

TYPE-10 SIGNAL CONDITIONING CARD TEST REPORT

SL NO.:012

DATE:08-Feb-2022

1)	CHANNEL-1 RSA PITCH RATE-BAE					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	0 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B1=0V,J2/B2=0V)	P3/A1 & P3/C1	-0.1	0.1	-0.000183	PASS
2	0 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B1=0V,J2/B2=0V)	J3/A1 & GND	-0.1	0.1	0.018971	PASS
3	0 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B1=0V,J2/B2=0V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.037942	PASS
4	0 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B1=0V,J2/B2=0V)	P3/B1 & P3/C1	-0.1	0.1	-0.00007	PASS

5	0 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B1=0V,J2/B2=0V)(J2/A17=5V,J2/A18=0V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.038113	PASS
6	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B1=0V,J2/B2=0V)	P3/A1 & P3/C1	-6.12	-5.88	-5.93787	PASS
7	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B1=0V,J2/B2=0V)	J3/A1 & GND	-4.2228	-4.0572	-4.08294	PASS
8	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B1=0V,J2/B2=0V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.900253	PASS
9	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B1=0V,J2/B2=0V)	P3/B1 & P3/C1	-6.12	-5.88	-5.943848	PASS
10	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B1=0V,J2/B2=0V)(J2/A17=5V,J2/A18=0V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.904927	PASS
11	-9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B1=0V,J2/B2=0V)	P3/A1 & P3/C1	5.88	6.12	5.937819	PASS
12	-9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B1=0V,J2/B2=0V)	J3/A1 & GND	4.0572	4.2228	4.114807	PASS
13	-9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B1=0V,J2/B2=0V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	5.88	6.12	5.963967	PASS

14	-9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B1=0V,J2/B2=0V)	P3/B1 & P3/C1	5.88	6.12	5.943697	PASS
15	-9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B1=0V,J2/B2=0V)(J2/A17=5V,J2/A18=0V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	5.88	6.12	5.969113	PASS
16	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B1=5V,J2/B2=0V)	P3/A1 & P3/C1	-0.1	0.1	-0.000009	PASS
17	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B1=5V,J2/B2=0V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.03915	PASS
18	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B1=5V,J2/B2=0V)	P3/B1 & P3/C1	-6.12	-5.88	-5.943693	PASS
19	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B1=5V,J2/B2=0V)(J2/A17=5V,J2/A18=0V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.903944	PASS
20	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B1=0V,J2/B2=5V)	P3/A1 & P3/C1	-6.12	-5.88	-5.96264	PASS
21	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B1=0V,J2/B2=5V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.923588	PASS
22	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B1=0V,J2/B2=5V)	P3/B1 & P3/C1	-0.1	0.1	-0.000021	PASS

23	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B1=0V,J2/B2=5V)(J2/A17=5V,J2/A18=0V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.039201	PASS
24	0 Volts at J3/B11 (J2/B25=5V,J2/A13=5V)(J2/B1=0V,J2/B2=0V)	P3/A1 & P3/C1	-0.1	0.1	-0.004229	PASS
25	0 Volts at J3/B11 (J2/B25=5V,J2/A13=5V)(J2/B1=0V,J2/B2=0V)	J3/A1 & GND	-0.1	0.1	0.015979	PASS
26	0 Volts at J3/B11 (J2/B25=5V,J2/A13=5V)(J2/B1=0V,J2/B2=0V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.033461	PASS
27	0 Volts at J3/B11 (J2/B25=5V,J2/A13=5V)(J2/B1=0V,J2/B2=0V)	P3/B1 & P3/C1	-0.1	0.1	-0.004134	PASS
28	0 Volts at J3/B11 (J2/B25=5V,J2/A13=5V)(J2/B1=0V,J2/B2=0V)(J2/A17=5V,J2/A18=0V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.033639	PASS
29	9 Volts at J3/B11 (J2/B25=5V,J2/A13=5V)(J2/B1=0V,J2/B2=0V)	P3/A1 & P3/C1	-6.12	-5.88	-5.927034	PASS
30	9 Volts at J3/B11 (J2/B25=5V,J2/A13=5V)(J2/B1=0V,J2/B2=0V)	J3/A1 & GND	-4.2228	-4.0572	-4.079316	PASS
31	9 Volts at J3/B11 (J2/B25=5V,J2/A13=5V)(J2/B1=0V,J2/B2=0V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.897304	PASS

32	9 Volts at J3/B11 (J2/B25=5V,J2/A13=5V)(J2/B1=0V,J2/B2=0V)	P3/B1 & P3/C1	-6.12	-5.88	-5.941295	PASS
33	9 Volts at J3/B11 (J2/B25=5V,J2/A13=5V)(J2/B1=0V,J2/B2=0V)(J2/A17=5V,J2/A18=0V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.903824	PASS
34	-9 Volts at J3/B11 (J2/B25=5V,J2/A13=5V)(J2/B1=0V,J2/B2=0V)	P3/A1 & P3/C1	5.88	6.12	5.921922	PASS
35	-9 Volts at J3/B11 (J2/B25=5V,J2/A13=5V)(J2/B1=0V,J2/B2=0V)	J3/A1 & GND	4.0572	4.2228	4.112777	PASS
36	-9 Volts at J3/B11 (J2/B25=5V,J2/A13=5V)(J2/B1=0V,J2/B2=0V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	5.88	6.12	5.96582	PASS
37	-9 Volts at J3/B11 (J2/B25=5V,J2/A13=5V)(J2/B1=0V,J2/B2=0V)	P3/B1 & P3/C1	5.88	6.12	5.934446	PASS
38	-9 Volts at J3/B11 (J2/B25=5V,J2/A13=5V)(J2/B1=0V,J2/B2=0V)(J2/A17=5V,J2/A18=0V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	5.88	6.12	5.972146	PASS
39	9 Volts at J3/B11 (J2/B25=5V,J2/A13=5V)(J2/B1=5V,J2/B2=0V)	P3/A1 & P3/C1	-0.1	0.1	0.000013	PASS
40	9 Volts at J3/B11 (J2/B25=5V,J2/A13=5V)(J2/B1=5V,J2/B2=0V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.038488	PASS

41	9 Volts at J3/B11 (J2/B25=5V,J2/A13=5V)(J2/B1=5V,J2/B2=0V)	P3/B1 & P3/C1	-6.12	-5.88	-5.941016	PASS
42	9 Volts at J3/B11 (J2/B25=5V,J2/A13=5V)(J2/B1=5V,J2/B2=0V)(J2/A17=5V,J2/A18=0V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.902777	PASS
43	9 Volts at J3/B11 (J2/B25=5V,J2/A13=5V)(J2/B1=0V,J2/B2=5V)	P3/A1 & P3/C1	-6.12	-5.88	-5.96136	PASS
44	9 Volts at J3/B11 (J2/B25=5V,J2/A13=5V)(J2/B1=0V,J2/B2=5V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.923285	PASS
45	9 Volts at J3/B11 (J2/B25=5V,J2/A13=5V)(J2/B1=0V,J2/B2=5V)	P3/B1 & P3/C1	-0.1	0.1	-0.000006	PASS
46	9 Volts at J3/B11 (J2/B25=5V,J2/A13=5V)(J2/B1=0V,J2/B2=5V)(J2/A17=5V,J2/A18=0V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.038562	PASS

2)	CHANNEL-2 RSA PITCH RATE-BAE					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	0 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B3=0V,J2/B4=0V)	P3/A2 & P3/C2	-0.1	0.1	-0.000331	PASS
2	0 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B3=0V,J2/B4=0V)	J3/A2 & GND	-0.1	0.1	0.020683	PASS
3	0 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B3=0V,J2/B4=0V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.042272	PASS
4	0 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B3=0V,J2/B4=0V)	P3/B2 & P3/C2	-0.1	0.1	-0.000268	PASS
5	0 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B3=0V,J2/B4=0V)(J2/A17=5V,J2/A18=5V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.042629	PASS
6	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B3=0V,J2/B4=0V)	P3/A2 & P3/C2	-6.12	-5.88	-5.93776	PASS
7	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B3=0V,J2/B4=0V)	J3/A2 & GND	-4.2228	-4.0572	-4.079161	PASS

8	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B3=0V,J2/B4=0V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.894401	PASS
9	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B3=0V,J2/B4=0V)	P3/B2 & P3/C2	-6.12	-5.88	-5.942064	PASS
10	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B3=0V,J2/B4=0V)(J2/A17=5V,J2/A18=5V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.899626	PASS
11	-9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B3=0V,J2/B4=0V)	P3/A2 & P3/C2	5.88	6.12	5.937637	PASS
12	-9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B3=0V,J2/B4=0V)	J3/A2 & GND	4.0572	4.2228	4.115822	PASS
13	-9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B3=0V,J2/B4=0V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	5.88	6.12	5.968145	PASS
14	-9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B3=0V,J2/B4=0V)	P3/B2 & P3/C2	5.88	6.12	5.941694	PASS
15	-9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B3=0V,J2/B4=0V)(J2/A17=5V,J2/A18=5V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	5.88	6.12	5.974061	PASS
16	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B3=5V,J2/B4=0V)	P3/A2 & P3/C2	-0.1	0.1	-0.000009	PASS

17	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B3=5V,J2/B4=0V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.044547	PASS
18	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B3=5V,J2/B4=0V)	P3/B2 & P3/C2	-6.12	-5.88	-5.941866	PASS
19	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B3=5V,J2/B4=0V)(J2/A17=5V,J2/A18=5V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.898166	PASS
20	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B3=0V,J2/B4=5V)	P3/A2 & P3/C2	-6.12	-5.88	-5.962462	PASS
21	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B3=0V,J2/B4=5V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.917173	PASS
22	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B3=0V,J2/B4=5V)	P3/B2 & P3/C2	-0.1	0.1	-0.00002	PASS
23	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B3=0V,J2/B4=5V)(J2/A17=5V,J2/A18=5V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.044857	PASS
24	0 Volts at J3/B12 (J2/B25=5V,J2/A13=5V)(J2/B3=0V,J2/B4=0V)	P3/A2 & P3/C2	-0.1	0.1	-0.008163	PASS
25	0 Volts at J3/B12 (J2/B25=5V,J2/A13=5V)(J2/B3=0V,J2/B4=0V)	J3/A2 & GND	-0.1	0.1	0.016228	PASS

26	0 Volts at J3/B12 (J2/B25=5V,J2/A13=5V)(J2/B3=0V,J2/B4=0V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.035232	PASS
27	0 Volts at J3/B12 (J2/B25=5V,J2/A13=5V)(J2/B3=0V,J2/B4=0V)	P3/B2 & P3/C2	-0.1	0.1	-0.001863	PASS
28	0 Volts at J3/B12 (J2/B25=5V,J2/A13=5V)(J2/B3=0V,J2/B4=0V)(J2/A17=5V,J2/A18=5V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.036449	PASS
29	9 Volts at J3/B12 (J2/B25=5V,J2/A13=5V)(J2/B3=0V,J2/B4=0V)	P3/A2 & P3/C2	-6.12	-5.88	-5.936563	PASS
30	9 Volts at J3/B12 (J2/B25=5V,J2/A13=5V)(J2/B3=0V,J2/B4=0V)	J3/A2 & GND	-4.2228	-4.0572	-4.081431	PASS
31	9 Volts at J3/B12 (J2/B25=5V,J2/A13=5V)(J2/B3=0V,J2/B4=0V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.89982	PASS
32	9 Volts at J3/B12 (J2/B25=5V,J2/A13=5V)(J2/B3=0V,J2/B4=0V)	P3/B2 & P3/C2	-6.12	-5.88	-5.942056	PASS
33	9 Volts at J3/B12 (J2/B25=5V,J2/A13=5V)(J2/B3=0V,J2/B4=0V)(J2/A17=5V,J2/A18=5V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.905576	PASS
34	-9 Volts at J3/B12 (J2/B25=5V,J2/A13=5V)(J2/B3=0V,J2/B4=0V)	P3/A2 & P3/C2	5.88	6.12	5.90524	PASS

35	-9 Volts at J3/B12 (J2/B25=5V,J2/A13=5V)(J2/B3=0V,J2/B4=0V)	J3/A2 & GND	4.0572	4.2228	4.101663	PASS
36	-9 Volts at J3/B12 (J2/B25=5V,J2/A13=5V)(J2/B3=0V,J2/B4=0V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	5.88	6.12	5.952095	PASS
37	-9 Volts at J3/B12 (J2/B25=5V,J2/A13=5V)(J2/B3=0V,J2/B4=0V)	P3/B2 & P3/C2	5.88	6.12	5.920293	PASS
38	-9 Volts at J3/B12 (J2/B25=5V,J2/A13=5V)(J2/B3=0V,J2/B4=0V)(J2/A17=5V,J2/A18=5V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	5.88	6.12	5.960049	PASS
39	9 Volts at J3/B12 (J2/B25=5V,J2/A13=5V)(J2/B3=5V,J2/B4=0V)	P3/A2 & P3/C2	-0.1	0.1	0.000009	PASS
40	9 Volts at J3/B12 (J2/B25=5V,J2/A13=5V)(J2/B3=5V,J2/B4=0V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.038614	PASS
41	9 Volts at J3/B12 (J2/B25=5V,J2/A13=5V)(J2/B3=5V,J2/B4=0V)	P3/B2 & P3/C2	-6.12	-5.88	-5.939509	PASS
42	9 Volts at J3/B12 (J2/B25=5V,J2/A13=5V)(J2/B3=5V,J2/B4=0V)(J2/A17=5V,J2/A18=5V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.902755	PASS
43	9 Volts at J3/B12 (J2/B25=5V,J2/A13=5V)(J2/B3=0V,J2/B4=5V)	P3/A2 & P3/C2	-6.12	-5.88	-5.961413	PASS

44	9 Volts at J3/B12 (J2/B25=5V,J2/A13=5V)(J2/B3=0V,J2/B4=5V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.92246	PASS
45	9 Volts at J3/B12 (J2/B25=5V,J2/A13=5V)(J2/B3=0V,J2/B4=5V)	P3/B2 & P3/C2	-0.1	0.1	-0.000006	PASS
46	9 Volts at J3/B12 (J2/B25=5V,J2/A13=5V)(J2/B3=0V,J2/B4=5V)(J2/A17=5V,J2/A18=5V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.038674	PASS

3)	CHANNEL-3 RSA PITCH RATE-BAE					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	0 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B5=0V,J2/B6=0V)	P3/A3 & P3/C3	-0.1	0.1	-0.000216	PASS
2	0 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B5=0V,J2/B6=0V)	J3/A3 & GND	-0.1	0.1	0.020752	PASS
3	0 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B5=0V,J2/B6=0V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.042258	PASS
4	0 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B5=0V,J2/B6=0V)	P3/B3 & P3/C3	-0.1	0.1	-0.000198	PASS

5	0 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B5=0V,J2/B6=0V)(J2/A17=5V,J2/A18=0V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.042705	PASS
6	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B5=0V,J2/B6=0V)	P3/A3 & P3/C3	-6.12	-5.88	-5.936653	PASS
7	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B5=0V,J2/B6=0V)	J3/A3 & GND	-4.2228	-4.0572	-4.078373	PASS
8	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B5=0V,J2/B6=0V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.894737	PASS
9	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B5=0V,J2/B6=0V)	P3/B3 & P3/C3	-6.12	-5.88	-5.941209	PASS
10	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B5=0V,J2/B6=0V)(J2/A17=5V,J2/A18=0V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.89796	PASS
11	-9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B5=0V,J2/B6=0V)	P3/A3 & P3/C3	5.88	6.12	5.93686	PASS
12	-9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B5=0V,J2/B6=0V)	J3/A3 & GND	4.0572	4.2228	4.115435	PASS
13	-9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B5=0V,J2/B6=0V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	5.88	6.12	5.968744	PASS

14	-9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B5=0V,J2/B6=0V)	P3/B3 & P3/C3	5.88	6.12	5.941083	PASS
15	-9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B5=0V,J2/B6=0V)(J2/A17=5V,J2/A18=0V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	5.88	6.12	5.972754	PASS
16	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B5=5V,J2/B6=0V)	P3/A3 & P3/C3	-0.1	0.1	-0.000004	PASS
17	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B5=5V,J2/B6=0V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.044606	PASS
18	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B5=5V,J2/B6=0V)	P3/B3 & P3/C3	-6.12	-5.88	-5.941069	PASS
19	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B5=5V,J2/B6=0V)(J2/A17=5V,J2/A18=0V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.89647	PASS
20	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B5=0V,J2/B6=5V)	P3/A3 & P3/C3	-6.12	-5.88	-5.961432	PASS
21	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B5=0V,J2/B6=5V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.917537	PASS
22	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B5=0V,J2/B6=5V)	P3/B3 & P3/C3	-0.1	0.1	-0.000019	PASS

23	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B5=0V,J2/B6=5V)(J2/A17=5V,J2/A18=0V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.044926	PASS
24	0 Volts at J3/B13 (J2/B25=5V,J2/A13=5V)(J2/B5=0V,J2/B6=0V)	P3/A3 & P3/C3	-0.1	0.1	0.008853	PASS
25	0 Volts at J3/B13 (J2/B25=5V,J2/A13=5V)(J2/B5=0V,J2/B6=0V)	J3/A3 & GND	-0.1	0.1	0.022269	PASS
26	0 Volts at J3/B13 (J2/B25=5V,J2/A13=5V)(J2/B5=0V,J2/B6=0V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.041374	PASS
27	0 Volts at J3/B13 (J2/B25=5V,J2/A13=5V)(J2/B5=0V,J2/B6=0V)	P3/B3 & P3/C3	-0.1	0.1	0.002776	PASS
28	0 Volts at J3/B13 (J2/B25=5V,J2/A13=5V)(J2/B5=0V,J2/B6=0V)(J2/A17=5V,J2/A18=0V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.040447	PASS
29	9 Volts at J3/B13 (J2/B25=5V,J2/A13=5V)(J2/B5=0V,J2/B6=0V)	P3/A3 & P3/C3	-6.12	-5.88	-5.915641	PASS
30	9 Volts at J3/B13 (J2/B25=5V,J2/A13=5V)(J2/B5=0V,J2/B6=0V)	J3/A3 & GND	-4.2228	-4.0572	-4.073549	PASS
31	9 Volts at J3/B13 (J2/B25=5V,J2/A13=5V)(J2/B5=0V,J2/B6=0V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.8933	PASS

32	9 Volts at J3/B13 (J2/B25=5V,J2/A13=5V)(J2/B5=0V,J2/B6=0V)	P3/B3 & P3/C3	-6.12	-5.88	-5.936842	PASS
33	9 Volts at J3/B13 (J2/B25=5V,J2/A13=5V)(J2/B5=0V,J2/B6=0V)(J2/A17=5V,J2/A18=0V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.90035	PASS
34	-9 Volts at J3/B13 (J2/B25=5V,J2/A13=5V)(J2/B5=0V,J2/B6=0V)	P3/A3 & P3/C3	5.88	6.12	5.930808	PASS
35	-9 Volts at J3/B13 (J2/B25=5V,J2/A13=5V)(J2/B5=0V,J2/B6=0V)	J3/A3 & GND	4.0572	4.2228	4.1183	PASS
36	-9 Volts at J3/B13 (J2/B25=5V,J2/A13=5V)(J2/B5=0V,J2/B6=0V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	5.88	6.12	5.976734	PASS
37	-9 Volts at J3/B13 (J2/B25=5V,J2/A13=5V)(J2/B5=0V,J2/B6=0V)	P3/B3 & P3/C3	5.88	6.12	5.943129	PASS
38	-9 Volts at J3/B13 (J2/B25=5V,J2/A13=5V)(J2/B5=0V,J2/B6=0V)(J2/A17=5V,J2/A18=0V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	5.88	6.12	5.982003	PASS
39	9 Volts at J3/B13 (J2/B25=5V,J2/A13=5V)(J2/B5=5V,J2/B6=0V)	P3/A3 & P3/C3	-0.1	0.1	0.000011	PASS
40	9 Volts at J3/B13 (J2/B25=5V,J2/A13=5V)(J2/B5=5V,J2/B6=0V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.039082	PASS

41	9 Volts at J3/B13 (J2/B25=5V,J2/A13=5V)(J2/B5=5V,J2/B6=0V)	P3/B3 & P3/C3	-6.12	-5.88	-5.938085	PASS
42	9 Volts at J3/B13 (J2/B25=5V,J2/A13=5V)(J2/B5=5V,J2/B6=0V)(J2/A17=5V,J2/A18=0V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.900434	PASS
43	9 Volts at J3/B13 (J2/B25=5V,J2/A13=5V)(J2/B5=0V,J2/B6=5V)	P3/A3 & P3/C3	-6.12	-5.88	-5.960369	PASS
44	9 Volts at J3/B13 (J2/B25=5V,J2/A13=5V)(J2/B5=0V,J2/B6=5V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.922718	PASS
45	9 Volts at J3/B13 (J2/B25=5V,J2/A13=5V)(J2/B5=0V,J2/B6=5V)	P3/B3 & P3/C3	-0.1	0.1	-0.000009	PASS
46	9 Volts at J3/B13 (J2/B25=5V,J2/A13=5V)(J2/B5=0V,J2/B6=5V)(J2/A17=5V,J2/A18=0V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.039124	PASS

4)	CHANNEL-4 RSA PITCH RATE-BAE					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	0 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B7=0V,J2/B8=0V)	P3/A4 & P3/C4	-0.1	0.1	-0.000251	PASS
2	0 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B7=0V,J2/B8=0V)	J3/A4 & GND	-0.1	0.1	0.0209	PASS
3	0 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B7=0V,J2/B8=0V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.042415	PASS
4	0 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B7=0V,J2/B8=0V)	P3/B4 & P3/C4	-0.1	0.1	-0.000247	PASS
5	0 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B7=0V,J2/B8=0V)(J2/A17=5V,J2/A18=5V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.04266	PASS
6	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B7=0V,J2/B8=0V)	P3/A4 & P3/C4	-6.12	-5.88	-5.935505	PASS
7	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B7=0V,J2/B8=0V)	J3/A4 & GND	-4.2228	-4.0572	-4.079339	PASS

8	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B7=0V,J2/B8=0V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.894381	PASS
9	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B7=0V,J2/B8=0V)	P3/B4 & P3/C4	-6.12	-5.88	-5.943311	PASS
10	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B7=0V,J2/B8=0V)(J2/A17=5V,J2/A18=5V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.898787	PASS
11	-9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B7=0V,J2/B8=0V)	P3/A4 & P3/C4	5.88	6.12	5.93563	PASS
12	-9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B7=0V,J2/B8=0V)	J3/A4 & GND	4.0572	4.2228	4.116402	PASS
13	-9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B7=0V,J2/B8=0V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	5.88	6.12	5.968511	PASS
14	-9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B7=0V,J2/B8=0V)	P3/B4 & P3/C4	5.88	6.12	5.94308	PASS
15	-9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B7=0V,J2/B8=0V)(J2/A17=5V,J2/A18=5V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	5.88	6.12	5.973388	PASS
16	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B7=5V,J2/B8=0V)	P3/A4 & P3/C4	-0.1	0.1	-0.000009	PASS

17	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B7=5V,J2/B8=0V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.044635	PASS
18	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B7=5V,J2/B8=0V)	P3/B4 & P3/C4	-6.12	-5.88	-5.943168	PASS
19	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B7=5V,J2/B8=0V)(J2/A17=5V,J2/A18=5V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.897434	PASS
20	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B7=0V,J2/B8=5V)	P3/A4 & P3/C4	-6.12	-5.88	-5.960258	PASS
21	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B7=0V,J2/B8=5V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.917148	PASS
22	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B7=0V,J2/B8=5V)	P3/B4 & P3/C4	-0.1	0.1	-0.000022	PASS
23	9 Volts at P3/A27 and P3/C27 (J2/B25=5V,J2/A13=0V)(J2/B7=0V,J2/B8=5V)(J2/A17=5V,J2/A18=5V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.0448	PASS
24	0 Volts at J3/B14 (J2/B25=5V,J2/A13=5V)(J2/B7=0V,J2/B8=0V)	P3/A4 & P3/C4	-0.1	0.1	0.009238	PASS
25	0 Volts at J3/B14 (J2/B25=5V,J2/A13=5V)(J2/B7=0V,J2/B8=0V)	J3/A4 & GND	-0.1	0.1	0.022294	PASS

26	0 Volts at J3/B14 (J2/B25=5V,J2/A13=5V)(J2/B7=0V,J2/B8=0V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.041313	PASS
27	0 Volts at J3/B14 (J2/B25=5V,J2/A13=5V)(J2/B7=0V,J2/B8=0V)	P3/B4 & P3/C4	-0.1	0.1	0.002746	PASS
28	0 Volts at J3/B14 (J2/B25=5V,J2/A13=5V)(J2/B7=0V,J2/B8=0V)(J2/A17=5V,J2/A18=5V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.040269	PASS
29	9 Volts at J3/B14 (J2/B25=5V,J2/A13=5V)(J2/B7=0V,J2/B8=0V)	P3/A4 & P3/C4	-6.12	-5.88	-5.919665	PASS
30	9 Volts at J3/B14 (J2/B25=5V,J2/A13=5V)(J2/B7=0V,J2/B8=0V)	J3/A4 & GND	-4.2228	-4.0572	-4.075472	PASS
31	9 Volts at J3/B14 (J2/B25=5V,J2/A13=5V)(J2/B7=0V,J2/B8=0V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.892885	PASS
32	9 Volts at J3/B14 (J2/B25=5V,J2/A13=5V)(J2/B7=0V,J2/B8=0V)	P3/B4 & P3/C4	-6.12	-5.88	-5.937974	PASS
33	9 Volts at J3/B14 (J2/B25=5V,J2/A13=5V)(J2/B7=0V,J2/B8=0V)(J2/A17=5V,J2/A18=5V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.899691	PASS
34	-9 Volts at J3/B14 (J2/B25=5V,J2/A13=5V)(J2/B7=0V,J2/B8=0V)	P3/A4 & P3/C4	5.88	6.12	5.896309	PASS

35	-9 Volts at J3/B14 (J2/B25=5V,J2/A13=5V)(J2/B7=0V,J2/B8=0V)	J3/A4 & GND	4.0572	4.2228	4.096665	PASS
36	-9 Volts at J3/B14 (J2/B25=5V,J2/A13=5V)(J2/B7=0V,J2/B8=0V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	5.88	6.12	5.943995	PASS
37	-9 Volts at J3/B14 (J2/B25=5V,J2/A13=5V)(J2/B7=0V,J2/B8=0V)	P3/B4 & P3/C4	5.88	6.12	5.912905	PASS
38	-9 Volts at J3/B14 (J2/B25=5V,J2/A13=5V)(J2/B7=0V,J2/B8=0V)(J2/A17=5V,J2/A18=5V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	5.88	6.12	5.950471	PASS

39	9 Volts at J3/B14 (J2/B25=5V,J2/A13=5V)(J2/B7=5V,J2/B8=0V)	P3/A4 & P3/C4	-0.1	0.1	0.000009	PASS
40	9 Volts at J3/B14 (J2/B25=5V,J2/A13=5V)(J2/B7=5V,J2/B8=0V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.039095	PASS
41	9 Volts at J3/B14 (J2/B25=5V,J2/A13=5V)(J2/B7=5V,J2/B8=0V)	P3/B4 & P3/C4	-6.12	-5.88	-5.93787	PASS
42	9 Volts at J3/B14 (J2/B25=5V,J2/A13=5V)(J2/B7=5V,J2/B8=0V)(J2/A17=5V,J2/A18=5V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.898768	PASS
43	9 Volts at J3/B14 (J2/B25=5V,J2/A13=5V)(J2/B7=0V,J2/B8=5V)	P3/A4 & P3/C4	-6.12	-5.88	-5.956647	PASS
44	9 Volts at J3/B14 (J2/B25=5V,J2/A13=5V)(J2/B7=0V,J2/B8=5V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-6.12	-5.88	-5.919697	PASS
45	9 Volts at J3/B14 (J2/B25=5V,J2/A13=5V)(J2/B7=0V,J2/B8=5V)	P3/B4 & P3/C4	-0.1	0.1	-0.000009	PASS
46	9 Volts at J3/B14 (J2/B25=5V,J2/A13=5V)(J2/B7=0V,J2/B8=5V)(J2/A17=5V,J2/A18=5V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.039137	PASS

5)	CHANNEL-1 RSA ROLL RATE-BAE					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	0 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B9=0V,J2/B10=0V)	P3/A10 & P3/C10	-0.1	0.1	-0.000331	PASS
2	0 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B9=0V,J2/B10=0V)	J3/A5 & GND	-0.1	0.1	0.020154	PASS
3	0 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B9=0V,J2/B10=0V)(J2/A21=0V,J2/A22=0V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.041614	PASS
4	0 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B9=0V,J2/B10=0V)	P3/B10 & P3/C10	-0.1	0.1	-0.000276	PASS
5	0 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B9=0V,J2/B10=0V)(J2/A21=5V,J2/A22=0V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.04213	PASS
6	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B9=0V,J2/B10=0V)	P3/A10 & P3/C10	-6.12	-5.88	-5.985037	PASS

7	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B9=0V,J2/B10=0V)	J3/A5 & GND	-4.2228	-4.0572	-4.111443	PASS
8	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B9=0V,J2/B10=0V)(J2/A21=0V,J2/A22=0V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.942579	PASS
9	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B9=0V,J2/B10=0V)	P3/B10 & P3/C10	-6.12	-5.88	-5.989676	PASS
10	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B9=0V,J2/B10=0V)(J2/A21=5V,J2/A22=0V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.946201	PASS
11	-9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B9=0V,J2/B10=0V)	P3/A10 & P3/C10	5.88	6.12	5.98498	PASS
12	-9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B9=0V,J2/B10=0V)	J3/A5 & GND	4.0572	4.2228	4.147576	PASS
13	-9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B9=0V,J2/B10=0V)(J2/A21=0V,J2/A22=0V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	5.88	6.12	6.015313	PASS
14	-9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B9=0V,J2/B10=0V)	P3/B10 & P3/C10	5.88	6.12	5.989402	PASS
15	-9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B9=0V,J2/B10=0V)(J2/A21=5V,J2/A22=0V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	5.88	6.12	6.019925	PASS

16	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B9=5V,J2/B10=0V)	P3/A10 & P3/C10	-0.1	0.1	-0.000005	PASS
17	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B9=5V,J2/B10=0V)(J2/A21=0V,J2/A22=0V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.044048	PASS
18	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B9=5V,J2/B10=0V)	P3/B10 & P3/C10	-6.12	-5.88	-5.989559	PASS
19	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B9=5V,J2/B10=0V)(J2/A21=5V,J2/A22=0V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.944928	PASS
20	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B9=0V,J2/B10=5V)	P3/A10 & P3/C10	-6.12	-5.88	-5.990512	PASS
21	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B9=0V,J2/B10=5V)(J2/A21=0V,J2/A22=0V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.946015	PASS
22	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B9=0V,J2/B10=5V)	P3/B10 & P3/C10	-0.1	0.1	-0.000022	PASS
23	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B9=0V,J2/B10=5V)(J2/A21=5V,J2/A22=0V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.044334	PASS
24	0 Volts at J3/B15 (J2/B25=5V,J2/A14=5V)(J2/B9=0V,J2/B10=0V)	P3/A10 & P3/C10	-0.1	0.1	0.008368	PASS

25	0 Volts at J3/B15 (J2/B25=5V,J2/A14=5V)(J2/B9=0V,J2/B10=0V)	J3/A5 & GND	-0.1	0.1	0.021983	PASS
26	0 Volts at J3/B15 (J2/B25=5V,J2/A14=5V)(J2/B9=0V,J2/B10=0V)(J2/A21=0V,J2/A22=0V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.041013	PASS
27	0 Volts at J3/B15 (J2/B25=5V,J2/A14=5V)(J2/B9=0V,J2/B10=0V)	P3/B10 & P3/C10	-0.1	0.1	0.002652	PASS
28	0 Volts at J3/B15 (J2/B25=5V,J2/A14=5V)(J2/B9=0V,J2/B10=0V)(J2/A21=5V,J2/A22=0V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.040125	PASS
29	9 Volts at J3/B15 (J2/B25=5V,J2/A14=5V)(J2/B9=0V,J2/B10=0V)	P3/A10 & P3/C10	-6.12	-5.88	-5.954629	PASS
30	9 Volts at J3/B15 (J2/B25=5V,J2/A14=5V)(J2/B9=0V,J2/B10=0V)	J3/A5 & GND	-4.2228	-4.0572	-4.100664	PASS
31	9 Volts at J3/B15 (J2/B25=5V,J2/A14=5V)(J2/B9=0V,J2/B10=0V)(J2/A21=0V,J2/A22=0V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.933028	PASS
32	9 Volts at J3/B15 (J2/B25=5V,J2/A14=5V)(J2/B9=0V,J2/B10=0V)	P3/B10 & P3/C10	-6.12	-5.88	-5.977601	PASS
33	9 Volts at J3/B15 (J2/B25=5V,J2/A14=5V)(J2/B9=0V,J2/B10=0V)(J2/A21=5V,J2/A22=0V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.940718	PASS

34	-9 Volts at J3/B15 (J2/B25=5V,J2/A14=5V)(J2/B9=0V,J2/B10=0V)	P3/A10 & P3/C10	5.88	6.12	5.972023	PASS
35	-9 Volts at J3/B15 (J2/B25=5V,J2/A14=5V)(J2/B9=0V,J2/B10=0V)	J3/A5 & GND	4.0572	4.2228	4.145849	PASS
36	-9 Volts at J3/B15 (J2/B25=5V,J2/A14=5V)(J2/B9=0V,J2/B10=0V)(J2/A21=0V,J2/A22=0V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	5.88	6.12	6.016675	PASS
37	-9 Volts at J3/B15 (J2/B25=5V,J2/A14=5V)(J2/B9=0V,J2/B10=0V)	P3/B10 & P3/C10	5.88	6.12	5.984429	PASS
38	-9 Volts at J3/B15 (J2/B25=5V,J2/A14=5V)(J2/B9=0V,J2/B10=0V)(J2/A21=5V,J2/A22=0V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	5.88	6.12	6.022367	PASS
39	9 Volts at J3/B15 (J2/B25=5V,J2/A14=5V)(J2/B9=5V,J2/B10=0V)	P3/A10 & P3/C10	-0.1	0.1	0.000012	PASS
40	9 Volts at J3/B15 (J2/B25=5V,J2/A14=5V)(J2/B9=5V,J2/B10=0V)(J2/A21=0V,J2/A22=0V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.038862	PASS
41	9 Volts at J3/B15 (J2/B25=5V,J2/A14=5V)(J2/B9=5V,J2/B10=0V)	P3/B10 & P3/C10	-6.12	-5.88	-5.979026	PASS
42	9 Volts at J3/B15 (J2/B25=5V,J2/A14=5V)(J2/B9=5V,J2/B10=0V)(J2/A21=5V,J2/A22=0V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.941064	PASS

43	9 Volts at J3/B15 (J2/B25=5V,J2/A14=5V)(J2/B9=0V,J2/B10=5V)	P3/A10 & P3/C10	-6.12	-5.88	-5.981973	PASS
44	9 Volts at J3/B15 (J2/B25=5V,J2/A14=5V)(J2/B9=0V,J2/B10=5V)(J2/A21=0V,J2/A22=0V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.943363	PASS
45	9 Volts at J3/B15 (J2/B25=5V,J2/A14=5V)(J2/B9=0V,J2/B10=5V)	P3/B10 & P3/C10	-0.1	0.1	-0.000008	PASS
46	9 Volts at J3/B15 (J2/B25=5V,J2/A14=5V)(J2/B9=0V,J2/B10=5V)(J2/A21=5V,J2/A22=0V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.038927	PASS

6)	CHANNEL-2 RSA ROLL RATE-BAE					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	0 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B11=0V,J2/B12=0V)	P3/A11 & P3/C11	-0.1	0.1	-0.000287	PASS
2	0 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B11=0V,J2/B12=0V)	J3/A6 & GND	-0.1	0.1	0.020748	PASS

3	0 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B11=0V,J2/B12=0V)(J2/A21=0V,J2/A22=5V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.04233	PASS
4	0 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B11=0V,J2/B12=0V)	P3/B11 & P3/C11	-0.1	0.1	-0.000247	PASS
5	0 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B11=0V,J2/B12=0V)(J2/A21=5V,J2/A22=5V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.042552	PASS
6	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B11=0V,J2/B12=0V)	P3/A11 & P3/C11	-6.12	-5.88	-5.981341	PASS
7	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B11=0V,J2/B12=0V)	J3/A6 & GND	-4.2228	-4.0572	-4.11081	PASS
8	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B11=0V,J2/B12=0V)(J2/A21=0V,J2/A22=5V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.938531	PASS
9	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B11=0V,J2/B12=0V)	P3/B11 & P3/C11	-6.12	-5.88	-5.986248	PASS
10	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B11=0V,J2/B12=0V)(J2/A21=5V,J2/A22=5V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.942891	PASS
11	-9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B11=0V,J2/B12=0V)	P3/A11 & P3/C11	5.88	6.12	5.981424	PASS

12	-9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B11=0V,J2/B12=0V)	J3/A6 & GND	4.0572	4.2228	4.147732	PASS
13	-9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B11=0V,J2/B12=0V)(J2/A21=0V,J2/A22=5V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	5.88	6.12	6.012367	PASS
14	-9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B11=0V,J2/B12=0V)	P3/B11 & P3/C11	5.88	6.12	5.986046	PASS
15	-9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B11=0V,J2/B12=0V)(J2/A21=5V,J2/A22=5V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	5.88	6.12	6.01729	PASS
16	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B11=5V,J2/B12=0V)	P3/A11 & P3/C11	-0.1	0.1	-0.000015	PASS
17	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B11=5V,J2/B12=0V)(J2/A21=0V,J2/A22=5V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.044491	PASS
18	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B11=5V,J2/B12=0V)	P3/B11 & P3/C11	-6.12	-5.88	-5.98614	PASS
19	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B11=5V,J2/B12=0V)(J2/A21=5V,J2/A22=5V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.941638	PASS
20	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B11=0V,J2/B12=5V)	P3/A11 & P3/C11	-6.12	-5.88	-5.986855	PASS

21	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B11=0V,J2/B12=5V)(J2/A21=0V,J2/A22=5V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.942103	PASS
22	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B11=0V,J2/B12=5V)	P3/B11 & P3/C11	-0.1	0.1	-0.000025	PASS
23	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B11=0V,J2/B12=5V)(J2/A21=5V,J2/A22=5V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.044608	PASS
24	0 Volts at J3/B16 (J2/B25=5V,J2/A14=5V)(J2/B11=0V,J2/B12=0V)	P3/A11 & P3/C11	-0.1	0.1	0.000162	PASS
25	0 Volts at J3/B16 (J2/B25=5V,J2/A14=5V)(J2/B11=0V,J2/B12=0V)	J3/A6 & GND	-0.1	0.1	0.019132	PASS
26	0 Volts at J3/B16 (J2/B25=5V,J2/A14=5V)(J2/B11=0V,J2/B12=0V)(J2/A21=0V,J2/A22=5V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.038145	PASS
27	0 Volts at J3/B16 (J2/B25=5V,J2/A14=5V)(J2/B11=0V,J2/B12=0V)	P3/B11 & P3/C11	-0.1	0.1	0.000284	PASS
28	0 Volts at J3/B16 (J2/B25=5V,J2/A14=5V)(J2/B11=0V,J2/B12=0V)(J2/A21=5V,J2/A22=5V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.038262	PASS
29	9 Volts at J3/B16 (J2/B25=5V,J2/A14=5V)(J2/B11=0V,J2/B12=0V)	P3/A11 & P3/C11	-6.12	-5.88	-5.979006	PASS

30	9 Volts at J3/B16 (J2/B25=5V,J2/A14=5V)(J2/B11=0V,J2/B12=0V)	J3/A6 & GND	-4.2228	-4.0572	-4.11129	PASS
31	9 Volts at J3/B16 (J2/B25=5V,J2/A14=5V)(J2/B11=0V,J2/B12=0V)(J2/A21=0V,J2/A22=5V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.940713	PASS
32	9 Volts at J3/B16 (J2/B25=5V,J2/A14=5V)(J2/B11=0V,J2/B12=0V)	P3/B11 & P3/C11	-6.12	-5.88	-5.983327	PASS
33	9 Volts at J3/B16 (J2/B25=5V,J2/A14=5V)(J2/B11=0V,J2/B12=0V)(J2/A21=5V,J2/A22=5V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.945245	PASS
34	-9 Volts at J3/B16 (J2/B25=5V,J2/A14=5V)(J2/B11=0V,J2/B12=0V)	P3/A11 & P3/C11	5.88	6.12	5.979288	PASS
35	-9 Volts at J3/B16 (J2/B25=5V,J2/A14=5V)(J2/B11=0V,J2/B12=0V)	J3/A6 & GND	4.0572	4.2228	4.149461	PASS
36	-9 Volts at J3/B16 (J2/B25=5V,J2/A14=5V)(J2/B11=0V,J2/B12=0V)(J2/A21=0V,J2/A22=5V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	5.88	6.12	6.016784	PASS
37	-9 Volts at J3/B16 (J2/B25=5V,J2/A14=5V)(J2/B11=0V,J2/B12=0V)	P3/B11 & P3/C11	5.88	6.12	5.98361	PASS
38	-9 Volts at J3/B16 (J2/B25=5V,J2/A14=5V)(J2/B11=0V,J2/B12=0V)(J2/A21=5V,J2/A22=5V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	5.88	6.12	6.021449	PASS

39	9 Volts at J3/B16 (J2/B25=5V,J2/A14=5V)(J2/B11=5V,J2/B12=0V)	P3/A11 & P3/C11	-0.1	0.1	0.000006	PASS
40	9 Volts at J3/B16 (J2/B25=5V,J2/A14=5V)(J2/B11=5V,J2/B12=0V)(J2/A21=0V,J2/A22=5V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.03904	PASS
41	9 Volts at J3/B16 (J2/B25=5V,J2/A14=5V)(J2/B11=5V,J2/B12=0V)	P3/B11 & P3/C11	-6.12	-5.88	-5.983347	PASS
42	9 Volts at J3/B16 (J2/B25=5V,J2/A14=5V)(J2/B11=5V,J2/B12=0V)(J2/A21=5V,J2/A22=5V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.944315	PASS
43	9 Volts at J3/B16 (J2/B25=5V,J2/A14=5V)(J2/B11=0V,J2/B12=5V)	P3/A11 & P3/C11	-6.12	-5.88	-5.984003	PASS
44	9 Volts at J3/B16 (J2/B25=5V,J2/A14=5V)(J2/B11=0V,J2/B12=5V)(J2/A21=0V,J2/A22=5V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.944741	PASS
45	9 Volts at J3/B16 (J2/B25=5V,J2/A14=5V)(J2/B11=0V,J2/B12=5V)	P3/B11 & P3/C11	-0.1	0.1	-0.000012	PASS

46	9 Volts at J3/B16 (J2/B25=5V,J2/A14=5V)(J2/B11=0V,J2/B12=5V)(J2/A21=5V,J2/A22=5V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.039077	PASS
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7)	CHANNEL-3 RSA ROLL RATE-BAE					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	0 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B13=0V,J2/B14=0V)	P3/A12 & P3/C12	-0.1	0.1	-0.000238	PASS
2	0 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B13=0V,J2/B14=0V)	J3/A7 & GND	-0.1	0.1	0.020581	PASS
3	0 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B13=0V,J2/B14=0V)(J2/A21=0V,J2/A22=0V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.042244	PASS
4	0 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B13=0V,J2/B14=0V)	P3/B12 & P3/C12	-0.1	0.1	-0.000174	PASS
5	0 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B13=0V,J2/B14=0V)(J2/A21=5V,J2/A22=0V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.042421	PASS

6	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B13=0V,J2/B14=0V)	P3/A12 & P3/C12	-6.12	-5.88	-5.984295	PASS
7	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B13=0V,J2/B14=0V)	J3/A7 & GND	-4.2228	-4.0572	-4.11179	PASS
8	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B13=0V,J2/B14=0V)(J2/A21=0V,J2/A22=0V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.942029	PASS
9	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B13=0V,J2/B14=0V)	P3/B12 & P3/C12	-6.12	-5.88	-5.988617	PASS
10	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B13=0V,J2/B14=0V)(J2/A21=5V,J2/A22=0V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.946068	PASS
11	-9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B13=0V,J2/B14=0V)	P3/A12 & P3/C12	5.88	6.12	5.984486	PASS
12	-9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B13=0V,J2/B14=0V)	J3/A7 & GND	4.0572	4.2228	4.148541	PASS
13	-9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B13=0V,J2/B14=0V)(J2/A21=0V,J2/A22=0V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	5.88	6.12	6.015635	PASS
14	-9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B13=0V,J2/B14=0V)	P3/B12 & P3/C12	5.88	6.12	5.988602	PASS

15	-9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B13=0V,J2/B14=0V)(J2/A21=5V,J2/A22=0V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	5.88	6.12	6.020177	PASS
16	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B13=5V,J2/B14=0V)	P3/A12 & P3/C12	-0.1	0.1	-0.000012	PASS
17	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B13=5V,J2/B14=0V)(J2/A21=0V,J2/A22=0V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.044356	PASS
18	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B13=5V,J2/B14=0V)	P3/B12 & P3/C12	-6.12	-5.88	-5.988513	PASS
19	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B13=5V,J2/B14=0V)(J2/A21=5V,J2/A22=0V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.944733	PASS
20	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B13=0V,J2/B14=5V)	P3/A12 & P3/C12	-6.12	-5.88	-5.989789	PASS
21	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B13=0V,J2/B14=5V)(J2/A21=0V,J2/A22=0V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.94552	PASS
22	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B13=0V,J2/B14=5V)	P3/B12 & P3/C12	-0.1	0.1	-0.000028	PASS
23	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B13=0V,J2/B14=5V)(J2/A21=5V,J2/A22=0V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.04449	PASS

24	0 Volts at J3/B17 (J2/B25=5V,J2/A14=5V)(J2/B13=0V,J2/B14=0V)	P3/A12 & P3/C12	-0.1	0.1	0.008108	PASS
25	0 Volts at J3/B17 (J2/B25=5V,J2/A14=5V)(J2/B13=0V,J2/B14=0V)	J3/A7 & GND	-0.1	0.1	0.021317	PASS
26	0 Volts at J3/B17 (J2/B25=5V,J2/A14=5V)(J2/B13=0V,J2/B14=0V)(J2/A21=0V,J2/A22=0V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.039788	PASS
27	0 Volts at J3/B17 (J2/B25=5V,J2/A14=5V)(J2/B13=0V,J2/B14=0V)	P3/B12 & P3/C12	-0.1	0.1	0.00122	PASS
28	0 Volts at J3/B17 (J2/B25=5V,J2/A14=5V)(J2/B13=0V,J2/B14=0V)(J2/A21=5V,J2/A22=0V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.038648	PASS
29	9 Volts at J3/B17 (J2/B25=5V,J2/A14=5V)(J2/B13=0V,J2/B14=0V)	P3/A12 & P3/C12	-6.12	-5.88	-5.958881	PASS
30	9 Volts at J3/B17 (J2/B25=5V,J2/A14=5V)(J2/B13=0V,J2/B14=0V)	J3/A7 & GND	-4.2228	-4.0572	-4.103295	PASS
31	9 Volts at J3/B17 (J2/B25=5V,J2/A14=5V)(J2/B13=0V,J2/B14=0V)(J2/A21=0V,J2/A22=0V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.93509	PASS
32	9 Volts at J3/B17 (J2/B25=5V,J2/A14=5V)(J2/B13=0V,J2/B14=0V)	P3/B12 & P3/C12	-6.12	-5.88	-5.978658	PASS

33	9 Volts at J3/B17 (J2/B25=5V,J2/A14=5V)(J2/B13=0V,J2/B14=0V)(J2/A21=5V,J2/A22=0V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.942629	PASS
34	-9 Volts at J3/B17 (J2/B25=5V,J2/A14=5V)(J2/B13=0V,J2/B14=0V)	P3/A12 & P3/C12	5.88	6.12	5.962466	PASS
35	-9 Volts at J3/B17 (J2/B25=5V,J2/A14=5V)(J2/B13=0V,J2/B14=0V)	J3/A7 & GND	4.0572	4.2228	4.141011	PASS
36	-9 Volts at J3/B17 (J2/B25=5V,J2/A14=5V)(J2/B13=0V,J2/B14=0V)(J2/A21=0V,J2/A22=0V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	5.88	6.12	6.009034	PASS
37	-9 Volts at J3/B17 (J2/B25=5V,J2/A14=5V)(J2/B13=0V,J2/B14=0V)	P3/B12 & P3/C12	5.88	6.12	5.976131	PASS
38	-9 Volts at J3/B17 (J2/B25=5V,J2/A14=5V)(J2/B13=0V,J2/B14=0V)(J2/A21=5V,J2/A22=0V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	5.88	6.12	6.01523	PASS
39	9 Volts at J3/B17 (J2/B25=5V,J2/A14=5V)(J2/B13=5V,J2/B14=0V)	P3/A12 & P3/C12	-0.1	0.1	0.00001	PASS
40	9 Volts at J3/B17 (J2/B25=5V,J2/A14=5V)(J2/B13=5V,J2/B14=0V)(J2/A21=0V,J2/A22=0V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.038956	PASS
41	9 Volts at J3/B17 (J2/B25=5V,J2/A14=5V)(J2/B13=5V,J2/B14=0V)	P3/B12 & P3/C12	-6.12	-5.88	-5.979542	PASS

42	9 Volts at J3/B17 (J2/B25=5V,J2/A14=5V)(J2/B13=5V,J2/B14=0V)(J2/A21=5V,J2/A22=0V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.942614	PASS
43	9 Volts at J3/B17 (J2/B25=5V,J2/A14=5V)(J2/B13=0V,J2/B14=5V)	P3/A12 & P3/C12	-6.12	-5.88	-5.982945	PASS
44	9 Volts at J3/B17 (J2/B25=5V,J2/A14=5V)(J2/B13=0V,J2/B14=5V)(J2/A21=0V,J2/A22=0V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.944773	PASS
45	9 Volts at J3/B17 (J2/B25=5V,J2/A14=5V)(J2/B13=0V,J2/B14=5V)	P3/B12 & P3/C12	-0.1	0.1	-0.000007	PASS
46	9 Volts at J3/B17 (J2/B25=5V,J2/A14=5V)(J2/B13=0V,J2/B14=5V)(J2/A21=5V,J2/A22=0V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.038975	PASS

8)	CHANNEL-4 RSA ROLL RATE-BAE					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	0 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B15=0V,J2/B16=0V)	P3/A13 & P3/C13	-0.1	0.1	-0.00138	PASS

2	0 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B15=0V,J2/B16=0V)	J3/A8 & GND	-0.1	0.1	0.020676	PASS
3	0 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B15=0V,J2/B16=0V)(J2/A21=0V,J2/A22=5V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.042303	PASS
4	0 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B15=0V,J2/B16=0V)	P3/B13 & P3/C13	-0.1	0.1	-0.000258	PASS
5	0 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B15=0V,J2/B16=0V)(J2/A21=5V,J2/A22=5V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.042599	PASS
6	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B15=0V,J2/B16=0V)	P3/A13 & P3/C123	-6.12	-5.88	-5.983526	PASS
7	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B15=0V,J2/B16=0V)	J3/A8 & GND	-4.2228	-4.0572	-4.112411	PASS
8	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B15=0V,J2/B16=0V)(J2/A21=0V,J2/A22=5V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.939653	PASS
9	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B15=0V,J2/B16=0V)	P3/B13 & P3/C13	-6.12	-5.88	-5.990491	PASS
10	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B15=0V,J2/B16=0V)(J2/A21=5V,J2/A22=5V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.94622	PASS

11	-9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B15=0V,J2/B16=0V)	P3/A13 & P3/C13	5.88	6.12	5.983579	PASS
12	-9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B15=0V,J2/B16=0V)	J3/A8 & GND	4.0572	4.2228	4.149342	PASS
13	-9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B15=0V,J2/B16=0V)(J2/A21=0V,J2/A22=5V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	5.88	6.12	6.013371	PASS
14	-9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B15=0V,J2/B16=0V)	P3/B13 & P3/C13	5.88	6.12	5.990392	PASS
15	-9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B15=0V,J2/B16=0V)(J2/A21=5V,J2/A22=5V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	5.88	6.12	6.02054	PASS
16	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B15=5V,J2/B16=0V)	P3/A13 & P3/C13	-0.1	0.1	-0.000018	PASS
17	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B15=5V,J2/B16=0V)(J2/A21=0V,J2/A22=5V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.044382	PASS
18	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B15=5V,J2/B16=0V)	P3/B13 & P3/C13	-6.12	-5.88	-5.990351	PASS
19	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B15=5V,J2/B16=0V)(J2/A21=5V,J2/A22=5V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.94493	PASS

20	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B15=0V,J2/B16=5V)	P3/A13 & P3/C13	-6.12	-5.88	-5.98898	PASS
21	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B15=0V,J2/B16=5V)(J2/A21=0V,J2/A22=5V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.943262	PASS
22	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B15=0V,J2/B16=5V)	P3/B13 & P3/C13	-0.1	0.1	-0.00003	PASS
23	9 Volts at P3/A28 and P3/C28 (J2/B25=5V,J2/A14=0V)(J2/B15=0V,J2/B16=5V)(J2/A21=5V,J2/A22=5V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.044471	PASS
24	0 Volts at J3/B18 (J2/B25=5V,J2/A14=5V)(J2/B15=0V,J2/B16=0V)	P3/A13 & P3/C13	-0.1	0.1	0.01105	PASS
25	0 Volts at J3/B18 (J2/B25=5V,J2/A14=5V)(J2/B15=0V,J2/B16=0V)	J3/A8 & GND	-0.1	0.1	0.023916	PASS
26	0 Volts at J3/B18 (J2/B25=5V,J2/A14=5V)(J2/B15=0V,J2/B16=0V)(J2/A21=0V,J2/A22=5V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.043724	PASS
27	0 Volts at J3/B18 (J2/B25=5V,J2/A14=5V)(J2/B15=0V,J2/B16=0V)	P3/B13 & P3/C13	-0.1	0.1	0.005306	PASS
28	0 Volts at J3/B18 (J2/B25=5V,J2/A14=5V)(J2/B15=0V,J2/B16=0V)(J2/A21=5V,J2/A22=5V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.042899	PASS

29	9 Volts at J3/B18 (J2/B25=5V,J2/A14=5V)(J2/B15=0V,J2/B16=0V)	P3/A13 & P3/C123	-6.12	-5.88	-5.961649	PASS
30	9 Volts at J3/B18 (J2/B25=5V,J2/A14=5V)(J2/B15=0V,J2/B16=0V)	J3/A8 & GND	-4.2228	-4.0572	-4.103492	PASS
31	9 Volts at J3/B18 (J2/B25=5V,J2/A14=5V)(J2/B15=0V,J2/B16=0V)(J2/A21=0V,J2/A22=5V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.930479	PASS
32	9 Volts at J3/B18 (J2/B25=5V,J2/A14=5V)(J2/B15=0V,J2/B16=0V)	P3/B13 & P3/C13	-6.12	-5.88	-5.977436	PASS
33	9 Volts at J3/B18 (J2/B25=5V,J2/A14=5V)(J2/B15=0V,J2/B16=0V)(J2/A21=5V,J2/A22=5V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.939054	PASS
34	-9 Volts at J3/B18 (J2/B25=5V,J2/A14=5V)(J2/B15=0V,J2/B16=0V)	P3/A13 & P3/C13	5.88	6.12	5.969021	PASS
35	-9 Volts at J3/B18 (J2/B25=5V,J2/A14=5V)(J2/B15=0V,J2/B16=0V)	J3/A8 & GND	4.0572	4.2228	4.146416	PASS
36	-9 Volts at J3/B18 (J2/B25=5V,J2/A14=5V)(J2/B15=0V,J2/B16=0V)(J2/A21=0V,J2/A22=5V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	5.88	6.12	6.013173	PASS

37	-9 Volts at J3/B18 (J2/B25=5V,J2/A14=5V)(J2/B15=0V,J2/B16=0V)	P3/B13 & P3/C13	5.88	6.12	5.984215	PASS
38	-9 Volts at J3/B18 (J2/B25=5V,J2/A14=5V)(J2/B15=0V,J2/B16=0V)(J2/A21=5V,J2/A22=5V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	5.88	6.12	6.021783	PASS
39	9 Volts at J3/B18 (J2/B25=5V,J2/A14=5V)(J2/B15=5V,J2/B16=0V)	P3/A13 & P3/C13	-0.1	0.1	0.000008	PASS
40	9 Volts at J3/B18 (J2/B25=5V,J2/A14=5V)(J2/B15=5V,J2/B16=0V)(J2/A21=0V,J2/A22=5V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.039099	PASS
41	9 Volts at J3/B18 (J2/B25=5V,J2/A14=5V)(J2/B15=5V,J2/B16=0V)	P3/B13 & P3/C13	-6.12	-5.88	-5.976948	PASS
42	9 Volts at J3/B18 (J2/B25=5V,J2/A14=5V)(J2/B15=5V,J2/B16=0V)(J2/A21=5V,J2/A22=5V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.937867	PASS
43	9 Volts at J3/B18 (J2/B25=5V,J2/A14=5V)(J2/B15=0V,J2/B16=5V)	P3/A13 & P3/C13	-6.12	-5.88	-5.977122	PASS
44	9 Volts at J3/B18 (J2/B25=5V,J2/A14=5V)(J2/B15=0V,J2/B16=5V)(J2/A21=0V,J2/A22=5V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-6.12	-5.88	-5.937204	PASS
45	9 Volts at J3/B18 (J2/B25=5V,J2/A14=5V)(J2/B15=0V,J2/B16=5V)	P3/B13 & P3/C13	-0.1	0.1	-0.000007	PASS

46	9 Volts at J3/B18 (J2/B25=5V,J2/A14=5V)(J2/B15=0V,J2/B16=5V)(J2/A21=5V,J2/A22=5V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.039176	PASS
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9)	CHANNEL-1 RSA YAW RATE-BAE					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	0 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B17=0V,J2/B18=0V)	P3/A19 & P3/C19	-0.1	0.1	-0.000223	PASS
2	0 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B17=0V,J2/B18=0V)	J3/A9 & GND	-0.1	0.1	0.020463	PASS
3	0 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B17=0V,J2/B18=0V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.042142	PASS
4	0 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B17=0V,J2/B18=0V)	P3/B19 & P3/C19	-0.1	0.1	-0.000216	PASS
5	0 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B17=0V,J2/B18=0V)(J2/A17=5V,J2/A18=0V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.042455	PASS

6	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B17=0V,J2/B18=0V)	P3/A19 & P3/C19	-6.12	-5.88	-5.942436	PASS
7	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B17=0V,J2/B18=0V)	J3/A9 & GND	-4.2228	-4.0572	-4.081336	PASS
8	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B17=0V,J2/B18=0V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.898516	PASS
9	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B17=0V,J2/B18=0V)	P3/B19 & P3/C19	-6.12	-5.88	-5.946508	PASS
10	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B17=0V,J2/B18=0V)(J2/A17=5V,J2/A18=0V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.903336	PASS
11	-9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B17=0V,J2/B18=0V)	P3/A19 & P3/C19	5.88	6.12	5.942558	PASS
12	-9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B17=0V,J2/B18=0V)	J3/A9 & GND	4.0572	4.2228	4.117898	PASS
13	-9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B17=0V,J2/B18=0V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	5.88	6.12	5.972171	PASS
14	-9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B17=0V,J2/B18=0V)	P3/B19 & P3/C19	5.88	6.12	5.946355	PASS

15	-9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B17=0V,J2/B18=0V)(J2/A17=5V,J2/A18=0V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	5.88	6.12	5.977679	PASS
16	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B17=5V,J2/B18=0V)	P3/A19 & P3/C19	-0.1	0.1	-0.000018	PASS
17	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B17=5V,J2/B18=0V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.044272	PASS
18	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B17=5V,J2/B18=0V)	P3/B19 & P3/C19	-6.12	-5.88	-5.946374	PASS
19	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B17=5V,J2/B18=0V)(J2/A17=5V,J2/A18=0V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.901919	PASS
20	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B17=0V,J2/B18=5V)	P3/A19 & P3/C19	-6.12	-5.88	-5.967213	PASS
21	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B17=0V,J2/B18=5V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.921457	PASS
22	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B17=0V,J2/B18=5V)	P3/B19 & P3/C19	-0.1	0.1	-0.000031	PASS
23	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B17=0V,J2/B18=5V)(J2/A17=5V,J2/A18=0V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.044636	PASS

24	0 Volts at J3/B19 (J2/B25=5V,J2/A15=5V)(J2/B17=0V,J2/B18=0V)	P3/A19 & P3/C19	-0.1	0.1	0.008899	PASS
25	0 Volts at J3/B19 (J2/B25=5V,J2/A15=5V)(J2/B17=0V,J2/B18=0V)	J3/A9 & GND	-0.1	0.1	0.022464	PASS
26	0 Volts at J3/B19 (J2/B25=5V,J2/A15=5V)(J2/B17=0V,J2/B18=0V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.04167	PASS
27	0 Volts at J3/B19 (J2/B25=5V,J2/A15=5V)(J2/B17=0V,J2/B18=0V)	P3/B19 & P3/C19	-0.1	0.1	0.003168	PASS
28	0 Volts at J3/B19 (J2/B25=5V,J2/A15=5V)(J2/B17=0V,J2/B18=0V)(J2/A17=5V,J2/A18=0V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.040779	PASS
29	9 Volts at J3/B19 (J2/B25=5V,J2/A15=5V)(J2/B17=0V,J2/B18=0V)	P3/A19 & P3/C19	-6.12	-5.88	-5.911334	PASS
30	9 Volts at J3/B19 (J2/B25=5V,J2/A15=5V)(J2/B17=0V,J2/B18=0V)	J3/A9 & GND	-4.2228	-4.0572	-4.071584	PASS
31	9 Volts at J3/B19 (J2/B25=5V,J2/A15=5V)(J2/B17=0V,J2/B18=0V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.891409	PASS
32	9 Volts at J3/B19 (J2/B25=5V,J2/A15=5V)(J2/B17=0V,J2/B18=0V)	P3/B19 & P3/C19	-6.12	-5.88	-5.936771	PASS

33	9 Volts at J3/B19 (J2/B25=5V,J2/A15=5V)(J2/B17=0V,J2/B18=0V)(J2/A17=5V,J2/A18=0V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.90091	PASS
34	-9 Volts at J3/B19 (J2/B25=5V,J2/A15=5V)(J2/B17=0V,J2/B18=0V)	P3/A19 & P3/C19	5.88	6.12	5.933501	PASS
35	-9 Volts at J3/B19 (J2/B25=5V,J2/A15=5V)(J2/B17=0V,J2/B18=0V)	J3/A9 & GND	4.0572	4.2228	4.118868	PASS
36	-9 Volts at J3/B19 (J2/B25=5V,J2/A15=5V)(J2/B17=0V,J2/B18=0V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	5.88	6.12	5.977415	PASS
37	-9 Volts at J3/B19 (J2/B25=5V,J2/A15=5V)(J2/B17=0V,J2/B18=0V)	P3/B19 & P3/C19	5.88	6.12	5.945511	PASS
38	-9 Volts at J3/B19 (J2/B25=5V,J2/A15=5V)(J2/B17=0V,J2/B18=0V)(J2/A17=5V,J2/A18=0V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	5.88	6.12	5.984087	PASS
39	9 Volts at J3/B19 (J2/B25=5V,J2/A15=5V)(J2/B17=5V,J2/B18=0V)	P3/A19 & P3/C19	-0.1	0.1	0.000006	PASS
40	9 Volts at J3/B19 (J2/B25=5V,J2/A15=5V)(J2/B17=5V,J2/B18=0V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.03898	PASS
41	9 Volts at J3/B19 (J2/B25=5V,J2/A15=5V)(J2/B17=5V,J2/B18=0V)	P3/B19 & P3/C19	-6.12	-5.88	-5.939315	PASS

42	9 Volts at J3/B19 (J2/B25=5V,J2/A15=5V)(J2/B17=5V,J2/B18=0V)(J2/A17=5V,J2/A18=0V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.901683	PASS
43	9 Volts at J3/B19 (J2/B25=5V,J2/A15=5V)(J2/B17=0V,J2/B18=5V)	P3/A19 & P3/C19	-6.12	-5.88	-5.962275	PASS
44	9 Volts at J3/B19 (J2/B25=5V,J2/A15=5V)(J2/B17=0V,J2/B18=5V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.922383	PASS
45	9 Volts at J3/B19 (J2/B25=5V,J2/A15=5V)(J2/B17=0V,J2/B18=5V)	P3/B19 & P3/C19	-0.1	0.1	-0.000009	PASS
46	9 Volts at J3/B19 (J2/B25=5V,J2/A15=5V)(J2/B17=0V,J2/B18=5V)(J2/A17=5V,J2/A18=0V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.039071	PASS

10)	CHANNEL-2 RSA YAW RATE-BAE					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	0 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B19=0V,J2/B20=0V)	P3/A20 & P3/C20	-0.1	0.1	-0.000276	PASS

2	0 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B19=0V,J2/B20=0V)	J3/A10 & GND	-0.1	0.1	0.020674	PASS
3	0 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B19=0V,J2/B20=0V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.042287	PASS
4	0 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B19=0V,J2/B20=0V)	P3/B20 & P3/C20	-0.1	0.1	-0.000211	PASS
5	0 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B19=0V,J2/B20=0V)(J2/A17=5V,J2/A18=5V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.04256	PASS
6	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B19=0V,J2/B20=0V)	P3/A20 & P3/C20	-6.12	-5.88	-5.941738	PASS
7	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B19=0V,J2/B20=0V)	J3/A10 & GND	-4.2228	-4.0572	-4.081676	PASS
8	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B19=0V,J2/B20=0V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.897672	PASS
9	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B19=0V,J2/B20=0V)	P3/B20 & P3/C20	-6.12	-5.88	-5.945811	PASS
10	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B19=0V,J2/B20=0V)(J2/A17=5V,J2/A18=5V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.90382	PASS

11	-9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B19=0V,J2/B20=0V)	P3/A20 & P3/C20	5.88	6.12	5.941817	PASS
12	-9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B19=0V,J2/B20=0V)	J3/A10 & GND	4.0572	4.2228	4.118482	PASS
13	-9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B19=0V,J2/B20=0V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	5.88	6.12	5.97152	PASS
14	-9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B19=0V,J2/B20=0V)	P3/B20 & P3/C20	5.88	6.12	5.945664	PASS
15	-9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B19=0V,J2/B20=0V)(J2/A17=5V,J2/A18=5V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	5.88	6.12	5.978285	PASS
16	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B19=5V,J2/B20=0V)	P3/A20 & P3/C20	-0.1	0.1	-0.000024	PASS
17	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B19=5V,J2/B20=0V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.044424	PASS
18	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B19=5V,J2/B20=0V)	P3/B20 & P3/C20	-6.12	-5.88	-5.945702	PASS
19	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B19=5V,J2/B20=0V)(J2/A17=5V,J2/A18=5V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.902524	PASS

20	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B19=0V,J2/B20=5V)	P3/A20 & P3/C20	-6.12	-5.88	-5.966552	PASS
21	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B19=0V,J2/B20=5V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.920566	PASS
22	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B19=0V,J2/B20=5V)	P3/B20 & P3/C20	-0.1	0.1	-0.000034	PASS
23	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B19=0V,J2/B20=5V)(J2/A17=5V,J2/A18=5V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.044701	PASS
24	0 Volts at J3/B20 (J2/B25=5V,J2/A15=5V)(J2/B19=0V,J2/B20=0V)	P3/A20 & P3/C20	-0.1	0.1	0.008054	PASS
25	0 Volts at J3/B20 (J2/B25=5V,J2/A15=5V)(J2/B19=0V,J2/B20=0V)	J3/A10 & GND	-0.1	0.1	0.022003	PASS
26	0 Volts at J3/B20 (J2/B25=5V,J2/A15=5V)(J2/B19=0V,J2/B20=0V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.040984	PASS

27	0 Volts at J3/B20 (J2/B25=5V,J2/A15=5V)(J2/B19=0V,J2/B20=0V)	P3/B20 & P3/C20	-0.1	0.1	0.002578	PASS
28	0 Volts at J3/B20 (J2/B25=5V,J2/A15=5V)(J2/B19=0V,J2/B20=0V)(J2/A17=5V,J2/A18=5V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.040118	PASS
29	9 Volts at J3/B20 (J2/B25=5V,J2/A15=5V)(J2/B19=0V,J2/B20=0V)	P3/A20 & P3/C20	-6.12	-5.88	-5.926733	PASS
30	9 Volts at J3/B20 (J2/B25=5V,J2/A15=5V)(J2/B19=0V,J2/B20=0V)	J3/A10 & GND	-4.2228	-4.0572	-4.078285	PASS
31	9 Volts at J3/B20 (J2/B25=5V,J2/A15=5V)(J2/B19=0V,J2/B20=0V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.897153	PASS
32	9 Volts at J3/B20 (J2/B25=5V,J2/A15=5V)(J2/B19=0V,J2/B20=0V)	P3/B20 & P3/C20	-6.12	-5.88	-5.941589	PASS
33	9 Volts at J3/B20 (J2/B25=5V,J2/A15=5V)(J2/B19=0V,J2/B20=0V)(J2/A17=5V,J2/A18=5V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.905749	PASS
34	-9 Volts at J3/B20 (J2/B25=5V,J2/A15=5V)(J2/B19=0V,J2/B20=0V)	P3/A20 & P3/C20	5.88	6.12	5.931809	PASS
35	-9 Volts at J3/B20 (J2/B25=5V,J2/A15=5V)(J2/B19=0V,J2/B20=0V)	J3/A10 & GND	4.0572	4.2228	4.118799	PASS

36	-9 Volts at J3/B20 (J2/B25=5V,J2/A15=5V)(J2/B19=0V,J2/B20=0V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	5.88	6.12	5.975883	PASS
37	-9 Volts at J3/B20 (J2/B25=5V,J2/A15=5V)(J2/B19=0V,J2/B20=0V)	P3/B20 & P3/C20	5.88	6.12	5.944073	PASS
38	-9 Volts at J3/B20 (J2/B25=5V,J2/A15=5V)(J2/B19=0V,J2/B20=0V)(J2/A17=5V,J2/A18=5V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	5.88	6.12	5.983941	PASS
39	9 Volts at J3/B20 (J2/B25=5V,J2/A15=5V)(J2/B19=5V,J2/B20=0V)	P3/A20 & P3/C20	-0.1	0.1	0.000004	PASS
40	9 Volts at J3/B20 (J2/B25=5V,J2/A15=5V)(J2/B19=5V,J2/B20=0V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.039071	PASS
41	9 Volts at J3/B20 (J2/B25=5V,J2/A15=5V)(J2/B19=5V,J2/B20=0V)	P3/B20 & P3/C20	-6.12	-5.88	-5.94173	PASS
42	9 Volts at J3/B20 (J2/B25=5V,J2/A15=5V)(J2/B19=5V,J2/B20=0V)(J2/A17=5V,J2/A18=5V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.905059	PASS
43	9 Volts at J3/B20 (J2/B25=5V,J2/A15=5V)(J2/B19=0V,J2/B20=5V)	P3/A20 & P3/C20	-6.12	-5.88	-5.964168	PASS
44	9 Volts at J3/B20 (J2/B25=5V,J2/A15=5V)(J2/B19=0V,J2/B20=5V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.924105	PASS

45	9 Volts at J3/B20 (J2/B25=5V,J2/A15=5V)(J2/B19=0V,J2/B20=5V)	P3/B20 & P3/C20	-0.1	0.1	-0.000013	PASS
46	9 Volts at J3/B20 (J2/B25=5V,J2/A15=5V)(J2/B19=0V,J2/B20=5V)(J2/A17=5V,J2/A18=5V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.039122	PASS

11)	CHANNEL-3 RSA YAW RATE-BAE					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	0 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B21=0V,J2/B22=0V)	P3/A21 & P3/C21	-0.1	0.1	-0.000282	PASS
2	0 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B21=0V,J2/B22=0V)	J3/A11 & GND	-0.1	0.1	0.02055	PASS
3	0 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B21=0V,J2/B22=0V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.042164	PASS
4	0 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B21=0V,J2/B22=0V)	P3/B21 & P3/C21	-0.1	0.1	-0.000187	PASS

5	0 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B21=0V,J2/B22=0V)(J2/A17=5V,J2/A18=0V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.04253	PASS
6	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B21=0V,J2/B22=0V)	P3/A21 & P3/C21	-6.12	-5.88	-5.940271	PASS
7	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B21=0V,J2/B22=0V)	J3/A11 & GND	-4.2228	-4.0572	-4.081213	PASS
8	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B21=0V,J2/B22=0V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.897404	PASS
9	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B21=0V,J2/B22=0V)	P3/B21 & P3/C21	-6.12	-5.88	-5.945441	PASS
10	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B21=0V,J2/B22=0V)(J2/A17=5V,J2/A18=0V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.903926	PASS
11	-9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B21=0V,J2/B22=0V)	P3/A21 & P3/C21	5.88	6.12	5.940295	PASS
12	-9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B21=0V,J2/B22=0V)	J3/A11 & GND	4.0572	4.2228	4.11817	PASS
13	-9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B21=0V,J2/B22=0V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	5.88	6.12	5.970892	PASS

14	-9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B21=0V,J2/B22=0V)	P3/B21 & P3/C21	5.88	6.12	5.945305	PASS
15	-9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B21=0V,J2/B22=0V)(J2/A17=5V,J2/A18=0V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	5.88	6.12	5.97826	PASS
16	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B21=5V,J2/B22=0V)	P3/A21 & P3/C21	-0.1	0.1	-0.000025	PASS
17	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B21=5V,J2/B22=0V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.044333	PASS
18	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B21=5V,J2/B22=0V)	P3/B21 & P3/C21	-6.12	-5.88	-5.945279	PASS
19	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B21=5V,J2/B22=0V)(J2/A17=5V,J2/A18=0V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.902516	PASS
20	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B21=0V,J2/B22=5V)	P3/A21 & P3/C21	-6.12	-5.88	-5.965094	PASS
21	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B21=0V,J2/B22=5V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.920212	PASS
22	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B21=0V,J2/B22=5V)	P3/B21 & P3/C21	-0.1	0.1	-0.000039	PASS

23	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B21=0V,J2/B22=5V)(J2/A17=5V,J2/A18=0V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.044561	PASS
24	0 Volts at J3/B21 (J2/B25=5V,J2/A15=5V)(J2/B21=0V,J2/B22=0V)	P3/A21 & P3/C21	-0.1	0.1	-0.009951	PASS
25	0 Volts at J3/B21 (J2/B25=5V,J2/A15=5V)(J2/B21=0V,J2/B22=0V)	J3/A11 & GND	-0.1	0.1	0.015296	PASS
26	0 Volts at J3/B21 (J2/B25=5V,J2/A15=5V)(J2/B21=0V,J2/B22=0V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.033974	PASS
27	0 Volts at J3/B21 (J2/B25=5V,J2/A15=5V)(J2/B21=0V,J2/B22=0V)	P3/B21 & P3/C21	-0.1	0.1	-0.003016	PASS
28	0 Volts at J3/B21 (J2/B25=5V,J2/A15=5V)(J2/B21=0V,J2/B22=0V)(J2/A17=5V,J2/A18=0V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.035357	PASS
29	9 Volts at J3/B21 (J2/B25=5V,J2/A15=5V)(J2/B21=0V,J2/B22=0V)	P3/A21 & P3/C21	-6.12	-5.88	-5.937936	PASS
30	9 Volts at J3/B21 (J2/B25=5V,J2/A15=5V)(J2/B21=0V,J2/B22=0V)	J3/A11 & GND	-4.2228	-4.0572	-4.082919	PASS
31	9 Volts at J3/B21 (J2/B25=5V,J2/A15=5V)(J2/B21=0V,J2/B22=0V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.901934	PASS

32	9 Volts at J3/B21 (J2/B25=5V,J2/A15=5V)(J2/B21=0V,J2/B22=0V)	P3/B21 & P3/C21	-6.12	-5.88	-5.944851	PASS
33	9 Volts at J3/B21 (J2/B25=5V,J2/A15=5V)(J2/B21=0V,J2/B22=0V)(J2/A17=5V,J2/A18=0V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.909069	PASS
34	-9 Volts at J3/B21 (J2/B25=5V,J2/A15=5V)(J2/B21=0V,J2/B22=0V)	P3/A21 & P3/C21	5.88	6.12	5.925664	PASS
35	-9 Volts at J3/B21 (J2/B25=5V,J2/A15=5V)(J2/B21=0V,J2/B22=0V)	J3/A11 & GND	4.0572	4.2228	4.11613	PASS
36	-9 Volts at J3/B21 (J2/B25=5V,J2/A15=5V)(J2/B21=0V,J2/B22=0V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	5.88	6.12	5.973029	PASS
37	-9 Volts at J3/B21 (J2/B25=5V,J2/A15=5V)(J2/B21=0V,J2/B22=0V)	P3/B21 & P3/C21	5.88	6.12	5.941697	PASS
38	-9 Volts at J3/B21 (J2/B25=5V,J2/A15=5V)(J2/B21=0V,J2/B22=0V)(J2/A17=5V,J2/A18=0V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	5.88	6.12	5.982186	PASS
39	9 Volts at J3/B21 (J2/B25=5V,J2/A15=5V)(J2/B21=5V,J2/B22=0V)	P3/A21 & P3/C21	-0.1	0.1	0.000008	PASS
40	9 Volts at J3/B21 (J2/B25=5V,J2/A15=5V)(J2/B21=5V,J2/B22=0V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.038835	PASS

41	9 Volts at J3/B21 (J2/B25=5V,J2/A15=5V)(J2/B21=5V,J2/B22=0V)	P3/B21 & P3/C21	-6.12	-5.88	-5.942134	PASS
42	9 Volts at J3/B21 (J2/B25=5V,J2/A15=5V)(J2/B21=5V,J2/B22=0V)(J2/A17=5V,J2/A18=0V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.90597	PASS
43	9 Volts at J3/B21 (J2/B25=5V,J2/A15=5V)(J2/B21=0V,J2/B22=5V)	P3/A21 & P3/C21	-6.12	-5.88	-5.963788	PASS
44	9 Volts at J3/B21 (J2/B25=5V,J2/A15=5V)(J2/B21=0V,J2/B22=5V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.924966	PASS
45	9 Volts at J3/B21 (J2/B25=5V,J2/A15=5V)(J2/B21=0V,J2/B22=5V)	P3/B21 & P3/C21	-0.1	0.1	-0.00001	PASS
46	9 Volts at J3/B21 (J2/B25=5V,J2/A15=5V)(J2/B21=0V,J2/B22=5V)(J2/A17=5V,J2/A18=0V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.03898	PASS

12)	CHANNEL-4 RSA YAW RATE-BAE					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	0 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B23=0V,J2/B24=0V)	P3/A22 & P3/C22	-0.1	0.1	-0.000188	PASS
2	0 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B23=0V,J2/B24=0V)	J3/A12 & GND	-0.1	0.1	0.020811	PASS
3	0 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B23=0V,J2/B24=0V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.042445	PASS
4	0 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B23=0V,J2/B24=0V)	P3/B22 & P3/C22	-0.1	0.1	-0.000113	PASS
5	0 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B23=0V,J2/B24=0V)(J2/A17=5V,J2/A18=5V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.042624	PASS
6	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B23=0V,J2/B24=0V)	P3/A22 & P3/C22	-6.12	-5.88	-5.943181	PASS
7	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B23=0V,J2/B24=0V)	J4/A12 & GND	-4.2228	-4.0572	-4.081817	PASS

8	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B23=0V,J2/B24=0V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.89808	PASS
9	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B23=0V,J2/B24=0V)	P3/B22 & P3/C22	-6.12	-5.88	-5.947134	PASS
10	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B23=0V,J2/B24=0V)(J2/A17=5V,J2/A18=5V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.903916	PASS
11	-9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B23=0V,J2/B24=0V)	P3/A22 & P3/C22	5.88	6.12	5.943374	PASS
12	-9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B23=0V,J2/B24=0V)	J3/A12 & GND	4.0572	4.2228	4.118971	PASS
13	-9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B23=0V,J2/B24=0V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	5.88	6.12	5.971987	PASS
14	-9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B23=0V,J2/B24=0V)	P3/B22 & P3/C22	5.88	6.12	5.947127	PASS
15	-9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B23=0V,J2/B24=0V)(J2/A17=5V,J2/A18=5V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	5.88	6.12	5.978363	PASS
16	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B23=5V,J2/B24=0V)	P3/A22 & P3/C22	-0.1	0.1	-0.00003	PASS

17	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B23=5V,J2/B24=0V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.044398	PASS
18	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B23=5V,J2/B24=0V)	P3/B22 & P3/C22	-6.12	-5.88	-5.947034	PASS
19	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B23=5V,J2/B24=0V)(J2/A17=5V,J2/A18=5V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.90276	PASS
20	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B23=0V,J2/B24=5V)	P3/A22 & P3/C22	-6.12	-5.88	-5.968063	PASS
21	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B23=0V,J2/B24=5V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.921118	PASS
22	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B23=0V,J2/B24=5V)	P3/B22 & P3/C22	-0.1	0.1	-0.000038	PASS
23	9 Volts at P3/A29 and P3/C29 (J2/B25=5V,J2/A15=0V)(J2/B23=0V,J2/B24=5V)(J2/A17=5V,J2/A18=5V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.044358	PASS
24	0 Volts at J3/B22 (J2/B25=5V,J2/A15=5V)(J2/B23=0V,J2/B24=0V)	P3/A22 & P3/C22	-0.1	0.1	0.008413	PASS
25	0 Volts at J3/B22 (J2/B25=5V,J2/A15=5V)(J2/B23=0V,J2/B24=0V)	J3/A12 & GND	-0.1	0.1	0.022076	PASS

26	0 Volts at J3/B22 (J2/B25=5V,J2/A15=5V)(J2/B23=0V,J2/B24=0V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.040772	PASS
27	0 Volts at J3/B22 (J2/B25=5V,J2/A15=5V)(J2/B23=0V,J2/B24=0V)	P3/B22 & P3/C22	-0.1	0.1	0.002314	PASS
28	0 Volts at J3/B22 (J2/B25=5V,J2/A15=5V)(J2/B23=0V,J2/B24=0V)(J2/A17=5V,J2/A18=5V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.039744	PASS
29	9 Volts at J3/B22 (J2/B25=5V,J2/A15=5V)(J2/B23=0V,J2/B24=0V)	P3/A22 & P3/C22	-6.12	-5.88	-5.931447	PASS
30	9 Volts at J3/B22 (J2/B25=5V,J2/A15=5V)(J2/B23=0V,J2/B24=0V)	J4/A12 & GND	-4.2228	-4.0572	-4.080209	PASS
31	9 Volts at J3/B22 (J2/B25=5V,J2/A15=5V)(J2/B23=0V,J2/B24=0V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.899235	PASS
32	9 Volts at J3/B22 (J2/B25=5V,J2/A15=5V)(J2/B23=0V,J2/B24=0V)	P3/B22 & P3/C22	-6.12	-5.88	-5.944523	PASS
33	9 Volts at J3/B22 (J2/B25=5V,J2/A15=5V)(J2/B23=0V,J2/B24=0V)(J2/A17=5V,J2/A18=5V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.907265	PASS
34	-9 Volts at J3/B22 (J2/B25=5V,J2/A15=5V)(J2/B23=0V,J2/B24=0V)	P3/A22 & P3/C22	5.88	6.12	5.931854	PASS

35	-9 Volts at J3/B22 (J2/B25=5V,J2/A15=5V)(J2/B23=0V,J2/B24=0V)	J3/A12 & GND	4.0572	4.2228	4.118536	PASS
36	-9 Volts at J3/B22 (J2/B25=5V,J2/A15=5V)(J2/B23=0V,J2/B24=0V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	5.88	6.12	5.975525	PASS
37	-9 Volts at J3/B22 (J2/B25=5V,J2/A15=5V)(J2/B23=0V,J2/B24=0V)	P3/B22 & P3/C22	5.88	6.12	5.9448	PASS
38	-9 Volts at J3/B22 (J2/B25=5V,J2/A15=5V)(J2/B23=0V,J2/B24=0V)(J2/A17=5V,J2/A18=5V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	5.88	6.12	5.983321	PASS
39	9 Volts at J3/B22 (J2/B25=5V,J2/A15=5V)(J2/B23=5V,J2/B24=0V)	P3/A22 & P3/C22	-0.1	0.1	0.000002	PASS
40	9 Volts at J3/B22 (J2/B25=5V,J2/A15=5V)(J2/B23=5V,J2/B24=0V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.03906	PASS
41	9 Volts at J3/B22 (J2/B25=5V,J2/A15=5V)(J2/B23=5V,J2/B24=0V)	P3/B22 & P3/C22	-6.12	-5.88	-5.944434	PASS
42	9 Volts at J3/B22 (J2/B25=5V,J2/A15=5V)(J2/B23=5V,J2/B24=0V)(J2/A17=5V,J2/A18=5V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.906385	PASS
43	9 Volts at J3/B22 (J2/B25=5V,J2/A15=5V)(J2/B23=0V,J2/B24=5V)	P3/A22 & P3/C22	-6.12	-5.88	-5.966788	PASS

44	9 Volts at J3/B22 (J2/B25=5V,J2/A15=5V)(J2/B23=0V,J2/B24=5V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-6.12	-5.88	-5.925497	PASS
45	9 Volts at J3/B22 (J2/B25=5V,J2/A15=5V)(J2/B23=0V,J2/B24=5V)	P3/B22 & P3/C22	-0.1	0.1	-0.000012	PASS
46	9 Volts at J3/B22 (J2/B25=5V,J2/A15=5V)(J2/B23=0V,J2/B24=5V)(J2/A17=5V,J2/A18=5V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.039056	PASS

13)	CHANNEL-1 RSA PITCH RATE-CPL					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	0 volts at J3/B23(J2/B25=0V)(J2/B1=0V,J2/B2=0V)(J2/A1=5V,J2/A5=0V,J2/A6=0V)	P3/A1 & P3/C1	-0.1	0.1	0.001984	PASS
2	0 volts at J3/B23(J2/B25=0V)(J2/B1=0V,J2/B2=0V)(J2/A1=5V,J2/A5=0V,J2/A6=0V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.025251	PASS
3	6.5 volts at J3/B23(J2/B25=0V)(J2/B1=0V,J2/B2=0V)(J2/A1=5V,J2/A5=0V,J2/A6=0V)	P3/A1 & P3/C1	12.74	13.26	12.948741	PASS

4	6.5 volts at J3/B23(J2/B25=0V)(J2/B1=0V,J2/B2=0V)(J2/A1=5V,J2/A5=0V,J2/A6=0V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	12.74	13.26	12.985015	PASS
5	-6.5 volts at J3/B23(J2/B25=0V)(J2/B1=0V,J2/B2=0V)(J2/A1=5V,J2/A5=0V,J2/A6=0V)	P3/A1 & P3/C1	-13.26	-12.74	-12.968488	PASS
6	-6.5 volts at J3/B23(J2/B25=0V)(J2/B1=0V,J2/B2=0V)(J2/A1=5V,J2/A5=0V,J2/A6=0V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-13.26	-12.74	-12.949907	PASS
7	6.5 volts at J3/B23(J2/B25=0V)(J2/B1=5V,J2/B2=0V)(J2/A1=5V,J2/A5=0V,J2/A6=0V)	P3/A1 & P3/C1	-0.1	0.1	0	PASS
8	6.5 volts at J3/B23(J2/B25=0V)(J2/B1=5V,J2/B2=0V)(J2/A1=5V,J2/A5=0V,J2/A6=0V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.028569	PASS
9	6.5 volts at J3/B23(J2/B25=0V)(J2/B1=0V,J2/B2=5V)(J2/A1=5V,J2/A5=0V,J2/A6=0V)	P3/A1 & P3/C1	12.74	13.26	12.963361	PASS
10	6.5 volts at J3/B23(J2/B25=0V)(J2/B1=0V,J2/B2=5V)(J2/A1=5V,J2/A5=0V,J2/A6=0V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	12.74	13.26	12.994278	PASS

14)	CHANNEL-2 RSA PITCH RATE-CPL					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	0 volts at J3/B24(J2/B25=0V)(J2/B3=0V,J2/B4=0V)(J2/A2=5V,J2/A7=0V,J2/A8=0V)	P3/A2 & P3/C2	-0.1	0.1	-0.006885	PASS
2	0 volts at J3/B24(J2/B25=0V)(J2/B3=0V,J2/B4=0V)(J2/A2=5V,J2/A7=0V,J2/A8=0V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.024261	PASS
3	6.5 volts at J3/B24(J2/B25=0V)(J2/B3=0V,J2/B4=0V)(J2/A2=5V,J2/A7=0V,J2/A8=0V)	P3/A2 & P3/C2	12.74	13.26	12.975708	PASS
4	6.5 volts at J3/B24(J2/B25=0V)(J2/B3=0V,J2/B4=0V)(J2/A2=5V,J2/A7=0V,J2/A8=0V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	12.74	13.26	13.007492	PASS
5	-6.5 volts at J3/B24(J2/B25=0V)(J2/B3=0V,J2/B4=0V)(J2/A2=5V,J2/A7=0V,J2/A8=0V)	P3/A2 & P3/C2	-13.26	-12.74	-12.960134	PASS
6	-6.5 volts at J3/B24(J2/B25=0V)(J2/B3=0V,J2/B4=0V)(J2/A2=5V,J2/A7=0V,J2/A8=0V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-13.26	-12.74	-12.941996	PASS
7	6.5 volts at J3/B24(J2/B25=0V)(J2/B3=5V,J2/B4=0V)(J2/A2=5V,J2/A7=0V,J2/A8=0V)	P3/A2 & P3/C2	-0.1	0.1	-0.000003	PASS

8	6.5 volts at J3/B24(J2/B25=0V)(J2/B3=5V,J2/B4=0V)(J2/A2=5V,J2/A7=0V,J2/A8=0V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.028441	PASS
9	6.5 volts at J3/B24(J2/B25=0V)(J2/B3=0V,J2/B4=5V)(J2/A2=5V,J2/A7=0V,J2/A8=0V)	P3/A2 & P3/C2	12.74	13.26	12.982775	PASS
10	6.5 volts at J3/B24(J2/B25=0V)(J2/B3=0V,J2/B4=5V)(J2/A2=5V,J2/A7=0V,J2/A8=0V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=0V)	J3/A23 & GND	12.74	13.26	13.01103	PASS

15)	CHANNEL-3 RSA PITCH RATE-CPL					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	0 volts at J3/B25(J2/B25=0V)(J2/B5=0V,J2/B6=0V)(J2/A3=5V,J2/A9=0V,J2/A10=0V)	P3/A3 & P3/C3	-0.1	0.1	-0.018573	PASS
2	0 volts at J3/B25(J2/B25=0V)(J2/B5=0V,J2/B6=0V)(J2/A3=5V,J2/A9=0V,J2/A10=0V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.017275	PASS
3	6.5 volts at J3/B25(J2/B25=0V)(J2/B5=0V,J2/B6=0V)(J2/A3=5V,J2/A9=0V,J2/A10=0V)	P3/A3 & P3/C3	12.74	13.26	12.958556	PASS

4	6.5 volts at J3/B25(J2/B25=0V)(J2/B5=0V,J2/B6=0V)(J2/A3=5V,J2/A9=0V,J2/A10=0V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	12.74	13.26	13.000782	PASS
5	-6.5 volts at J3/B25(J2/B25=0V)(J2/B5=0V,J2/B6=0V)(J2/A3=5V,J2/A9=0V,J2/A10=0V)	P3/A3 & P3/C3	-13.26	-12.74	-12.969906	PASS
6	-6.5 volts at J3/B25(J2/B25=0V)(J2/B5=0V,J2/B6=0V)(J2/A3=5V,J2/A9=0V,J2/A10=0V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-13.26	-12.74	-12.952385	PASS
7	6.5 volts at J3/B25(J2/B25=0V)(J2/B5=5V,J2/B6=0V)(J2/A3=5V,J2/A9=0V,J2/A10=0V)	P3/A3 & P3/C3	-0.1	0.1	0	PASS
8	6.5 volts at J3/B25(J2/B25=0V)(J2/B5=5V,J2/B6=0V)(J2/A3=5V,J2/A9=0V,J2/A10=0V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.028815	PASS
9	6.5 volts at J3/B25(J2/B25=0V)(J2/B5=0V,J2/B6=5V)(J2/A3=5V,J2/A9=0V,J2/A10=0V)	P3/A3 & P3/C3	12.74	13.26	12.978554	PASS
10	6.5 volts at J3/B25(J2/B25=0V)(J2/B5=0V,J2/B6=5V)(J2/A3=5V,J2/A9=0V,J2/A10=0V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	12.74	13.26	13.011333	PASS

16)	CHANNEL-4 RSA PITCH RATE-CPL					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	0 volts at J3/B26(J2/B25=0V)(J2/B7=0V,J2/B8=0V)(J2/A4=5V,J2/A11=0V,J2/A12=0V)	P3/A4 & P3/C4	-0.1	0.1	0.010527	PASS
2	0 volts at J3/B26(J2/B25=0V)(J2/B7=0V,J2/B8=0V)(J2/A4=5V,J2/A11=0V,J2/A12=0V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.03358	PASS
3	6.5 volts at J3/B26(J2/B25=0V)(J2/B7=0V,J2/B8=0V)(J2/A4=5V,J2/A11=0V,J2/A12=0V)	P3/A4 & P3/C4	12.74	13.26	12.981541	PASS
4	6.5 volts at J3/B26(J2/B25=0V)(J2/B7=0V,J2/B8=0V)(J2/A4=5V,J2/A11=0V,J2/A12=0V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	12.74	13.26	13.015586	PASS
5	-6.5 volts at J3/B26(J2/B25=0V)(J2/B7=0V,J2/B8=0V)(J2/A4=5V,J2/A11=0V,J2/A12=0V)	P3/A4 & P3/C4	-13.26	-12.74	-12.959787	PASS
6	-6.5 volts at J3/B26(J2/B25=0V)(J2/B7=0V,J2/B8=0V)(J2/A4=5V,J2/A11=0V,J2/A12=0V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-13.26	-12.74	-12.947072	PASS
7	6.5 volts at J3/B26(J2/B25=0V)(J2/B7=5V,J2/B8=0V)(J2/A4=5V,J2/A11=0V,J2/A12=0V)	P3/A4 & P3/C4	-0.1	0.1	-0.000001	PASS

8	6.5 volts at J3/B26(J2/B25=0V)(J2/B7=5V,J2/B8=0V)(J2/A4=5V,J2/A11=0V,J2/A12=0V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	-0.1	0.1	0.028903	PASS
9	6.5 volts at J3/B26(J2/B25=0V)(J2/B7=0V,J2/B8=5V)(J2/A4=5V,J2/A11=0V,J2/A12=0V)	P3/A4 & P3/C4	12.74	13.26	12.98166	PASS
10	6.5 volts at J3/B26(J2/B25=0V)(J2/B7=0V,J2/B8=5V)(J2/A4=5V,J2/A11=0V,J2/A12=0V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=0V)	J3/A23 & GND	12.74	13.26	13.015099	PASS

17)	CHANNEL-1 RSA ROLL RATE-CPL					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	0 volts at J3/B23(J2/B25=0V)(J2/B9=0V,J2/B10=0V)(J2/A1=5V,J2/A5=5V,J2/A6=0V)	P3/A10 & P3/C10	-0.1	0.1	0.011499	PASS
2	0 volts at J3/B23(J2/B25=0V)(J2/B9=0V,J2/B10=0V)(J2/A1=5V,J2/A5=5V,J2/A6=0V)(J2/A21=0V,J2/A22=0V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.031031	PASS
3	6.5 volts at J3/B23(J2/B25=0V)(J2/B9=0V,J2/B10=0V)(J2/A1=5V,J2/A5=5V,J2/A6=0V)	P3/A10 & P3/C10	12.74	13.26	12.970893	PASS

4	6.5 volts at J3/B23(J2/B25=0V)(J2/B9=0V,J2/B10=0V)(J2/A1=5V,J2/A5=5V,J2/A6=0V)(J2/A21=0V,J2/A22=0V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	12.74	13.26	13.000057	PASS
5	-6.5 volts at J3/B23(J2/B25=0V)(J2/B9=0V,J2/B10=0V)(J2/A1=5V,J2/A5=5V,J2/A6=0V)	P3/A10 & P3/C10	-13.26	-12.74	-12.962633	PASS
6	-6.5 volts at J3/B23(J2/B25=0V)(J2/B9=0V,J2/B10=0V)(J2/A1=5V,J2/A5=5V,J2/A6=0V)(J2/A21=0V,J2/A22=0V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-13.26	-12.74	-12.946693	PASS
7	6.5 volts at J3/B23(J2/B25=0V)(J2/B9=5V,J2/B10=0V)(J2/A1=5V,J2/A5=5V,J2/A6=0V)	P3/A10 & P3/C10	-0.1	0.1	0	PASS
8	6.5 volts at J3/B23(J2/B25=0V)(J2/B9=5V,J2/B10=0V)(J2/A1=5V,J2/A5=5V,J2/A6=0V)(J2/A21=0V,J2/A22=0V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.028401	PASS
9	6.5 volts at J3/B23(J2/B25=0V)(J2/B9=0V,J2/B10=5V)(J2/A1=5V,J2/A5=5V,J2/A6=0V)	P3/A10 & P3/C10	12.74	13.26	12.97099	PASS
10	6.5 volts at J3/B23(J2/B25=0V)(J2/B9=0V,J2/B10=5V)(J2/A1=5V,J2/A5=5V,J2/A6=0V)(J2/A21=0V,J2/A22=0V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	12.74	13.26	12.999754	PASS

18)	CHANNEL-2 RSA ROLL RATE-CPL					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	0 volts at J3/B24(J2/B25=0V)(J2/B11=0V,J2/B12=0V)(J2/A2=5V,J2/A7=5V,J2/A8=0V)	P3/A11 & P3/C11	-0.1	0.1	-0.007068	PASS
2	0 volts at J3/B24(J2/B25=0V)(J2/B11=0V,J2/B12=0V)(J2/A2=5V,J2/A7=5V,J2/A8=0V)(J2/A21=0V,J2/A22=5V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.024087	PASS
3	6.5 volts at J3/B24(J2/B25=0V)(J2/B11=0V,J2/B12=0V)(J2/A2=5V,J2/A7=5V,J2/A8=0V)	P3/A11 & P3/C11	12.74	13.26	12.971823	PASS
4	6.5 volts at J3/B24(J2/B25=0V)(J2/B11=0V,J2/B12=0V)(J2/A2=5V,J2/A7=5V,J2/A8=0V)(J2/A21=0V,J2/A22=5V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	12.74	13.26	13.004321	PASS
5	-6.5 volts at J3/B24(J2/B25=0V)(J2/B11=0V,J2/B12=0V)(J2/A2=5V,J2/A7=5V,J2/A8=0V)	P3/A11 & P3/C11	-13.26	-12.74	-12.961692	PASS
6	-6.5 volts at J3/B24(J2/B25=0V)(J2/B11=0V,J2/B12=0V)(J2/A2=5V,J2/A7=5V,J2/A8=0V)(J2/A21=0V,J2/A22=5V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-13.26	-12.74	-12.94297	PASS
7	6.5 volts at J3/B24(J2/B25=0V)(J2/B11=5V,J2/B12=0V)(J2/A2=5V,J2/A7=5V,J2/A8=0V)	P3/A11 & P3/C11	-0.1	0.1	-0.000004	PASS

8	6.5 volts at J3/B24(J2/B25=0V)(J2/B11=5V,J2/B12=0V)(J2/A2=5V,J2/A7=5V,J2/A8=0V)(J2/A21=0V,J2/A22=5V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.02841	PASS
9	6.5 volts at J3/B24(J2/B25=0V)(J2/B11=0V,J2/B12=5V)(J2/A2=5V,J2/A7=5V,J2/A8=0V)	P3/A11 & P3/C11	12.74	13.26	12.978987	PASS
10	6.5 volts at J3/B24(J2/B25=0V)(J2/B11=0V,J2/B12=5V)(J2/A2=5V,J2/A7=5V,J2/A8=0V)(J2/A21=0V,J2/A22=5V,J2/A23=0V,J2/A24=0V)	J3/A24 & GND	12.74	13.26	13.008022	PASS

19)	CHANNEL-3 RSA ROLL RATE-CPL					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	0 volts at J3/B25(J2/B25=0V)(J2/B13=0V,J2/B14=0V)(J2/A3=5V,J2/A9=5V,J2/A10=0V)	P3/A12 & P3/C12	-0.1	0.1	-0.018989	PASS
2	0 volts at J3/B25(J2/B25=0V)(J2/B13=0V,J2/B14=0V)(J2/A3=5V,J2/A9=5V,J2/A10=0V)(J2/A21=0V,J2/A22=0V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.016793	PASS

3	6.5 volts at J3/B25(J2/B25=0V)(J2/B13=0V,J2/B14=0V)(J2/A3=5V,J2/A9=5V,J2/A10=0V)	P3/A12 & P3/C12	12.74	13.26	12.951392	PASS
4	6.5 volts at J3/B25(J2/B25=0V)(J2/B13=0V,J2/B14=0V)(J2/A3=5V,J2/A9=5V,J2/A10=0V)(J2/A21=0V,J2/A22=0V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	12.74	13.26	12.993683	PASS
5	-6.5 volts at J3/B25(J2/B25=0V)(J2/B13=0V,J2/B14=0V)(J2/A3=5V,J2/A9=5V,J2/A10=0V)	P3/A12 & P3/C12	-13.26	-12.74	-12.966778	PASS
6	-6.5 volts at J3/B25(J2/B25=0V)(J2/B13=0V,J2/B14=0V)(J2/A3=5V,J2/A9=5V,J2/A10=0V)(J2/A21=0V,J2/A22=0V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-13.26	-12.74	-12.948121	PASS
7	6.5 volts at J3/B25(J2/B25=0V)(J2/B13=5V,J2/B14=0V)(J2/A3=5V,J2/A9=5V,J2/A10=0V)	P3/A12 & P3/C12	-0.1	0.1	-0.000002	PASS
8	6.5 volts at J3/B25(J2/B25=0V)(J2/B13=5V,J2/B14=0V)(J2/A3=5V,J2/A9=5V,J2/A10=0V)(J2/A21=0V,J2/A22=0V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.028662	PASS
9	6.5 volts at J3/B25(J2/B25=0V)(J2/B13=0V,J2/B14=5V)(J2/A3=5V,J2/A9=5V,J2/A10=0V)	P3/A12 & P3/C12	12.74	13.26	12.974107	PASS

10	6.5 volts at J3/B25(J2/B25=0V)(J2/B13=0V,J2/B14=5V)(J2/A3=5V,J2/A9=5V,J2/A10=0V)(J2/A21=0V,J2/A22=0V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	12.74	13.26	13.005371	PASS
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20)	CHANNEL-4 RSA ROLL RATE-CPL					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	0 volts at J3/B26(J2/B25=0V)(J2/B15=0V,J2/B16=0V)(J2/A4=5V,J2/A11=5V,J2/A12=0V)	P3/A13 & P3/C13	-0.1	0.1	0.003699	PASS
2	0 volts at J3/B26(J2/B25=0V)(J2/B15=0V,J2/B16=0V)(J2/A4=5V,J2/A11=5V,J2/A12=0V)(J2/A21=0V,J2/A22=5V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.028994	PASS
3	6.5 volts at J3/B26(J2/B25=0V)(J2/B15=0V,J2/B16=0V)(J2/A4=5V,J2/A11=5V,J2/A12=0V)	P3/A13 & P3/C13	12.74	13.26	12.976715	PASS
4	6.5 volts at J3/B26(J2/B25=0V)(J2/B15=0V,J2/B16=0V)(J2/A4=5V,J2/A11=5V,J2/A12=0V)(J2/A21=0V,J2/A22=5V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	12.74	13.26	13.005457	PASS
5	-6.5 volts at J3/B26(J2/B25=0V)(J2/B15=0V,J2/B16=0V)(J2/A4=5V,J2/A11=5V,J2/A12=0V)	P3/A13 & P3/C13	-13.26	-12.74	-12.964094	PASS

6	-6.5 volts at J3/B26(J2/B25=0V)(J2/B15=0V,J2/B16=0V)(J2/A4=5V,J2/A11=5V,J2/A12=0V)(J2/A21=0V,J2/A22=5V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-13.26	-12.74	-12.943641	PASS
7	6.5 volts at J3/B26(J2/B25=0V)(J2/B15=5V,J2/B16=0V)(J2/A4=5V,J2/A11=5V,J2/A12=0V)	P3/A13 & P3/C13	-0.1	0.1	-0.000002	PASS
8	6.5 volts at J3/B26(J2/B25=0V)(J2/B15=5V,J2/B16=0V)(J2/A4=5V,J2/A11=5V,J2/A12=0V)(J2/A21=0V,J2/A22=5V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	-0.1	0.1	0.028598	PASS
9	6.5 volts at J3/B26(J2/B25=0V)(J2/B15=0V,J2/B16=5V)(J2/A4=5V,J2/A11=5V,J2/A12=0V)	P3/A13 & P3/C13	12.74	13.26	12.981227	PASS
10	6.5 volts at J3/B26(J2/B25=0V)(J2/B15=0V,J2/B16=5V)(J2/A4=5V,J2/A11=5V,J2/A12=0V)(J2/A21=0V,J2/A22=5V,J2/A23=5V,J2/A24=0V)	J3/A24 & GND	12.74	13.26	13.008314	PASS

21)	CHANNEL-1 RSA YAW RATE-CPL					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	0 volts at J3/B23(J2/B25=0V)(J2/B17=0V,J2/B18=0V)(J2/A1=5V,J2/A5=0V,J2/A6=5V)	P3/A19 & P3/C19	-0.1	0.1	-0.021974	PASS

2	0 volts at J3/B23(J2/B25=0V)(J2/B17=0V,J2/B18=0V)(J2/A1=5V,J2/A5=0V,J2/A6=5V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.01275	PASS
3	6.5 volts at J3/B23(J2/B25=0V)(J2/B17=0V,J2/B18=0V)(J2/A1=5V,J2/A5=0V,J2/A6=5V)	P3/A19 & P3/C19	12.74	13.26	12.942107	PASS
4	6.5 volts at J3/B23(J2/B25=0V)(J2/B17=0V,J2/B18=0V)(J2/A1=5V,J2/A5=0V,J2/A6=5V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	12.74	13.26	12.981758	PASS
5	-6.5 volts at J3/B23(J2/B25=0V)(J2/B17=0V,J2/B18=0V)(J2/A1=5V,J2/A5=0V,J2/A6=5V)	P3/A19 & P3/C19	-13.26	-12.74	-12.970079	PASS
6	-6.5 volts at J3/B23(J2/B25=0V)(J2/B17=0V,J2/B18=0V)(J2/A1=5V,J2/A5=0V,J2/A6=5V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-13.26	-12.74	-12.948024	PASS
7	6.5 volts at J3/B23(J2/B25=0V)(J2/B17=5V,J2/B18=0V)(J2/A1=5V,J2/A5=0V,J2/A6=5V)	P3/A19 & P3/C19	-0.1	0.1	-0.000003	PASS
8	6.5 volts at J3/B23(J2/B25=0V)(J2/B17=5V,J2/B18=0V)(J2/A1=5V,J2/A5=0V,J2/A6=5V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.02839	PASS
9	6.5 volts at J3/B23(J2/B25=0V)(J2/B17=0V,J2/B18=5V)(J2/A1=5V,J2/A5=0V,J2/A6=5V)	P3/A19 & P3/C19	12.74	13.26	12.965687	PASS

10	6.5 volts at J3/B23(J2/B25=0V)(J2/B17=0V,J2/B18=5V)(J2/A1=5V,J2/A5=0V,J2/A6=5V)(J2/A17=0V,J2/A18=0V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	12.74	13.26	12.992569	PASS
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22)	CHANNEL-2 RSA YAW RATE-CPL					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	0 volts at J3/B24(J2/B25=0V)(J2/B19=0V,J2/B20=0V)(J2/A2=5V,J2/A7=0V,J2/A8=5V)	P3/A20 & P3/C20	-0.1	0.1	0.009589	PASS
2	0 volts at J3/B24(J2/B25=0V)(J2/B19=0V,J2/B20=0V)(J2/A2=5V,J2/A7=0V,J2/A8=5V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.032952	PASS
3	6.5 volts at J3/B24(J2/B25=0V)(J2/B19=0V,J2/B20=0V)(J2/A2=5V,J2/A7=0V,J2/A8=5V)	P3/A20 & P3/C20	12.74	13.26	12.976065	PASS
4	6.5 volts at J3/B24(J2/B25=0V)(J2/B19=0V,J2/B20=0V)(J2/A2=5V,J2/A7=0V,J2/A8=5V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	12.74	13.26	13.003131	PASS
5	-6.5 volts at J3/B24(J2/B25=0V)(J2/B19=0V,J2/B20=0V)(J2/A2=5V,J2/A7=0V,J2/A8=5V)	P3/A20 & P3/C20	-13.26	-12.74	-12.961692	PASS

6	-6.5 volts at J3/B24(J2/B25=0V)(J2/B19=0V,J2/B20=0V)(J2/A2=5V,J2/A7=0V,J2/A8=5V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-13.26	-12.74	-12.940611	PASS
7	6.5 volts at J3/B24(J2/B25=0V)(J2/B19=5V,J2/B20=0V)(J2/A2=5V,J2/A7=0V,J2/A8=5V)	P3/A20 & P3/C20	-0.1	0.1	-0.000004	PASS
8	6.5 volts at J3/B24(J2/B25=0V)(J2/B19=5V,J2/B20=0V)(J2/A2=5V,J2/A7=0V,J2/A8=5V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.028529	PASS
9	6.5 volts at J3/B24(J2/B25=0V)(J2/B19=0V,J2/B20=5V)(J2/A2=5V,J2/A7=0V,J2/A8=5V)	P3/A20 & P3/C20	12.74	13.26	12.977591	PASS
10	6.5 volts at J3/B24(J2/B25=0V)(J2/B19=0V,J2/B20=5V)(J2/A2=5V,J2/A7=0V,J2/A8=5V)(J2/A17=0V,J2/A18=5V,J2/A19=0V,J2/A20=5V)	J3/A23 & GND	12.74	13.26	13.004213	PASS

23)	CHANNEL-3 RSA YAW RATE-CPL					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	0 volts at J3/B25(J2/B25=0V)(J2/B21=0V,J2/B22=0V)(J2/A3=5V,J2/A9=0V,J2/A10=5V)	P3/A21 & P3/C21	-0.1	0.1	-0.009025	PASS

2	0 volts at J3/B25(J2/B25=0V)(J2/B21=0V,J2/B22=0V)(J2/A3=5V,J2/A9=0V,J2/A10=5V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.022916	PASS
3	6.5 volts at J3/B25(J2/B25=0V)(J2/B21=0V,J2/B22=0V)(J2/A3=5V,J2/A9=0V,J2/A10=5V)	P3/A21 & P3/C21	12.74	13.26	12.955526	PASS
4	6.5 volts at J3/B25(J2/B25=0V)(J2/B21=0V,J2/B22=0V)(J2/A3=5V,J2/A9=0V,J2/A10=5V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	12.74	13.26	12.994571	PASS
5	-6.5 volts at J3/B25(J2/B25=0V)(J2/B21=0V,J2/B22=0V)(J2/A3=5V,J2/A9=0V,J2/A10=5V)	P3/A21 & P3/C21	-13.26	-12.74	-12.966973	PASS
6	-6.5 volts at J3/B25(J2/B25=0V)(J2/B21=0V,J2/B22=0V)(J2/A3=5V,J2/A9=0V,J2/A10=5V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-13.26	-12.74	-12.946812	PASS
7	6.5 volts at J3/B25(J2/B25=0V)(J2/B21=5V,J2/B22=0V)(J2/A3=5V,J2/A9=0V,J2/A10=5V)	P3/A21 & P3/C21	-0.1	0.1	-0.000004	PASS
8	6.5 volts at J3/B25(J2/B25=0V)(J2/B21=5V,J2/B22=0V)(J2/A3=5V,J2/A9=0V,J2/A10=5V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.02884	PASS
9	6.5 volts at J3/B25(J2/B25=0V)(J2/B21=0V,J2/B22=5V)(J2/A3=5V,J2/A9=0V,J2/A10=5V)	P3/A21 & P3/C21	12.74	13.26	12.974713	PASS

10	6.5 volts at J3/B25(J2/B25=0V)(J2/B21=0V,J2/B22=5V)(J2/A3=5V,J2/A9=0V,J2/A10=5V)(J2/A17=0V,J2/A18=0V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	12.74	13.26	13.004819	PASS
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24)	CHANNEL-4 RSA YAW RATE-CPL					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	0 volts at J3/B26(J2/B25=0V)(J2/B23=0V,J2/B24=0V)(J2/A4=5V,J2/A11=0V,J2/A12=5V)	P3/A22 & P3/A22	-0.1	0.1	-0.000006	PASS
2	0 volts at J3/B26(J2/B25=0V)(J2/B23=0V,J2/B24=0V)(J2/A4=5V,J2/A11=0V,J2/A12=5V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.029674	PASS
3	6.5 volts at J3/B26(J2/B25=0V)(J2/B23=0V,J2/B24=0V)(J2/A4=5V,J2/A11=0V,J2/A12=5V)	P3/A22 & P3/A22	12.74	13.26	12.976044	PASS
4	6.5 volts at J3/B26(J2/B25=0V)(J2/B23=0V,J2/B24=0V)(J2/A4=5V,J2/A11=0V,J2/A12=5V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	12.74	13.26	13.002709	PASS
5	-6.5 volts at J3/B26(J2/B25=0V)(J2/B23=0V,J2/B24=0V)(J2/A4=5V,J2/A11=0V,J2/A12=5V)	P3/A22 & P3/A22	-13.26	-12.74	-12.964159	PASS

6	-6.5 volts at J3/B26(J2/B25=0V)(J2/B23=0V,J2/B24=0V)(J2/A4=5V,J2/A11=0V,J2/A12=5V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-13.26	-12.74	-12.940514	PASS
7	6.5 volts at J3/B26(J2/B25=0V)(J2/B23=5V,J2/B24=0V)(J2/A4=5V,J2/A11=0V,J2/A12=5V)	P3/A22 & P3/A22	-0.1	0.1	-0.000005	PASS
8	6.5 volts at J3/B26(J2/B25=0V)(J2/B23=5V,J2/B24=0V)(J2/A4=5V,J2/A11=0V,J2/A12=5V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	-0.1	0.1	0.028841	PASS
9	6.5 volts at J3/B26(J2/B25=0V)(J2/B23=0V,J2/B24=5V)(J2/A4=5V,J2/A11=0V,J2/A12=5V)	P3/A22 & P3/A22	12.74	13.26	12.979875	PASS
10	6.5 volts at J3/B26(J2/B25=0V)(J2/B23=0V,J2/B24=5V)(J2/A4=5V,J2/A11=0V,J2/A12=5V)(J2/A17=0V,J2/A18=5V,J2/A19=5V,J2/A20=5V)	J3/A23 & GND	12.74	13.26	13.004721	PASS

25)	CHANNEL-1 RSA POWER MONITOR					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	15 Volts at P2/A5 and P2/C5	J3/A13 & GND	8.82	9.18	8.967744	PASS

2	-15 Volts at P2/B5 and P2/C5	J3/A14 & GND	-9.2	-8.8	-8.968633	PASS
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26)	CHANNEL-2 RSA POWER MONITOR					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	15 Volts at P2/A6 and P2/C6	J3/A17 & GND	8.78	9.22	8.970524	PASS
2	-15 Volts at P2/B6 and P2/C6	J3/A18 & GND	-9.24	-8.98	-8.96651	PASS

27)	CHANNEL-3 RSA POWER MONITOR					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	15 Volts at P2/A7 and P2/C7	J3/A19 & GND	8.82	9.18	8.969983	PASS
2	-15 Volts at P2/B7 and P2/C7	J3/A20 & GND	-9.2	-8.8	-8.965509	PASS

28)	CHANNEL-4 RSA POWER MONITOR					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(VOLTS DC)	RESULT
1	15 Volts at P2/A8 and P2/C8	J3/A21 & GND	8.82	9.18	8.96715	PASS
2	-15 Volts at P2/B8 and P2/C8	J3/A22 & GND	-9.2	-8.8	-8.969988	PASS

29)	CHANNEL-1 RSA POWER LOAD					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(OHMS)	RESULT
1	J2/A25=0V	P2/A1 & P2/C1	65	80	70.466579	PASS
2	J2/A25=0V	P2/B1 & P2/C1	73	85	75.002824	PASS
3	J2/A25=5V	P2/A1 & P2/C1	40	53	43.41962	PASS
4	J2/A25=5V	P2/B1 & P2/C1	73	85	75.00041	PASS

30)	CHANNEL-2 RSA POWER LOAD					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(OHMS)	RESULT
1	J2/A25=0V	P2/A2 & P2/C2	65	80	70.226252	PASS
2	J2/A25=0V	P2/B2 & P2/C2	73	85	76.521198	PASS
3	J2/A25=5V	P2/A2 & P2/C2	40	53	43.057892	PASS
4	J2/A25=5V	P2/B2 & P2/C2	73	85	76.898077	PASS

31)	CHANNEL-3 RSA POWER LOAD					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(OHMS)	RESULT
1	J2/A26=0V	P2/A3 & P2/C3	65	80	69.872763	PASS
2	J2/A26=0V	P2/B3 & P2/C3	73	85	76.348085	PASS
3	J2/A26=5V	P2/A3 & P2/C3	40	53	45.462529	PASS
4	J2/A26=5V	P2/B3 & P2/C3	73	85	76.41371	PASS

32)	CHANNEL-4 RSA POWER LOAD					
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE(OHMS)	RESULT
1	J2/A26=0V	P2/A4 & P2/C4	65	80	69.925933	PASS
2	J2/A26=0V	P2/B4 & P2/C4	73	85	73.661563	PASS
3	J2/A26=5V	P2/A4 & P2/C4	40	53	42.995464	PASS
4	J2/A26=5V	P2/B4 & P2/C4	73	85	73.67713	PASS