Title:	Electrical Test Report -Final

Page Number: _PAGE_

Title: Test Results Provided By

Operator:	Test Engineer
S/N:	retest 4-7
Final Test Result:	Failed
Run Number:	9
Cable Number:	1
Test Date:	5/30/2024
Test Time:	9:03:13 PM
Retry Count:	1
Test Name:	L1_Barrel_Power_F1_Connectivity
Lot ID:	

Title: Test Parameters

Wire Resistance:	10.0 Ohm
Shorts Test Resistance:	100 kOhm

Title: HV Test Parameters

DW Voltage:	Off
IR Voltage:	Off

Title: Nets Hipot Status

Name	Test Method	Measured IR	DW Total Current	DW Real Current

Title: Error Details

#	Type	From Points	To Points	Expected 1	Measured 1	Expected 2	Measured 2	Instruction Detail
1		J1-010	J1-012, J3-007					Net NC: SHORT J1-010 to J1-012 J3-007
2		J1-014	J1-016, J1-028, J1-030, J1-032, J1-046					Net NC: SHORT J1-014 to J1-016 J1-028 J1-030 J1-032 J1-046 J1-048 J7-005 J7-007 J7-059 J7-061 J7-063
2			J1-048, J7-005, J7-007, J7-059, J7-061					
2			J7-063					
3		J1-018	J1-020, J5-031					Net NC: SHORT J1-018 to J1-020 J5-031
4	WIRE	J1-020	J1-022					Net Net2: OPEN J1-020 to J1-022
5		J1-024, J1-034, J1-036, J1-038, J1-045						MISWIRE to J1-024 J1-034 J1-036 J1-038 J1-045 J1-047 J1-049 J1-050 J1-051 J1-052 J1-053 J5-031
5		J1-047, J1-049, J1-050, J1-051, J1-052						

5		J1-053, J5-031		
6	WIRE	J1-016	J1-026	Net Net1: OPEN J1-016 to J1-026
7		J1-028, J1-030, J1-032, J1-046, J1-048		MISWIRE to J1-028 J1-030 J1-032 J1-046 J1-048 J1-055 J3-026 J5-013 J7-002 J7-005 J7-007 J7-009 J7-038 J7-039 J7-041 J7-059 J7-06
7		J1-055, J3-026, J5-013, J7-002, J7-005		
7		J7-007, J7-009, J7-038, J7-039, J7-041		
7		J7-059, J7-061, J7-063		
8		J1-040	J1-058, J3-004, J5-001, J7-057	Net NC: SHORT J1-040 to J1-058 J3-004 J5-001 J7-057
9		J1-042	J5-027	Net NC: SHORT J1-042 to J5-027
10		J1-044	J5-030	Net NC: SHORT J1-044 to J5-030
11		J1-054	J5-022	Net NC: SHORT J1-054 to J5-022
12		J1-056	J5-006	Net NC: SHORT J1-056 to J5-006
13		J1-057	J1-059, J1-060, J1-062, J1-064, J3-053	Net NC: SHORT J1-057 to J1-059 J1-060 J1-062 J1-064 J3-053 J3-054 J3-055 J3-056 J3-057 J3-058 J3-059 J3-061 J5-051 J5-053 J5-054
13			J3-054, J3-055, J3-056, J3-057, J3-058	
13			J3-059, J3-061, J5-051, J5-053, J5-054	
13			J5-055, J5-056, J5-057, J5-058, J5-059	
13			J5-060, J5-062, J5-064	
14		J1-061	J1-063, J5-014	Net NC: SHORT J1-061 to J1-063 J5-014
15		J3-001	J3-002, J3-003, J3-005, J3-006, J3-009	Net NC: SHORT J3-001 to J3-002 J3-003 J3-005 J3-006 J3-009 J3-010 J3-011 J3-012 J3-013 J3-014 J3-016 J3-017 J3-018 J3-019 J3-020
15			J3-010, J3-011, J3-012, J3-013, J3-014	
15			J3-016, J3-017, J3-018, J3-019, J3-020	
15			J3-021, J3-022, J3-023, J3-024, J3-025	
15			J3-028, J3-029, J3-032, J3-033, J3-036	
15			J3-037, J3-038, J3-039, J3-040, J3-041	
15			J3-042, J3-044, J3-045, J3-047, J3-048	
15			J3-049, J3-050, J3-051, J3-052, J5-002	
15			J5-003, J5-004, J5-007, J5-008, J5-009	
15			J5-010, J5-011, J5-012, J5-015, J5-016	
15			J5-017, J5-018, J5-019, J5-020, J5-021	
15			J5-023, J5-024, J5-025, J5-026, J5-028	
15			J5-029, J5-032, J5-033, J5-034, J5-035	
15			J5-036, J5-037, J5-040, J5-041, J5-042	
15			J5-044, J5-045, J5-046, J5-047, J5-048	
15			J5-049, J5-050, J5-052, J7-040, J7-042	
15			J7-044, J7-048, J7-050, J7-052	
16		J3-008	J5-005, J7-022, J7-025, J7-058	Net NC: SHORT J3-008 to J5-005 J7-022 J7-025 J7-058
17	WIRE	J3-015	J3-025	Net Net3: OPEN J3-015 to J3-025
18		J3-028, J3-029, J3-032, J3-033, J3-036		MISWIRE to J3-028 J3-029 J3-032 J3-033 J3-036 J3-037 J3-038 J3-039 J3-040 J3-041 J3-042 J3-044 J3-045 J3-047 J3-048 J3-049 J3-05
18		J3-037, J3-038, J3-039, J3-040, J3-041		
18		J3-042, J3-044, J3-045, J3-047, J3-048		
18		J3-049, J3-050, J3-051, J3-052, J5-002		
18		J5-003, J5-004, J5-007, J5-008, J5-009		

18		J5-010, J5-011, J5-012, J5-015, J5-016		
18		J5-017, J5-018, J5-019, J5-020, J5-021		
18		J5-023, J5-024, J5-025, J5-026, J5-028		
18		J5-029, J5-032, J5-033, J5-034, J5-035		
18		J5-036, J5-037, J5-040, J5-041, J5-042		
18		J5-044, J5-045, J5-046, J5-047, J5-048		
18		J5-049, J5-050, J5-052, J7-033, J7-040		
18		J7-042, J7-044, J7-048, J7-050, J7-052		
18				
19		J3-027	J7-055	Net NC: SHORT J3-027 to J7-055
20		J3-030	J7-021	Net NC: SHORT J3-030 to J7-021
21		J3-031	J7-020	Net NC: SHORT J3-031 to J7-020
22		J3-034	J3-063, J3-064	Net NC: SHORT J3-034 to J3-063 J3-064
23		J3-035	J7-054	Net NC: SHORT J3-035 to J7-054
24		J3-043	J7-056	Net NC: SHORT J3-043 to J7-056
25		J3-046	J7-032	Net NC: SHORT J3-046 to J7-032
26		J3-060	J3-062, J7-011, J7-013, J7-015, J7-017	Net NC: SHORT J3-060 to J3-062 J7-011 J7-013 J7-015 J7-017 J7-019 J7-027 J7-029 J7-031 J7-035 J7-037
26			J7-019, J7-027, J7-029, J7-031, J7-035	
26			J7-037	
27		J5-038	J7-023	Net NC: SHORT J5-038 to J7-023
28		J5-039	J7-018	Net NC: SHORT J5-039 to J7-018
29		J5-043	J5-061, J5-063	Net NC: SHORT J5-043 to J5-061 J5-063
30		J7-001	J7-003, J7-043, J7-045, J7-047, J7-049	Net NC: SHORT J7-001 to J7-003 J7-043 J7-045 J7-047 J7-049 J7-051 J7-053 J7-060 J7-062 J7-064
30			J7-051, J7-053, J7-060, J7-062, J7-064	
30				
31		J7-004	J7-006, J7-008, J7-010, J7-012, J7-014	Net NC: SHORT J7-004 to J7-006 J7-008 J7-010 J7-012 J7-014 J7-016 J7-024 J7-026 J7-028 J7-030 J7-034 J7-036
31			J7-016, J7-024, J7-026, J7-028, J7-030	
31			J7-034, J7-036	
32	WIRE	J11-010	J11-012, J13-007, J13-031	Net Net5: OPEN J11-010 to J11-012 J13-007 J13-031
33	WIRE	J11-014	J11-016, J11-028, J11-030, J11-032	Net Net6: OPEN J11-014 to J11-016 J11-028 J11-030 J11-032
34	WIRE	J11-018	J11-020, J15-031	Net Net7: OPEN J11-018 to J11-020 J15-031
35	WIRE	J11-022	J11-024, J11-034, J11-036, J11-045, J11-047	Net Net8: OPEN J11-022 to J11-024 J11-034 J11-036 J11-045 J11-047 J11-049 J11-051 J11-052
35			J11-049, J11-051, J11-052	
36	WIRE	J11-026	J11-055, J13-026, J15-013	Net Net9: OPEN J11-026 to J11-055 J13-026 J15-013
37	WIRE	J11-056	J15-006	Net Net10: OPEN J11-056 to J15-006
38	WIRE	J11-057	J11-059, J11-062, J13-053, J13-054, J13-055	Net Net11: OPEN J11-057 to J11-059 J11-062 J13-053 J13-054 J13-055 J13-056 J13-057 J13-058 J13-059 J13-061 J15-051 J15-053 J15-0
38			J13-056, J13-057, J13-058, J13-059, J13-061	
38			J15-051, J15-053, J15-054, J15-055, J15-056	
38			J15-057, J15-058, J15-059, J15-060, J15-062	
38			J15-064	
39	WIRE	J11-058	J13-004, J15-001	Net Net12: OPEN J11-058 to J13-004 J15-001

40	WIRE	J11-061	J11-063, J15-014			Net Net13: OPEN J11-061 to J11-063 J15-014
41	WIRE	J13-001	J13-002, J13-003, J13-005, J13-006, J13-009			Net Net14: OPEN J13-001 to J13-002 J13-003 J13-005 J13-006 J13-009 J13-010 J13-011 J13-012 J13-013 J13-014 J13-016 J13-017 J13-0
41			J13-010, J13-011, J13-012, J13-013, J13-014
41			J13-016, J13-017, J13-018, J13-019, J13-020
41			J13-021, J13-022, J13-023, J13-024, J13-025
41			J13-028, J13-029, J13-032, J13-033, J13-036
41			J13-037, J13-038, J13-039, J13-040, J13-041
41			J13-042, J13-044, J13-045, J13-047, J13-048
41			J13-049, J13-050, J13-051, J13-052, J15-002
41			J15-003, J15-004, J15-007, J15-008, J15-009
41			J15-010, J15-011, J15-012, J15-015, J15-016
41			J15-017, J15-018, J15-019, J15-020, J15-021
41			J15-023, J15-024, J15-025, J15-026, J15-028
41			J15-029, J15-032, J15-033, J15-034, J15-035
41			J15-036, J15-037, J15-040, J15-041, J15-042
41			J15-044, J15-045, J15-046, J15-047, J15-048
41			J15-049, J15-050, J15-052
42	WIRE	J13-008	J15-005			Net Net15: OPEN J13-008 to J15-005
43	WIRE	J13-034	J13-063, J13-064			Net Net16: OPEN J13-034 to J13-063 J13-064
44	WIRE	J13-060	J13-062			Net Net17: OPEN J13-060 to J13-062
45	WIRE	J15-043	J15-061, J15-063			Net Net18: OPEN J15-043 to J15-061 J15-063

Title: Measured Values

#	Instruction Type	From Points	To Points	Value Measured	Value Expected	Measured Detail
1	WIRE	J1-016	J1-026	Not tested	10.0 Ohm	Not tested
2	WIRE	J1-020	J1-022	Not tested	10.0 Ohm	Not tested
3	WIRE	J3-015	J3-025	Not tested	10.0 Ohm	Not tested
4	WIRE	J3-019	J3-021	Not tested	10.0 Ohm	Not tested
5	WIRE	J11-010	J11-012	Not tested	10.0 Ohm	Not tested
6	WIRE	J11-012	J13-007	Not tested	10.0 Ohm	Not tested
7	WIRE	J13-007	J13-031	Not tested	10.0 Ohm	Not tested
8	WIRE	J11-014	J11-016	Not tested	10.0 Ohm	Not tested
9	WIRE	J11-016	J11-028	Not tested	10.0 Ohm	Not tested
10	WIRE	J11-028	J11-030	Not tested	10.0 Ohm	Not tested
11	WIRE	J11-030	J11-032	Not tested	10.0 Ohm	Not tested
12	WIRE	J11-018	J11-020	Not tested	10.0 Ohm	Not tested
13	WIRE	J11-020	J15-031	Not tested	10.0 Ohm	Not tested
14	WIRE	J11-022	J11-024	Not tested	10.0 Ohm	Not tested
15	WIRE	J11-024	J11-034	Not tested	10.0 Ohm	Not tested
16	WIRE	J11-034	J11-036	Not tested	10.0 Ohm	Not tested

17	WIRE	J11-036	J11-045	Not tested	10.0 Ohm	Not tested
18	WIRE	J11-045	J11-047	Not tested	10.0 Ohm	Not tested
19	WIRE	J11-047	J11-049	Not tested	10.0 Ohm	Not tested
20	WIRE	J11-049	J11-051	Not tested	10.0 Ohm	Not tested
21	WIRE	J11-051	J11-052	Not tested	10.0 Ohm	Not tested
22	WIRE	J11-026	J11-055	Not tested	10.0 Ohm	Not tested
23	WIRE	J11-055	J13-026	Not tested	10.0 Ohm	Not tested
24	WIRE	J13-026	J15-013	Not tested	10.0 Ohm	Not tested
25	WIRE	J11-056	J15-006	Not tested	10.0 Ohm	Not tested
26	WIRE	J11-057	J11-059	Not tested	10.0 Ohm	Not tested
27	WIRE	J11-059	J11-062	Not tested	10.0 Ohm	Not tested
28	WIRE	J11-062	J13-053	Not tested	10.0 Ohm	Not tested
29	WIRE	J13-053	J13-054	Not tested	10.0 Ohm	Not tested
30	WIRE	J13-054	J13-055	Not tested	10.0 Ohm	Not tested
31	WIRE	J13-055	J13-056	Not tested	10.0 Ohm	Not tested
32	WIRE	J13-056	J13-057	Not tested	10.0 Ohm	Not tested
33	WIRE	J13-057	J13-058	Not tested	10.0 Ohm	Not tested
34	WIRE	J13-058	J13-059	Not tested	10.0 Ohm	Not tested
35	WIRE	J13-059	J13-061	Not tested	10.0 Ohm	Not tested
36	WIRE	J13-061	J15-051	Not tested	10.0 Ohm	Not tested
37	WIRE	J15-051	J15-053	Not tested	10.0 Ohm	Not tested
38	WIRE	J15-053	J15-054	Not tested	10.0 Ohm	Not tested
39	WIRE	J15-054	J15-055	Not tested	10.0 Ohm	Not tested
40	WIRE	J15-055	J15-056	Not tested	10.0 Ohm	Not tested
41	WIRE	J15-056	J15-057	Not tested	10.0 Ohm	Not tested
42	WIRE	J15-057	J15-058	Not tested	10.0 Ohm	Not tested
43	WIRE	J15-058	J15-059	Not tested	10.0 Ohm	Not tested
44	WIRE	J15-059	J15-060	Not tested	10.0 Ohm	Not tested
45	WIRE	J15-060	J15-062	Not tested	10.0 Ohm	Not tested
46	WIRE	J15-062	J15-064	Not tested	10.0 Ohm	Not tested
47	WIRE	J11-058	J13-004	Not tested	10.0 Ohm	Not tested
48	WIRE	J13-004	J15-001	Not tested	10.0 Ohm	Not tested
49	WIRE	J11-061	J11-063	Not tested	10.0 Ohm	Not tested
50	WIRE	J11-063	J15-014	Not tested	10.0 Ohm	Not tested
51	WIRE	J13-001	J13-002	Not tested	10.0 Ohm	Not tested
52	WIRE	J13-002	J13-003	Not tested	10.0 Ohm	Not tested
53	WIRE	J13-003	J13-005	Not tested	10.0 Ohm	Not tested
54	WIRE	J13-005	J13-006	Not tested	10.0 Ohm	Not tested
55	WIRE	J13-006	J13-009	Not tested	10.0 Ohm	Not tested
56	WIRE	J13-009	J13-010	Not tested	10.0 Ohm	Not tested
57	WIRE	J13-010	J13-011	Not tested	10.0 Ohm	Not tested

58	WIRE	J13-011	J13-012	Not tested	10.0 Ohm	Not tested
59	WIRE	J13-012	J13-013	Not tested	10.0 Ohm	Not tested
60	WIRE	J13-013	J13-014	Not tested	10.0 Ohm	Not tested
61	WIRE	J13-014	J13-016	Not tested	10.0 Ohm	Not tested
62	WIRE	J13-016	J13-017	Not tested	10.0 Ohm	Not tested
63	WIRE	J13-017	J13-018	Not tested	10.0 Ohm	Not tested
64	WIRE	J13-018	J13-019	Not tested	10.0 Ohm	Not tested
65	WIRE	J13-019	J13-020	Not tested	10.0 Ohm	Not tested
66	WIRE	J13-020	J13-021	Not tested	10.0 Ohm	Not tested
67	WIRE	J13-021	J13-022	Not tested	10.0 Ohm	Not tested
68	WIRE	J13-022	J13-023	Not tested	10.0 Ohm	Not tested
69	WIRE	J13-023	J13-024	Not tested	10.0 Ohm	Not tested
70	WIRE	J13-024	J13-025	Not tested	10.0 Ohm	Not tested
71	WIRE	J13-025	J13-028	Not tested	10.0 Ohm	Not tested
72	WIRE	J13-028	J13-029	Not tested	10.0 Ohm	Not tested
73	WIRE	J13-029	J13-032	Not tested	10.0 Ohm	Not tested
74	WIRE	J13-032	J13-033	Not tested	10.0 Ohm	Not tested
75	WIRE	J13-033	J13-036	Not tested	10.0 Ohm	Not tested
76	WIRE	J13-036	J13-037	Not tested	10.0 Ohm	Not tested
77	WIRE	J13-037	J13-038	Not tested	10.0 Ohm	Not tested
78	WIRE	J13-038	J13-039	Not tested	10.0 Ohm	Not tested
79	WIRE	J13-039	J13-040	Not tested	10.0 Ohm	Not tested
80	WIRE	J13-040	J13-041	Not tested	10.0 Ohm	Not tested
81	WIRE	J13-041	J13-042	Not tested	10.0 Ohm	Not tested
82	WIRE	J13-042	J13-044	Not tested	10.0 Ohm	Not tested
83	WIRE	J13-044	J13-045	Not tested	10.0 Ohm	Not tested
84	WIRE	J13-045	J13-047	Not tested	10.0 Ohm	Not tested
85	WIRE	J13-047	J13-048	Not tested	10.0 Ohm	Not tested
86	WIRE	J13-048	J13-049	Not tested	10.0 Ohm	Not tested
87	WIRE	J13-049	J13-050	Not tested	10.0 Ohm	Not tested
88	WIRE	J13-050	J13-051	Not tested	10.0 Ohm	Not tested
89	WIRE	J13-051	J13-052	Not tested	10.0 Ohm	Not tested
90	WIRE	J13-052	J15-002	Not tested	10.0 Ohm	Not tested
91	WIRE	J15-002	J15-003	Not tested	10.0 Ohm	Not tested
92	WIRE	J15-003	J15-004	Not tested	10.0 Ohm	Not tested
93	WIRE	J15-004	J15-007	Not tested	10.0 Ohm	Not tested
94	WIRE	J15-007	J15-008	Not tested	10.0 Ohm	Not tested
95	WIRE	J15-008	J15-009	Not tested	10.0 Ohm	Not tested
96	WIRE	J15-009	J15-010	Not tested	10.0 Ohm	Not tested
97	WIRE	J15-010	J15-011	Not tested	10.0 Ohm	Not tested
98	WIRE	J15-011	J15-012	Not tested	10.0 Ohm	Not tested

99	WIRE	J15-012	J15-015	Not tested	10.0 Ohm	Not tested
100	WIRE	J15-015	J15-016	Not tested	10.0 Ohm	Not tested
101	WIRE	J15-016	J15-017	Not tested	10.0 Ohm	Not tested
102	WIRE	J15-017	J15-018	Not tested	10.0 Ohm	Not tested
103	WIRE	J15-018	J15-019	Not tested	10.0 Ohm	Not tested
104	WIRE	J15-019	J15-020	Not tested	10.0 Ohm	Not tested
105	WIRE	J15-020	J15-021	Not tested	10.0 Ohm	Not tested
106	WIRE	J15-021	J15-023	Not tested	10.0 Ohm	Not tested
107	WIRE	J15-023	J15-024	Not tested	10.0 Ohm	Not tested
108	WIRE	J15-024	J15-025	Not tested	10.0 Ohm	Not tested
109	WIRE	J15-025	J15-026	Not tested	10.0 Ohm	Not tested
110	WIRE	J15-026	J15-028	Not tested	10.0 Ohm	Not tested
111	WIRE	J15-028	J15-029	Not tested	10.0 Ohm	Not tested
112	WIRE	J15-029	J15-032	Not tested	10.0 Ohm	Not tested
113	WIRE	J15-032	J15-033	Not tested	10.0 Ohm	Not tested
114	WIRE	J15-033	J15-034	Not tested	10.0 Ohm	Not tested
115	WIRE	J15-034	J15-035	Not tested	10.0 Ohm	Not tested
116	WIRE	J15-035	J15-036	Not tested	10.0 Ohm	Not tested
117	WIRE	J15-036	J15-037	Not tested	10.0 Ohm	Not tested
118	WIRE	J15-037	J15-040	Not tested	10.0 Ohm	Not tested
119	WIRE	J15-040	J15-041	Not tested	10.0 Ohm	Not tested
120	WIRE	J15-041	J15-042	Not tested	10.0 Ohm	Not tested
121	WIRE	J15-042	J15-044	Not tested	10.0 Ohm	Not tested
122	WIRE	J15-044	J15-045	Not tested	10.0 Ohm	Not tested
123	WIRE	J15-045	J15-046	Not tested	10.0 Ohm	Not tested
124	WIRE	J15-046	J15-047	Not tested	10.0 Ohm	Not tested
125	WIRE	J15-047	J15-048	Not tested	10.0 Ohm	Not tested
126	WIRE	J15-048	J15-049	Not tested	10.0 Ohm	Not tested
127	WIRE	J15-049	J15-050	Not tested	10.0 Ohm	Not tested
128	WIRE	J15-050	J15-052	Not tested	10.0 Ohm	Not tested
129	WIRE	J13-008	J15-005	Not tested	10.0 Ohm	Not tested
130	WIRE	J13-034	J13-063	Not tested	10.0 Ohm	Not tested
131	WIRE	J13-063	J13-064	Not tested	10.0 Ohm	Not tested
132	WIRE	J13-060	J13-062	Not tested	10.0 Ohm	Not tested
133	WIRE	J15-043	J15-061	Not tested	10.0 Ohm	Not tested
134	WIRE	J15-061	J15-063	Not tested	10.0 Ohm	Not tested