

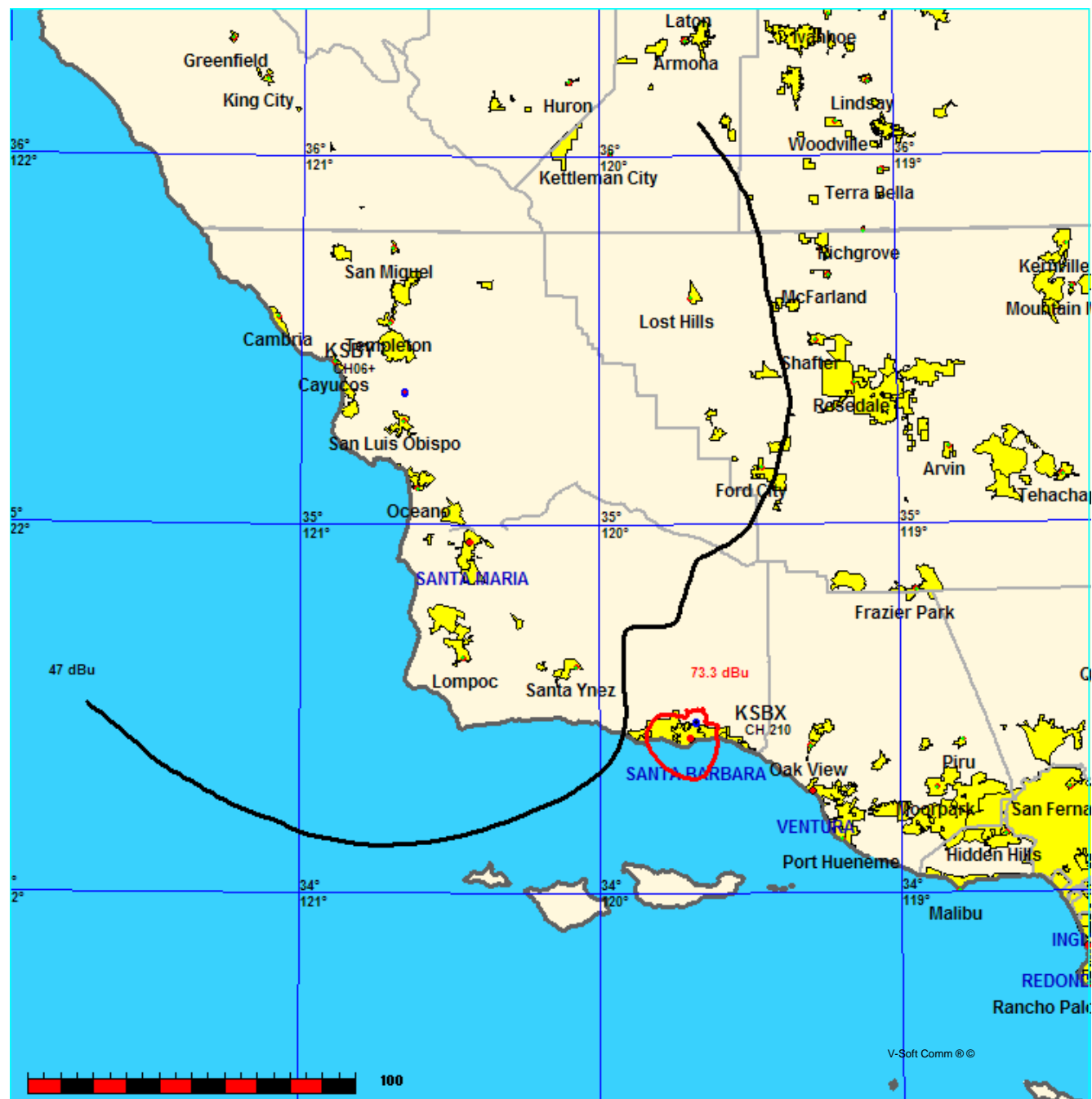
Kcbx, Inc. (KSBX)
Protection to KSBY-TV CH6

FMCommander Allocation Study
03-31-2006

KSBX CH 210 A
0.35 kW 661 M COR DA
Intef. = 73.3 dBu

KSBY CH 06+ 2C BMLCT19860228KG
100.0 kW, 885 M COR
Prot. = 47 dBu

Scale = 1:3,000,000



Channel-Six TV Protection Study

KSBY LI 06+ 2C Dom 100.000 kW 543 M HAAT V N
San Louis Obispo CA 885M COR AMSL
Lat= 35 21 37, Lng= 120 39 18
Ksby Communications, Inc. BMLCT19860228KG
Fac ID# 19654, Cutoff Date= 860430
Dist.=133.5475 km, Azi=318.4°, Rev Azi=137.8°

Direct line HAAT Grade B, 47 dBu= 99.73 km & Grade A= 51.4 km

Distance from reference to Grade B = 33.82 km

Cutoff Dist from Full Service or Class CA= 196

Maximum Co-located power= 21.4 kW

KSBY Signal Contour at Reference location = 36.1 dBu

CH. 210, U/D ratio = 26.3 dB, Maximum FM signal = 73.3 dBu , 6 dB credit added

TV/FM D to U values

| | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 47.0 | 73.3 | 55.0 | 72.3 | 63.0 | 73.9 | 71.0 | 78.7 | 79.0 | 85.0 | 87.0 | 91.6 |
| 48.0 | 73.0 | 56.0 | 72.4 | 64.0 | 74.4 | 72.0 | 79.5 | 80.0 | 85.8 | 88.0 | 92.4 |
| 49.0 | 72.6 | 57.0 | 72.5 | 65.0 | 74.8 | 73.0 | 80.2 | 81.0 | 86.6 | 89.0 | 93.3 |
| 50.0 | 72.3 | 58.0 | 72.6 | 66.0 | 75.4 | 74.0 | 81.0 | 82.0 | 87.4 | 90.0 | 94.2 |
| 51.0 | 72.2 | 59.0 | 72.8 | 67.0 | 76.0 | 75.0 | 81.8 | 83.0 | 88.2 | 91.0 | 94.2 |
| 52.0 | 72.2 | 60.0 | 73.0 | 68.0 | 76.6 | 76.0 | 82.6 | 84.0 | 89.0 | 92.0 | 94.2 |
| 53.0 | 72.1 | 61.0 | 73.3 | 69.0 | 77.3 | 77.0 | 83.4 | 85.0 | 89.9 | 93.0 | 94.2 |
| 54.0 | 72.2 | 62.0 | 73.5 | 70.0 | 78.0 | 78.0 | 84.2 | 86.0 | 90.7 | 94.0 | 94.2 |

03-31-2006 30 Arc-Sec. Sec. Terrain Data

KSBY BMLCT19860228KG
 Channel = 06+2C
 Max ERP = 100 kW
 RCAMSL = 885 M
 N. Lat = 35 21 37
 W. Lng = 120 39 18
 Protected
 47 dBu

KSBX
 Channel = 210A
 Max ERP = 0.35 kW
 RCAMSL = 661 M
 N. Lat = 34 27 57
 W. Lng = 119 40 37
 Interfering
 73.3 dBu

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|
| 078.0 | 100.0000 | 0437.2 | 114.7 | 010.4 | 000.3500 | -0044.6 | 125.2 | 16.49 |
| 079.0 | 100.0000 | 0436.2 | 114.6 | 010.7 | 000.3500 | -0041.7 | 123.3 | 16.85 |
| 080.0 | 100.0000 | 0434.3 | 114.4 | 011.0 | 000.3500 | -0041.7 | 121.4 | 17.22 |
| 081.0 | 100.0000 | 0432.3 | 114.3 | 011.3 | 000.3500 | -0041.7 | 119.4 | 17.59 |
| 082.0 | 100.0000 | 0431.8 | 114.2 | 011.6 | 000.3500 | -0032.0 | 117.6 | 17.96 |
| 083.0 | 100.0000 | 0434.2 | 114.4 | 012.0 | 000.3500 | -0032.0 | 115.7 | 18.31 |
| 084.0 | 100.0000 | 0438.1 | 114.8 | 012.5 | 000.3500 | -0032.0 | 114.0 | 18.66 |
| 085.0 | 100.0000 | 0442.9 | 115.2 | 013.0 | 000.3500 | -0028.3 | 112.2 | 19.01 |
| 086.0 | 100.0000 | 0447.8 | 115.7 | 013.5 | 000.3500 | -0031.4 | 110.4 | 19.36 |
| 087.0 | 100.0000 | 0451.2 | 116.0 | 014.0 | 000.3500 | -0031.4 | 108.6 | 19.72 |
| 088.0 | 100.0000 | 0455.9 | 116.4 | 014.5 | 000.3500 | -0031.4 | 106.8 | 20.08 |
| 089.0 | 100.0000 | 0461.4 | 116.9 | 015.0 | 000.3500 | -0036.7 | 104.9 | 20.44 |
| 090.0 | 100.0000 | 0466.9 | 117.4 | 015.6 | 000.3500 | -0039.0 | 103.1 | 20.81 |
| 091.0 | 100.0000 | 0471.2 | 117.8 | 016.1 | 000.3500 | -0039.0 | 101.2 | 21.18 |
| 092.0 | 100.0000 | 0469.2 | 117.6 | 016.3 | 000.3500 | -0039.0 | 099.2 | 21.59 |
| 093.0 | 100.0000 | 0466.3 | 117.3 | 016.5 | 000.3500 | -0039.0 | 097.1 | 22.00 |
| 094.0 | 100.0000 | 0463.6 | 117.1 | 016.6 | 000.3500 | -0038.0 | 095.1 | 22.42 |
| 095.0 | 100.0000 | 0462.5 | 117.0 | 016.8 | 000.3500 | -0038.0 | 093.1 | 22.83 |
| 096.0 | 100.0000 | 0460.7 | 116.8 | 016.9 | 000.3500 | -0038.0 | 091.0 | 23.24 |
| 097.0 | 100.0000 | 0458.8 | 116.7 | 017.1 | 000.3500 | -0038.0 | 089.0 | 23.66 |
| 098.0 | 100.0000 | 0456.1 | 116.4 | 017.1 | 000.3500 | -0038.0 | 086.9 | 24.09 |
| 099.0 | 100.0000 | 0452.7 | 116.1 | 017.1 | 000.3500 | -0038.0 | 084.9 | 24.51 |
| 100.0 | 100.0000 | 0450.2 | 115.9 | 017.2 | 000.3500 | -0038.0 | 082.9 | 24.93 |
| 101.0 | 100.0000 | 0448.6 | 115.7 | 017.2 | 000.3500 | -0038.0 | 080.8 | 25.34 |
| 102.0 | 100.0000 | 0448.4 | 115.7 | 017.3 | 000.3500 | -0038.0 | 078.8 | 25.73 |
| 103.0 | 100.0000 | 0447.2 | 115.6 | 017.4 | 000.3500 | -0038.0 | 076.8 | 26.12 |
| 104.0 | 100.0000 | 0444.5 | 115.4 | 017.3 | 000.3500 | -0038.0 | 074.8 | 26.50 |
| 105.0 | 100.0000 | 0439.7 | 114.9 | 017.0 | 000.3500 | -0038.0 | 072.7 | 26.86 |
| 106.0 | 100.0000 | 0433.5 | 114.4 | 016.6 | 000.3500 | -0038.0 | 070.7 | 27.23 |
| 107.0 | 100.0000 | 0428.3 | 113.9 | 016.3 | 000.3500 | -0039.0 | 068.7 | 27.59 |
| 108.0 | 100.0000 | 0423.7 | 113.5 | 015.9 | 000.3500 | -0039.0 | 066.7 | 27.95 |
| 109.0 | 100.0000 | 0420.6 | 113.2 | 015.5 | 000.3500 | -0039.0 | 064.8 | 28.31 |
| 110.0 | 100.0000 | 0417.9 | 113.0 | 015.2 | 000.3500 | -0036.7 | 062.8 | 28.68 |
| 111.0 | 100.0000 | 0414.0 | 112.6 | 014.7 | 000.3500 | -0036.7 | 060.9 | 29.07 |
| 112.0 | 100.0000 | 0407.9 | 112.1 | 013.9 | 000.3500 | -0031.4 | 059.0 | 29.45 |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|
| 113.0 | 100.0000 | 0398.7 | 111.3 | 012.9 | 000.3500 | -0028.3 | 057.2 | 29.83 |
| 114.0 | 100.0000 | 0385.7 | 110.1 | 011.4 | 000.3500 | -0041.7 | 055.5 | 30.18 |
| 115.0 | 100.0000 | 0369.4 | 108.8 | 009.5 | 000.3500 | -0035.6 | 054.0 | 30.51 |
| 116.0 | 100.0000 | 0350.6 | 107.3 | 007.4 | 000.3500 | -0001.1 | 052.6 | 30.81 |
| 117.0 | 100.0000 | 0331.1 | 105.9 | 005.3 | 000.3500 | 0025.4 | 051.3 | 31.09 |
| 118.0 | 100.0000 | 0313.3 | 104.6 | 003.1 | 000.3500 | 0020.8 | 050.2 | 31.34 |
| 119.0 | 100.0000 | 0298.9 | 103.5 | 001.0 | 000.3500 | -0021.9 | 049.1 | 31.58 |
| 120.0 | 100.0000 | 0290.7 | 102.8 | 359.3 | 000.3500 | -0029.9 | 047.8 | 31.85 |
| 121.0 | 100.0000 | 0290.2 | 102.7 | 358.1 | 000.3500 | -0031.5 | 046.3 | 32.20 |
| 122.0 | 100.0000 | 0294.6 | 103.1 | 357.2 | 000.3500 | -0036.3 | 044.6 | 32.63 |
| 123.0 | 100.0000 | 0301.6 | 103.7 | 356.4 | 000.3500 | -0037.3 | 042.8 | 33.12 |
| 124.0 | 100.0000 | 0309.2 | 104.3 | 355.6 | 000.3500 | -0037.3 | 041.0 | 33.66 |
| 125.0 | 100.0000 | 0316.2 | 104.8 | 354.5 | 000.3500 | -0042.5 | 039.3 | 34.21 |
| 126.0 | 100.0000 | 0323.9 | 105.4 | 353.3 | 000.3500 | -0052.0 | 037.5 | 34.79 |
| 127.0 | 100.0000 | 0333.1 | 106.1 | 352.1 | 000.3500 | -0062.2 | 035.7 | 35.41 |
| 128.0 | 100.0000 | 0344.6 | 106.9 | 350.8 | 000.3500 | -0077.5 | 033.8 | 36.10 |
| 129.0 | 100.0000 | 0355.6 | 107.7 | 349.3 | 000.3500 | -0092.7 | 032.0 | 36.80 |
| 130.0 | 100.0000 | 0360.2 | 108.0 | 347.0 | 000.3500 | -0100.5 | 030.6 | 37.42 |
| 131.0 | 100.0000 | 0352.7 | 107.5 | 343.4 | 000.3500 | -0109.2 | 030.0 | 37.71 |
| 132.0 | 100.0000 | 0331.4 | 106.0 | 338.9 | 000.3500 | -0102.3 | 030.4 | 37.51 |
| 133.0 | 100.0000 | 0303.6 | 103.9 | 334.3 | 000.3500 | -0034.9 | 031.5 | 36.99 |
| 134.0 | 100.0000 | 0278.5 | 101.7 | 330.0 | 000.3500 | -0004.5 | 033.1 | 36.40 |
| 135.0 | 100.0000 | 0259.7 | 099.9 | 326.4 | 000.3500 | 0011.1 | 034.4 | 35.91 |
| 136.0 | 100.0000 | 0249.4 | 098.9 | 323.4 | 000.3500 | 0015.4 | 035.1 | 35.65 |
| 137.0 | 100.0000 | 0249.1 | 098.9 | 320.6 | 000.3500 | 0017.2 | 034.9 | 35.70 |
| 138.0 | 100.0000 | 0260.5 | 100.0 | 317.7 | 000.3500 | 0046.2 | 033.8 | 39.45 |
| 139.0 | 100.0000 | 0281.8 | 102.0 | 314.5 | 000.3500 | 0019.6 | 031.9 | 36.84 |
| 140.0 | 100.0000 | 0307.9 | 104.2 | 310.6 | 000.3500 | -0000.9 | 029.9 | 37.73 |
| 141.0 | 100.0000 | 0335.5 | 106.3 | 306.2 | 000.3500 | -0047.8 | 028.3 | 38.57 |
| 142.0 | 100.0000 | 0365.0 | 108.4 | 301.1 | 000.3500 | -0114.9 | 026.9 | 39.42 |
| 143.0 | 100.0000 | 0397.7 | 111.2 | 294.7 | 000.3137 | -0056.4 | 025.2 | 40.02 |
| 144.0 | 100.0000 | 0433.7 | 114.4 | 286.6 | 000.2631 | 0109.1 | 023.6 | 51.64 |
| 145.0 | 100.0000 | 0469.8 | 117.7 | 277.3 | 000.2375 | 0425.0 | 022.5 | 63.93 |
| 146.0 | 100.0000 | 0502.2 | 120.6 | 268.1 | 000.2807 | 0522.3 | 022.4 | 66.44 |
| 147.0 | 100.0000 | 0528.3 | 122.8 | 260.6 | 000.3119 | 0570.2 | 023.3 | 67.10 |
| 148.0 | 100.0000 | 0549.1 | 124.5 | 255.1 | 000.3316 | 0592.4 | 024.7 | 66.77 |
| 149.0 | 100.0000 | 0567.8 | 125.9 | 250.9 | 000.3468 | 0600.0 | 026.5 | 65.94 |
| 150.0 | 100.0000 | 0586.7 | 127.2 | 247.4 | 000.3500 | 0603.0 | 028.5 | 64.85 |
| 151.0 | 100.0000 | 0603.6 | 128.4 | 244.7 | 000.3500 | 0603.7 | 030.6 | 63.71 |
| 152.0 | 100.0000 | 0615.8 | 129.1 | 243.2 | 000.3500 | 0605.2 | 032.8 | 62.66 |
| 153.0 | 100.0000 | 0623.6 | 129.6 | 242.4 | 000.3500 | 0606.1 | 035.1 | 61.65 |
| 154.0 | 100.0000 | 0630.5 | 130.0 | 241.8 | 000.3500 | 0606.1 | 037.4 | 60.64 |
| 155.0 | 100.0000 | 0638.1 | 130.5 | 241.3 | 000.3500 | 0606.9 | 039.7 | 59.67 |
| 156.0 | 100.0000 | 0645.7 | 130.9 | 241.0 | 000.3500 | 0606.9 | 042.0 | 58.72 |
| 157.0 | 100.0000 | 0651.4 | 131.2 | 240.8 | 000.3500 | 0606.9 | 044.3 | 57.80 |
| 158.0 | 100.0000 | 0655.4 | 131.5 | 240.9 | 000.3500 | 0606.9 | 046.6 | 56.92 |
| 159.0 | 100.0000 | 0658.2 | 131.6 | 241.1 | 000.3500 | 0606.9 | 048.9 | 56.07 |
| 160.0 | 100.0000 | 0660.7 | 131.8 | 241.3 | 000.3500 | 0606.9 | 051.2 | 55.24 |
| 161.0 | 100.0000 | 0663.6 | 131.9 | 241.6 | 000.3500 | 0606.1 | 053.5 | 54.39 |
| 162.0 | 100.0000 | 0667.2 | 132.1 | 241.8 | 000.3500 | 0606.1 | 055.8 | 53.56 |
| 163.0 | 100.0000 | 0671.0 | 132.3 | 242.0 | 000.3500 | 0606.1 | 058.1 | 52.74 |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|
| 164.0 | 100.0000 | 0675.9 | 132.6 | 242.2 | 000.3500 | 0606.1 | 060.4 | 51.92 |
| 165.0 | 100.0000 | 0682.4 | 132.9 | 242.4 | 000.3500 | 0606.1 | 062.8 | 51.12 |
| 166.0 | 100.0000 | 0687.7 | 133.2 | 242.6 | 000.3500 | 0605.2 | 065.1 | 50.34 |
| 167.0 | 100.0000 | 0691.9 | 133.4 | 243.0 | 000.3500 | 0605.2 | 067.4 | 49.58 |
| 168.0 | 100.0000 | 0697.7 | 133.6 | 243.2 | 000.3500 | 0605.2 | 069.8 | 48.82 |
| 169.0 | 100.0000 | 0704.5 | 134.0 | 243.5 | 000.3500 | 0605.2 | 072.1 | 48.06 |
| 170.0 | 100.0000 | 0710.3 | 134.2 | 243.8 | 000.3500 | 0604.3 | 074.4 | 47.29 |
| 171.0 | 100.0000 | 0716.1 | 134.5 | 244.1 | 000.3500 | 0604.3 | 076.7 | 46.54 |
| 172.0 | 100.0000 | 0722.9 | 134.8 | 244.4 | 000.3500 | 0604.3 | 079.1 | 45.80 |
| 173.0 | 100.0000 | 0729.6 | 135.1 | 244.8 | 000.3500 | 0603.7 | 081.4 | 45.04 |
| 174.0 | 100.0000 | 0735.4 | 135.3 | 245.2 | 000.3500 | 0603.7 | 083.7 | 44.30 |
| 175.0 | 100.0000 | 0739.9 | 135.5 | 245.6 | 000.3500 | 0603.2 | 086.0 | 43.56 |
| 176.0 | 100.0000 | 0744.2 | 135.7 | 246.0 | 000.3500 | 0603.2 | 088.3 | 42.84 |
| 177.0 | 100.0000 | 0750.1 | 135.9 | 246.4 | 000.3500 | 0603.2 | 090.6 | 42.12 |
| 178.0 | 100.0000 | 0753.9 | 136.0 | 246.9 | 000.3500 | 0603.0 | 092.9 | 41.43 |
| 179.0 | 100.0000 | 0757.5 | 136.2 | 247.3 | 000.3500 | 0603.0 | 095.1 | 40.75 |
| 180.0 | 100.0000 | 0761.0 | 136.3 | 247.8 | 000.3500 | 0602.8 | 097.4 | 40.09 |
| 181.0 | 100.0000 | 0764.6 | 136.4 | 248.3 | 000.3500 | 0602.8 | 099.6 | 39.47 |
| 182.0 | 100.0000 | 0769.2 | 136.6 | 248.7 | 000.3500 | 0602.2 | 101.9 | 38.86 |
| 183.0 | 100.0000 | 0773.6 | 136.7 | 249.2 | 000.3500 | 0602.2 | 104.1 | 38.28 |
| 184.0 | 100.0000 | 0776.1 | 136.8 | 249.7 | 000.3500 | 0601.3 | 106.3 | 37.69 |
| 185.0 | 100.0000 | 0776.5 | 136.8 | 250.2 | 000.3492 | 0601.3 | 108.5 | 37.12 |
| 186.0 | 100.0000 | 0776.5 | 136.8 | 250.8 | 000.3472 | 0600.0 | 110.7 | 36.51 |
| 187.0 | 100.0000 | 0776.2 | 136.8 | 251.3 | 000.3452 | 0600.0 | 112.8 | 35.90 |
| 188.0 | 100.0000 | 0775.9 | 136.8 | 251.9 | 000.3433 | 0598.4 | 115.0 | 35.26 |
| 189.0 | 100.0000 | 0775.1 | 136.8 | 252.4 | 000.3413 | 0598.4 | 117.1 | 34.64 |
| 190.0 | 100.0000 | 0775.0 | 136.8 | 252.9 | 000.3394 | 0596.5 | 119.2 | 33.99 |
| 191.0 | 100.0000 | 0774.9 | 136.8 | 253.5 | 000.3374 | 0596.5 | 121.3 | 33.37 |
| 192.0 | 100.0000 | 0772.9 | 136.7 | 254.0 | 000.3354 | 0594.5 | 123.4 | 32.74 |
| 193.0 | 100.0000 | 0767.7 | 136.5 | 254.7 | 000.3333 | 0592.4 | 125.4 | 32.12 |
| 194.0 | 100.0000 | 0759.7 | 136.3 | 255.3 | 000.3310 | 0592.4 | 127.3 | 31.56 |
| 195.0 | 100.0000 | 0749.4 | 135.9 | 256.0 | 000.3286 | 0590.1 | 129.2 | 30.99 |
| 196.0 | 100.0000 | 0736.9 | 135.4 | 256.7 | 000.3261 | 0587.1 | 131.0 | 30.43 |
| 197.0 | 100.0000 | 0728.6 | 135.0 | 257.3 | 000.3238 | 0587.1 | 132.9 | 29.90 |
| 198.0 | 100.0000 | 0726.6 | 134.9 | 257.9 | 000.3219 | 0583.6 | 134.9 | 29.31 |

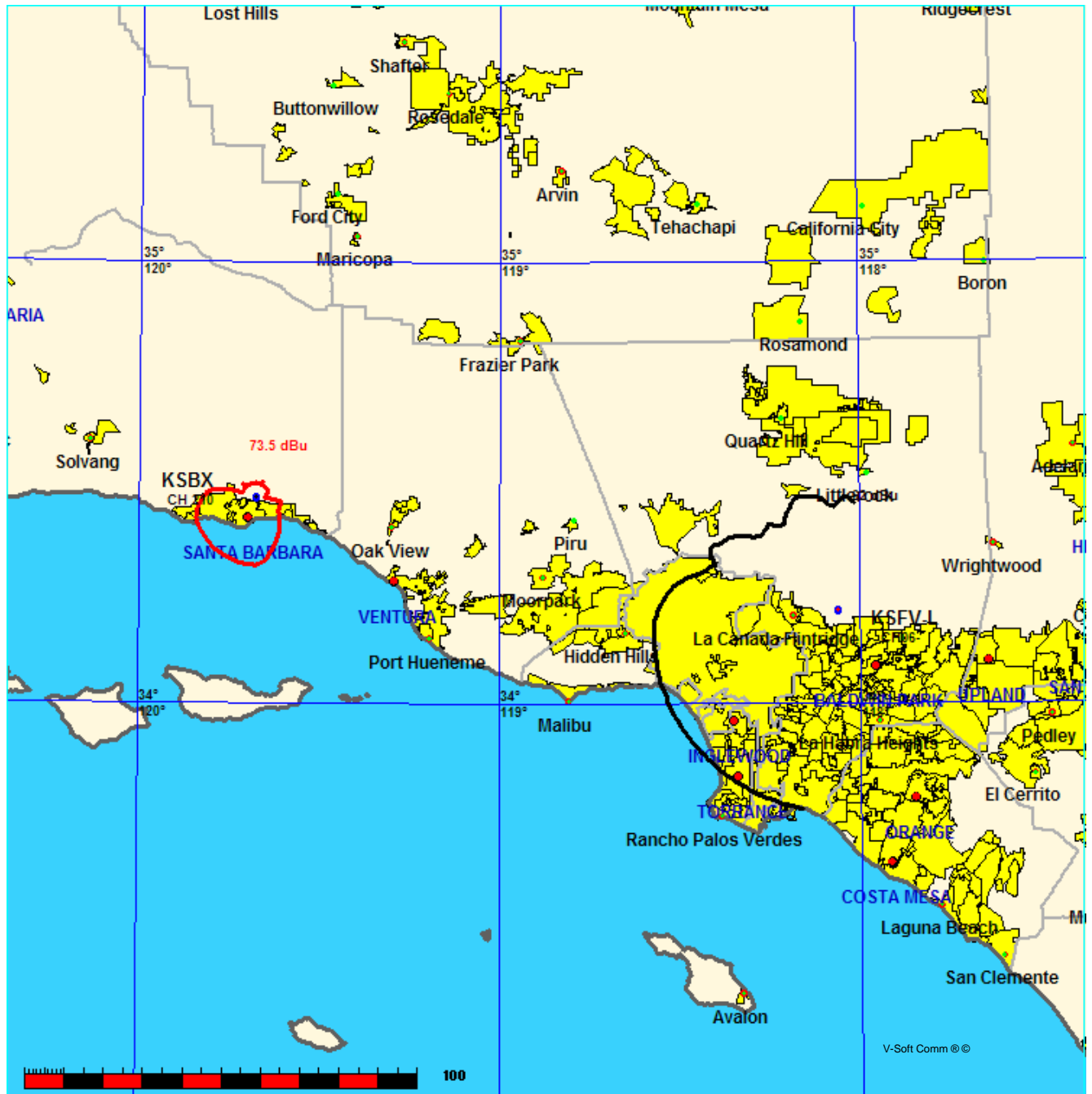
Kcbx, Inc. (KSBX)
Protection to KSFV-LP-TV CH6

FMCommander Allocation Study
03-31-2006

KSBX CH 210 A
0.35 kW 661 M COR DA
Intef. = 73.5 dBu

KSFV-L CH 06- T BPTVL20021018AAZ
0.499 kW, 1680 M COR
Prot. = 47 dBu

Scale = 1:2,500,000



Channel-Six TV Protection Study

KSFV-L CP 06- T Dom 0.499 kW 1486 M HAAT C N
San Fernando Valley CA 1680M COR AMSL
Lat= 34 12 46, Lng= 118 03 42
Venture Technologies Group BPTVL20021018AAZ
Fac ID# 49704, Cutoff Date= 4 025
Dist.=151.2711 km, Azi=100.3°, Rev Azi=281.2°

Direct line HAAT Grade B, 62 dBu= 39.42 km & Grade A= 27.63 km

Distance from reference to Grade B = 111.86 km

Cutoff Dist from Full Service or Class CA= 196

Maximum Co-located power= 21.4 kW

KSFV-L Signal Contour at Reference location = 19.3 dBu

CH. 210, U/D ratio = 11.5 dB, Maximum FM signal = 73.5 dBu , 6 dB credit added

TV/FM D to U values

| | | | | | | | |
|------|------|------|------|------|------|------|------|
| 62.0 | 73.5 | 70.0 | 78.0 | 78.0 | 84.2 | 86.0 | 90.7 |
| 63.0 | 73.9 | 71.0 | 78.7 | 79.0 | 85.0 | 87.0 | 91.6 |
| 64.0 | 74.4 | 72.0 | 79.5 | 80.0 | 85.8 | 88.0 | 92.4 |
| 65.0 | 74.8 | 73.0 | 80.2 | 81.0 | 86.6 | 89.0 | 93.3 |
| 66.0 | 75.4 | 74.0 | 81.0 | 82.0 | 87.4 | 90.0 | 94.2 |
| 67.0 | 76.0 | 75.0 | 81.8 | 83.0 | 88.2 | 91.0 | 94.2 |
| 68.0 | 76.6 | 76.0 | 82.6 | 84.0 | 89.0 | 92.0 | 94.2 |
| 69.0 | 77.3 | 77.0 | 83.4 | 85.0 | 89.9 | 93.0 | 94.2 |

03-31-2006 30 Arc-Sec. Sec. Terrain Data

KSFV-L BPTVL20021018AAZ
 Channel = 06-T
 Max ERP = 0.499 kW
 RCAMSL = 1680 M
 N. Lat = 34 12 46
 W. Lng = 118 03 42
 Protected
 62 dBu

KSBX
 Channel = 210A
 Max ERP = 0.35 kW
 RCAMSL = 661 M
 N. Lat = 34 27 57
 W. Lng = 119 40 37
 Interfering
 73.5 dBu

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|
| 221.0 | 000.4990 | 1386.2 | 050.2 | 119.4 | 000.0293 | 0597.8 | 133.4 | 19.48 |
| 222.0 | 000.4990 | 1384.4 | 050.2 | 119.3 | 000.0293 | 0597.8 | 132.6 | 19.69 |
| 223.0 | 000.4990 | 1383.4 | 050.2 | 119.2 | 000.0294 | 0597.8 | 131.7 | 19.93 |
| 224.0 | 000.4990 | 1382.5 | 050.2 | 119.1 | 000.0294 | 0597.8 | 130.9 | 20.16 |
| 225.0 | 000.4990 | 1380.4 | 050.2 | 119.0 | 000.0294 | 0597.8 | 130.0 | 20.39 |
| 226.0 | 000.4990 | 1376.9 | 050.1 | 118.9 | 000.0294 | 0597.8 | 129.2 | 20.61 |
| 227.0 | 000.4990 | 1373.0 | 050.1 | 118.8 | 000.0295 | 0597.8 | 128.4 | 20.84 |
| 228.0 | 000.4990 | 1369.4 | 050.1 | 118.6 | 000.0295 | 0597.8 | 127.6 | 21.07 |
| 229.0 | 000.4990 | 1366.0 | 050.0 | 118.5 | 000.0295 | 0590.6 | 126.7 | 21.20 |
| 230.0 | 000.4990 | 1362.4 | 050.0 | 118.3 | 000.0296 | 0590.6 | 125.9 | 21.43 |
| 231.0 | 000.4990 | 1359.0 | 049.9 | 118.2 | 000.0296 | 0590.6 | 125.1 | 21.65 |
| 232.0 | 000.4990 | 1356.3 | 049.9 | 118.0 | 000.0297 | 0590.6 | 124.3 | 21.88 |
| 233.0 | 000.4990 | 1353.9 | 049.9 | 117.8 | 000.0297 | 0590.6 | 123.5 | 22.10 |
| 234.0 | 000.4990 | 1351.5 | 049.9 | 117.6 | 000.0297 | 0590.6 | 122.8 | 22.33 |
| 235.0 | 000.4990 | 1348.8 | 049.8 | 117.4 | 000.0298 | 0582.0 | 122.0 | 22.42 |
| 236.0 | 000.4990 | 1345.9 | 049.8 | 117.2 | 000.0298 | 0582.0 | 121.2 | 22.64 |
| 237.0 | 000.4990 | 1342.0 | 049.8 | 117.0 | 000.0299 | 0582.0 | 120.5 | 22.86 |
| 238.0 | 000.4990 | 1336.6 | 049.7 | 116.8 | 000.0299 | 0582.0 | 119.8 | 23.06 |
| 239.0 | 000.4990 | 1329.6 | 049.6 | 116.5 | 000.0300 | 0582.0 | 119.1 | 23.27 |
| 240.0 | 000.4990 | 1321.7 | 049.5 | 116.3 | 000.0301 | 0572.1 | 118.4 | 23.30 |
| 241.0 | 000.4990 | 1313.3 | 049.4 | 116.0 | 000.0301 | 0572.1 | 117.7 | 23.49 |
| 242.0 | 000.4990 | 1305.2 | 049.3 | 115.7 | 000.0302 | 0572.1 | 117.1 | 23.68 |
| 243.0 | 000.4990 | 1298.3 | 049.2 | 115.4 | 000.0303 | 0561.1 | 116.4 | 23.66 |
| 244.0 | 000.4990 | 1292.6 | 049.2 | 115.2 | 000.0303 | 0561.1 | 115.8 | 23.84 |
| 245.0 | 000.4990 | 1288.1 | 049.1 | 114.9 | 000.0304 | 0561.1 | 115.2 | 24.02 |
| 246.0 | 000.4990 | 1284.5 | 049.1 | 114.6 | 000.0305 | 0561.1 | 114.5 | 24.20 |
| 247.0 | 000.4990 | 1281.0 | 049.0 | 114.3 | 000.0306 | 0549.2 | 113.9 | 24.11 |
| 248.0 | 000.4990 | 1275.3 | 049.0 | 114.0 | 000.0306 | 0549.2 | 113.3 | 24.28 |
| 249.0 | 000.4990 | 1267.5 | 048.9 | 113.6 | 000.0307 | 0549.2 | 112.8 | 24.43 |
| 250.0 | 000.4990 | 1257.5 | 048.7 | 113.3 | 000.0308 | 0536.4 | 112.3 | 24.26 |
| 251.0 | 000.4990 | 1247.3 | 048.6 | 112.9 | 000.0309 | 0536.4 | 111.8 | 24.40 |
| 252.0 | 000.4990 | 1237.7 | 048.5 | 112.5 | 000.0310 | 0536.4 | 111.3 | 24.54 |
| 253.0 | 000.4990 | 1227.2 | 048.3 | 112.2 | 000.0311 | 0522.3 | 110.9 | 24.30 |
| 254.0 | 000.4990 | 1217.6 | 048.2 | 111.8 | 000.0312 | 0522.3 | 110.4 | 24.42 |
| 255.0 | 000.4990 | 1210.0 | 048.1 | 111.4 | 000.0313 | 0506.8 | 110.0 | 24.13 |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|
| 256.0 | 000.4990 | 1204.0 | 048.0 | 111.0 | 000.0314 | 0506.8 | 109.6 | 24.26 |
| 257.0 | 000.4990 | 1199.8 | 048.0 | 110.6 | 000.0315 | 0506.8 | 109.1 | 24.39 |
| 258.0 | 000.4990 | 1194.9 | 047.9 | 110.2 | 000.0316 | 0488.9 | 108.7 | 24.02 |
| 259.0 | 000.4990 | 1188.4 | 047.8 | 109.8 | 000.0319 | 0488.9 | 108.4 | 24.17 |
| 260.0 | 000.4990 | 1180.8 | 047.7 | 109.4 | 000.0328 | 0467.5 | 108.0 | 23.77 |
| 261.0 | 000.4990 | 1173.9 | 047.6 | 109.0 | 000.0336 | 0467.5 | 107.7 | 23.97 |
| 262.0 | 000.4990 | 1167.4 | 047.5 | 108.6 | 000.0345 | 0467.5 | 107.4 | 24.16 |
| 263.0 | 000.4990 | 1160.7 | 047.4 | 108.2 | 000.0354 | 0445.2 | 107.1 | 23.71 |
| 264.0 | 000.4990 | 1152.7 | 047.3 | 107.8 | 000.0363 | 0445.2 | 106.9 | 23.89 |
| 265.0 | 000.4990 | 1142.3 | 047.1 | 107.3 | 000.0373 | 0422.3 | 106.7 | 23.39 |
| 266.0 | 000.4990 | 1130.9 | 047.0 | 106.9 | 000.0383 | 0422.3 | 106.5 | 23.54 |
| 267.0 | 000.4990 | 1117.6 | 046.8 | 106.4 | 000.0393 | 0400.1 | 106.4 | 23.03 |
| 268.0 | 000.4990 | 1101.6 | 046.5 | 106.0 | 000.0403 | 0400.1 | 106.4 | 23.15 |
| 269.0 | 000.4990 | 1082.2 | 046.2 | 105.5 | 000.0414 | 0377.6 | 106.5 | 22.56 |
| 270.0 | 000.4990 | 1062.5 | 045.8 | 105.0 | 000.0425 | 0377.6 | 106.6 | 22.65 |
| 271.0 | 000.4990 | 1042.6 | 045.5 | 104.6 | 000.0436 | 0377.6 | 106.7 | 22.72 |
| 272.0 | 000.4990 | 1022.4 | 045.1 | 104.1 | 000.0447 | 0354.7 | 106.9 | 21.94 |
| 273.0 | 000.4990 | 1000.3 | 044.7 | 103.6 | 000.0458 | 0354.7 | 107.1 | 21.98 |
| 274.0 | 000.4990 | 0978.3 | 044.3 | 103.2 | 000.0469 | 0335.0 | 107.4 | 21.21 |
| 275.0 | 000.4990 | 0956.5 | 043.8 | 102.7 | 000.0480 | 0335.0 | 107.7 | 21.23 |
| 276.0 | 000.4990 | 0932.7 | 043.3 | 102.3 | 000.0491 | 0315.0 | 108.1 | 20.46 |
| 277.0 | 000.4990 | 0905.8 | 042.8 | 101.9 | 000.0501 | 0315.0 | 108.6 | 20.42 |
| 278.0 | 000.4990 | 0877.3 | 042.1 | 101.5 | 000.0512 | 0291.2 | 109.2 | 19.66 |
| 279.0 | 000.4990 | 0847.9 | 041.4 | 101.1 | 000.0523 | 0291.2 | 109.8 | 19.56 |
| 280.0 | 000.4990 | 0814.9 | 040.6 | 100.7 | 000.0533 | 0291.2 | 110.7 | 19.42 |
| 281.0 | 000.4990 | 0779.4 | 039.6 | 100.3 | 000.0542 | 0261.8 | 111.6 | 18.47 |
| 282.0 | 000.4990 | 0747.4 | 038.7 | 100.0 | 000.0552 | 0261.8 | 112.5 | 18.32 |
| 283.0 | 000.4990 | 0714.4 | 037.7 | 099.6 | 000.0560 | 0261.8 | 113.5 | 18.14 |
| 284.0 | 000.4990 | 0682.9 | 036.8 | 099.3 | 000.0568 | 0224.5 | 114.5 | 17.02 |
| 285.0 | 000.4990 | 0656.3 | 036.0 | 099.1 | 000.0575 | 0224.5 | 115.4 | 16.89 |
| 286.0 | 000.4990 | 0633.3 | 035.3 | 098.8 | 000.0582 | 0224.5 | 116.1 | 16.78 |
| 287.0 | 000.4990 | 0610.8 | 034.6 | 098.5 | 000.0589 | 0224.5 | 116.9 | 16.67 |
| 288.0 | 000.4990 | 0596.9 | 034.1 | 098.3 | 000.0596 | 0184.9 | 117.4 | 15.65 |
| 289.0 | 000.4990 | 0589.4 | 033.9 | 098.0 | 000.0604 | 0184.9 | 117.7 | 15.63 |
| 290.0 | 000.4990 | 0590.9 | 034.0 | 097.7 | 000.0612 | 0184.9 | 117.8 | 15.68 |
| 291.0 | 000.4990 | 0602.4 | 034.3 | 097.4 | 000.0621 | 0146.5 | 117.6 | 14.69 |
| 292.0 | 000.4990 | 0617.4 | 034.8 | 097.0 | 000.0631 | 0146.5 | 117.3 | 14.82 |
| 293.0 | 000.4990 | 0633.4 | 035.3 | 096.7 | 000.0641 | 0146.5 | 117.0 | 14.95 |
| 294.0 | 000.4990 | 0649.2 | 035.7 | 096.3 | 000.0652 | 0109.6 | 116.7 | 13.93 |
| 295.0 | 000.4990 | 0657.9 | 036.0 | 096.0 | 000.0662 | 0109.6 | 116.6 | 14.00 |
| 296.0 | 000.4990 | 0656.4 | 036.0 | 095.7 | 000.0671 | 0109.6 | 116.8 | 14.02 |
| 297.0 | 000.4990 | 0640.9 | 035.5 | 095.5 | 000.0677 | 0109.6 | 117.5 | 13.94 |
| 298.0 | 000.4990 | 0619.0 | 034.8 | 095.3 | 000.0682 | 0071.8 | 118.3 | 12.59 |
| 299.0 | 000.4990 | 0599.3 | 034.2 | 095.2 | 000.0687 | 0071.8 | 119.1 | 12.49 |
| 300.0 | 000.4990 | 0586.4 | 033.8 | 095.0 | 000.0693 | 0071.8 | 119.7 | 12.42 |
| 301.0 | 000.4990 | 0580.9 | 033.6 | 094.8 | 000.0700 | 0071.8 | 120.1 | 12.39 |
| 302.0 | 000.4990 | 0574.7 | 033.4 | 094.6 | 000.0707 | 0071.8 | 120.6 | 12.35 |
| 303.0 | 000.4990 | 0563.1 | 033.1 | 094.4 | 000.0712 | 0032.3 | 121.2 | 10.47 |
| 304.0 | 000.4990 | 0548.3 | 032.5 | 094.3 | 000.0716 | 0032.3 | 121.9 | 10.36 |
| 305.0 | 000.4990 | 0534.3 | 032.0 | 094.2 | 000.0719 | 0032.3 | 122.7 | 10.23 |
| 306.0 | 000.4990 | 0521.1 | 031.5 | 094.1 | 000.0723 | 0032.3 | 123.4 | 10.12 |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|
| 307.0 | 000.4990 | 0503.0 | 030.8 | 094.0 | 000.0724 | 0032.3 | 124.3 | 09.96 |
| 308.0 | 000.4990 | 0478.8 | 029.9 | 094.1 | 000.0724 | 0032.3 | 125.3 | 09.76 |
| 309.0 | 000.4990 | 0452.7 | 029.0 | 094.1 | 000.0723 | 0032.3 | 126.3 | 09.56 |
| 310.0 | 000.4990 | 0430.6 | 028.3 | 094.1 | 000.0723 | 0032.3 | 127.2 | 09.39 |
| 311.0 | 000.4990 | 0414.0 | 027.8 | 094.0 | 000.0724 | 0032.3 | 127.9 | 09.26 |
| 312.0 | 000.4990 | 0402.2 | 027.4 | 094.0 | 000.0726 | 0032.3 | 128.5 | 09.17 |
| 313.0 | 000.4990 | 0395.6 | 027.2 | 093.9 | 000.0730 | 0032.3 | 129.0 | 09.11 |
| 314.0 | 000.4990 | 0394.2 | 027.1 | 093.7 | 000.0735 | 0032.3 | 129.3 | 09.07 |
| 315.0 | 000.4990 | 0396.0 | 027.2 | 093.5 | 000.0741 | 0032.3 | 129.6 | 09.06 |
| 316.0 | 000.4990 | 0397.5 | 027.2 | 093.4 | 000.0747 | -0015.5 | 129.8 | 08.90 |
| 317.0 | 000.4990 | 0399.3 | 027.3 | 093.2 | 000.0753 | -0015.5 | 130.1 | 08.88 |
| 318.0 | 000.4990 | 0404.4 | 027.5 | 093.0 | 000.0760 | -0015.5 | 130.3 | 08.88 |
| 319.0 | 000.4990 | 0410.5 | 027.7 | 092.8 | 000.0768 | -0015.5 | 130.5 | 08.88 |
| 320.0 | 000.4990 | 0410.2 | 027.6 | 092.6 | 000.0773 | -0015.5 | 130.9 | 08.85 |
| 321.0 | 000.4990 | 0398.6 | 027.3 | 092.6 | 000.0774 | -0015.5 | 131.5 | 08.74 |
| 322.0 | 000.4990 | 0381.8 | 026.8 | 092.6 | 000.0773 | -0015.5 | 132.2 | 08.60 |
| 323.0 | 000.4990 | 0368.6 | 026.3 | 092.6 | 000.0772 | -0015.5 | 132.8 | 08.48 |
| 324.0 | 000.4990 | 0360.2 | 026.0 | 092.6 | 000.0773 | -0015.5 | 133.4 | 08.38 |
| 325.0 | 000.4990 | 0352.6 | 025.8 | 092.6 | 000.0775 | -0015.5 | 133.9 | 08.29 |
| 326.0 | 000.4990 | 0346.8 | 025.6 | 092.5 | 000.0776 | -0015.5 | 134.4 | 08.21 |
| 327.0 | 000.4990 | 0349.1 | 025.6 | 092.4 | 000.0781 | -0071.9 | 134.7 | 08.18 |
| 328.0 | 000.4990 | 0361.6 | 026.1 | 092.1 | 000.0791 | -0071.9 | 134.8 | 08.21 |
| 329.0 | 000.4990 | 0378.4 | 026.6 | 091.8 | 000.0802 | -0071.9 | 134.8 | 08.27 |
| 330.0 | 000.4990 | 0393.2 | 027.1 | 091.5 | 000.0813 | -0071.9 | 135.0 | 08.29 |
| 331.0 | 000.4990 | 0404.9 | 027.5 | 091.3 | 000.0822 | -0128.3 | 135.2 | 08.30 |
| 332.0 | 000.4990 | 0415.2 | 027.8 | 091.1 | 000.0830 | -0128.3 | 135.4 | 08.30 |
| 333.0 | 000.4990 | 0426.5 | 028.2 | 090.8 | 000.0839 | -0128.3 | 135.7 | 08.30 |
| 334.0 | 000.4990 | 0439.1 | 028.6 | 090.6 | 000.0849 | -0128.3 | 135.9 | 08.30 |
| 335.0 | 000.4990 | 0451.0 | 029.0 | 090.4 | 000.0858 | -0184.6 | 136.2 | 08.30 |
| 336.0 | 000.4990 | 0462.0 | 029.3 | 090.1 | 000.0868 | -0184.6 | 136.5 | 08.29 |
| 337.0 | 000.4990 | 0472.8 | 029.7 | 089.9 | 000.0877 | -0184.6 | 136.8 | 08.28 |
| 338.0 | 000.4990 | 0482.0 | 030.0 | 089.7 | 000.0886 | -0184.6 | 137.2 | 08.26 |
| 339.0 | 000.4990 | 0485.3 | 030.2 | 089.5 | 000.0891 | -0184.6 | 137.6 | 08.20 |
| 340.0 | 000.4990 | 0482.8 | 030.1 | 089.5 | 000.0893 | -0211.3 | 138.1 | 08.11 |
| 341.0 | 000.4990 | 0478.5 | 029.9 | 089.5 | 000.0893 | -0211.3 | 138.7 | 08.02 |