Nearest Boom to +DC B-Field = 4

FILE = dt.clstr.100101_SC4_V12.sw.30.ps

TIME START 09:47:19.442677
END 09:47:19.443705

TOTAL ANGLE Spin Angle Cant Angle
09:47:19.4424 85.722118 16.187759
09:47:19.4426 85.765551 16.191712

EFFECTIVE BOOM LENGTH
@ AVG. TOTAL ANGLE = 42.1 m
DATA RATE = 0.0001111 s
SPLINED RATE = 0.0000278 s

VELOCITY (km/s)
SPLINED 1517
Range 758.******

Delay Error Range: (0.20) 0.0000000-0.0000556

SPLINED DELAY (Seconds)
-4 Points -2 Points -1 Point +1 Point +2 Points +4 Points
-0.116 0.620 0.893 0.977 0.879 0.636 -0.015

CROSS-CORRELATIONS
@ DELAY

+4 Points
0.000028

Delay Error Range: (0.20) 0.0000000-0.0000556

Par. Pk-Pk.: 2.1 mV/m
Time Width: 0.001028 s
E Field Polarity: +/-

V+, V, -E*L_B (DC Offsets Removed)

Volts

Seconds since 09:47:19

Potential

Volts

Seconds since 09:47:19

Structure Width: 1.6 km
Potential Amp: 0.22 V
Potential Diff: -0.02 V

Range (km): > 0.8  ******
Range (V): 0.09- ******
MLT (Hours): 0.00
Mlat (Degrees): 0.00

@ Vers. cl1.0 Nov 22, 2002