119 24 40
 ERP: 150.000 kW; RCAMSL: 4583.5 ft
 It is 12:45:41 on 12-JUL-91
 Directional Antenna Make: ANT; Model: ACB16DR ; Ref Az: 225.0
 TV Volume 0; TX Volume 0; DA Volume 0
 Tendered 071101 Last Updated manual Cutoff Date: Tier 0 TV
 Studies for 071101XX will cover from Channel 15 to Channel 37

The following operations are considered in detail:

BLCT850807KH KFTV HANFORD CA KFTV LICENSE PARTNERSHIP, G.P.
 Channel 21 Zero Offset LIC N Lat 37 04 24 W Long 119 25 42
 ERP: 2190.000 kW; RCAMSL: 4570.0 ft; HAAT: 561.0 ft; Maximum HAAT: 3169.0 ft
 Directional Antenna Make: AND; Model: ODDKFTV-CP; Ref Az: 0
 Last Updated 960807
 Distance from 071101XX is 1.6 kilometers

Interference Caused
 Overall Conclusion

From Desired Operation (BLCT850807KH
 071101XX causes interference to full
 KFTV Ch 21) to Protected Contour:
 service TV station KFTV BLCT850807KH.
 Azimuth 105.8
 Therefore, 071101XX is unacceptable
 Distance (km) 26.8
 for filing and should be returned.
 ERP (kW) 124.020
 HAAT (ft) 93.8
 Summary: Return 071101XX
 Sig Level (dBu) 64.0

Antenna site of undesired operation
 (071101XX K07UX Ch 22) is
 1.6 kilometers from antenna site of
 desired operation; therefore, antenna
 site of undesired operation is within

protected contour.

BPCT960701KI KFTV HANFORD CA KFTV LICENSE PARTNERSHIP, G.P.
Channel 21 Zero Offset CP N Lat 37 04 22 W Long 119 25 53
ERP: 5000.000 kW; RCAMSL: 4708.0 ft; HAAT: 605.0 ft; Maximum HAAT: 3333.0 ft
Directional Antenna Make: AND; Model: ODD960701KI ; Ref Az: 0
Last Updated 970312
Distance from 071101XX is 1.8 kilometers

Interference Caused
Overall Conclusion

From Desired Operation (BPCT960701KI
071101XX causes interference to full
KFTV Ch 21) to Protected Contour:
service TV station KFTV BPCT960701KI.
Azimuth 101.6
Therefore, 071101XX is unacceptable
Distance (km) 30.5
for filing and should be returned.
ERP (kW) 236.931
HAAT (ft) 98.0
Summary: Return 071101XX
Sig Level (dBu) 64.0

Antenna site of undesired operation
(071101XX K07UX Ch 22) is
1.8 kilometers from antenna site of
desired operation; therefore, antenna
site of undesired operation is within
protected contour.

Summary of Results of Study of 071101XX

071101XX should be returned because:

1. It causes objectionable interference to full service TV operation:
BLCT850807KH KFTV HANFORD CA Ch 21 LIC Zero Offset N Lat 37 04 24 W Long 119 25 42
(KFTV LICENSE PARTNERSHIP, G.P. ERP: 2190.000 kW; RCAMSL: 4570.0 ft; Make: AND Model: ODDKFTV-CP Ref Az 0.0

2. It causes objectionable interference to full service TV operation:

BPCT960701KI KFTV HANFORD CA Ch 21 CP Zero Offset N Lat 37 04 22 W Long 119 25 53
(KFTV LICENSE PARTNERSHIP, G.P. ERP: 5000.000 kW; RCAMSL: 4708.0 ft; Make: AND Model: ODD960701KI Ref Az 0.0

1152 records were considered in the range from Channel 15 to 37