

CONFIGURATION ITEM	S1	S2	COMMENTS
<b>SYSTEM DEFINITION</b>			
Antenna_size_cm	120	120	
GPS	1	1	
COMP	1	2	2 = antenna mounted
MODE	2	2	
Fairing_Control_Present	0	2	2 = 2 switch configuration
Fairing_Stow_Delay	10	10	
<b>AZIMUTH CALIBRATION</b>			
Reference_Voltage	2.50	2.50	
Azim_offset	0.0	0.0	
ccw_azim_limit	180	90	??
Cw_azim_limit	180	90	??
Azim_Scale_Factor	76.35	76.35	
<b>ELEVATION CALIBRATION</b>			
Reference Voltage	1.69	1.69	
Elev_offset	0.0	0.0	
Up_elev_limit	90		??
Down_elev_limit	0		??
Elevation_Scale_Factor	50.00	50.00	
Elevation_look_configuration	1	1	
<b>POLARIZATION CAL</b>			
Reference Voltage	2.50	N/A	
Polarization_Offset	0.0	N/A	
CW Polarization Limit	90.0	N/A	
CCW Polarization Limit	90.0	N/A	
Pol_Scale_Factor	41.67	N/A	
Polarization_type	2	1	1 = Circular
H/V_Reference	1	N/A	
Default Horizontal Position	-45.0	N/A	
Default Vertical Position	45.0	N/A	
Pol_Automove_Enable	1	N/A	
<b>SIGNAL PARAMETERS</b>			
Channel 1 Polarity	1	1	
Channel 1 Threshold	100	50	?? Astrium ??
Channel 1 Delay	0.1	0.1	?? Astrium ??
Channel 1 Lock Type	0	0	
Channel 2 Polarity	1	1	
Channel 2 Threshold	100	50	?? Astrium ??
Channel 2 Delay	0.1	0.1	?? Astrium ??
Channel 2 Lock Type	0	0	
<b>AUTOPEAK</b>			
Autopeak Enabled	0	1	1 = enabled
Signal Source	1		?? Astrium ??
RF Band	1	4	4 = X-band
Spiral Search AZ Limit	3		?? Astrium ??
Spiral Search EL Limit	3		?? Astrium ??
Spiral Signal Threshold	200		?? Astrium ??
Scan Range Limit	8		?? Astrium ??
Scan Signal Threshold	200		?? Astrium ??

CONFIGURATION ITEM	S1	S2	COMMENTS
<b>AZIMUTH POT DRIVE</b>			
Fast/Slow Threshold	2.5	2.5	
Maximum Position Error	0.20	0.20	
Coast Threshold	0.1	0.1	
Maximum Retry Count	3	3	
<b>AZIMUTH PULSE DRIVE</b>			
Pulse Scale Factor	N/A	1260	?? new value for different pulse sensor ??
CW Pulse Limit	N/A	35000	** would change if scale factor changes **
CCW Pulse Limit	N/A	30500	** would change if scale factor changes **
Fast/Slow Threshold	N/A	50	
Maximum Position Error	N/A	0	
Coast Threshold	N/A	1	
Maximum Retry Count	N/A	3	
<b>AZIM DRIVE MONITORING</b>			
Jam Slop	1	1	
Runaway Slop	200	200	
Fast Deadband	1000	1000	
Slow Deadband	500	500	
<b>ELEV POT DRIVE</b>			
Fast/Slow Threshold	3.0	3.0	
Maximum Position Error	0.2	0.2	
Coast Threshold	0.4	0.4	
Maximum Retry Count	3	3	
<b>ELEV PULSE DRIVE</b>			
Pulse Scale Factor	N/A	2037	?? new value for different pulse sensor ??
UP Pulse Limit	N/A	6000	** would change if scale factor changes **
Down Pulse Limit	N/A	100	
Fast/Slow Threshold	N/A	50	
Maximum Position Error	N/A	0	
Coast Threshold	N/A	1	
Maximum Retry Count	N/A	3	
<b>ELEV DRIVE MONITORING</b>			
Jam Slop	1	1	
Runaway Slop	200	200	
Fast Deadband	1000	1000	
Slow Deadband	500	500	
<b>POL POT DRIVE</b>			
Fast/Slow Threshold	2.0	N/A	No pol drive
Maximum Position Error	0.5	N/A	
Coast Threshold	0.3	N/A	
Maximum Retry Count	3	N/A	
<b>POL DRIVE MONITORING</b>			
Jam Slop	1	N/A	No pol drive
Runaway Slop	200	N/A	
Fast Deadband	1000	N/A	
Slow Deadband	500	N/A	

CONFIGURATION ITEM	S1	S2	COMMENTS
<b>TRACK</b>			
Search Enable	N/A	0	transmit applications should not enable search
Max Track Error	N/A	3	
Search Width	N/A	4	
Peakup Holdoff Time	N/A	120	
Track Signal Source	N/A	SS1	
Signal Sample Time	N/A	2	?? Astrium ??
<b>REMOTE CONTROL</b>			
Remote Enabled	1	1	
Bus Address	50	50	
Baud Rate	6	6	
<b>STOW / DEPLOY</b>			
AZ STOW	0.0	0.0	
EL STOW	-67.5	-67.5	
PL STOW	0.0	0.0	
AZ DEPLOY	0.0	0.0	
EL DEPLOY	43.0	43.0	
PL DEPLOY	0.0	0.0	
PL ENABLED	1	1	