

# TYPE-7 SIGNAL CONDITIONING CARD TEST REPORT

**SL NO.:01**

**DATE:27-Nov-2021**

1) GSE TEST INPUT:CHANNEL-1 ROE TEST INPUT							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at J3/B11(J1/B1=FALSE)	P3/A1&P3/B1	-0.1	0.1	0.054992	Volts DC	PASS
2	9V at J3/B11(J1/B1=FALSE)	P3/A1&P3/B1	9.8	10.2	9.889893	Volts DC	PASS
3	-9V at J3/B11(J1/B1=FALSE)	P3/A1&P3/B1	-10.2	-9.8	-9.914006	Volts DC	PASS
4	9V at J3/B11(J1/B1=TRUE)	P3/A1&P3/B1	-0.1	0.1	-0.1	Volts DC	PASS
5	9V at J3/B11(J1/B1=FALSE)	P3/A1&P3/B1	9.8	10.2	9.958627	Volts DC	PASS

2) GSE TEST INPUT:CHANNEL-2 LOE TEST INPUT							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at J3/B14(J1/B4=FALSE)	P3/A4&P3/B4	-0.1	0.1	-0.014402	Volts DC	PASS
2	9V at J3/B14(J1/B4=FALSE)	P3/A4&P3/B4	9.8	10.2	9.956762	Volts DC	PASS
3	-9V at J3/B14(J1/B4=FALSE)	P3/A4&P3/B4	-10.2	-9.8	-9.945791	Volts DC	PASS
4	9V at J3/B14(J1/B4=TRUE)	P3/A4&P3/B4	-0.1	0.1	-0.1	Volts DC	PASS
5	9V at J3/B14(J1/B4=FALSE)	P3/A4&P3/B4	9.8	10.2	9.977052	Volts DC	PASS

**3) GSE TEST INPUT:CHANNEL-2 RIE TEST INPUT**

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at J3/B12(J1/B2=FALSE)	P3/A2&P3/B2	-0.1	0.1	-0.001502	Volts DC	PASS
2	9V at J3/B12(J1/B2=FALSE)	P3/A2&P3/B2	9.8	10.2	9.960649	Volts DC	PASS
3	-9V at J3/B12(J1/B2=FALSE)	P3/A2&P3/B2	-10.2	-9.8	-9.956273	Volts DC	PASS
4	9V at J3/B12(J1/B2=TRUE)	P3/A2&P3/B2	-0.1	0.1	-0.1	Volts DC	PASS
5	9V at J3/B12(J1/B2=FALSE)	P3/A2&P3/B2	9.8	10.2	9.975827	Volts DC	PASS

**4) GSE TEST INPUT:CHANNEL-1 LIE TEST INPUT**

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at J3/B13(J1/B3=FALSE)	P3/A3&P3/B3	-0.1	0.1	-0.013428	Volts DC	PASS
2	9V at J3/B13(J1/B3=FALSE)	P3/A3&P3/B3	9.8	10.2	9.953183	Volts DC	PASS
3	-9V at J3/B13(J1/B3=FALSE)	P3/A3&P3/B3	-10.2	-9.8	-9.982843	Volts DC	PASS
4	9V at J3/B13(J1/B3=TRUE)	P3/A3&P3/B3	-0.1	0.1	-0.1	Volts DC	PASS
5	9V at J3/B13(J1/B3=FALSE)	P3/A3&P3/B3	9.8	10.2	9.978702	Volts DC	PASS

5)	GSE TEST INPUT:CHANNEL-1 RUD TEST INPUT						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at J3/B15(J1/B5=FALSE)	P3/A5&P3/B5	-0.1	0.1	-0.013454	Volts DC	PASS
2	9V at J3/B15(J1/B5=FALSE)	P3/A5&P3/B5	9.8	10.2	9.948757	Volts DC	PASS
3	-9V at J3/B15(J1/B5=FALSE)	P3/A5&P3/B5	-10.2	-9.8	-9.977006	Volts DC	PASS
4	9V at J3/B15(J1/B5=TRUE)	P3/A5&P3/B5	-0.1	0.1	-0.1	Volts DC	PASS
5	9V at J3/B15(J1/B5=FALSE)	P3/A5&P3/B5	9.8	10.2	9.973798	Volts DC	PASS

6)	GSE TEST INPUT:CHANNEL-1 ROS TEST INPUT						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
	0V at J3/B16	P3/A9&P3/B9	-0.1	0.1	-0.000661	Volts DC	PASS
	9V at J3/B16	P3/A9&P3/B9	9.8	10.2	9.991745	Volts DC	PASS
	-9V at J3/B16	P3/A9&P3/B9	-10.2	-9.8	-9.992256	Volts DC	PASS
	0V at J3/B16	J3/A1&GND	-0.1	0.1	0.006652	Volts DC	PASS
	9V at J3/B16	J3/A1&GND	9.8	10.2	-9.984631	Volts DC	PASS
	-9V at J3/B16	J3/A1&GND	-10.2	-9.8	9.997443	Volts DC	PASS

7) GSE TEST INPUT:CHANNEL-2 RMS TEST INPUT							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at J3/B19	P3/A10&P3/B10	-0.1	0.1	-0.007001	Volts DC	PASS
2	9V at J3/B19	P3/A10&P3/B10	9.8	10.2	9.946944	Volts DC	PASS
3	-9V at J3/B19	P3/A10&P3/B10	-10.2	-9.8	-9.978485	Volts DC	PASS
4	0V at J3/B19	J3/A4&GND	-0.1	0.1	0.010685	Volts DC	PASS
5	9V at J3/B19	J3/A4&GND	9.8	10.2	-9.953863	Volts DC	PASS
6	-9V at J3/B19	J3/A4&GND	-10.2	-9.8	9.981773	Volts DC	PASS

8) GSE TEST INPUT:CHANNEL-2 RIS TEST INPUT							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at J3/B20	P3/A11&P3/B11	-0.1	0.1	-0.001763	Volts DC	PASS
2	9V at J3/B20	P3/A11&P3/B11	9.8	10.2	9.969832	Volts DC	PASS
3	-9V at J3/B20	P3/A11&P3/B11	-10.2	-9.8	-9.977077	Volts DC	PASS
4	0V at J3/B20	J3/A5&GND	-0.1	0.1	0.010375	Volts DC	PASS
5	9V at J3/B20	J3/A5&GND	9.8	10.2	-9.968234	Volts DC	PASS
6	-9V at J3/B20	J3/A5&GND	-10.2	-9.8	9.98484	Volts DC	PASS

9) GSE TEST INPUT:CHANNEL-1 LOS TEST INPUT							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at J3/B17	P3/A7&P3/B7	-0.1	0.1	-0.00476	Volts DC	PASS
2	9V at J3/B17	P3/A7&P3/B7	9.8	10.2	9.952012	Volts DC	PASS
3	-9V at J3/B17	P3/A7&P3/B7	-10.2	-9.8	-9.970808	Volts DC	PASS
4	0V at J3/B17	J3/A2&GND	-0.1	0.1	0.007852	Volts DC	PASS
5	9V at J3/B17	J3/A2&GND	9.8	10.2	-9.957918	Volts DC	PASS
6	-9V at J3/B17	J3/A2&GND	-10.2	-9.8	9.975132	Volts DC	PASS

10) GSE TEST INPUT:CHANNEL-2 LMS TEST INPUT							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at J3/B21	P3/A8&P3/B8	-0.1	0.1	-0.0052	Volts DC	PASS
2	9V at J3/B21	P3/A8&P3/B8	9.8	10.2	9.948517	Volts DC	PASS
3	-9V at J3/B21	P3/A8&P3/B8	-10.2	-9.8	-9.975579	Volts DC	PASS
4	0V at J3/B21	J3/A6&GND	-0.1	0.1	0.008462	Volts DC	PASS
5	9V at J3/B21	J3/A6&GND	9.8	10.2	-9.957326	Volts DC	PASS
6	-9V at J3/B21	J3/A6&GND	-10.2	-9.8	9.980602	Volts DC	PASS

**11) GSE TEST INPUT:CHANNEL-1 LIS TEST INPUT**

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at J3/B18	P3/A12&P3/B12	-0.1	0.1	-0.001849	Volts DC	PASS
2	9V at J3/B18	P3/A12&P3/B12	9.8	10.2	9.981507	Volts DC	PASS
3	-9V at J3/B18	P3/A12&P3/B12	-10.2	-9.8	-9.960552	Volts DC	PASS
4	0V at J3/B18	J3/A3&GND	-0.1	0.1	0.011237	Volts DC	PASS
5	9V at J3/B18	J3/A3&GND	9.8	10.2	-9.970219	Volts DC	PASS
6	-9V at J3/B18	J3/A3&GND	-10.2	-9.8	9.975278	Volts DC	PASS

**12) GSE TEST INPUT:CHANNEL-1 RA TEST INPUT**

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at J3/B23	P3/A13&P3/B13	-0.1	0.1	-0.007899	Volts DC	PASS
2	9V at J3/B23	P3/A13&P3/B13	9.8	10.2	9.948112	Volts DC	PASS
3	-9V at J3/B23	P3/A13&P3/B13	-10.2	-9.8	-9.976319	Volts DC	PASS
4	0V at J3/B23	J3/A18&GND	-0.1	0.1	0.011402	Volts DC	PASS
5	9V at J3/B23	J3/A18&GND	9.8	10.2	-9.956986	Volts DC	PASS
6	-9V at J3/B23	J3/A18&GND	-10.2	-9.8	9.98282	Volts DC	PASS

**13) GSE TEST INPUT:CHANNEL-2 LA TEST INPUT**

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at J3/B22	P3/A6&P3/B6	-0.1	0.1	-0.000332	Volts DC	PASS
2	9V at J3/B22	P3/A6&P3/B6	9.8	10.2	9.987896	Volts DC	PASS
3	-9V at J3/B22	P3/A6&P3/B6	-10.2	-9.8	-9.973427	Volts DC	PASS
4	0V at J3/B22	J3/A17&GND	-0.1	0.1	0.006558	Volts DC	PASS
5	9V at J3/B22	J3/A17&GND	9.8	10.2	-9.985039	Volts DC	PASS
6	-9V at J3/B22	J3/A17&GND	-10.2	-9.8	9.97896	Volts DC	PASS

**14) GSE DISCRETES:CHANNEL-1 SW INTGR-IC**

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A1	P2/A1&P3/A31	0	10	3.380514	OHMS	PASS
2	TRUE at J2/A1	J2/B1&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A1	P2/A1&P3/A32	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A1	J2/B1&GND	FALSE	FALSE	FALSE	DI	PASS

15) GSE DISCRETES:CHANNEL-1 FAULT SELECT							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A2	P2/A2&P3/A33	0	10	3.753544	OHMS	PASS
2	TRUE at J2/A2	J2/B2&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A2	P2/A2&P3/A34	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A2	J2/B2&GND	FALSE	FALSE	FALSE	DI	PASS

16) GSE DISCRETES:CHANNEL-1 TEST INPUT							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A3	P2/A3&P3/A35	0	10	3.732015	OHMS	PASS
2	TRUE at J2/A3	J2/B3&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A3	P2/A3&P3/A36	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A3	J2/B3&GND	FALSE	FALSE	FALSE	DI	PASS

17) GSE DISCRETES:CHANNEL-1 GSE CONNECTED							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A4	P2/A4&P3/A37	0	10	3.721482	OHMS	PASS



2	TRUE at J2/A4	J2/B4&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A4	P2/A4&P3/A38	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A4	J2/B4&GND	FALSE	FALSE	FALSE	DI	PASS

<b>18) GSE DISCRETES:CHANNEL-1 EPROM ENABLE</b>							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A5	P2/A5&P3/A39	0	10	3.576864	OHMS	PASS
2	TRUE at J2/A5	J2/B5&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A5	P2/A5&P3/A40	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A5	J2/B5&GND	FALSE	FALSE	FALSE	DI	PASS

<b>19) GSE DISCRETES:CHANNEL-1 HW RESET</b>							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A6	P2/A6&P3/A41	0	10	3.464991	OHMS	PASS
2	TRUE at J2/A6	J2/B6&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A6	P2/A6&P3/A42	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A6	J2/B6&GND	FALSE	FALSE	FALSE	DI	PASS

20) GSE DISCRETES:CHANNEL-1 SW RESET							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A7	P2/A7&P3/A43	0	10	4.978386	OHMS	PASS
2	TRUE at J2/A7	J2/B7&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A7	P2/A7&P3/A44	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A7	J2/B7&GND	FALSE	FALSE	FALSE	DI	PASS

21) GSE DISCRETES:CHANNEL-2 SW INTGR-IC							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A9	P2/A9&P3/A45	0	10	3.338279	OHMS	PASS
2	TRUE at J2/A9	J2/B9&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A9	P2/A9&P3/A46	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A9	J2/B9&GND	FALSE	FALSE	FALSE	DI	PASS

22) GSE DISCRETES:CHANNEL-2 FAULT SELECT							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A10	P2/A10&P3/A47	0	10	2.906686	OHMS	PASS

2	TRUE at J2/A10	J2/B10&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A10	P2/A10&P3/A48	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A10	J2/B10&GND	FALSE	FALSE	FALSE	DI	PASS

23) GSE DISCRETES:CHANNEL-2 TEST INPUT							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A11	P2/A11&P3/A49	0	10	2.917174	OHMS	PASS
2	TRUE at J2/A11	J2/B11&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A11	P2/A11&P3/A50	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A11	J2/B11&GND	FALSE	FALSE	FALSE	DI	PASS

**24) GSE DISCRETES:CHANNEL-2 GSE CONNECTED**

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A12	P2/A12&P3/A51	0	10	3.835696	OHMS	PASS
2	TRUE at J2/A12	J2/B12&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A12	P2/A12&P3/A52	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A12	J2/B12&GND	FALSE	FALSE	FALSE	DI	PASS

**25) GSE DISCRETES:CHANNEL-2 EPROM ENABLE**

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A13	P2/A13&P3/A53	0	10	2.772479	OHMS	PASS
2	TRUE at J2/A13	J2/B13&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A13	P2/A13&P3/A54	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A13	J2/B13&GND	FALSE	FALSE	FALSE	DI	PASS

26) GSE DISCRETES:CHANNEL-2 HW RESET							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A14	P2/A14&P3/A55	0	10	3.371973	OHMS	PASS
2	TRUE at J2/A14	J2/B14&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A14	P2/A14&P3/A56	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A14	J2/B14&GND	FALSE	FALSE	FALSE	DI	PASS

<b>27) GSE DISCRETES:CHANNEL-2 SW RESET</b>							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A15	P2/A15&P3/A57	0	10	3.244512	OHMS	PASS
2	TRUE at J2/A15	J2/B15&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A15	P2/A15&P3/A58	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A15	J2/B15&GND	FALSE	FALSE	FALSE	DI	PASS

<b>28) GSE DISCRETES:CHANNEL-3 SW INTGR-IC</b>							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A17	P2/A17&P3/A59	0	10	6.079146	OHMS	PASS
2	TRUE at J2/A17	J2/B17&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A17	P2/A17&P3/A60	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A17	J2/B17&GND	FALSE	FALSE	FALSE	DI	PASS

29) GSE DISCRETES:CHANNEL-3 FAULT SELECT							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A18	P2/A18&P3/A61	0	10	3.124032	OHMS	PASS
2	TRUE at J2/A18	J2/B18&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A18	P2/A18&P3/A62	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A18	J2/B18&GND	FALSE	FALSE	FALSE	DI	PASS

30) GSE DISCRETES:CHANNEL-3 TEST INPUT							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A19	P2/A19&P3/A63	0	10	3.365766	OHMS	PASS
2	TRUE at J2/A19	J2/B19&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A19	P2/A19&P3/A64	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A19	J2/B19&GND	FALSE	FALSE	FALSE	DI	PASS

31) GSE DISCRETES:CHANNEL-3 GSE CONNECTED							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A20	P2/A20&P3/A65	0	10	3.676642	OHMS	PASS
2	TRUE at J2/A20	J2/B20&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A20	P2/A20&P3/A66	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A20	J2/B20&GND	FALSE	FALSE	FALSE	DI	PASS



32) GSE DISCRETES:CHANNEL-3 EPROM ENABLE							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A21	P2/A21&P3/A67	0	10	3.780571	OHMS	PASS
2	TRUE at J2/A21	J2/B21&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A21	P2/A21&P3/A68	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A21	J2/B21&GND	FALSE	FALSE	FALSE	DI	PASS

**33) GSE DISCRETES:CHANNEL-3 HW RESET**

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A22	P2/A22&P3/A69	0	10	2.884415	OHMS	PASS
2	TRUE at J2/A22	J2/B22&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A22	P2/A22&P3/A70	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A22	J2/B22&GND	FALSE	FALSE	FALSE	DI	PASS

**34) GSE DISCRETES:CHANNEL-3 SW RESET**

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A23	P2/A23&P3/A71	0	10	3.505631	OHMS	PASS
2	TRUE at J2/A23	J2/B23&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A23	P2/A23&P3/A72	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A23	J2/B23&GND	FALSE	FALSE	FALSE	DI	PASS

35) GSE DISCRETES:CHANNEL-4 SW INTGR-IC							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A25	P2/A25&P3/A73	0	10	3.043113	OHMS	PASS
2	TRUE at J2/A25	J2/B25&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A25	P2/A25&P3/A74	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A25	J2/B25&GND	FALSE	FALSE	FALSE	DI	PASS

**36) GSE DISCRETES:CHANNEL-4 FAULT SELECT**

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A26	P2/A26&P3/A75	0	10	4.132699	OHMS	PASS
2	TRUE at J2/A26	J2/B26&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A26	P2/A26&P3/A76	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A26	J2/B26&GND	FALSE	FALSE	FALSE	DI	PASS

**37) GSE DISCRETES:CHANNEL-4 TEST INPUT**

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A27	P2/A27&P3/A77	0	10	3.120814	OHMS	PASS
2	TRUE at J2/A27	J2/B27&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A27	P2/A27&P3/A78	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A27	J2/B27&GND	FALSE	FALSE	FALSE	DI	PASS

38) GSE DISCRETES:CHANNEL-4 GSE CONNECTED							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A28	P2/A28&P3/A79	0	10	4.00302	OHMS	PASS
2	TRUE at J2/A28	J2/B28&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A28	P2/A28&P3/A80	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A28	J2/B28&GND	FALSE	FALSE	FALSE	DI	PASS

39) GSE DISCRETES:CHANNEL-4 EPROM ENABLE							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A29	P2/A29&P3/A81	0	10	4.650201	OHMS	PASS
2	TRUE at J2/A29	J2/B29&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A29	P2/A29&P3/A82	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A29	J2/B29&GND	FALSE	FALSE	FALSE	DI	PASS

40) GSE DISCRETES:CHANNEL-4 HW RESET							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A30	P2/A30&P3/A83	0	10	3.004564	OHMS	PASS
2	TRUE at J2/A30	J2/B30&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A30	P2/A30&P3/A84	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A30	J2/B30&GND	FALSE	FALSE	FALSE	DI	PASS

41) GSE DISCRETES:CHANNEL-4 SW RESET							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/A31	P2/A31&P3/A85	0	10	8.0956	OHMS	PASS

2	TRUE at J2/A31	J2/B31&GND	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J2/A31	P2/A31&P3/A86	OPEN	OPEN	OPEN	OHMS	PASS
4	FALSE at J2/A31	J2/B31&GND	FALSE	FALSE	FALSE	DI	PASS

42) GSE TEST OUTPUTS:CHANNEL-1 TEST OUTPUT-1							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A1	at P3/A22	22.864	23.796	23.305935	mA	PASS
2	FALSE at J1/A1	at J2/C12	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/A1	at P3/A22	-0.1	0.1	0.000024	mA	PASS
4	FALSE at J1/A1	at J2/C12	FALSE	FALSE	FALSE	DI	PASS
5	TRUE at J1/A1	at P3/A22	-0.1	0.1	-0.000024	mA	PASS
6	TRUE at J1/A1	at J2/C12	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A1	at P3/A22	-0.1	0.1	0.000024	mA	PASS
8	TRUE at J1/A1	at J2/C12	FALSE	FALSE	FALSE	DI	PASS

43) GSE TEST OUTPUTS:CHANNEL-2 TEST OUTPUT-1							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A5	at P3/B22	22.864	23.796	23.29961	mA	PASS

2	FALSE at J1/A5	at J2/C13	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/A5	at P3/B22	-0.1	0.1	0.000022	mA	PASS
4	FALSE at J1/A5	at J2/C13	FALSE	FALSE	FALSE	DI	PASS
5	TRUE at J1/A5	at P3/B22	-0.1	0.1	0.000041	mA	PASS
6	TRUE at J1/A5	at J2/C13	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A5	at P3/B22	-0.1	0.1	0.000024	mA	PASS
8	TRUE at J1/A5	at J2/C13	FALSE	FALSE	FALSE	DI	PASS

<b>44) GSE TEST OUTPUTS:CHANNEL-3 TEST OUTPUT-1</b>							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A9	at P3/A27	22.864	23.796	23.303263	mA	PASS
2	FALSE at J1/A9	at J2/C14	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/A9	at P3/A27	-0.1	0.1	0.000021	mA	PASS
4	FALSE at J1/A9	at J2/C14	FALSE	FALSE	FALSE	DI	PASS
5	TRUE at J1/A9	at P3/A27	-0.1	0.1	-0.000005	mA	PASS
6	TRUE at J1/A9	at J2/C14	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A9	at P3/A27	-0.1	0.1	0.000024	mA	PASS
8	TRUE at J1/A9	at J2/C14	FALSE	FALSE	FALSE	DI	PASS



**45) GSE TEST OUTPUTS:CHANNEL-4 TEST OUTPUT-1**

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A13	at P3/B27	22.864	23.796	23.308341	mA	PASS
2	FALSE at J1/A13	at J2/C15	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/A13	at P3/B27	-0.1	0.1	0.00002	mA	PASS
4	FALSE at J1/A13	at J2/C15	FALSE	FALSE	FALSE	DI	PASS
5	TRUE at J1/A13	at P3/B27	-0.1	0.1	0.000042	mA	PASS
6	TRUE at J1/A13	at J2/C15	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A13	at P3/B27	-0.1	0.1	0.000022	mA	PASS
8	TRUE at J1/A13	at J2/C15	FALSE	FALSE	FALSE	DI	PASS

**46) GSE TEST OUTPUTS:CHANNEL-1 TEST OUTPUT-2**

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A2	at P3/A23	22.864	23.796	23.285504	mA	PASS
2	FALSE at J1/A2	at J2/C17	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/A2	at P3/A23	-0.1	0.1	0.000022	mA	PASS
4	FALSE at J1/A2	at J2/C17	FALSE	FALSE	FALSE	DI	PASS

5	TRUE at J1/A2	at P3/A23	-0.1	0.1	-0.000012	mA	PASS
6	TRUE at J1/A2	at J2/C17	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A2	at P3/A23	-0.1	0.1	0.000025	mA	PASS
8	TRUE at J1/A2	at J2/C17	FALSE	FALSE	FALSE	DI	PASS

<b>47) GSE TEST OUTPUTS:CHANNEL-2 TEST OUTPUT-2</b>							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A6	at P3/B23	22.864	23.796	23.308073	mA	PASS
2	FALSE at J1/A6	at J2/C18	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/A6	at P3/B23	-0.1	0.1	0.000022	mA	PASS

4	FALSE at J1/A6	at J2/C18	FALSE	FALSE	FALSE	DI	PASS
5	TRUE at J1/A6	at P3/B23	-0.1	0.1	0.00004	mA	PASS
6	TRUE at J1/A6	at J2/C18	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A6	at P3/B23	-0.1	0.1	0.000025	mA	PASS
8	TRUE at J1/A6	at J2/C18	FALSE	FALSE	FALSE	DI	PASS

<b>48) GSE TEST OUTPUTS:CHANNEL-3 TEST OUTPUT-2</b>							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A10	at P3/A28	22.864	23.796	23.288985	mA	PASS
2	FALSE at J1/A10	at J2/C19	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/A10	at P3/A28	-0.1	0.1	0.000023	mA	PASS
4	FALSE at J1/A10	at J2/C19	FALSE	FALSE	FALSE	DI	PASS
5	TRUE at J1/A10	at P3/A28	-0.1	0.1	0.000013	mA	PASS
6	TRUE at J1/A10	at J2/C19	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A10	at P3/A28	-0.1	0.1	0.000023	mA	PASS
8	TRUE at J1/A10	at J2/C19	FALSE	FALSE	FALSE	DI	PASS

49) GSE TEST OUTPUTS:CHANNEL-4 TEST OUTPUT-2							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A14	at P3/B28	22.864	23.796	23.303417	mA	PASS
2	FALSE at J1/A14	at J2/C20	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/A14	at P3/B28	-0.1	0.1	0.000022	mA	PASS
4	FALSE at J1/A14	at J2/C20	FALSE	FALSE	FALSE	DI	PASS
5	TRUE at J1/A14	at P3/B28	-0.1	0.1	-0.000012	mA	PASS
6	TRUE at J1/A14	at J2/C20	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A14	at P3/B28	-0.1	0.1	0.000023	mA	PASS
8	TRUE at J1/A14	at J2/C20	FALSE	FALSE	FALSE	DI	PASS

50) GSE TEST OUTPUTS:CHANNEL-1 TEST OUTPUT-3							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A3	at P3/A24	22.864	23.796	23.298845	mA	PASS
2	FALSE at J1/A3	at J2/C21	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/A3	at P3/A24	-0.1	0.1	0.000023	mA	PASS
4	FALSE at J1/A3	at J2/C21	FALSE	FALSE	FALSE	DI	PASS
5	TRUE at J1/A3	at P3/A24	-0.1	0.1	-0.000034	mA	PASS

6	TRUE at J1/A3	at J2/C21	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A3	at P3/A24	-0.1	0.1	0.000024	mA	PASS
8	TRUE at J1/A3	at J2/C21	FALSE	FALSE	FALSE	DI	PASS

51) GSE TEST OUTPUTS:CHANNEL-2 TEST OUTPUT-3							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A7	at P3/B24	22.864	23.796	23.282912	mA	PASS
2	FALSE at J1/A7	at J2/C22	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/A7	at P3/B24	-0.1	0.1	0.000023	mA	PASS

4	FALSE at J1/A7	at J2/C22	FALSE	FALSE	FALSE	DI	PASS
5	TRUE at J1/A7	at P3/B24	-0.1	0.1	0.000049	mA	PASS
6	TRUE at J1/A7	at J2/C22	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A7	at P3/B24	-0.1	0.1	0.000023	mA	PASS
8	TRUE at J1/A7	at J2/C22	FALSE	FALSE	FALSE	DI	PASS

52) GSE TEST OUTPUTS:CHANNEL-3 TEST OUTPUT-3							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A11	at P3/A29	22.864	23.796	23.309079	mA	PASS
2	FALSE at J1/A11	at J2/C23	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/A11	at P3/A29	-0.1	0.1	0.000021	mA	PASS
4	FALSE at J1/A11	at J2/C23	FALSE	FALSE	FALSE	DI	PASS
5	TRUE at J1/A11	at P3/A29	-0.1	0.1	0.000048	mA	PASS
6	TRUE at J1/A11	at J2/C23	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A11	at P3/A29	-0.1	0.1	0.000023	mA	PASS
8	TRUE at J1/A11	at J2/C23	FALSE	FALSE	FALSE	DI	PASS

53) GSE TEST OUTPUTS:CHANNEL-4 TEST OUTPUT-3							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A15	at P3/B29	22.864	23.796	23.313037	mA	PASS
2	FALSE at J1/A15	at J2/C24	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/A15	at P3/B29	-0.1	0.1	0.000022	mA	PASS
4	FALSE at J1/A15	at J2/C24	FALSE	FALSE	FALSE	DI	PASS
5	TRUE at J1/A15	at P3/B29	-0.1	0.1	0.000044	mA	PASS
6	TRUE at J1/A15	at J2/C24	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A15	at P3/B29	-0.1	0.1	0.000026	mA	PASS
8	TRUE at J1/A15	at J2/C24	FALSE	FALSE	FALSE	DI	PASS

54) GSE TEST OUTPUTS:CHANNEL-1 TEST OUTPUT-4							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A4	at P3/A25	22.864	23.796	23.287229	mA	PASS
2	FALSE at J1/A4	at J2/C25	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/A4	at P3/A25	-0.1	0.1	0.000023	mA	PASS
4	FALSE at J1/A4	at J2/C25	FALSE	FALSE	FALSE	DI	PASS
5	TRUE at J1/A4	at P3/A25	-0.1	0.1	0.000045	mA	PASS

6	TRUE at J1/A4	at J2/C25	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A4	at P3/A25	-0.1	0.1	0.000023	mA	PASS
8	TRUE at J1/A4	at J2/C25	FALSE	FALSE	FALSE	DI	PASS

<b>55) GSE TEST OUTPUTS:CHANNEL-2 TEST OUTPUT-4</b>							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A8	at P3/B25	22.864	23.796	23.30038	mA	PASS
2	FALSE at J1/A8	at J2/C26	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/A8	at P3/B25	-0.1	0.1	0.000021	mA	PASS



4	FALSE at J1/A8	at J2/C26	FALSE	FALSE	FALSE	DI	PASS
5	TRUE at J1/A8	at P3/B25	-0.1	0.1	0.000023	mA	PASS
6	TRUE at J1/A8	at J2/C26	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A8	at P3/B25	-0.1	0.1	0.000024	mA	PASS
8	TRUE at J1/A8	at J2/C26	FALSE	FALSE	FALSE	DI	PASS

<b>56) GSE TEST OUTPUTS:CHANNEL-3 TEST OUTPUT-4</b>							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A12	at P3/A30	22.864	23.796	23.297918	mA	PASS
2	FALSE at J1/A12	at J2/C27	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/A12	at P3/A30	-0.1	0.1	0.000022	mA	PASS
4	FALSE at J1/A12	at J2/C27	FALSE	FALSE	FALSE	DI	PASS
5	TRUE at J1/A12	at P3/A30	-0.1	0.1	-0.000021	mA	PASS
6	TRUE at J1/A12	at J2/C27	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A12	at P3/A30	-0.1	0.1	0.000023	mA	PASS
8	TRUE at J1/A12	at J2/C27	FALSE	FALSE	FALSE	DI	PASS

57)	GSE TEST OUTPUTS:CHANNEL-4 TEST OUTPUT-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A16	at P3/B30	22.864	23.796	23.301055	mA	PASS
2	FALSE at J1/A16	at J2/C28	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/A16	at P3/B30	-0.1	0.1	0.000022	mA	PASS
4	FALSE at J1/A16	at J2/C28	FALSE	FALSE	FALSE	DI	PASS
5	TRUE at J1/A16	at P3/B30	-0.1	0.1	0.000044	mA	PASS
6	TRUE at J1/A16	at J2/C28	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A16	at P3/B30	-0.1	0.1	0.000023	mA	PASS
8	TRUE at J1/A16	at J2/C28	FALSE	FALSE	FALSE	DI	PASS

58)	GSE TEST DA-MON:CHANNEL-1 TEST DA-1						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P2/C2 and P2/C1	J3/A7&GND	-0.1	0.1	0.003313	Volts DC	PASS
2	9V at P2/C2 and P2/C1	J3/A7&GND	-8.262	-7.938	-8.097525	Volts DC	PASS
3	-9V at P2/C2 and P2/C1	J3/A7&GND	7.938	8.262	8.101505	Volts DC	PASS

59) GSE TEST DA-MON:CHANNEL-1 TEST DA-2							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
4	0V at P2/C1 and P2/C3	J3/A8&GND	-0.1	0.1	0.00235	Volts DC	PASS
5	9V at P2/C1 and P2/C3	J3/A8&GND	-8.262	-7.938	-8.100507	Volts DC	PASS
6	-9V at P2/C1 and P2/C3	J3/A8&GND	7.938	8.262	8.10479	Volts DC	PASS

60) GSE TEST DA-MON:CHANNEL-2 TEST DA-1							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P2/C5 and P2/C4	J3/A9&GND	-0.1	0.1	0.002162	Volts DC	PASS
2	9V at P2/C5 and P2/C4	J3/A9&GND	-8.262	-7.938	-8.10123	Volts DC	PASS
3	-9V at P2/C5 and P2/C4	J3/A9&GND	7.938	8.262	8.105415	Volts DC	PASS

61) GSE TEST DA-MON:CHANNEL-2 TEST DA-2							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
4	0V at P2/C6 and P2/C4	J3/A10&GND	-0.1	0.1	0.002071	Volts DC	PASS
5	9V at P2/C6 and P2/C4	J3/A10&GND	-8.262	-7.938	-8.101795	Volts DC	PASS
6	-9V at P2/C6 and P2/C4	J3/A10&GND	7.938	8.262	8.105943	Volts DC	PASS

**62) GSE TEST DA-MON:CHANNEL-3 TEST DA-1**

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P2/C8 and P2/C7	J3/A11&GND	-0.1	0.1	0.00211	Volts DC	PASS
2	9V at P2/C8 and P2/C7	J3/A11&GND	-8.262	-7.938	-8.104379	Volts DC	PASS
3	-9V at P2/C8 and P2/C7	J3/A11&GND	7.938	8.262	8.108626	Volts DC	PASS

**63) GSE TEST DA-MON:CHANNEL-3 TEST DA-2**

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
4	0V at P2/C9 and P2/C7	J3/A12&GND	-0.1	0.1	0.002064	Volts DC	PASS
5	9V at P2/C9 and P2/C7	J3/A12&GND	-8.262	-7.938	-8.099089	Volts DC	PASS
6	-9V at P2/C9 and P2/C7	J3/A12&GND	7.938	8.262	8.103211	Volts DC	PASS

**64) GSE TEST DA-MON:CHANNEL-4 TEST DA-1**

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P2/C11 and P2/C10	J3/A13&GND	-0.1	0.1	0.002019	Volts DC	PASS
2	9V at P2/C11 and P2/C10	J3/A13&GND	-8.262	-7.938	-8.100948	Volts DC	PASS
3	-9V at P2/C11 and P2/C10	J3/A13&GND	7.938	8.262	8.105091	Volts DC	PASS

<b>65) GSE TEST DA-MON:CHANNEL-4 TEST DA-2</b>							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
4	0V at P2/C12 and P2/C10	J3/A14&GND	-0.1	0.1	0.002103	Volts DC	PASS
5	9V at P2/C12 and P2/C10	J3/A14&GND	-8.262	-7.938	-8.102482	Volts DC	PASS
6	-9V at P2/C12 and P2/C10	J3/A14&GND	7.938	8.262	8.106749	Volts DC	PASS

<b>66) GSE DISCRETES:CHANNEL-1 MBIT</b>							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/B13	P3/C7&P2/C25	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J1/B13	J1/C1&GND	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J1/B13	P3/C7&P2/C26	0	10	3.440996	OHMS	PASS
4	TRUE at J1/B13	J1/C1&GND	FALSE	FALSE	FALSE	DI	PASS

67) GSE DISCRETES:CHANNEL-2 MBIT							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/B14	P3/C14&P2/C27	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J1/B14	J1/C2&GND	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J1/B14	P3/C14&P2/C28	0	10	3.457657	OHMS	PASS
4	TRUE at J1/B14	J1/C2&GND	FALSE	FALSE	FALSE	DI	PASS

68) GSE DISCRETES:CHANNEL-3 MBIT							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/B15	P3/C18&P2/C29	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J1/B15	J1/C3&GND	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J1/B15	P3/C18&P2/C30	0	10	3.545523	OHMS	PASS
4	TRUE at J1/B15	J1/C3&GND	FALSE	FALSE	FALSE	DI	PASS

69) GSE DISCRETES:CHANNEL-4 MBIT							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/B16	P3/C31&P2/C31	OPEN	OPEN	OPEN	OHMS	PASS

2	FALSE at J1/B16	J1/C4&GND	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J1/B16	P3/C31&P2/C32	0	10	3.903929	OHMS	PASS
4	TRUE at J1/B16	J1/C4&GND	FALSE	FALSE	FALSE	DI	PASS

70) FTI DISCRETES:CHANNEL-1 FTI FCS FAIL MON							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	OPEN at P3/C28	J2/C1&GND	FALSE	FALSE	FALSE	DI	PASS
2	0V at P3/C28	J2/C1&GND	TRUE	TRUE	TRUE	DI	PASS
3	5V at P3/C28	J2/C1&GND	FALSE	FALSE	FALSE	DI	PASS

71) FTI DISCRETES:CHANNEL-1 FTI DBU ENG MON							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	OPEN at P3/C16	J2/C2&GND	FALSE	FALSE	FALSE	DI	PASS
2	0V at P3/C16	J2/C2&GND	TRUE	TRUE	TRUE	DI	PASS
3	5V at P3/C16	J2/C2&GND	FALSE	FALSE	FALSE	DI	PASS



72) FTI DISCRETES:CHANNEL-1 FTI RWOW MON							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	OPEN at P3/C20	J2/C3&GND	FALSE	FALSE	FALSE	DI	PASS
2	0V at P3/C20	J2/C3&GND	TRUE	TRUE	TRUE	DI	PASS
3	5V at P3/C20	J2/C3&GND	FALSE	FALSE	FALSE	DI	PASS

73) FTI DISCRETES:CHANNEL-1 FTI NWOW MON							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	OPEN at P3/C29	J2/C4&GND	FALSE	FALSE	FALSE	DI	PASS
2	0V at P3/C29	J2/C4&GND	TRUE	TRUE	TRUE	DI	PASS
3	5V at P3/C29	J2/C4&GND	FALSE	FALSE	FALSE	DI	PASS

74) FTI DISCRETES:CHANNEL-2 FTI ABPOS MON							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	OPEN at P3/C17	J2/C5&GND	FALSE	FALSE	FALSE	DI	PASS
2	0V at P3/C17	J2/C5&GND	TRUE	TRUE	TRUE	DI	PASS
3	5V at P3/C17	J2/C5&GND	FALSE	FALSE	FALSE	DI	PASS

75) FTI DISCRETES:CHANNEL-2 FTI APENG MON							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	OPEN at P3/C21	J2/C6&GND	FALSE	FALSE	FALSE	DI	PASS
2	0V at P3/C21	J2/C6&GND	TRUE	TRUE	TRUE	DI	PASS
3	5V at P3/C21	J2/C6&GND	FALSE	FALSE	FALSE	DI	PASS

76) FTI DISCRETES:CHANNEL-2 FTI LWOW MON							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	OPEN at P3/C30	J2/C7&GND	FALSE	FALSE	FALSE	DI	PASS
2	0V at P3/C30	J2/C7&GND	TRUE	TRUE	TRUE	DI	PASS
3	5V at P3/C30	J2/C7&GND	FALSE	FALSE	FALSE	DI	PASS

77) FTI DISCRETES:CHANNEL-2 SPARE1							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	OPEN at P2/B29	J2/C29&GND	FALSE	FALSE	FALSE	DI	PASS
2	0V at P2/B29	J2/C29&GND	TRUE	TRUE	TRUE	DI	PASS
3	5V at P2/B29	J2/C29&GND	FALSE	FALSE	FALSE	DI	PASS

78) FTI DISCRETES:CHANNEL-2 SPARE2							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	OPEN at P2/B30	J2/C30&GND	FALSE	FALSE	FALSE	DI	PASS
2	0V at P2/B30	J2/C30&GND	TRUE	TRUE	TRUE	DI	PASS
3	5V at P2/B30	J2/C30&GND	FALSE	FALSE	FALSE	DI	PASS

79) FTI DFCC HEALTH:CHANNEL-1							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/B9	at P2/C21	22.864	23.796	23.283194	mA	PASS
2	FALSE at J1/B9	at J2/C8	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/B9	at P2/C21	-0.1	0.1	0.000026	mA	PASS
4	FALSE at J1/B9	at J2/C8	FALSE	FALSE	FALSE	DI	PASS
5	TRUE at J1/B9	at P2/C21	-0.1	0.1	0.000019	mA	PASS
6	TRUE at J1/B9	at J2/C8	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/B9	at P2/C21	-0.1	0.1	0.000022	mA	PASS
8	TRUE at J1/B9	at J2/C8	FALSE	FALSE	FALSE	DI	PASS

80) FTI DFCC HEALTH:CHANNEL-2							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/B10	at P2/C22	22.864	23.796	23.303704	mA	PASS
2	FALSE at J1/B10	at J2/C9	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/B10	at P2/C22	-0.1	0.1	0.000021	mA	PASS
4	FALSE at J1/B10	at J2/C9	FALSE	FALSE	FALSE	DI	PASS
5	TRUE at J1/B10	at P2/C22	-0.1	0.1	0.000033	mA	PASS

6	TRUE at J1/B10	at J2/C9	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/B10	at P2/C22	-0.1	0.1	0.000023	mA	PASS
8	TRUE at J1/B10	at J2/C9	FALSE	FALSE	FALSE	DI	PASS

81) FTI DFCC HEALTH:CHANNEL-3							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/B11	at P2/C23	22.864	23.796	23.302077	mA	PASS
2	FALSE at J1/B11	at J2/C10	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/B11	at P2/C23	-0.1	0.1	0.000019	mA	PASS
4	FALSE at J1/B11	at J2/C10	FALSE	FALSE	FALSE	DI	PASS
5	TRUE at J1/B11	at P2/C23	-0.1	0.1	-0.000029	mA	PASS
6	TRUE at J1/B11	at J2/C10	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/B11	at P2/C23	-0.1	0.1	0.000022	mA	PASS
8	TRUE at J1/B11	at J2/C10	FALSE	FALSE	FALSE	DI	PASS

82) FTI DFCC HEALTH:CHANNEL-4							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/B12	at P2/C24	22.864	23.796	23.288879	mA	PASS

2	FALSE at J1/B12	at J2/C11	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/B12	at P2/C24	-0.1	0.1	0.000023	mA	PASS
4	FALSE at J1/B12	at J2/C11	FALSE	FALSE	FALSE	DI	PASS
5	TRUE at J1/B12	at P2/C24	-0.1	0.1	0.000042	mA	PASS
6	TRUE at J1/B12	at J2/C11	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/B12	at P2/C24	-0.1	0.1	0.000023	mA	PASS
8	TRUE at J1/B12	at J2/C11	FALSE	FALSE	FALSE	DI	PASS

83) FTI MONITORS:CHANNEL-1 FTI STKROL MON							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/C2 and P3/C1	J3/A19&GND	-0.1	0.1	0.006212	Volts DC	PASS
2	5V at P3/C2 and P3/C1	J3/A19&GND	8.82	9.18	8.99693	Volts DC	PASS
3	-5V at P3/C2 and P3/C1	J3/A19&GND	-9.18	-8.82	-8.99273	Volts DC	PASS

84) FTI MONITORS:CHANNEL-1 FTI RPPOS MON							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/C23 and P3/C1	J3/A20&GND	-0.1	0.1	0.005302	Volts DC	PASS
2	5V at P3/C23 and P3/C1	J3/A20&GND	8.82	9.18	8.991002	Volts DC	PASS

3	-5V at P3/C23 and P3/C1	J3/A20&GND	-9.18	-8.82	-8.99034	Volts DC	PASS
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85) FTI MONITORS:CHANNEL-1 FTI LOE POS MON							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/C3 and P3/C1	J3/A21&GND	-0.1	0.1	0.005114	Volts DC	PASS
2	5V at P3/C3 and P3/C1	J3/A21&GND	8.82	9.18	8.993445	Volts DC	PASS
3	-5V at P3/C3 and P3/C1	J3/A21&GND	-9.18	-8.82	-8.98963	Volts DC	PASS

86) FTI MONITORS:CHANNEL-1 FTI ROE POS MON							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/C24 and P3/C1	J3/A22&GND	-0.1	0.1	0.00512	Volts DC	PASS
2	5V at P3/C24 and P3/C1	J3/A22&GND	8.82	9.18	8.991534	Volts DC	PASS
3	-5V at P3/C24 and P3/C1	J3/A22&GND	-9.18	-8.82	-8.992428	Volts DC	PASS

87) FTI MONITORS:CHANNEL-1 FTI NOR ACCLN MON							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/C25 and P3/C1	J3/A23&GND	-0.1	0.1	0.005395	Volts DC	PASS

2	5V at P3/C25 and P3/C1	J3/A23&GND	8.82	9.18	8.999763	Volts DC	PASS
3	-5V at P3/C25 and P3/C1	J3/A23&GND	-9.18	-8.82	-8.995977	Volts DC	PASS

<b>88) FTI MONITORS:CHANNEL-1 FTI LAOA MON</b>							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/C12 and P3/C1	J3/A24&GND	-0.1	0.1	0.005313	Volts DC	PASS
2	5V at P3/C12 and P3/C1	J3/A24&GND	8.82	9.18	8.99729	Volts DC	PASS
3	-5V at P3/C12 and P3/C1	J3/A24&GND	-9.18	-8.82	-8.993874	Volts DC	PASS

<b>89) FTI MONITORS:CHANNEL-1 FTI STA PRS MON</b>							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/C6 and P3/C1	J3/A25&GND	-0.1	0.1	0.005018	Volts DC	PASS
2	5V at P3/C6 and P3/C1	J3/A25&GND	8.82	9.18	8.996365	Volts DC	PASS
3	-5V at P3/C6 and P3/C1	J3/A25&GND	-9.18	-8.82	-8.992289	Volts DC	PASS



90) FTI MONITORS:CHANNEL-1 FTI DYN PRS MON							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/C13 and P3/C1	J3/A26&GND	-0.1	0.1	0.005033	Volts DC	PASS
2	5V at P3/C13 and P3/C1	J3/A26&GND	8.82	9.18	8.993768	Volts DC	PASS
3	-5V at P3/C13 and P3/C1	J3/A26&GND	-9.18	-8.82	-8.990342	Volts DC	PASS

91) FTI MONITORS:CHANNEL-1 FTI TOT TEMP MON							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/C22 and P3/C1	J3/B4&GND	-0.1	0.1	0.00493	Volts DC	PASS
2	5V at P3/C22 and P3/C1	J3/B4&GND	8.82	9.18	8.996206	Volts DC	PASS
3	-5V at P3/C22 and P3/C1	J3/B4&GND	-9.18	-8.82	-8.992286	Volts DC	PASS

**92) FTI MONITORS:CHANNEL-1 FTI RAB POS MON**

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P2/C13 and P3/C1	J3/B5&GND	-0.1	0.1	0.004999	Volts DC	PASS
2	5V at P2/C13 and P3/C1	J3/B5&GND	8.82	9.18	8.996619	Volts DC	PASS
3	-5V at P2/C13 and P3/C1	J3/B5&GND	-9.18	-8.82	-8.992886	Volts DC	PASS

**93) FTI MONITORS:CHANNEL-1 FTI PIT RATE MON**

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P2/C14 and P3/C1	J3/B6&GND	-0.1	0.1	0.005052	Volts DC	PASS
2	5V at P2/C14 and P3/C1	J3/B6&GND	8.82	9.18	8.997686	Volts DC	PASS
3	-5V at P2/C14 and P3/C1	J3/B6&GND	-9.18	-8.82	-8.993591	Volts DC	PASS

**94) FTI MONITORS:CHANNEL-1 FTI YAW RATE MON**

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P2/C15 and P3/C1	J3/B7&GND	-0.1	0.1	0.005021	Volts DC	PASS
2	5V at P2/C15 and P3/C1	J3/B7&GND	8.82	9.18	8.996152	Volts DC	PASS
3	-5V at P2/C15 and P3/C1	J3/B7&GND	-9.18	-8.82	-8.991885	Volts DC	PASS

**95) FTI MONITORS:CHANNEL-2 FTI LAT ACCLN MON**

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/C5 and P3/C8	J3/A29&GND	-0.1	0.1	0.00382	Volts DC	PASS
2	5V at P3/C5 and P3/C8	J3/A29&GND	8.82	9.18	9.000094	Volts DC	PASS
3	-5V at P3/C5 and P3/C8	J3/A29&GND	-9.18	-8.82	-8.996054	Volts DC	PASS

**96) FTI MONITORS:CHANNEL-2 FTI RUD POS MON**

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/C11 and P3/C8	J3/A28&GND	-0.1	0.1	0.00489	Volts DC	PASS
2	5V at P3/C11 and P3/C8	J3/A28&GND	8.82	9.18	8.998559	Volts DC	PASS
3	-5V at P3/C11 and P3/C8	J3/A28&GND	-9.18	-8.82	-8.994312	Volts DC	PASS

**97) FTI MONITORS:CHANNEL-2 FTI STK PIT MON**

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/C9 and P3/C8	J3/A30&GND	-0.1	0.1	0.00487	Volts DC	PASS
2	5V at P3/C9 and P3/C8	J3/A30&GND	8.82	9.18	9.001271	Volts DC	PASS
3	-5V at P3/C9 and P3/C8	J3/A30&GND	-9.18	-8.82	-8.997266	Volts DC	PASS

**98) FTI MONITORS:CHANNEL-2 FTI RIE POS MON**

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/C4 and P3/C8	J3/B2&GND	-0.1	0.1	0.004993	Volts DC	PASS
2	5V at P3/C4 and P3/C8	J3/B2&GND	8.82	9.18	9.002636	Volts DC	PASS
3	-5V at P3/C4 and P3/C8	J3/B2&GND	-9.18	-8.82	-8.998374	Volts DC	PASS

**99) FTI MONITORS:CHANNEL-2 FTI LIE POS MON**

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/C10 and P3/C8	J3/B1&GND	-0.1	0.1	0.005016	Volts DC	PASS
2	5V at P3/C10 and P3/C8	J3/B1&GND	8.82	9.18	8.99832	Volts DC	PASS
3	-5V at P3/C10 and P3/C8	J3/B1&GND	-9.18	-8.82	-8.993884	Volts DC	PASS

**100) FTI MONITORS:CHANNEL-2 FTI RAOA/RAOSS MON**

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/C26 and P3/C8	J3/B3&GND	-0.1	0.1	0.005094	Volts DC	PASS
2	5V at P3/C26 and P3/C8	J3/B3&GND	8.82	9.18	8.997	Volts DC	PASS
3	-5V at P2/C26 and P3/C8	J3/B3&GND	-9.18	-8.82	-8.992957	Volts DC	PASS

<b>101) FTI MONITORS:CHANNEL-2 FTI LAB POS MON</b>							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P2/C17 and P3/C8	J3/B8&GND	-0.1	0.1	0.004986	Volts DC	PASS
2	5V at P2/C17 and P3/C8	J3/B8&GND	8.82	9.18	8.998634	Volts DC	PASS
3	-5V at P3/C17 and P3/C8	J3/B8&GND	-9.18	-8.82	-8.994375	Volts DC	PASS

<b>102) FTI MONITORS:CHANNEL-2 FTI ASA LON MON</b>							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/C27 and P3/C8	J3/A27&GND	-0.1	0.1	0.004992	Volts DC	PASS
2	5V at P3/C27 and P3/C8	J3/A27&GND	8.82	9.18	8.996556	Volts DC	PASS
3	-5V at P3/C27 and P3/C8	J3/A27&GND	-9.18	-8.82	-8.992263	Volts DC	PASS

<b>103) FTI MONITORS:CHANNEL-2 FTI ROL RATE MON</b>							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P2/C18 and P3/C8	J3/B30&GND	-0.1	0.1	0.005012	Volts DC	PASS
2	5V at P2/C18 and P3/C8	J3/B30&GND	8.82	9.18	9.000153	Volts DC	PASS
3	-5V at P2/C18 and P3/C8	J3/B30&GND	-9.18	-8.82	-8.995836	Volts DC	PASS