

TYPE-9 SIGNAL CONDITIONING CARD TEST REPORT

SL NO.:012

DATE:08-Feb-2022

1)	LG - CHANNEL-1						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	GND at P3/A6 and P3/B6(J1/B3=FALSE)	P3/A1 & P3/B1	OPEN	OPEN	OPEN	OHMS	PASS
2	GND at P3/A6 and P3/B6(J1/B3=FALSE)	J1/B13	TRUE	TRUE	TRUE	DI	PASS
3	0.1V at P3/A6 and P3/B6(J1/B3=FALSE)	P3/A1 & P3/B1	0	10	3.71652	OHMS	PASS
4	0.1V at P3/A6 and P3/B6(J1/B3=FALSE)	J1/B13	FALSE	FALSE	FALSE	DI	PASS
5	FALSE at J1/A13 and (J1/B3=TRUE)	P3/A1 & P3/B1	OPEN	OPEN	OPEN	OHMS	PASS
6	FALSE at J1/A13 and (J1/B3=TRUE)	J1/B13	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A13 and (J1/B3=TRUE)	P3/A1 & P3/B1	0	10	3.62401	OHMS	PASS
8	TRUE at J1/A13 and (J1/B3=TRUE)	J1/B13	FALSE	FALSE	FALSE	DI	PASS

2)	LG - CHANNEL-2						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	GND at P3/A6 and P3/B6(J1/B3=FALSE)	P3/A2 & P3/B2	OPEN	OPEN	OPEN	OHMS	PASS
2	GND at P3/A6 and P3/B6(J1/B3=FALSE)	J1/B14	TRUE	TRUE	TRUE	DI	PASS

3	0.1V at P3/A6 and P3/B6(J1/B3=FALSE)	P3/A2 & P3/B2	0	10	3.850356	OHMS	PASS
4	0.1V at P3/A6 and P3/B6(J1/B3=FALSE)	J1/B14	FALSE	FALSE	FALSE	DI	PASS
5	FALSE at J1/A14 and (J1/B3=TRUE)	P3/A2 & P3/B2	OPEN	OPEN	OPEN	OHMS	PASS
6	FALSE at J1/A14 and (J1/B3=TRUE)	J1/B14	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A14 and (J1/B3=TRUE)	P3/A2 & P3/B2	0	10	3.786684	OHMS	PASS
8	TRUE at J1/A14 and (J1/B3=TRUE)	J1/B14	FALSE	FALSE	FALSE	DI	PASS

3)	LG - CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	GND at P3/A6 and P3/B6(J1/B3=FALSE)	P3/A3 & P3/B3	OPEN	OPEN	OPEN	OHMS	PASS
2	GND at P3/A6 and P3/B6(J1/B3=FALSE)	J1/B15	TRUE	TRUE	TRUE	DI	PASS
3	0.1V at P3/A6 and P3/B6(J1/B3=FALSE)	P3/A3 & P3/B3	0	10	3.666408	OHMS	PASS
4	0.1V at P3/A6 and P3/B6(J1/B3=FALSE)	J1/B15	FALSE	FALSE	FALSE	DI	PASS
5	FALSE at J1/A15 and (J1/B3=TRUE)	P3/A3 & P3/B3	OPEN	OPEN	OPEN	OHMS	PASS
6	FALSE at J1/A15 and (J1/B3=TRUE)	J1/B15	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A15 and (J1/B3=TRUE)	P3/A3 & P3/B3	0	10	3.651946	OHMS	PASS
8	TRUE at J1/A15 and (J1/B3=TRUE)	J1/B15	FALSE	FALSE	FALSE	DI	PASS

4)	LG - CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	GND at P3/A6 and P3/B6(J1/B3=FALSE)	P3/A4 & P3/B4	OPEN	OPEN	OPEN	OHMS	PASS
2	GND at P3/A6 and P3/B6(J1/B3=FALSE)	J1/B16	TRUE	TRUE	TRUE	DI	PASS
3	0.1V at P3/A6 and P3/B6(J1/B3=FALSE)	P3/A4 & P3/B4	0	10	3.199328	OHMS	PASS
4	0.1V at P3/A6 and P3/B6(J1/B3=FALSE)	J1/B16	FALSE	FALSE	FALSE	DI	PASS
5	FALSE at J1/A16 and (J1/B3=TRUE)	P3/A4 & P3/B4	OPEN	OPEN	OPEN	OHMS	PASS
6	FALSE at J1/A16 and (J1/B3=TRUE)	J1/B16	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A16 and (J1/B3=TRUE)	P3/A4 & P3/B4	0	10	3.196892	OHMS	PASS
8	TRUE at J1/A16 and (J1/B3=TRUE)	J1/B16	FALSE	FALSE	FALSE	DI	PASS

5)	FCP PITCH UP - CHANNEL-1						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A1	P3/C1 & P3/C12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A1	J2/B17	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A1	P3/C1 & P3/C12	0	10	4.020036	OHMS	PASS
4	TRUE at J2/A1	J2/B17	FALSE	FALSE	FALSE	DI	PASS

6) FCP PITCH DOWN- CHANNEL-1

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A2	P3/C2 & P3/C12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A2	J2/B18	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A2	P3/C2 & P3/C12	0	10	3.415064	OHMS	PASS
4	TRUE at J2/A2	J2/B18	FALSE	FALSE	FALSE	DI	PASS

7) FCP ROLL LEFT - CHANNEL-1

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A3	P3/C3 & P3/C12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A3	J2/B19	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A3	P3/C3 & P3/C12	0	10	4.336568	OHMS	PASS
4	TRUE at J2/A3	J2/B19	FALSE	FALSE	FALSE	DI	PASS

8) FCP ROLL RIGHT - CHANNEL-1

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A4	P3/C4 & P3/C12	OPEN	OPEN	OPEN	OHMS	PASS

2	FALSE at J2/A4	J2/B20	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A4	P3/C4 & P3/C12	0	10	3.389434	OHMS	PASS
4	TRUE at J2/A4	J2/B20	FALSE	FALSE	FALSE	DI	PASS

9) FCP YAW LEFT - CHANNEL-1							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A5	P3/C5 & P3/C12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A5	J2/B21	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A5	P3/C5 & P3/C12	0	10	3.923427	OHMS	PASS
4	TRUE at J2/A5	J2/B21	FALSE	FALSE	FALSE	DI	PASS

10) FCP YAW RIGHT - CHANNEL-1							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A6	P3/C6 & P3/C12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A6	J2/B22	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A6	P3/C6 & P3/C12	0	10	3.544287	OHMS	PASS
4	TRUE at J2/A6	J2/B22	FALSE	FALSE	FALSE	DI	PASS

11) FCP PRE FLIGHT BIT - CHANNEL-1							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A7	P3/C7 & P3/C12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A7	J2/B23	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A7	P3/C7 & P3/C12	0	10	3.410601	OHMS	PASS
4	TRUE at J2/A7	J2/B23	FALSE	FALSE	FALSE	DI	PASS

12) FCP PL BIT - CHANNEL-1							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A8	P3/C8 & P3/C12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A8	J2/B24	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A8	P3/C8 & P3/C12	0	10	3.586493	OHMS	PASS
4	TRUE at J2/A8	J2/B24	FALSE	FALSE	FALSE	DI	PASS

13) FCP TRIM CHANGE OVER - CHANNEL-1							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A10	P3/C10 & P3/C12	OPEN	OPEN	OPEN	OHMS	PASS

2	FALSE at J2/A10	J2/B25	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A10	P3/C10 & P3/C12	0	10	4.049421	OHMS	PASS
4	TRUE at J2/A10	J2/B25	FALSE	FALSE	FALSE	DI	PASS

14) FCP CABLE CONTINUITY - CHANNEL-1							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A11	P3/C11 & P3/C12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A11	J2/B26	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A11	P3/C11 & P3/C12	0	10	3.88665	OHMS	PASS
4	TRUE at J2/A11	J2/B26	FALSE	FALSE	FALSE	DI	PASS

15) FCP PITCH UP - CHANNEL-2							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A12	P2/A1 & P2/A12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A12	J2/B27	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A12	P2/A1 & P2/A12	0	10	3.388887	OHMS	PASS
4	TRUE at J2/A12	J2/B27	FALSE	FALSE	FALSE	DI	PASS

16) FCP PITCH DOWN - CHANNEL-2

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A13	P2/A2 & P2/A12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A13	J2/B28	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A13	P2/A2 & P2/A12	0	10	5.642242	OHMS	PASS
4	TRUE at J2/A13	J2/B28	FALSE	FALSE	FALSE	DI	PASS

17) FCP ROLL LEFT - CHANNEL-2

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A14	P2/A3 & P2/A12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A14	J2/B29	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A14	P2/A3 & P2/A12	0	10	4.604326	OHMS	PASS
4	TRUE at J2/A14	J2/B29	FALSE	FALSE	FALSE	DI	PASS

18) FCP ROLL RIGHT - CHANNEL-2

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A15	P2/A4 & P2/A12	OPEN	OPEN	OPEN	OHMS	PASS

2	FALSE at J2/A15	J2/B30	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A15	P2/A4 & P2/A12	0	10	3.243829	OHMS	PASS
4	TRUE at J2/A15	J2/B30	FALSE	FALSE	FALSE	DI	PASS

19) FCP YAW LEFT - CHANNEL-2							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A16	P2/A5 & P2/A12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A16	J2/B31	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A16	P2/A5 & P2/A12	0	10	3.181325	OHMS	PASS
4	TRUE at J2/A16	J2/B31	FALSE	FALSE	FALSE	DI	PASS

20) FCP YAW RIGHT - CHANNEL-2							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A17	P2/A6 & P2/A12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A17	J2/B32	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A17	P2/A6 & P2/A12	0	10	4.636511	OHMS	PASS
4	TRUE at J2/A17	J2/B32	FALSE	FALSE	FALSE	DI	PASS

21) FCP PRE FLIGHT BIT - CHANNEL-2							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A18	P2/A7 & P2/A12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A18	J2/C1	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A18	P2/A7 & P2/A12	0	10	3.273579	OHMS	PASS
4	TRUE at J2/A18	J2/C1	FALSE	FALSE	FALSE	DI	PASS

22) FCP PL BIT - CHANNEL-2							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A19	P2/A8 & P2/A12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A19	J2/C2	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A19	P2/A8 & P2/A12	0	10	3.71961	OHMS	PASS
4	TRUE at J2/A19	J2/C2	FALSE	FALSE	FALSE	DI	PASS

23) FCP TRIM CHANGE OVER - CHANNEL-2							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A21	P2/A10 & P2/A12	OPEN	OPEN	OPEN	OHMS	PASS

2	FALSE at J2/A21	J2/C3	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A21	P2/A10 & P2/A12	0	10	3.512574	OHMS	PASS
4	TRUE at J2/A21	J2/C3	FALSE	FALSE	FALSE	DI	PASS

24) FCP CABLE CONTINUITY - CHANNEL-2							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A22	P2/A11 & P2/A12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A22	J2/C4	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A22	P2/A11 & P2/A12	0	10	4.498233	OHMS	PASS
4	TRUE at J2/A22	J2/C4	FALSE	FALSE	FALSE	DI	PASS

25) FCP PITCH UP - CHANNEL-3							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A23	P2/B1 & P2/B12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A23	J2/C9	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A23	P2/B1 & P2/B12	0	10	3.683745	OHMS	PASS
4	TRUE at J2/A23	J2/C9	FALSE	FALSE	FALSE	DI	PASS

26)	FCP PITCH DOWN - CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A24	P2/B2 & P2/B12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A24	J2/C10	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A24	P2/B2 & P2/B12	0	10	3.679572	OHMS	PASS
4	TRUE at J2/A24	J2/C10	FALSE	FALSE	FALSE	DI	PASS

27)	FCP ROLL LEFT - CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A25	P2/B3 & P2/B12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A25	J2/C11	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A25	P2/B3 & P2/B12	0	10	4.496613	OHMS	PASS
4	TRUE at J2/A25	J2/C11	FALSE	FALSE	FALSE	DI	PASS

28)	FCP ROLL RIGHT - CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A26	P2/B4 & P2/B12	OPEN	OPEN	OPEN	OHMS	PASS

2	FALSE at J2/A26	J2/C12	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A26	P2/B4 & P2/B12	0	10	4.327416	OHMS	PASS
4	TRUE at J2/A26	J2/C12	FALSE	FALSE	FALSE	DI	PASS

29) FCP YAW LEFT - CHANNEL-3							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A27	P2/B5 & P2/B12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A27	J2/C13	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A27	P2/B5 & P2/B12	0	10	3.748083	OHMS	PASS
4	TRUE at J2/A27	J2/C13	FALSE	FALSE	FALSE	DI	PASS

30) FCP YAW RIGHT- CHANNEL-3							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A28	P2/B6 & P2/B12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A28	J2/C14	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A28	P2/B6 & P2/B12	0	10	5.011177	OHMS	PASS
4	TRUE at J2/A28	J2/C14	FALSE	FALSE	FALSE	DI	PASS

31) FCP PRE FLIGHT BIT - CHANNEL-3

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A29	P2/B7 & P2/B12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A29	J2/C15	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A29	P2/B7 & P2/B12	0	10	3.868777	OHMS	PASS
4	TRUE at J2/A29	J2/C15	FALSE	FALSE	FALSE	DI	PASS

32) FCP PL BIT -CHANNEL-3

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A30	P2/B8 & P2/B12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A30	J2/C16	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A30	P2/B8 & P2/B12	0	10	5.801644	OHMS	PASS
4	TRUE at J2/A30	J2/C16	FALSE	FALSE	FALSE	DI	PASS

33) FCP TRIM CHANGE OVER - CHANNEL-3

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A32	P2/B10 & P2/B12	OPEN	OPEN	OPEN	OHMS	PASS

2	FALSE at J2/A32	J2/C18	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A32	P2/B10 & P2/B12	0	10	3.770924	OHMS	PASS
4	TRUE at J2/A32	J2/C18	FALSE	FALSE	FALSE	DI	PASS

34) FCP CABLE CONTINUITY - CHANNEL-3							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/B1	P2/B11 & P2/B12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B1	J2/C19	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/B1	P2/B11 & P2/B12	0	10	5.902361	OHMS	PASS
4	TRUE at J2/B1	J2/C19	FALSE	FALSE	FALSE	DI	PASS

35) FCP PITCH UP- CHANNEL-4							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/B2	P2/C1 & P2/C12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B2	J2/C22	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/B2	P2/C1 & P2/C12	0	10	5.001811	OHMS	PASS
4	TRUE at J2/B2	J2/C22	FALSE	FALSE	FALSE	DI	PASS

36) FCP PITCH DOWN - CHANNEL-4							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/B3	P2/C2 & P2/C12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B3	J2/C23	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/B3	P2/C2 & P2/C12	0	10	4.14411	OHMS	PASS
4	TRUE at J2/B3	J2/C23	FALSE	FALSE	FALSE	DI	PASS

37) FCP ROLL LEFT - CHANNEL-4							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/B4	P2/C3 & P2/C12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B4	J2/C24	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/B4	P2/C3 & P2/C12	0	10	5.012164	OHMS	PASS
4	TRUE at J2/B4	J2/C24	FALSE	FALSE	FALSE	DI	PASS

38) FCP ROLL RIGHT - CHANNEL-4							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/B5	P2/C4 & P2/C12	OPEN	OPEN	OPEN	OHMS	PASS

2	FALSE at J2/B5	J2/C25	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/B5	P2/C4 & P2/C12	0	10	3.840647	OHMS	PASS
4	TRUE at J2/B5	J2/C25	FALSE	FALSE	FALSE	DI	PASS

39) FCP YAW LEFT - CHANNEL-4							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/B6	P2/C5 & P2/C12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B6	J2/C26	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/B6	P2/C5 & P2/C12	0	10	3.682543	OHMS	PASS
4	TRUE at J2/B6	J2/C26	FALSE	FALSE	FALSE	DI	PASS

40) FCP YAW RIGHT- CHANNEL-4							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/B7	P2/C6 & P2/C12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B7	J2/C27	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/B7	P2/C6 & P2/C12	0	10	4.073774	OHMS	PASS
4	TRUE at J2/B7	J2/C27	FALSE	FALSE	FALSE	DI	PASS

41) FCP PRE FLIGHT BIT - CHANNEL-4

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/B8	P2/C7 & P2/C12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B8	J2/C28	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/B8	P2/C7 & P2/C12	0	10	4.161608	OHMS	PASS
4	TRUE at J2/B8	J2/C28	FALSE	FALSE	FALSE	DI	PASS

42) FCP PL BIT -CHANNEL-4

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/B9	P2/C8 & P2/C12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B9	J2/C29	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/B9	P2/C8 & P2/C12	0	10	3.840926	OHMS	PASS
4	TRUE at J2/B9	J2/C29	FALSE	FALSE	FALSE	DI	PASS

43) FCP TRIM CHANGE OVER - CHANNEL-4

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/B11	P2/C10 & P2/C12	OPEN	OPEN	OPEN	OHMS	PASS

2	FALSE at J2/B11	J2/C31	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/B11	P2/C10 & P2/C12	0	10	4.096454	OHMS	PASS
4	TRUE at J2/B11	J2/C31	FALSE	FALSE	FALSE	DI	PASS

44) FCP CABLE CONTINUITY - CHANNEL-4							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/B12	P2/C11 & P2/C12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B12	J2/C32	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/B12	P2/C11 & P2/C12	0	10	3.704365	OHMS	PASS
4	TRUE at J2/B12	J2/C32	FALSE	FALSE	FALSE	DI	PASS

45) FCP STAND BY GAIN - CHANNEL-1							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A9	P3/C9 & P2/C12	-0.1	0.1	0.015955	Volts DC	PASS
2	FALSE at J2/A9	J2/C5	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A9	P3/C9 & P2/C12	27.44	28.56	28.044973	Volts DC	PASS
4	TRUE at J2/A9	J2/C5	FALSE	FALSE	FALSE	DI	PASS

46) FCP STAND BY GAIN - CHANNEL-2

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A20	P2/A9 & P2/C12	-0.1	0.1	0.015741	Volts DC	PASS
2	FALSE at J2/A20	J2/C6	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A20	P2/A9 & P2/C12	27.44	28.56	28.045784	Volts DC	PASS
4	TRUE at J2/A20	J2/C6	FALSE	FALSE	FALSE	DI	PASS

47) FCP STAND BY GAIN - CHANNEL-3

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A31	P2/B9 & P2/C12	-0.1	0.1	0.01566	Volts DC	PASS
2	FALSE at J2/A31	J2/C7	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/A31	P2/B9 & P2/C12	27.44	28.56	28.046087	Volts DC	PASS
4	TRUE at J2/A31	J2/C7	FALSE	FALSE	FALSE	DI	PASS

48) FCP STAND BY GAIN - CHANNEL-4

SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/B10	P2/C9 & P2/C12	-0.1	0.1	0.013057	Volts DC	PASS

2	FALSE at J2/B10	J2/C8	TRUE	TRUE	TRUE	DI	PASS
3	TRUE at J2/B10	P2/C9 & P2/C12	27.44	28.56	28.065285	Volts DC	PASS
4	TRUE at J2/B10	J2/C8	FALSE	FALSE	FALSE	DI	PASS

49) FCP BIT GO- CHANNEL-1							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A1	P3/C13 & GND	22.864	23.796	23.175474	mA	PASS
2	FALSE at J1/A1	J1/C1	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/A1	P3/C13 & OPEN	-0.1	0.1	-0.000034	mA	PASS
4	FALSE at J1/A1	J1/C1	FALSE	FALSE	FALSE	DI	PASS
5	TRUE at J1/A1	P3/C13 & GND	-0.1	0.1	0.000046	mA	PASS
6	TRUE at J1/A1	J1/C1	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A1	P3/C13 & OPEN	-0.1	0.1	-0.00003	mA	PASS
8	TRUE at J1/A1	J1/C1	FALSE	FALSE	FALSE	DI	PASS

50) FCP BIT GO- CHANNEL-2							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A3	P2/A13 & GND	22.864	23.796	23.166651	mA	PASS

2	FALSE at J1/A3	J1/C2	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/A3	P2/A13 & OPEN	-0.1	0.1	-0.000025	mA	PASS
4	FALSE at J1/A3	J1/C2	FALSE	FALSE	FALSE	DI	PASS
5	TRUE at J1/A3	P2/A13 & GND	-0.1	0.1	0.000129	mA	PASS
6	TRUE at J1/A3	J1/C2	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A3	P2/A13 & OPEN	-0.1	0.1	0.000015	mA	PASS
8	TRUE at J1/A3	J1/C2	FALSE	FALSE	FALSE	DI	PASS

51) FCP BIT GO- CHANNEL-3							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A5	P2/B13 & GND	22.864	23.796	23.177099	mA	PASS
2	FALSE at J1/A5	J1/C3	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/A5	P2/B13 & OPEN	-0.1	0.1	-0.000011	mA	PASS
4	FALSE at J1/A5	J1/C3	FALSE	FALSE	FALSE	DI	PASS
5	TRUE at J1/A5	P2/B13 & GND	-0.1	0.1	0.000015	mA	PASS
6	TRUE at J1/A5	J1/C3	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A5	P2/B13 & OPEN	-0.1	0.1	0.000065	mA	PASS
8	TRUE at J1/A5	J1/C3	FALSE	FALSE	FALSE	DI	PASS

52)	FCP BIT GO- CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A7	P2/C13 & GND	22.864	23.796	23.1775	mA	PASS
2	FALSE at J1/A7	J1/C4	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/A7	P2/C13 & OPEN	-0.1	0.1	-0.000011	mA	PASS
4	FALSE at J1/A7	J1/C4	FALSE	FALSE	FALSE	DI	PASS
5	TRUE at J1/A7	P2/C13 & GND	-0.1	0.1	0.000017	mA	PASS
6	TRUE at J1/A7	J1/C4	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A7	P2/C13 & OPEN	-0.1	0.1	0.000112	mA	PASS
8	TRUE at J1/A7	J1/C4	FALSE	FALSE	FALSE	DI	PASS

53)	FCP BIT NOGO- CHANNEL-1						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A2	P3/C14 & GND	22.864	23.796	23.15443	mA	PASS
2	FALSE at J1/A2	J1/C5	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/A2	P3/C14 & OPEN	-0.1	0.1	0.000021	mA	PASS
4	FALSE at J1/A2	J1/C5	FALSE	FALSE	FALSE	DI	PASS

5	TRUE at J1/A2	P3/C14 & GND	-0.1	0.1	0.000023	mA	PASS
6	TRUE at J1/A2	J1/C5	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A2	P3/C14 & OPEN	-0.1	0.1	0.000011	mA	PASS
8	TRUE at J1/A2	J1/C5	FALSE	FALSE	FALSE	DI	PASS

54) FCP BIT NOGO- CHANNEL-2							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A4	P2/A14 & GND	22.864	23.796	23.176803	mA	PASS
2	FALSE at J1/A4	J1/C6	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/A4	P2/A14 & OPEN	-0.1	0.1	-0.000042	mA	PASS
4	FALSE at J1/A4	J1/C6	FALSE	FALSE	FALSE	DI	PASS
5	TRUE at J1/A4	P2/A14 & GND	-0.1	0.1	0.000044	mA	PASS
6	TRUE at J1/A4	J1/C6	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A4	P2/A14 & OPEN	-0.1	0.1	0.000013	mA	PASS
8	TRUE at J1/A4	J1/C6	FALSE	FALSE	FALSE	DI	PASS

55)	FCP BIT NOGO- CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A6	P2/B14 & GND	22.864	23.796	23.16072	mA	PASS
2	FALSE at J1/A6	J1/C7	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/A6	P2/B14 & OPEN	-0.1	0.1	-0.000015	mA	PASS
4	FALSE at J1/A6	J1/C7	FALSE	FALSE	FALSE	DI	PASS
5	TRUE at J1/A6	P2/B14 & GND	-0.1	0.1	0.000074	mA	PASS
6	TRUE at J1/A6	J1/C7	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A6	P2/B14 & OPEN	-0.1	0.1	-0.000015	mA	PASS
8	TRUE at J1/A6	J1/C7	FALSE	FALSE	FALSE	DI	PASS

56) FCP BIT NOGO- CHANNEL-4							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A8	P2/C14 & GND	22.864	23.796	23.176635	mA	PASS
2	FALSE at J1/A8	J1/C8	TRUE	TRUE	TRUE	DI	PASS
3	FALSE at J1/A8	P2/C14 & OPEN	-0.1	0.1	-0.000015	mA	PASS
4	FALSE at J1/A8	J1/C8	FALSE	FALSE	FALSE	DI	PASS
5	TRUE at J1/A8	P2/C14 & GND	-0.1	0.1	0.000068	mA	PASS
6	TRUE at J1/A8	J1/C8	TRUE	TRUE	TRUE	DI	PASS
7	TRUE at J1/A8	P2/C14 & OPEN	-0.1	0.1	-0.000078	mA	PASS
8	TRUE at J1/A8	J1/C8	FALSE	FALSE	FALSE	DI	PASS

57) FTU SPARE-CHANNEL-1							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A9	P3/A18	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J1/A9	J1/B9	FALSE	FALSE	FALSE	DI	PASS

3	TRUE at J1/A9	P3/A19	0	10	3.96766	OHMS	PASS
4	TRUE at J1/A9	J1/B9	TRUE	TRUE	TRUE	DI	PASS

58) FTU INITIATE-CHANNEL-1							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A10	P3/A18	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J1/A10	J1/B10	FALSE	FALSE	FALSE	DI	PASS
3	TRUE at J1/A10	P3/A20	0	10	3.881951	OHMS	PASS
4	TRUE at J1/A10	J1/B10	TRUE	TRUE	TRUE	DI	PASS

59) FTU ABORT-CHANNEL-3							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A11	P3/A25	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J1/A11	J1/B11	FALSE	FALSE	FALSE	DI	PASS
3	TRUE at J1/A11	P3/A26	0	10	4.305681	OHMS	PASS
4	TRUE at J1/A11	J1/B11	TRUE	TRUE	TRUE	DI	PASS

60)	FTU ABORT-CHANNEL-2						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J1/A12	P3/A22	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J1/A12	J1/B12	FALSE	FALSE	FALSE	DI	PASS
3	TRUE at J1/A12	P3/A23	0	10	3.939048	OHMS	PASS
4	TRUE at J1/A12	J1/B12	TRUE	TRUE	TRUE	DI	PASS

61)	FTU LOE TEST INPUT-CHANNEL-2						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/B28 and P3/B29	J3/A1	-0.1	0.1	-0.003583	Volts DC	PASS
2	9V at P3/B28 and P3/B29	J3/A1	-9.18	-8.82	-9.003651	Volts DC	PASS
3	-9V at P3/B28 and P3/B29	J3/A1	8.82	9.18	8.994625	Volts DC	PASS

62)	FTU LIE TEST INPUT-CHANNEL-1						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/B19 and P3/B20	J3/A2	-0.1	0.1	-0.00201	Volts DC	PASS
2	9V at P3/B19 and P3/B20	J3/A2	-9.18	-8.82	-9.003197	Volts DC	PASS
3	-9V at P3/B19 and P3/B20	J3/A2	8.82	9.18	8.994028	Volts DC	PASS

63)	FTU RUDDER TEST INPUT-CHANNEL-1						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/B22 and P3/B23	J3/A3	-0.1	0.1	-0.00307	Volts DC	PASS
2	9V at P3/B22 and P3/B23	J3/A3	-9.18	-8.82	-9.00127	Volts DC	PASS
3	-9V at P3/B22 and P3/B23	J3/A3	8.82	9.18	8.992848	Volts DC	PASS

64) FTU RIE TEST INPUT-CHANNEL-2							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/B31 and P3/B32	J3/A4	-0.1	0.1	-0.003613	Volts DC	PASS
2	9V at P3/B31 and P3/B32	J3/A4	-9.18	-8.82	-9.004632	Volts DC	PASS
3	-9V at P3/B31 and P3/B32	J3/A4	8.82	9.18	8.995548	Volts DC	PASS

65) FTU ROE TEST INPUT-CHANNEL-1							
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/B25 and P3/B26	J3/A5	-0.1	0.1	-0.003698	Volts DC	PASS
2	9V at P3/B25 and P3/B26	J3/A5	-9.18	-8.82	-9.002236	Volts DC	PASS
3	-9V at P3/B25 and P3/B26	J3/A5	8.82	9.18	8.992849	Volts DC	PASS