

Satellite	FO-29	Date	7/8/2019				Time	23:34:00				K9CIS, Decatur IL USA Data processing by K9WXC			
RAW DATA	Solar Array Current	Battery Current	Battery Voltage	Battery Mid-voltage	Bus Voltage	JTA TX Power	STR Temp 1	STR Temp 2	STR Temp 3	STR Temp 4	Batt. Cell Temp	Frame Time	Time Elapsed		
1	60	60	98	91	B1	63	A5	A6	A8	A4	A1	23:35:11	0:01:11		
2	60	61	99	92	B1	84	A5	A6	A8	A4	A1	23:35:58	0:00:47		
3	60	61	99	92	B1	79	A5	A6	A8	A4	A1	23:36:46	0:00:48		
4	62	61	9B	93	B1	84	A5	A6	A7	A4	A1	23:39:07	0:02:21		
5	63	61	9B	93	B0	73	A5	A6	A7	A4	A1	23:39:53	0:00:46		
6	63	61	9D	94	B1	8A	A5	A5	A7	A4	A1	23:41:27	0:01:34		
7	61	62	9A	94	B0	85	A5	A5	A6	A3	A1	23:45:18	0:03:51		
8	61	62	9A	94	B0	8F	A5	A5	A5	A3	A1	23:46:08	0:00:50		
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															

CALC. DATA	Solar Array Current (mA)	Battery Current (mA)	Battery Voltage (V)	Battery Mid-voltage (V)	Bus Voltage (V)	JTA TX Power (mW)	STR Temp 1 (°C)	STR Temp 2 (°C)	STR Temp 3 (°C)	STR Temp 4 (°C)	Batt. Cell Temp (°C)	Batt. Cell Temp (°F)	Frame Time	Time Elapsed
1	941.18	-118.40	16.36	6.98	17.35	545.38	17.75	17.36	16.59	18.14	19.30	66.7	23:35:11	0:01:11
2	941.18	-98.80	16.46	7.03	17.35	759.87	17.75	17.36	16.59	18.14	19.30	66.7	23:35:58	0:00:47
3	941.18	-98.80	16.46	7.03	17.35	688.38	17.75	17.36	16.59	18.14	19.30	66.7	23:36:46	0:00:48
4	960.79	-98.80	16.68	7.08	17.35	759.87	17.75	17.36	16.97	18.14	19.30	66.7	23:39:07	0:02:21
5	970.60	-98.80	16.68	7.08	17.26	649.38	17.75	17.36	16.97	18.14	19.30	66.7	23:39:53	0:00:46
6	970.60	-98.80	16.89	7.13	17.35	798.87	17.75	17.75	16.97	18.14	19.30	66.7	23:41:27	0:01:34
7	950.99	-79.20	16.57	7.13	17.26	766.37	17.75	17.75	17.36	18.53	19.30	66.7	23:45:18	0:03:51
8	950.99	-79.20	16.57	7.13	17.26	831.37	17.75	17.75	17.75	18.53	19.30	66.7	23:46:08	0:00:50
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
Average	953.44	-96.35	16.59	7.07	17.32	724.94	17.75	17.51	16.97	18.24	19.30	66.7		0:01:31