भारत इलेक्ट्रॉनिक्स
BHARAT ELECTRONICS

TYPE-8 SIGNAL CONDITIONING CARD TEST REPORT
SL NO.:011
DATE:05-Mar-2022

1)	AD:LEFT WEIGHT ON WHEELS-CHANNEL-1						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	GND at P3/A25 and P3/B25(J2/A15=FALSE)	P3/A1 & P3/B1	OPEN	OPEN	OPEN	OHMS	PASS
2	GND at P3/A25 and P3/B25(J2/A15=FALSE)	J2/A17	FALSE	FALSE	FALSE	DI	PASS
3	0.1V at P3/A25 and P3/B25(J2/A15=FALSE)	P3/A1 & P3/B1	0	10	3.375659	OHMS	PASS
4	0.1V at P3/A25 and P3/B25(J2/A15=FALSE)	J2/A17	TRUE	TRUE	TRUE	DI	PASS
5	FALSE at J2/A1(J2/A15=TRUE)	P3/A1 & P3/B1	OPEN	OPEN	OPEN	OHMS	PASS
6	FALSE at J2/A1(J2/A15=TRUE)	J2/A17	FALSE	FALSE	FALSE	DI	PASS
7	TRUE at J2/A1(J2/A15=TRUE)	P3/A1 & P3/B1	0	10	3.372633	OHMS	PASS
8	TRUE at J2/A1(J2/A15=TRUE)	J2/A17	TRUE	TRUE	TRUE	DI	PASS

2)	AD:RIGHT WEIGHT ON WHEELS-CHANNEL-1						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	GND at P3/A26 and P3/B26(J2/A15=FALSE)	P3/A2 & P3/B2	OPEN	OPEN	OPEN	OHMS	PASS
2	GND at P3/A26 and P3/B26(J2/A15=FALSE)	J2/A21	FALSE	FALSE	FALSE	DI	PASS

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3	0.1V at P3/A26 and P3/B26(J2/A15=FALSE)	P3/A2 & P3/B2	0	10	3.817946	OHMS	PASS
4	0.1V at P3/A26 and P3/B26(J2/A15=FALSE)	J2/A21	TRUE	TRUE	TRUE	DI	PASS
5	FALSE at J2/A2(J2/A15=TRUE)	P3/A2 & P3/B2	OPEN	OPEN	OPEN	OHMS	PASS
6	FALSE at J2/A2(J2/A15=TRUE)	J2/A21	FALSE	FALSE	FALSE	DI	PASS
7	TRUE at J2/A2(J2/A15=TRUE)	P3/A2 & P3/B2	0	10	3.766879	OHMS	PASS
8	TRUE at J2/A2(J2/A15=TRUE)	J2/A21	TRUE	TRUE	TRUE	DI	PASS

3) AD:NOSE WEIGHT ON WHEELS-CHANNEL-1

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	GND at P3/A27 and P3/B27(J2/A15=FALSE)	P3/A3 & P3/B3	OPEN	OPEN	OPEN	OHMS	PASS
2	GND at P3/A27 and P3/B27(J2/A15=FALSE)	J2/A25	FALSE	FALSE	FALSE	DI	PASS
3	0.1V at P3/A27 and P3/B27(J2/A15=FALSE)	P3/A3 & P3/B3	0	10	4.467357	OHMS	PASS
4	0.1V at P3/A27 and P3/B27(J2/A15=FALSE)	J2/A25	TRUE	TRUE	TRUE	DI	PASS
5	FALSE at J2/A3(J2/A15=TRUE)	P3/A3 & P3/B3	OPEN	OPEN	OPEN	OHMS	PASS
6	FALSE at J2/A3(J2/A15=TRUE)	J2/A25	FALSE	FALSE	FALSE	DI	PASS
7	TRUE at J2/A3(J2/A15=TRUE)	P3/A3 & P3/B3	0	10	4.343069	OHMS	PASS
8	TRUE at J2/A3(J2/A15=TRUE)	J2/A25	TRUE	TRUE	TRUE	DI	PASS

4)	AD:LEFT WEIGHT ON WHEELS-CHANNEL-2						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	GNDV at P3/A25 and P3/B25(J2/A15=FALSE)	P3/A5 & P3/B5	OPEN	OPEN	OPEN	OHMS	PASS
2	GNDV at P3/A25 and P3/B25(J2/A15=FALSE)	J2/A18	FALSE	FALSE	FALSE	DI	PASS
3	0.1V at P3/A25 and P3/B25(J2/A15=FALSE)	P3/A5 & P3/B5	0	10	3.218209	OHMS	PASS
4	0.1V at P3/A25 and P3/B25(J2/A15=FALSE)	J2/A18	TRUE	TRUE	TRUE	DI	PASS
5	FALSE at J2/A4(J2/A15=TRUE)	P3/A5 & P3/B5	OPEN	OPEN	OPEN	OHMS	PASS
6	FALSE at J2/A4(J2/A15=TRUE)	J2/A18	FALSE	FALSE	FALSE	DI	PASS
7	TRUE at J2/A4(J2/A15=TRUE)	P3/A5 & P3/B5	0	10	3.206194	OHMS	PASS
8	TRUE at J2/A4(J2/A15=TRUE)	J2/A18	TRUE	TRUE	TRUE	DI	PASS

5)	AD:RIGHT WEIGHT ON WHEELS-CHANNEL-2						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	GNDV at P3/A26 and P3/B26(J2/A15=FALSE)	P3/A6 & P3/B6	OPEN	OPEN	OPEN	OHMS	PASS
2	GNDV at P3/A26 and P3/B26(J2/A15=FALSE)	J2/A22	FALSE	FALSE	FALSE	DI	PASS
3	0.1V at P3/A26 and P3/B26(J2/A15=FALSE)	P3/A6 & P3/B6	0	10	5.037011	OHMS	PASS
4	0.1V at P3/A26 and P3/B26(J2/A15=FALSE)	J2/A22	TRUE	TRUE	TRUE	DI	PASS
5	FALSE at J2/A5(J2/A15=TRUE)	P3/A6 & P3/B6	OPEN	OPEN	OPEN	OHMS	PASS

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6	FALSE at J2/A5(J2/A15=TRUE)	J2/A22	FALSE	FALSE	FALSE	DI	PASS
7	TRUE at J2/A5(J2/A15=TRUE)	P3/A6 & P3/B6	0	10	4.670359	OHMS	PASS
8	TRUE at J2/A5(J2/A15=TRUE)	J2/A22	TRUE	TRUE	TRUE	DI	PASS

6)	AD:NOSE WEIGHT ON WHEELS-CHANNEL-2						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	GNDV at P3/A27 and P3/B27(J2/A15=FALSE)	P3/A7 & P3/B7	OPEN	OPEN	OPEN	OHMS	PASS
2	GNDV at P3/A27 and P3/B27(J2/A15=FALSE)	J2/A26	FALSE	FALSE	FALSE	DI	PASS
3	0.1V at P3/A27 and P3/B27(J2/A15=FALSE)	P3/A7 & P3/B7	0	10	3.293072	OHMS	PASS
4	0.1V at P3/A27 and P3/B27(J2/A15=FALSE)	J2/A26	TRUE	TRUE	TRUE	DI	PASS

5	FALSE at J2/A6(J2/A15=TRUE)	P3/A7 & P3/B7	OPEN	OPEN	OPEN	OHMS	PASS
6	FALSE at J2/A6(J2/A15=TRUE)	J2/A26	FALSE	FALSE	FALSE	DI	PASS
7	TRUE at J2/A6(J2/A15=TRUE)	P3/A7 & P3/B7	0	10	3.291195	OHMS	PASS
8	TRUE at J2/A6(J2/A15=TRUE)	J1/A26	TRUE	TRUE	TRUE	DI	PASS

7)	AD:LEFT WEIGHT ON WHEELS-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	GND at P3/A25 and P3/B25(J2/A15=FALSE)	P3/A9 & P3/B9	OPEN	OPEN	OPEN	OHMS	PASS
2	GND at P3/A25 and P3/B25(J2/A15=FALSE)	J2/A19	FALSE	FALSE	FALSE	DI	PASS
3	0.1V at P3/A25 and P3/B25(J2/A15=FALSE)	P3/A9 & P3/B9	0	10	3.560551	OHMS	PASS
4	0.1V at P3/A25 and P3/B25(J2/A15=FALSE)	J2/A19	TRUE	TRUE	TRUE	DI	PASS
5	FALSE at J2/A7(J2/A15=TRUE)	P3/A9 & P3/B9	OPEN	OPEN	OPEN	OHMS	PASS
6	FALSE at J2/A7(J2/A15=TRUE)	J2/A19	FALSE	FALSE	FALSE	DI	PASS
7	TRUE at J2/A7(J2/A15=TRUE)	P3/A9 & P3/B9	0	10	3.516801	OHMS	PASS
8	TRUE at J2/A7(J2/A15=TRUE)	J2/A19	TRUE	TRUE	TRUE	DI	PASS

8)	AD:RIGHT WEIGHT ON WHEELS-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	GND at P3/A26 and P3/B26(J2/A15=FALSE)	P3/A10 & P3/B10	OPEN	OPEN	OPEN	OHMS	PASS
2	GND at P3/A26 and P3/B26(J2/A15=FALSE)	J2/A23	FALSE	FALSE	FALSE	DI	PASS
3	0.1V at P3/A26 and P3/B26(J2/A15=FALSE)	P3/A10 & P3/B10	0	10	3.255287	OHMS	PASS
4	0.1V at P3/A26 and P3/B26(J2/A15=FALSE)	J2/A23	TRUE	TRUE	TRUE	DI	PASS

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5	FALSE at J2/A8(J2/A15=TRUE)	P3/A10 & P3/B10	OPEN	OPEN	OPEN	OHMS	PASS
6	FALSE at J2/A8(J2/A15=TRUE)	J2/A23	FALSE	FALSE	FALSE	DI	PASS
7	TRUE at J2/A8(J2/A15=TRUE)	P3/A10 & P3/B10	0	10	3.251628	OHMS	PASS
8	TRUE at J2/A8(J2/A15=TRUE)	J2/A23	TRUE	TRUE	TRUE	DI	PASS

9)	AD:NOSE WEIGHT ON WHEELS-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	GND at P3/A27 and P3/B27(J2/A15=FALSE)	P3/A11 & P3/B11	OPEN	OPEN	OPEN	OHMS	PASS
2	GND at P3/A27 and P3/B27(J2/A15=FALSE)	J2/A27	FALSE	FALSE	FALSE	DI	PASS
3	0.1V at P3/A27 and P3/B27(J2/A15=FALSE)	P3/A11 & P3/B11	0	10	4.88013	OHMS	PASS
4	0.1V at P3/A27 and P3/B27(J2/A15=FALSE)	J2/A27	TRUE	TRUE	TRUE	DI	PASS
5	FALSE at J2/A9(J2/A15=TRUE)	P3/A11 & P3/B11	OPEN	OPEN	OPEN	OHMS	PASS
6	FALSE at J2/A9(J2/A15=TRUE)	J2/A27	FALSE	FALSE	FALSE	DI	PASS
7	TRUE at J2/A9(J2/A15=TRUE)	P3/A11 & P3/B11	0	10	4.529968	OHMS	PASS
8	TRUE at J2/A9(J2/A15=TRUE)	J2/A27	TRUE	TRUE	TRUE	DI	PASS

10)	AD:LEFT WEIGHT ON WHEELS-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	GND at P3/A25 and P3/B25(J2/A15=FALSE)	P3/A13 & P3/B13	OPEN	OPEN	OPEN	OHMS	PASS
2	GND at P3/A25 and P3/B25(J2/A15=FALSE)	J2/A20	FALSE	FALSE	FALSE	DI	PASS
3	0.1V at P3/A25 and P3/B25(J2/A15=FALSE)	P3/A13 & P3/B13	0	10	3.22411	OHMS	PASS
4	0.1V at P3/A25 and P3/B25(J2/A15=FALSE)	J2/A20	TRUE	TRUE	TRUE	DI	PASS

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5	FALSE at J2/A10(J2/A15=TRUE)	P3/A13 & P3/B13	OPEN	OPEN	OPEN	OHMS	PASS
6	FALSE at J2/A10(J2/A15=TRUE)	J2/A20	FALSE	FALSE	FALSE	DI	PASS
7	TRUE at J2/A10(J2/A15=TRUE)	P3/A13 & P3/B13	0	10	3.21409	OHMS	PASS
8	TRUE at J2/A10(J2/A15=TRUE)	J2/A20	TRUE	TRUE	TRUE	DI	PASS

11)	AD:RIGHT WEIGHT ON WHEELS-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	GND at P3/A26 and P3/B26(J2/A15=FALSE)	P3/A14 & P3/B14	OPEN	OPEN	OPEN	OHMS	PASS
2	GND at P3/A26 and P3/B26(J2/A15=FALSE)	J2/A24	FALSE	FALSE	FALSE	DI	PASS
3	0.1V at P3/A26 and P3/B26(J2/A15=FALSE)	P3/A14 & P3/B14	0	10	3.633547	OHMS	PASS
4	0.1V at P3/A26 and P3/B26(J2/A15=FALSE)	J2/A24	TRUE	TRUE	TRUE	DI	PASS
5	FALSE at J2/A11(J2/A15=TRUE)	P3/A14 & P3/B14	OPEN	OPEN	OPEN	OHMS	PASS
6	FALSE at J2/A11(J2/A15=TRUE)	J2/A24	FALSE	FALSE	FALSE	DI	PASS
7	TRUE at J2/A11(J2/A15=TRUE)	P3/A14 & P3/B14	0	10	3.615448	OHMS	PASS
8	TRUE at J2/A11(J2/A15=TRUE)	J2/A24	TRUE	TRUE	TRUE	DI	PASS

12)	AD:NOSE WEIGHT ON WHEELS-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	GND at P3/A27 and P3/B27(J2/A15=FALSE)	P3/A15 & P3/B15	OPEN	OPEN	OPEN	OHMS	PASS
2	GND at P3/A27 and P3/B27(J2/A15=FALSE)	J2/A28	FALSE	FALSE	FALSE	DI	PASS
3	0.1V at P3/A27 and P3/B27(J2/A15=FALSE)	P3/A15 & P3/B15	0	10	3.431918	OHMS	PASS
4	0.1V at P3/A27 and P3/B27(J2/A15=FALSE)	J2/A28	TRUE	TRUE	TRUE	DI	PASS
5	FALSE at J2/A12(J2/A15=TRUE)	P3/A15 & P3/B15	OPEN	OPEN	OPEN	OHMS	PASS
6	FALSE at J2/A12(J2/A15=TRUE)	J2/A28	FALSE	FALSE	FALSE	DI	PASS
7	TRUE at J2/A12(J2/A15=TRUE)	P3/A15 & P3/B15	0	10	3.407747	OHMS	PASS
8	TRUE at J2/A12(J2/A15=TRUE)	J2/A28	TRUE	TRUE	TRUE	DI	PASS

13)	CD:AUTO-CHANNEL-1						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/B1	P3/C2 & GND	-0.1	0.1	0.016074	Volts DC	PASS
2	FALSE at J2/B1	J2/B21	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/B1	P3/C2 & GND	27.44	28.56	27.899302	Volts DC	PASS
4	TRUE at J2/B1	J2/B21	FALSE	FALSE	FALSE	DI	PASS

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14)	CD:WEAPON AIR TO AIR-CHANNEL-1						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/B5	P3/C1 & GND	-0.1	0.1	0.016408	Volts DC	PASS
2	FALSE at J2/B5	J2/B25	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/B5	P3/C1 & GND	27.44	28.56	27.899789	Volts DC	PASS
4	TRUE at J2/B5	J2/B25	FALSE	FALSE	FALSE	DI	PASS

15)	CD:AUTO-CHANNEL-2						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/B2	P3/C4 & GND	-0.1	0.1	0.016048	Volts DC	PASS
2	FALSE at J2/B2	J2/B22	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/B2	P3/C4 & GND	27.44	28.56	27.900146	Volts DC	PASS
4	TRUE at J2/B2	J2/B22	FALSE	FALSE	FALSE	DI	PASS

16)	CD:WEAPON AIR TO AIR-CHANNEL-2						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/B6	P3/C3 & GND	-0.1	0.1	0.016266	Volts DC	PASS
2	FALSE at J2/B6	J2/B26	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/B6	P3/C3 & GND	27.44	28.56	27.900265	Volts DC	PASS
4	TRUE at J2/B6	J2/B26	FALSE	FALSE	FALSE	DI	PASS

17)	CD:AUTO-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/B3	P3/C6 & GND	-0.1	0.1	0.016092	Volts DC	PASS
2	FALSE at J2/B3	J2/B23	TRUE	TRUE	TRUE	DI	PASS

3	TRUE at J2/B3	P3/C6 & GND	27.44	28.56	27.900579	Volts DC	PASS
4	TRUE at J2/B3	J2/B23	FALSE	FALSE	FALSE	DI	PASS

18)	CD:WEAPON AIR TO AIR-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/B7	P3/C5 & GND	-0.1	0.1	0.016188	Volts DC	PASS
2	FALSE at J2/B7	J2/B27	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/B7	P3/C5 & GND	27.44	28.56	27.9006	Volts DC	PASS
4	TRUE at J2/B7	J2/B27	FALSE	FALSE	FALSE	DI	PASS

19)	CD:AUTO-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/B4	P3/C8 & GND	-0.1	0.1	0.015982	Volts DC	PASS
2	FALSE at J2/B4	J2/B24	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/B4	P3/C8 & GND	27.44	28.56	27.900622	Volts DC	PASS
4	TRUE at J2/B4	J2/B24	FALSE	FALSE	FALSE	DI	PASS

20)	CD:WEAPON AIR TO AIR-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/B8	P3/C7 & GND	-0.1	0.1	0.016168	Volts DC	PASS
2	FALSE at J2/B8	J2/B28	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/B8	P3/C7 & GND	27.44	28.56	27.901022	Volts DC	PASS
4	TRUE at J2/B8	J2/B28	FALSE	FALSE	FALSE	DI	PASS

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21)	SSCDR DISCRETES:APENG MON-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	15V at P2/C30 and GND	J1/C2 & GND	FALSE	FALSE	FALSE	DI	PASS
2	0V at P2/C30 and GND	J1/C2 & GND	TRUE	TRUE	TRUE	DI	PASS
3	-15V at P2/C30 and GND	J1/C2 & GND	TRUE	TRUE	TRUE	DI	PASS

22)	SSCDR DISCRETES:LWOW MON-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	15V at P2/C31 and GND	J1/C3 & GND	FALSE	FALSE	FALSE	DI	PASS
2	0V at P2/C31 and GND	J1/C3 & GND	TRUE	TRUE	TRUE	DI	PASS
3	-15V at P2/C31 and GND	J1/C3 & GND	TRUE	TRUE	TRUE	DI	PASS

23)	SSCDR DISCRETES:ABPOS MON-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	15V at P2/C32 and GND	J1/C4 & GND	FALSE	FALSE	FALSE	DI	PASS
2	0V at P2/C32 and GND	J1/C4 & GND	TRUE	TRUE	TRUE	DI	PASS
3	-15V at P2/C32 and GND	J1/C4 & GND	TRUE	TRUE	TRUE	DI	PASS

24)	SSCDR DISCRETES:NWOW MON-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	15V at P2/C24 and GND	J1/C5 & GND	FALSE	FALSE	FALSE	DI	PASS
2	0V at P2/C24 and GND	J1/C5 & GND	TRUE	TRUE	TRUE	DI	PASS
3	-15V at P2/C24 and GND	J1/C5 & GND	TRUE	TRUE	TRUE	DI	PASS

25)	SSCDR DISCRETES:RWOW MON-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	15V at P2/C25 and GND	J1/C6 & GND	FALSE	FALSE	FALSE	DI	PASS
2	0V at P2/C25 and GND	J1/C6 & GND	TRUE	TRUE	TRUE	DI	PASS
3	-15V at P2/C25 and GND	J1/C6 & GND	TRUE	TRUE	TRUE	DI	PASS

26)	SSCDR DISCRETES:FCS FAIL WARN-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	15V at P2/C26 and GND	J1/C7 & GND	FALSE	FALSE	FALSE	DI	PASS
2	0V at P2/C26 and GND	J1/C7 & GND	TRUE	TRUE	TRUE	DI	PASS
3	-15V at P2/C26 and GND	J1/C7 & GND	TRUE	TRUE	TRUE	DI	PASS

27)	SSCDR DISCRETES:RUD AUTH MON- CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	15V at P2/C27 and GND	J1/C8 & GND	FALSE	FALSE	FALSE	DI	PASS
2	0V at P2/C27 and GND	J1/C8 & GND	TRUE	TRUE	TRUE	DI	PASS
3	-15V at P2/C27 and GND	J1/C8 & GND	TRUE	TRUE	TRUE	DI	PASS

28)	SSCDR DISCRETES:SPARE1- CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	15V at P2/C28 and GND	J1/C10 & GND	FALSE	FALSE	FALSE	DI	PASS
2	0V at P2/C28 and GND	J1/C10 & GND	TRUE	TRUE	TRUE	DI	PASS
3	-15V at P2/C28 and GND	J1/C10 & GND	TRUE	TRUE	TRUE	DI	PASS

29)	SSCDR DISCRETES:SPARE2-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	15V at P2/C29 and GND	J1/C11 & GND	FALSE	FALSE	FALSE	DI	PASS
2	0V at P2/C29 and GND	J1/C11 & GND	TRUE	TRUE	TRUE	DI	PASS
3	-15V at P2/C29 and GND	J1/C11 & GND	TRUE	TRUE	TRUE	DI	PASS

30)	SSCDR MONITORS:STK ROL MON- CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P2/C3 and GND	J3/A1 & GND	8.82	9.18	8.997201	Volts DC	PASS
2	0V at P2/C3 and GND	J3/A1 & GND	-0.1	0.1	0.006718	Volts DC	PASS
3	-5V at P2/C3 and GND	J3/A1 & GND	-9.18	-8.82	-8.992889	Volts DC	PASS

31)	SSCDR MONITORS:NOR ACCLN MON-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P2/C7 and GND	J3/A9 & GND	8.82	9.18	8.972195	Volts DC	PASS
2	0V at P2/C7 and GND	J3/A9 & GND	-0.1	0.1	0.008484	Volts DC	PASS
3	-5V at P2/C7 and GND	J3/A9 & GND	-9.18	-8.82	-8.970612	Volts DC	PASS

32)	SSCDR MONITORS:RP POS MON-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P2/C4 and GND	J3/A3 & GND	8.82	9.18	8.997337	Volts DC	PASS
2	0V at P2/C4 and GND	J3/A3 & GND	-0.1	0.1	0.00829	Volts DC	PASS
3	-5V at P2/C4 and GND	J3/A3 & GND	-9.18	-8.82	-8.992121	Volts DC	PASS

33)	SSCDR MONITORS:LOE POS MON-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P2/C5 and GND	J3/A4 & GND	8.82	9.18	8.98728	Volts DC	PASS
2	0V at P2/C5 and GND	J3/A4 & GND	-0.1	0.1	0.008133	Volts DC	PASS
3	-5V at P2/C5 and GND	J3/A4 & GND	-9.18	-8.82	-8.983288	Volts DC	PASS

34)	SSCDR MONITORS:LAOSS MON-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P2/C8 and GND	J3/A11 & GND	8.82	9.18	8.999403	Volts DC	PASS
2	0V at P2/C8 and GND	J3/A11 & GND	-0.1	0.1	0.008087	Volts DC	PASS
3	-5V at P2/C8 and GND	J3/A11 & GND	-9.18	-8.82	-8.994163	Volts DC	PASS

35)	SSCDR MONITORS:ROE POS MON-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P2/C6 and GND	J3/A6 & GND	8.82	9.18	8.991373	Volts DC	PASS
2	0V at P2/C6 and GND	J3/A6 & GND	-0.1	0.1	0.007971	Volts DC	PASS
3	-5V at P2/C6 and GND	J3/A6 & GND	-9.18	-8.82	-8.986788	Volts DC	PASS

36)	SSCDR MONITORS:STA PRS MON- CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P2/C9 and GND	J3/A13 & GND	8.82	9.18	9.00022	Volts DC	PASS
2	0V at P2/C9 and GND	J3/A13 & GND	-0.1	0.1	0.007994	Volts DC	PASS
3	-5V at P2/C9 and GND	J3/A13 & GND	-9.18	-8.82	-8.995161	Volts DC	PASS

37)	SSCDR MONITORS:DYN PRS MON-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P2/C10 and GND	J3/A14 & GND	8.82	9.18	9.004234	Volts DC	PASS
2	0V at P2/C10 and GND	J3/A14 & GND	-0.1	0.1	0.007951	Volts DC	PASS
3	-5V at P2/C10 and GND	J3/A14 & GND	-9.18	-8.82	-8.999189	Volts DC	PASS

38)	SSCDR MONITORS:TOT TEMP MON - CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P2/C12 and GND	J3/A18 & GND	8.82	9.18	8.998947	Volts DC	PASS
2	0V at P2/C12 and GND	J3/A18 & GND	-0.1	0.1	0.00787	Volts DC	PASS
3	-5V at P2/C12 and GND	J3/A18 & GND	-9.18	-8.82	-8.993993	Volts DC	PASS

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39)	SSCDR MONITORS:STK PIT MON-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P2/C15 and GND	J3/A2 & GND	8.82	9.18	8.97212	Volts DC	PASS
2	0V at P2/C15 and GND	J3/A2 & GND	-0.1	0.1	0.00673	Volts DC	PASS
3	-5V at P2/C15 and GND	J3/A2 & GND	-9.18	-8.82	-8.97549	Volts DC	PASS

40)	SSCDR MONITORS:LAT ACCLN MON-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P2/C19 and GND	J3/A10 & GND	8.82	9.18	8.878267	Volts DC	PASS
2	0V at P2/C19 and GND	J3/A10 & GND	-0.1	0.1	0.002548	Volts DC	PASS
3	-5V at P2/C19 and GND	J3/A10 & GND	-9.18	-8.82	-8.897605	Volts DC	PASS

41)	SSCDR MONITORS: LIE POS MON-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P2/C16 and GND	J3/A5 & GND	8.82	9.18	8.966691	Volts DC	PASS
2	0V at P2/C16 and GND	J3/A5 & GND	-0.1	0.1	0.006611	Volts DC	PASS
3	-5V at P2/C16 and GND	J3/A5 & GND	-9.18	-8.82	-8.966443	Volts DC	PASS

42)	SSCDR MONITORS:RAOSS POS MON-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P2/C20 and GND	J3/A12 & GND	8.82	9.18	8.922281	Volts DC	PASS
2	0V at P2/C20 and GND	J3/A12 & GND	-0.1	0.1	0.00487	Volts DC	PASS
3	-5V at P2/C20 and GND	J3/A12 & GND	-9.18	-8.82	-8.935518	Volts DC	PASS

43)	SSCDR MONITORS:RIE POS MON-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P2/C17 and GND	J3/A7 & GND	8.82	9.18	8.924674	Volts DC	PASS
2	0V at P2/C17 and GND	J3/A7 & GND	-0.1	0.1	0.004517	Volts DC	PASS
3	-5V at P2/C17 and GND	J3/A7 & GND	-9.18	-8.82	-8.932292	Volts DC	PASS

44)	SSCDR MONITORS:RUD POS MON-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P2/C18 and GND	J3/A8 & GND	8.82	9.18	8.915832	Volts DC	PASS
2	0V at P2/C18 and GND	J3/A8 & GND	-0.1	0.1	0.004341	Volts DC	PASS
3	-5V at P2/C18 and GND	J3/A8 & GND	-9.18	-8.82	-8.928849	Volts DC	PASS

45)	SSCDR MONITORS:L ON ACCLN MON- CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P2/C11 and GND	J3/A17 & GND	8.82	9.18	8.926075	Volts DC	PASS
2	0V at P2/C11 and GND	J3/A17 & GND	-0.1	0.1	0.004519	Volts DC	PASS
3	-5V at P2/C11 and GND	J3/A17 & GND	-9.18	-8.82	-8.933326	Volts DC	PASS

46)	SSCDR MONITORS:PIT RATE MON-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P3/C17 and GND	J3/A19 & GND	8.82	9.18	9.000524	Volts DC	PASS
2	0V at P3/C17 and GND	J3/A19 & GND	-0.1	0.1	0.007979	Volts DC	PASS
3	-5V at P3/C17 and GND	J3/A19 & GND	-9.18	-8.82	-8.995279	Volts DC	PASS

47)	SSCDR MONITORS: YAW RATE MON-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P3/C18 and GND	J3/A20 & GND	8.82	9.18	8.997752	Volts DC	PASS
2	0V at P3/C18 and GND	J3/A20 & GND	-0.1	0.1	0.007951	Volts DC	PASS
3	-5V at P3/C18 and GND	J3/A20 & GND	-9.18	-8.82	-8.99256	Volts DC	PASS

48)	SSCDR MONITORS:- LAB POS MON-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P3/C19 and GND	J3/A21 & GND	8.82	9.18	9.000207	Volts DC	PASS
2	0V at P3/C19 and GND	J3/A21 & GND	-0.1	0.1	0.007964	Volts DC	PASS
3	-5V at P3/C19 and GND	J3/A21 & GND	-9.18	-8.82	-8.994974	Volts DC	PASS

49)	SSCDR MONITORS: SPARE1 MON- CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P3/C20 and GND	J3/A22 & GND	8.82	9.18	8.99706	Volts DC	PASS
2	0V at P3/C20 and GND	J3/A22 & GND	-0.1	0.1	0.007958	Volts DC	PASS
3	-5V at P3/C20 and GND	J3/A22 & GND	-9.18	-8.82	-8.992106	Volts DC	PASS

50)	SSCDR MONITORS:SPARE2 MON-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P3/C21 and GND	J3/A23 & GND	8.82	9.18	8.942182	Volts DC	PASS
2	0V at P3/C21 and GND	J3/A23 & GND	-0.1	0.1	0.007939	Volts DC	PASS
3	-5V at P3/C21 and GND	J3/A23 & GND	-9.18	-8.82	-8.944884	Volts DC	PASS

51)	SSCDR MONITORS:SPARE3 MON- CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P3/C22 and GND	J3/A24 & GND	8.82	9.18	8.99938	Volts DC	PASS
2	0V at P3/C22 and GND	J3/A24 & GND	-0.1	0.1	0.007927	Volts DC	PASS
3	-5V at P3/C22 and GND	J3/A24 & GND	-9.18	-8.82	-8.994284	Volts DC	PASS

52)	SSCDR MONITORS:SPARE4 MON- CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P3/C23 and GND	J3/A25 & GND	8.82	9.18	9.003457	Volts DC	PASS
2	0V at P3/C23 and GND	J3/A25 & GND	-0.1	0.1	0.007969	Volts DC	PASS
3	-5V at P3/C23 and GND	J3/A25 & GND	-9.18	-8.82	-8.998407	Volts DC	PASS

53)	SSCDR MONITORS: ROL RATE MON- CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P3/C24 and GND	J3/A26 & GND	8.82	9.18	8.933303	Volts DC	PASS
2	0V at P3/C24 and GND	J3/A26 & GND	-0.1	0.1	0.005825	Volts DC	PASS
3	-5V at P3/C24 and GND	J3/A26 & GND	-9.18	-8.82	-8.937446	Volts DC	PASS

54)	SSCDR MONITORS:RAB MON-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P3/C25 and GND	J3/A27 & GND	8.82	9.18	8.94817	Volts DC	PASS
2	0V at P3/C25 and GND	J3/A27 & GND	-0.1	0.1	0.009907	Volts DC	PASS
3	-5V at P3/C25 and GND	J3/A27 & GND	-9.18	-8.82	-8.942782	Volts DC	PASS

55)	SSCDR MONITORS:SPARE1 MON- CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P3/C26 and GND	J3/A28 & GND	8.82	9.18	8.925164	Volts DC	PASS
2	0V at P3/C26 and GND	J3/A28 & GND	-0.1	0.1	0.004817	Volts DC	PASS
3	-5V at P3/C26 and GND	J3/A28 & GND	-9.18	-8.82	-8.940582	Volts DC	PASS

56)	SSCDR MONITORS:SPARE2 MON- CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P3/C27 and GND	J3/A29 & GND	8.82	9.18	8.968395	Volts DC	PASS
2	0V at P3/C27 and GND	J3/A29 & GND	-0.1	0.1	0.006443	Volts DC	PASS
3	-5V at P3/C27 and GND	J3/A29 & GND	-9.18	-8.82	-8.971829	Volts DC	PASS

57)	SSCDR MONITORS:SPARE3 MON- CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	5V at P3/C28 and GND	J3/A30 & GND	8.82	9.18	8.983472	Volts DC	PASS
2	0V at P3/C28 and GND	J3/A30 & GND	-0.1	0.1	0.007187	Volts DC	PASS
3	-5V at P3/C28 and GND	J3/A30 & GND	-9.18	-8.82	-8.981853	Volts DC	PASS

58)	CSD:AUTO PILOT ENGAGE-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J1/A1	P2/A1 & GND	27.44	28.56	28.023113	Volts DC	PASS
2	TRUE at J1/A1	J1/B1	FALSE	FALSE	FALSE	DI	PASS
3	FALSE at J1/A1	P2/A1 & GND	-0.1	0.1	0.01191	Volts DC	PASS
4	FALSE at J1/A1	J1/B1	TRUE	TRUE	TRUE	DI	PASS

59)	CSD:PITCH UP-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J1/A2	P2/A2 & GND	27.44	28.56	28.023048	Volts DC	PASS
2	TRUE at J1/A2	J1/B2	FALSE	FALSE	FALSE	DI	PASS
3	FALSE at J1/A2	P2/A2 & GND	-0.1	0.1	0.011871	Volts DC	PASS

4	FALSE at J1/A2	J1/B2	TRUE	TRUE	TRUE	DI	PASS

60)	CSD: PITCH DOWN-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J1/A3	P2/A3 & GND	27.44	28.56	28.023026	Volts DC	PASS
2	TRUE at J1/A3	J1/B3	FALSE	FALSE	FALSE	DI	PASS
3	FALSE at J1/A3	P2/A3 & GND	-0.1	0.1	0.011988	Volts DC	PASS
4	FALSE at J1/A3	J1/B3	TRUE	TRUE	TRUE	DI	PASS

61)	CSD:ROLL LEFT-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J1/A4	P2/A4 & GND	27.44	28.56	28.023026	Volts DC	PASS
2	TRUE at J1/A4	J1/B4	FALSE	FALSE	FALSE	DI	PASS
3	FALSE at J1/A4	P2/A4 & GND	-0.1	0.1	0.011851	Volts DC	PASS
4	FALSE at J1/A4	J1/B4	TRUE	TRUE	TRUE	DI	PASS

62)	CSD:ROLL RIGHT-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J1/A5	P2/A5 & GND	27.44	28.56	28.022788	Volts DC	PASS
2	TRUE at J1/A5	J1/B5	FALSE	FALSE	FALSE	DI	PASS
3	FALSE at J1/A5	P2/A5 & GND	-0.1	0.1	0.011855	Volts DC	PASS
4	FALSE at J1/A5	J1/B5	TRUE	TRUE	TRUE	DI	PASS

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63)	CSD:SPARE-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J1/A6	P2/A6 & GND	27.44	28.56	28.022897	Volts DC	PASS
2	TRUE at J1/A6	J1/B6	FALSE	FALSE	FALSE	DI	PASS
3	FALSE at J1/A6	P2/A6 & GND	-0.1	0.1	0.011829	Volts DC	PASS
4	FALSE at J1/A6	J1/B6	TRUE	TRUE	TRUE	DI	PASS

64)	CSD:AUTO LEVEL-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J1/A7	P2/A7 & GND	27.44	28.56	28.022669	Volts DC	PASS
2	TRUE at J1/A7	J1/B7	FALSE	FALSE	FALSE	DI	PASS
3	FALSE at J1/A7	P2/A7 & GND	-0.1	0.1	0.011866	Volts DC	PASS
4	FALSE at J1/A7	J1/B7	TRUE	TRUE	TRUE	DI	PASS

65)	CSD:PITCH UP-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J1/A8	P2/A8 & GND	27.44	28.56	28.022767	Volts DC	PASS
2	TRUE at J1/A8	J1/B8	FALSE	FALSE	FALSE	DI	PASS

3	FALSE at J1/A8	P2/A8 & GND	-0.1	0.1	0.0119	Volts DC	PASS
4	FALSE at J1/A8	J1/B8	TRUE	TRUE	TRUE	DI	PASS

66)	CSD:PITCH DOWN-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J1/A9	P2/A9 & GND	27.44	28.56	28.022788	Volts DC	PASS
2	TRUE at J1/A9	J1/B9	FALSE	FALSE	FALSE	DI	PASS
3	FALSE at J1/A9	P2/A9 & GND	-0.1	0.1	0.012099	Volts DC	PASS
4	FALSE at J1/A9	J1/B9	TRUE	TRUE	TRUE	DI	PASS

67)	CSD:ROLL LEFT-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J1/A10	P2/A10 & GND	27.44	28.56	28.02242	Volts DC	PASS
2	TRUE at J1/A10	J1/B10	FALSE	FALSE	FALSE	DI	PASS
3	FALSE at J1/A10	P2/A10 & GND	-0.1	0.1	0.011954	Volts DC	PASS
4	FALSE at J1/A10	J1/B10	TRUE	TRUE	TRUE	DI	PASS

68)	CSD:ROLL RIGHT-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J1/A11	P2/A11 & GND	27.44	28.56	28.02255	Volts DC	PASS
2	TRUE at J1/A11	J1/B11	FALSE	FALSE	FALSE	DI	PASS
3	FALSE at J1/A11	P2/A11 & GND	-0.1	0.1	0.012009	Volts DC	PASS
4	FALSE at J1/A11	J1/B11	TRUE	TRUE	TRUE	DI	PASS

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69)	CSD:AUTO PILOT DISCONNECT-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J1/A12	P2/A12 & GND	27.44	28.56	28.022464	Volts DC	PASS
2	TRUE at J1/A12	J1/B12	FALSE	FALSE	FALSE	DI	PASS
3	FALSE at J1/A12	P2/A12 & GND	-0.1	0.1	0.011954	Volts DC	PASS
4	FALSE at J1/A12	J1/B12	TRUE	TRUE	TRUE	DI	PASS

70)	CSD:GUN FIRE-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J1/A13	P2/A13 & GND	27.44	28.56	28.022496	Volts DC	PASS
2	TRUE at J1/A13	J1/B13	FALSE	FALSE	FALSE	DI	PASS
3	FALSE at J1/A13	P2/A13 & GND	-0.1	0.1	0.011265	Volts DC	PASS
4	FALSE at J1/A13	J1/B13	TRUE	TRUE	TRUE	DI	PASS

71)	CSD:AB-SEL-SW-CHANNEL-1						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A29	P3/B28 & GND	27.44	28.56	28.022572	Volts DC	PASS
2	TRUE at J2/A29	J2/B9	TRUE	TRUE	FALSE	DI	PASS

3	FALSE at J2/A29	P3/B28 & GND	-0.1	0.1	0.012058	Volts DC	PASS
4	FALSE at J2/A29	J2/B9	FALSE	FALSE	TRUE	DI	PASS

72)	CSD:AB-SEL-SW-CHANNEL-2						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A30	P3/B29 & GND	27.44	28.56	28.022399	Volts DC	PASS
2	TRUE at J2/A30	J2/B10	TRUE	TRUE	FALSE	DI	PASS
3	FALSE at J2/A30	P3/B29 & GND	-0.1	0.1	0.01196	Volts DC	PASS
4	FALSE at J2/A30	J2/B10	FALSE	FALSE	TRUE	DI	PASS

73)	CSD:AB-SEL-SW-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A31	P3/C29 & GND	27.44	28.56	28.022215	Volts DC	PASS
2	TRUE at J2/A31	J2/B15	TRUE	TRUE	FALSE	DI	PASS
3	FALSE at J2/A31	P3/C29 & GND	-0.1	0.1	0.011967	Volts DC	PASS
4	FALSE at J2/A31	J2/B15	FALSE	FALSE	TRUE	DI	PASS

74)	CSD:AB-SEL-SW-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A32	P3/C30 & GND	27.44	28.56	28.022345	Volts DC	PASS
2	TRUE at J2/A32	J2/B16	TRUE	TRUE	FALSE	DI	PASS
3	FALSE at J2/A32	P3/C30 & GND	-0.1	0.1	0.011947	Volts DC	PASS
4	FALSE at J2/A32	J2/B16	FALSE	FALSE	TRUE	DI	PASS

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75)	CSD:REFUEL CLAW-CHANNEL-1						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J1/A14	P3/A4 & GND	27.44	28.56	28.022193	Volts DC	PASS
2	TRUE at J1/A14	J2/B11	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/A14	P3/A4 & GND	-0.1	0.1	0.011797	Volts DC	PASS
4	FALSE at J1/A14	J2/B11	FALSE	FALSE	FALSE	DI	PASS

76)	CSD:REFUEL CLAW-CHANNEL-2						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J1/B14	P3/A8 & GND	27.44	28.56	28.011728	Volts DC	PASS
2	TRUE at J1/B14	J2/B12	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/B14	P3/A8 & GND	-0.1	0.1	0.013761	Volts DC	PASS
4	FALSE at J1/B14	J2/B12	FALSE	FALSE	FALSE	DI	PASS

77)	CSD:REFUEL CLAW-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J1/A15	P3/A12 & GND	27.44	28.56	28.022496	Volts DC	PASS
2	TRUE at J1/A15	J2/B13	TRUE	TRUE	TRUE	DI	PASS

3	FALSE at J1/A15	P3/A12 & GND	-0.1	0.1	0.011704	Volts DC	PASS
4	FALSE at J1/A15	J2/B13	FALSE	FALSE	FALSE	DI	PASS

78)	CSD:REFUEL CLAW-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at JI/B15	P3/A16 & GND	27.44	28.56	28.011967	Volts DC	PASS
2	TRUE at JI/B15	J2/B14	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at JI/B15	P3/A16 & GND	-0.1	0.1	0.013754	Volts DC	PASS
4	FALSE at JI/B15	J2/B14	FALSE	FALSE	FALSE	DI	PASS

79)	MIP:FCS RESET-CHANNEL-1						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/C1	P2/B14 & P2/A31	0	10	3.653974	OHMS	PASS
2	TRUE at J2/C1	J2/C17	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/C1	P2/B14 & P2/A31	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/C1	J2/C17	FALSE	FALSE	FALSE	DI	PASS

80)	MIP:RUD AUTH-CHANNEL-1						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/C2	P2/B15 & P2/A31	0	10	3.462398	OHMS	PASS
2	TRUE at J2/C2	J2/C18	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/C2	P2/B15 & P2/A31	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/C2	J2/C18	FALSE	FALSE	FALSE	DI	PASS

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81)	MIP:LES AUTO-CHANNEL-1						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/C3	P2/B16 & P2/A31	0	10	4.293064	OHMS	PASS
2	TRUE at J2/C3	J2/C19	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/C3	P2/B16 & P2/A31	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/C3	J2/C19	FALSE	FALSE	FALSE	DI	PASS

82)	MIP:LES EXTEND-CHANNEL-1						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/C4	P2/B17 & P2/A31	0	10	4.771323	OHMS	PASS
2	TRUE at J2/C4	J2/C20	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/C4	P2/B17 & P2/A31	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/C4	J2/C20	FALSE	FALSE	FALSE	DI	PASS

83)	MIP:FCS RESET-CHANNEL-2						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/C5	P2/B18 & P2/A32	0	10	7.421062	OHMS	PASS
2	TRUE at J2/C5	J2/C21	TRUE	TRUE	TRUE	DI	PASS

3	FALSE at J2/C5	P2/B18 & P2/A32	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/C5	J2/C21	FALSE	FALSE	FALSE	DI	PASS

84)	MIP:RUD AUTH-CHANNEL-2						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/C6	P2/B19 & P2/A32	0	10	3.811809	OHMS	PASS
2	TRUE at J2/C6	J2/C22	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/C6	P2/B19 & P2/A32	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/C6	J2/C22	FALSE	FALSE	FALSE	DI	PASS

85)	MIP:LES AUTO-CHANNEL-2						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/C7	P2/B20 & P2/A32	0	10	3.824426	OHMS	PASS
2	TRUE at J2/C7	J2/C23	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/C7	P2/B20 & P2/A32	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/C7	J2/C23	FALSE	FALSE	FALSE	DI	PASS

86)	MIP:LES EXTEND-CHANNEL-2						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/C8	P2/B21 & P2/A32	0	10	4.03615	OHMS	PASS
2	TRUE at J2/C8	J2/C24	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/C8	P2/B21 & P2/A32	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/C8	J2/C24	FALSE	FALSE	FALSE	DI	PASS

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87)	MIP:FCS RESET-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/C9	P2/B22 & P2/B31	0	10	3.602295	OHMS	PASS
2	TRUE at J2/C9	J2/C25	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/C9	P2/B22 & P2/B31	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/C9	J2/C25	FALSE	FALSE	FALSE	DI	PASS

88)	MIP:RUD AUTH-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/C10	P2/B23 & P2/B31	0	10	3.752385	OHMS	PASS
2	TRUE at J2/C10	J2/C26	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/C10	P2/B23 & P2/B31	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/C10	J2/C26	FALSE	FALSE	FALSE	DI	PASS

89)	MIP:LES AUTO-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/C11	P2/B24 & P2/B31	0	10	3.966941	OHMS	PASS
2	TRUE at J2/C11	J2/C27	TRUE	TRUE	TRUE	DI	PASS

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3	FALSE at J2/C11	P2/B24 & P2/B31	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/C11	J2/C27	FALSE	FALSE	FALSE	DI	PASS

90)	MIP:LES EXTEND-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/C12	P2/B25 & P2/B31	0	10	3.639437	OHMS	PASS
2	TRUE at J2/C12	J2/C28	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/C12	P2/B25 & P2/B31	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/C12	J2/C28	FALSE	FALSE	FALSE	DI	PASS

91)	MIP:FCS RESET-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/C13	P2/B26 & P2/B32	0	10	3.548396	OHMS	PASS
2	TRUE at J2/C13	J2/C29	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/C13	P2/B26 & P2/B32	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/C13	J2/C29	FALSE	FALSE	FALSE	DI	PASS

92)	MIP:RUD AUTH-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/C14	P2/B27 & P2/B32	0	10	3.836345	OHMS	PASS
2	TRUE at J2/C14	J2/C30	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/C14	P2/B27 & P2/B32	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/C14	J2/C30	FALSE	FALSE	FALSE	DI	PASS

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93)	MIP:LES AUTO-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/C15	P2/B28 & P2/B32	0	10	3.843673	OHMS	PASS
2	TRUE at J2/C15	J2/C31	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/C15	P2/B28 & P2/B32	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/C15	J2/C31	FALSE	FALSE	FALSE	DI	PASS

94)	MIP:LES EXTEND-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/C16	P2/B29 & P2/B32	0	10	3.618195	OHMS	PASS
2	TRUE at J2/C16	J2/C32	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/C16	P2/B29 & P2/B32	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/C16	J2/C32	FALSE	FALSE	FALSE	DI	PASS