

246	PO-9 w.r.to RO-31		>100MΩ	>100MΩ	>100MΩ
247	PO-9 w.r.to RO-32		>100MΩ	>100MΩ	>100MΩ
248	PO-9 w.r.to RO-33		>100MΩ	>100MΩ	>100MΩ
249	All pins w.r.t chassis	All pins w.r.t chassis	>100MΩ	>100MΩ	>100MΩ

## Checklist of CEM TCM C25\_PM

### POWER MODULE CONTINUITY TESTS

SI No	Pin Details	Description	Expected	Results	
				ISRC	FSRC
1	KM1-1 w.r.to KM1-2	28V Live(SPS chain1)	<100mΩ	8mΩ	8mΩ
2	KM1-3 w.r.to KM1-4	28V Live(PSC chain1)	<100mΩ	8mΩ	8mΩ
3	KM1-6 w.r.to KM1-7	28V RTN(SPS chain1)	<100mΩ	7mΩ	7mΩ
4	KM1-8 w.r.to KM1-9	28V RTN(PCS chain1)	<100mΩ	7mΩ	6mΩ
5	KM1-5 w.r.to Chassis	Chassis pin w.r.t. chassis	<100mΩ	17mΩ	18mΩ
6	KM1-1 w.r.to KM1-6	28V live w.r.t. 28V return	60k-80k	69.464kΩ	68.963kΩ
7	KM1-3 w.r.to KM1-8	28V live w.r.t. 28V return	60k-80k	68.865kΩ	68.340kΩ
8	KF1-1 w.r.to KF1-2	28V1 Live	<100mΩ	5mΩ	5mΩ
9	KF1-1 w.r.to KF1-3	28V1 Live	<100mΩ	5mΩ	5mΩ
10	KF1-1 w.r.to KF1-4	28V1 Live	<100mΩ	6mΩ	5mΩ
11	KF1-1 w.r.to KF1-5	28V1 Live	<100mΩ	11mΩ	11mΩ
12	KF1-1 w.r.to KF1-6	28V1 Live	<100mΩ	11mΩ	11mΩ
13	KF1-1 w.r.to KF1-7	28V1 Live	<100mΩ	12mΩ	12mΩ
14	KF1-1 w.r.to KF1-8	28V1 Live	<100mΩ	12mΩ	11mΩ
15	KF1-1 w.r.to KF1-46	28V1 Live	<100mΩ	11mΩ	11mΩ
16	KF1-1 w.r.to KF1-48	28V1 Live	<100mΩ	11mΩ	11mΩ
17	KF1-9 w.r.to KF1-10	+15V2 Live	<100mΩ	5mΩ	5mΩ
18	KF1-9 w.r.to KF1-11	+15V2 Live	<100mΩ	6mΩ	6mΩ
19	KF1-9 w.r.to KF1-12	+15V2 Live	<100mΩ	6mΩ	6mΩ
20	KF1-13 w.r.to KF1-14	-15V2 Live	<100mΩ	5mΩ	6mΩ
21	KF1-13 w.r.to KF1-15	-15V2 Live	<100mΩ	5mΩ	6mΩ
22	KF1-13 w.r.to KF1-16	-15V2 Live	<100mΩ	5mΩ	6mΩ
23	KF1-18 w.r.to KF1-19	28V1 RTN	<100mΩ	5mΩ	5mΩ
24	KF1-18 w.r.to KF1-20	28V1 RTN	<100mΩ	5mΩ	5mΩ
25	KF1-18 w.r.to KF1-21	28V1 RTN	<100mΩ	5mΩ	5mΩ
26	KF1-18 w.r.to KF1-22	28V1 RTN	<100mΩ	8mΩ	8mΩ
27	KF1-18 w.r.to KF1-23	28V1 RTN	<100mΩ	9mΩ	8mΩ
28	KF1-18 w.r.to KF1-24	28V1 RTN	<100mΩ	8mΩ	8mΩ
29	KF1-18 w.r.to KF1-25	28V1 RTN	<100mΩ	9mΩ	8mΩ
30	KF1-18 w.r.to KF1-47	28V1 RTN	<100mΩ	9mΩ	9mΩ
31	KF1-26 w.r.to KF1-27	±15V2 RTN	<100mΩ	5mΩ	5mΩ
32	KF1-26 w.r.to KF1-28	±15V2 RTN	<100mΩ	5mΩ	5mΩ
33	KF1-26 w.r.to KF1-29	±15V2 RTN	<100mΩ	5mΩ	5mΩ
34	KF1-26 w.r.to KF1-30	±15V2 RTN	<100mΩ	5mΩ	5mΩ
35	KF1-26 w.r.to KF1-31	±15V2 RTN	<100mΩ	5mΩ	5mΩ
36	KF1-26 w.r.to KF1-32	±15V2 RTN	<100mΩ	5mΩ	5mΩ
37	KF1-26 w.r.to KF1-33	±15V2 RTN	<100mΩ	5mΩ	5mΩ
38	KF1-18 w.r.to KF1-35	+28V1 RTN & +28V1 T/M1 RTN	<100mΩ	4mΩ	4mΩ
39	KF1-18 w.r.to KF1-37	+28V1 RTN & +28V1 T/M2 RTN	<100mΩ	5mΩ	4mΩ
40	KF1-26 w.r.to KF1-39	±15V2 RTN & +15V2 T/M1 RTN	<100mΩ	5mΩ	5mΩ
41	KF1-26 w.r.to KF1-41	±15V2 RTN & +15V2 T/M2 RTN	<100mΩ	5mΩ	5mΩ
42	KF1-26 w.r.to KF1-43	±15V2 RTN & -15V2 T/M1 RTN	<100mΩ	4mΩ	4mΩ
43	KF1-26 w.r.to KF1-45	±15V2 RTN & -15V2 T/M2 RTN	<100mΩ	4mΩ	4mΩ
44	KF1-34 w.r.to KF1-35	+28V1 T/M1 Live & RTN	1.4kΩ±2%	1.396kΩ	1.396kΩ

45	KF1-36 w.r.to KF1-37	+28V1 T/M2 Live & RTN	1.4kΩ±2%	1.397kΩ	1.396kΩ
46	KF1-38 w.r.to KF1-39	+15V2 T/M1 Live & RTN	1.3kΩ±2%	1.309kΩ	1.309kΩ
47	KF1-40 w.r.to KF1-41	+15V2 T/M2 Live & RTN	1.3kΩ±2%	1.309kΩ	1.309kΩ
48	KF1-42 w.r.to KF1-43	-15V2 T/M1 Live & RTN	1.3kΩ±2%	1.309kΩ	1.309kΩ
49	KF1-44 w.r.to KF1-45	-15V2 T/M2 Live & RTN	1.3kΩ±2%	1.309kΩ	1.309kΩ
50	KF1-34 w.r.to KF1-36	+28V1 T/M1 Live & T/M2 Live	2.8kΩ±2%	2.791kΩ	2.791kΩ
51	KF1-35 w.r.to KF1-37	+28V1 T/M1 RTN & T/M2 RTN	<100mΩ	4mΩ	4mΩ
52	KF1-38 w.r.to KF1-40	+15V2 T/M1 Live & T/M2 Live	2.6kΩ±2%	2.609kΩ	2.609kΩ
53	KF1-39 w.r.to KF1-41	+15V2 T/M1 RTN & T/M2 RTN	<100mΩ	4mΩ	4mΩ
54	KF1-42 w.r.to KF1-44	-15V2 T/M1 Live & T/M2 Live	2.6kΩ±2%	2.609kΩ	2.609kΩ
55	KF1-43 w.r.to KF1-45	-15V2 T/M1 RTN & T/M2 RTN	<100mΩ	4mΩ	4mΩ
56	KF1-1 w.r.to KF1-34	28V1 Live w.r.t 28V1 T/M1 Live	1.6kΩ±2%	1.599kΩ	1.599kΩ
57	KF1-1 w.r.to KF1-36	28V1 Live w.r.t 28V1 T/M2 Live	1.6kΩ±2%	1.599kΩ	1.599kΩ
58	KF1-9 w.r.to KF1-38	15V2 Live w.r.t 15V2 T/M1 Live	1.5kΩ±2%	1.491kΩ	1.491kΩ
59	KF1-9 w.r.to KF1-40	15V2 Live w.r.t 15V2 T/M2 Live	1.5kΩ±2%	1.491kΩ	1.491kΩ
60	KF1-13 w.r.to KF1-42	(-)15V2 Live w.r.t (-)15V2 T/M1 Live	1.5kΩ±2%	1.496kΩ	1.496kΩ
61	KF1-13 w.r.to KF1-44	(-)15V2 Live w.r.t (-)15V2 T/M2 Live	1.5kΩ±2%	1.496kΩ	1.496kΩ
62	KF1-50 w.r.to Chassis	Chassis pin w.r.t Chassis	<100mΩ	30mΩ	31mΩ
63	KM2-1 w.r.to KM2-2	28V Live(SPS chain2)	<100mΩ	8mΩ	9mΩ
64	KM2-3 w.r.to KM2-4	28V Live(PSC chain2)	<100mΩ	9mΩ	9mΩ
65	KM2-6 w.r.to KM2-7	28V RTN(SPS chain2)	<100mΩ	6mΩ	6mΩ
66	KM2-8 w.r.to KM2-9	28V RTN(PCS chain2)	<100mΩ	7mΩ	6mΩ
67	KM2-5 w.r.to Chassis	Chassis point w.r.t. chassis	<100mΩ	17mΩ	18mΩ
68	KM2-1 w.r.to KM2-6	28V live w.r.t. 28V return	60kΩ-80kΩ	71.76kΩ	71.26kΩ
69	KM2-3 w.r.to KM2-8	28V live w.r.t. 28V return	60kΩ-80kΩ	69.35kΩ	68.82kΩ
70	KF2-1 w.r.to KF2-2	28V3 Live	<100mΩ	6mΩ	5mΩ
71	KF2-1 w.r.to KF2-3	28V3 Live	<100mΩ	6mΩ	6mΩ
72	KF2-1 w.r.to KF2-4	28V3 Live	<100mΩ	6mΩ	6mΩ
73	KF2-1 w.r.to KF2-5	28V3 Live	<100mΩ	9mΩ	9mΩ
74	KF2-1 w.r.to KF2-6	28V3 Live	<100mΩ	9mΩ	9mΩ
75	KF2-1 w.r.to KF2-7	28V3 Live	<100mΩ	9mΩ	9mΩ
76	KF2-1 w.r.to KF2-8	28V3 Live	<100mΩ	9mΩ	9mΩ
77	KF2-1 w.r.to KF2-46	28V3 Live	<100mΩ	13mΩ	12mΩ
78	KF2-1 w.r.to KF2-48	28V3 Live	<100mΩ	12mΩ	12mΩ
79	KF2-9 w.r.to KF2-10	+15V4 Live	<100mΩ	6mΩ	5mΩ
80	KF2-9 w.r.to KF2-11	+15V4 Live	<100mΩ	6mΩ	6mΩ
81	KF2-9 w.r.to KF2-12	+15V4 Live	<100mΩ	6mΩ	6mΩ
82	KF2-13 w.r.to KF2-14	-15V4 Live	<100mΩ	6mΩ	6mΩ
83	KF2-13 w.r.to KF2-15	-15V4 Live	<100mΩ	6mΩ	6mΩ
84	KF2-13 w.r.to KF2-16	-15V4 Live	<100mΩ	6mΩ	6mΩ
85	KF2-18 w.r.to KF2-19	28V2 RTN	<100mΩ	5mΩ	5mΩ
86	KF2-18 w.r.to KF2-20	28V2 RTN	<100mΩ	5mΩ	5mΩ
87	KF2-18 w.r.to KF2-21	28V2 RTN	<100mΩ	5mΩ	5mΩ
88	KF2-18 w.r.to KF2-22	28V2 RTN	<100mΩ	10mΩ	10mΩ
89	KF2-18 w.r.to KF2-23	28V2 RTN	<100mΩ	10mΩ	10mΩ
90	KF2-18 w.r.to KF2-24	28V2 RTN	<100mΩ	10mΩ	10mΩ
91	KF2-18 w.r.to KF2-25	28V2 RTN	<100mΩ	10mΩ	10mΩ
92	KF2-18 w.r.to KF2-47	28V2 RTN	<100mΩ	9mΩ	9mΩ
93	KF2-26 w.r.to KF2-27	±15V4 RTN	<100mΩ	5mΩ	5mΩ
94	KF2-26 w.r.to KF2-28	±15V4 RTN	<100mΩ	5mΩ	5mΩ
95	KF2-26 w.r.to KF2-29	±15V4 RTN	<100mΩ	5mΩ	5mΩ

96	KF2-26 w.r.to KF2-30	±15V4 RTN	<100mΩ	5mΩ	5mΩ
97	KF2-26 w.r.to KF2-31	±15V4 RTN	<100mΩ	5mΩ	5mΩ
98	KF2-26 w.r.to KF2-32	±15V4 RTN	<100mΩ	5mΩ	5mΩ
99	KF2-26 w.r.to KF2-33	±15V4 RTN	<100mΩ	6mΩ	6mΩ
100	KF2-18 w.r.to KF2-35	+28V3 RTN & +28V3 T/M1 RTN	<100mΩ	4mΩ	4mΩ
101	KF2-18 w.r.to KF2-37	+28V3 RTN & +28V3 T/M2 RTN	<100mΩ	5mΩ	4mΩ
102	KF2-26 w.r.to KF2-39	±15V4 RTN & +15V4 T/M1 RTN	<100mΩ	5mΩ	5mΩ
103	KF2-26 w.r.to KF2-41	±15V4 RTN & +15V4 T/M2 RTN	<100mΩ	5mΩ	5mΩ
104	KF2-26 w.r.to KF2-43	±15V4 RTN & -15V4 T/M1 RTN	<100mΩ	4mΩ	4mΩ
105	KF2-26 w.r.to KF2-45	±15V4 RTN & -15V4 T/M2 RTN	<100mΩ	4mΩ	4mΩ
106	KF2-34 w.r.to KF2-35	+28V3 T/M1 Live & RTN	1.4kΩ±2%	1.397kΩ	1.396kΩ
107	KF2-36 w.r.to KF2-37	+28V3 T/M2 Live & RTN	1.4kΩ±2%	1.397kΩ	1.397kΩ
108	KF2-38 w.r.to KF2-39	+15V4 T/M1 Live & RTN	1.3kΩ±2%	1.309kΩ	1.309kΩ
109	KF2-40 w.r.to KF2-41	+15V4 T/M2 Live & RTN	1.3kΩ±2%	1.309kΩ	1.309kΩ
110	KF2-42 w.r.to KF2-43	-15V4 T/M1 Live & RTN	1.3kΩ±2%	1.309kΩ	1.309kΩ
111	KF2-44 w.r.to KF2-45	-15V4 T/M2 Live & RTN	1.3kΩ±2%	1.309kΩ	1.309kΩ
113	KF2-34 w.r.to KF2-36	+28V3 T/M1 & T/M2 Live	2.8kΩ±2%	2.791kΩ	2.791kΩ
114	KF2-35 w.r.to KF2-37	+28V3 T/M1 & T/M2 RTN	<100mΩ	4mΩ	4mΩ
115	KF2-38 w.r.to KF2-40	+15V4 T/M1 & T/M2 Live	2.6kΩ±2%	2.609kΩ	2.609kΩ
116	KF2-39 w.r.to KF2-41	+15V4 T/M1 & T/M2 RTN	<100mΩ	4mΩ	4mΩ
117	KF2-42 w.r.to KF2-44	-15V4 T/M1 & T/M2 Live	2.6kΩ±2%	2.609kΩ	2.609kΩ
118	KF2-43 w.r.to KF2-45	-15V4 T/M1 & T/M2 RTN	<100mΩ	4mΩ	4mΩ
119	KF2-1 w.r.to KF2-34	28V3 Live w.r.t 28V3 T/M1 Live	1.6kΩ±2%	1.599kΩ	1.599kΩ
120	KF2-1 w.r.to KF2-36	28V3 Live w.r.t 28V3 T/M2 Live	1.6kΩ±2%	1.599kΩ	1.599kΩ
121	KF2-9 w.r.to KF2-38	15V4 Live w.r.t 15V4 T/M1 Live	1.5kΩ±2%	1.492kΩ	1.492kΩ
122	KF2-9 w.r.to KF2-40	15V4 Live w.r.t 15V4 T/M2 Live	1.5kΩ±2%	1.492kΩ	1.492kΩ
123	KF2-13 w.r.to KF2-42	(-)15V4 Live w.r.t (-)15V4 T/M1 Live	1.5kΩ±2%	1.496kΩ	1.496kΩ
124	KF2-13 w.r.to KF2-44	(-)15V4 Live w.r.t (-)15V4 T/M2 Live	1.5kΩ±2%	1.496kΩ	1.496kΩ
125	KF2-50 w.r.to Chassis	Chassis pin w.r.t Chassis	<100mΩ	72mΩ	75mΩ
126	KM3-1 w.r.to KM3-2	28V Live(SPS chain3)	<100mΩ	9mΩ	9mΩ
127	KM3-3 w.r.to KM3-4	28V Live(PSC chain3)	<100mΩ	8mΩ	8mΩ
128	KM3-6 w.r.to KM3-7	28V RTN(SPS chain3)	<100mΩ	7mΩ	6mΩ
129	KM3-8 w.r.to KM3-9	28V RTN(PCS chain3)	<100mΩ	6mΩ	6mΩ
130	KM3-5 w.r.to Chassis	Chassis point w.r.t. chassis	<100mΩ	16mΩ	17mΩ
131	KM3-1 w.r.to KM3-6	28V live w.r.t. 28V return	60k-80k	71.49kΩ	70.98kΩ
132	KM3-3 w.r.to KM3-8	28V live w.r.t. 28V return	60k-80k	67.96kΩ	67.43kΩ
133	KF3-1 w.r.to KF3-2	28V5 Live	<100mΩ	5mΩ	5mΩ
134	KF3-1 w.r.to KF3-3	28V5 Live	<100mΩ	5mΩ	5mΩ
135	KF3-1 w.r.to KF3-4	28V5 Live	<100mΩ	6mΩ	6mΩ
136	KF3-1 w.r.to KF3-5	28V5 Live	<100mΩ	14mΩ	13mΩ
137	KF3-1 w.r.to KF3-6	28V5 Live	<100mΩ	13mΩ	13mΩ
138	KF3-1 w.r.to KF3-7	28V5 Live	<100mΩ	13mΩ	13mΩ
139	KF3-1 w.r.to KF3-8	28V5 Live	<100mΩ	14mΩ	13mΩ
140	KF3-1 w.r.to KF3-46	28V5 Live	<100mΩ	12mΩ	12mΩ
141	KF3-1 w.r.to KF3-48	28V5 Live	<100mΩ	12mΩ	11mΩ
142	KF3-9 w.r.to KF3-10	+15V6 Live	<100mΩ	6mΩ	5mΩ
143	KF3-9 w.r.to KF3-11	+15V6 Live	<100mΩ	6mΩ	6mΩ
144	KF3-9 w.r.to KF3-12	+15V6 Live	<100mΩ	6mΩ	6mΩ
145	KF3-13 w.r.to KF3-14	-15V6 Live	<100mΩ	6mΩ	5mΩ
146	KF3-13 w.r.to KF3-15	-15V6 Live	<100mΩ	7mΩ	6mΩ
147	KF3-13 w.r.to KF3-16	-15V6 Live	<100mΩ	6mΩ	6mΩ

148	KF3-18 w.r.to KF3-19	28V5 RTN	<100mΩ	4mΩ	4mΩ
149	KF3-18 w.r.to KF3-20	28V5 RTN	<100mΩ	4mΩ	4mΩ
150	KF3-18 w.r.to KF3-21	28V5 RTN	<100mΩ	5mΩ	5mΩ
151	KF3-18 w.r.to KF3-22	28V5 RTN	<100mΩ	9mΩ	8mΩ
152	KF3-18 w.r.to KF3-23	28V5 RTN	<100mΩ	8mΩ	8mΩ
153	KF3-18 w.r.to KF3-24	28V5 RTN	<100mΩ	8mΩ	8mΩ
154	KF3-18 w.r.to KF3-25	28V5 RTN	<100mΩ	8mΩ	8mΩ
155	KF3-18 w.r.to KF3-47	28V5 RTN	<100mΩ	8mΩ	8mΩ
156	KF3-26 w.r.to KF3-27	±15V6 RTN	<100mΩ	4mΩ	4mΩ
157	KF3-26 w.r.to KF3-28	±15V6 RTN	<100mΩ	5mΩ	4mΩ
158	KF3-26 w.r.to KF3-29	±15V6 RTN	<100mΩ	5mΩ	5mΩ
159	KF3-26 w.r.to KF3-30	±15V6 RTN	<100mΩ	5mΩ	5mΩ
160	KF3-26 w.r.to KF3-31	±15V6 RTN	<100mΩ	5mΩ	5mΩ
161	KF3-26 w.r.to KF3-32	±15V6 RTN	<100mΩ	5mΩ	5mΩ
162	KF3-26 w.r.to KF3-33	±15V6 RTN	<100mΩ	5mΩ	5mΩ
163	KF3-18 w.r.to KF3-35	+28V5 RTN & +28V5 T/M1 RTN	<100mΩ	4mΩ	4mΩ
164	KF3-18 w.r.to KF3-37	+28V5 RTN & +28V5 T/M2 RTN	<100mΩ	4mΩ	4mΩ
165	KF3-26 w.r.to KF3-39	±15V6 RTN & +15V6 T/M1 RTN	<100mΩ	5mΩ	5mΩ
166	KF3-26 w.r.to KF3-41	±15V6 RTN & +15V6 T/M2 RTN	<100mΩ	5mΩ	5mΩ
167	KF3-26 w.r.to KF3-43	±15V6 RTN & -15V6 T/M1 RTN	<100mΩ	4mΩ	4mΩ
168	KF3-26 w.r.to KF3-45	±15V6 RTN & -15V6 T/M2 RTN	<100mΩ	4mΩ	4mΩ
169	KF3-34 w.r.to KF3-35	+28V5 T/M1 Live & RTN	1.4kΩ±2%	1.396kΩ	1.396kΩ
170	KF3-36 w.r.to KF3-37	+28V5 T/M2 Live & RTN	1.4kΩ±2%	1.396kΩ	1.396kΩ
171	KF3-38 w.r.to KF3-39	+15V6 T/M1 Live & RTN	1.3kΩ±2%	1.309kΩ	1.308kΩ
172	KF3-40 w.r.to KF3-41	+15V6 T/M2 Live & RTN	1.3kΩ±2%	1.309kΩ	1.309kΩ
173	KF3-42 w.r.to KF3-43	-15V6 T/M1 Live & RTN	1.3kΩ±2%	1.309kΩ	1.309kΩ
174	KF3-44 w.r.to KF3-45	-15V6 T/M2 Live & RTN	1.3kΩ±2%	1.309kΩ	1.309kΩ
175	KF3-34 w.r.to KF3-36	+28V5 T/M1 & T/M2 Live	2.8kΩ±2%	2.791kΩ	2.791kΩ
176	KF3-35 w.r.to KF3-37	+28V5 T/M1 & T/M2 RTN	<100mΩ	4mΩ	4mΩ
177	KF3-38 w.r.to KF3-40	+15V6 T/M1 & T/M2 Live	2.6kΩ±2%	2.609kΩ	2.609kΩ
178	KF3-39 w.r.to KF3-41	+15V6 T/M1 & T/M2 RTN	<100mΩ	4mΩ	4mΩ
179	KF3-42 w.r.to KF3-44	-15V6 T/M1 & T/M2 Live	2.6kΩ±2%	2.609kΩ	2.609kΩ
180	KF3-43 w.r.to KF3-45	-15V6 T/M1 & T/M2 RTN	<100mΩ	4mΩ	4mΩ
181	KF3-1 w.r.to KF3-34	28V5 Live w.r.t 28V5 T/M1 Live	1.6kΩ±2%	1.599kΩ	1.599kΩ
182	KF3-1 w.r.to KF3-36	28V5 Live w.r.t 28V5 T/M2 Live	1.6kΩ±2%	1.599kΩ	1.599kΩ
183	KF3-9 w.r.to KF3-38	15V6 Live w.r.t 15V6 T/M1 Live	1.5kΩ±2%	1.492kΩ	1.491kΩ
184	KF3-9 w.r.to KF3-40	15V6 Live w.r.t 15V6 T/M2 Live	1.5kΩ±2%	1.492kΩ	1.491kΩ
185	KF3-13 w.r.to KF3-42	(-)15V6 Live w.r.t (-)15V6 T/M1 Live	1.5kΩ±2%	1.496kΩ	1.496kΩ
186	KF3-13 w.r.to KF3-44	(-)15V6 Live w.r.t (-)15V6 T/M2 Live	1.5kΩ±2%	1.496kΩ	1.496kΩ
187	KF3-50 w.r.to Chassis	Chassis pin w.r.t Chassis	<100mΩ	68mΩ	70mΩ
188	KF1-1 w.r.to KF1-18	-28V1 Live & RTN	Not short	235.529Ω	235.53Ω
189	KF1-9 w.r.to KF1-26	+15V2 Live & ±15V2 RTN	Not short	247.530Ω	247.52Ω
190	KF1-26 w.r.to KF1-13	±15V2 RTN & -15V2 Live	Not short	253.635Ω	253.63Ω
191	KF2-1 w.r.to KF2-18	-28V3 Live & RTN	Not short	235.445Ω	235.44Ω
192	KF2-9 w.r.to KF2-26	+15V4 Live & ±15V4 RTN	Not short	247.791Ω	247.78Ω
193	KF2-26 w.r.to KF2-13	±15V4 RTN & -15V4 Live	Not short	253.374Ω	253.36Ω
194	KF3-1 w.r.to KF3-18	-28V5 Live & RTN	Not short	235.410Ω	235.40Ω
195	KF3-9 w.r.to KF3-26	+15V6 Live & ±15V6 RTN	Not short	247.658Ω	247.65Ω
196	KF3-26 w.r.to KF3-13	±15V6 RTN & -15V6 Live	Not short	253.478Ω	253.47Ω
197	KF1-9 w.r.to KF1-13	+15V2 Live & -15V2 Live	490Ω-510Ω	501.157Ω	501.14Ω
198	KF2-9 w.r.to KF2-13	+15V4 Live & -15V4 Live	490Ω-510Ω	501.144Ω	501.13Ω

199	KF3-9 w.r.to KF3-13	+15V6 Live & -15V6 Live	490Ω-510Ω	501.123Ω	501.11Ω
200	KF1-12 w.r.to KF1-16	+15V2 Live w.r.t -15V2 Live	490Ω-510Ω	501.158Ω	501.14Ω
201	KF2-12 w.r.to KF2-16	+15V4 Live w.r.t -15V4 Live	490Ω-510Ω	501.144Ω	501.13Ω
202	KF3-12 w.r.to KF3-16	+15V6 Live w.r.t -15V6 Live	490Ω-510Ω	501.121Ω	501.11Ω
203	KF1-18 w.r.to KF1-49	28V1 RTN	<100mΩ	9mΩ	9mΩ
204	KF2-18 w.r.to KF2-49	28V3 RTN	<100mΩ	47mΩ	9mΩ
205	KF3-18 w.r.to KF3-49	28V5 RTN	<100mΩ	9mΩ	8mΩ
206	All connector mounting post w.r.t chassis		>100MΩ	>100MΩ	>100MΩ

## PM ISOLATION

SL. NO	Pin Details	Description	Exptd	Results	
				ISRC	FSRC
1	KM1 6 w.r.t KM1 8	+28V RTN of SPS chain1 & +28V RTN PSC chain 1	>100MΩ	>100MΩ	>100MΩ
2	KM1 6 w.r.t KM2 6	+28V RTN of SPS chain1 & +28V RTN of SPS chain2	>100MΩ	>100MΩ	>100MΩ
3	KM1 6 w.r.t KM2 8	+28V RTN of SPS chain1 & +28V RTN PSC chain 2	>100MΩ	>100MΩ	>100MΩ
4	KM1 6 w.r.t KM3 6	+28V RTN of SPS chain1 & +28V RTN of SPS chain3	>100MΩ	>100MΩ	>100MΩ
5	KM1 6 w.r.t KM3 8	+28V RTN of SPS chain1 & +28V RTN PSC chain 3	>100MΩ	>100MΩ	>100MΩ
6	KM1 8 w.r.t KM2 6	28V RTN PSC chain 1& +28V RTN of SPS chain2	>100MΩ	>100MΩ	>100MΩ
7	KM1 8 w.r.t KM2 8	28V RTN PSC chain 1& +28V RTN of PSC chain2	>100MΩ	>100MΩ	>100MΩ
8	KM1 8 w.r.t KM3 6	28V RTN PSC chain 1& +28V RTN of SPS chain3	>100MΩ	>100MΩ	>100MΩ
9	KM1 8 w.r.t KM3 8	28V RTN PSC chain 1& +28V RTN of PSC chain3	>100MΩ	>100MΩ	>100MΩ
10	KM2 6 w.r.t KM2 8	+28V RTN of SPS chain2& +28V RTN of PSC chain2	>100MΩ	>100MΩ	>100MΩ
11	KM2 6 w.r.t KM3 6	+28V RTN of SPS chain2& +28V RTN of SPS chain3	>100MΩ	>100MΩ	>100MΩ
12	KM2 6 w.r.t KM3 8	+28V RTN of SPS chain2& +28V RTN of PSC chain3	>100MΩ	>100MΩ	>100MΩ
13	KM2 8 w.r.t KM3 6	+28V RTN of SPS chain2& +28V RTN of SPS chain3	>100MΩ	>100MΩ	>100MΩ
14	KM2 8 w.r.t KM3 8	+28V RTN of SPS chain2& +28V RTN of PSC chain3	>100MΩ	>100MΩ	>100MΩ
15	KM3 6 w.r.t KM3 8	+28V RTN of SPS chain3& +28V RTN of PSC chain3	>100MΩ	>100MΩ	>100MΩ
16	KM1 6 w.r.t KF1 18	+28V RTN of SPS chain1 & +28V1 RTN	>100MΩ	>100MΩ	>100MΩ
17	KM1 6 w.r.t KF1 26	+28V RTN of SPS chain1 & ±15V2 RTN	>100MΩ	>100MΩ	>100MΩ
18	KM1 6 w.r.t KF2 18	+28V RTN of SPS chain1 & +28V3 RTN	>100MΩ	>100MΩ	>100MΩ
19	KM1 6 w.r.t KF2 26	+28V RTN of SPS chain1 & ±15V4 RTN	>100MΩ	>100MΩ	>100MΩ
20	KM1 6 w.r.t KF3 18	+28V RTN of SPS chain1 & +28V5 RTN	>100MΩ	>100MΩ	>100MΩ
21	KM1 6 w.r.t KF3 26	+28V RTN of SPS chain1 & ±15V6 RTN	>100MΩ	>100MΩ	>100MΩ
22	KM1 8 w.r.t KF1 18	+28V RTN of SPS chain1 & +28V1 RTN	>100MΩ	>100MΩ	>100MΩ
23	KM1 8 w.r.t KF1 26	+28V RTN of SPS chain1 & ±15V2 RTN	>100MΩ	>100MΩ	>100MΩ
24	KM1 8 w.r.t KF2 18	+28V RTN of SPS chain1 & +28V3 RTN	>100MΩ	>100MΩ	>100MΩ
25	KM1 8 w.r.t KF2 26	+28V RTN of SPS chain1 & ±15V4 RTN	>100MΩ	>100MΩ	>100MΩ
26	KM1 8 w.r.t KF3 18	+28V RTN of SPS chain1 & +28V5 RTN	>100MΩ	>100MΩ	>100MΩ
27	KM1 8 w.r.t KF3 26	+28V RTN of SPS chain1 & ±15V6 RTN	>100MΩ	>100MΩ	>100MΩ
28	KM2 6 w.r.t KF1 18	+28V RTN of SPS chain2 & +28V1 RTN	>100MΩ	>100MΩ	>100MΩ
29	KM2 6 w.r.t KF1 26	+28V RTN of SPS chain2 & ±15V2 RTN	>100MΩ	>100MΩ	>100MΩ
30	KM2 6 w.r.t KF2 18	+28V RTN of SPS chain2 & +28V3 RTN	>100MΩ	>100MΩ	>100MΩ

31	KM2 6 w.r.t KF2 26	+28V RTN of SPS chain2 & ±15V4 RTN	>100MΩ	>100MΩ	>100MΩ
32	KM2 6 w.r.t KF3 18	+28V RTN of SPS chain2 & +28V5 RTN	>100MΩ	>100MΩ	>100MΩ
33	KM2 6 w.r.t KF3 26	+28V RTN of SPS chain2 & ±15V6 RTN	>100MΩ	>100MΩ	>100MΩ
34	KM2 8 w.r.t KF1 18	+28V RTN of SPS chain2& +28V1 RTN	>100MΩ	>100MΩ	>100MΩ
35	KM2 8 w.r.t KF1 26	+28V RTN of SPS chain2& ±15V2 RTN	>100MΩ	>100MΩ	>100MΩ
36	KM2 8 w.r.t KF2 18	+28V RTN of SPS chain2& +28V3 RTN	>100MΩ	>100MΩ	>100MΩ
37	KM2 8 w.r.t KF2 26	+28V RTN of SPS chain2 & ±15V4 RTN	>100MΩ	>100MΩ	>100MΩ
38	KM2 8 w.r.t KF3 18	+28V RTN of SPS chain2 & +28V5 RTN	>100MΩ	>100MΩ	>100MΩ
39	KM2 8 w.r.t KF3 26	+28V RTN of SPS chain2 & ±15V6 RTN	>100MΩ	>100MΩ	>100MΩ
40	KM3 6 w.r.t KF1 18	+28V RTN of SPS chain3 & +28V1 RTN	>100MΩ	>100MΩ	>100MΩ
41	KM3 6 w.r.t KF1 26	+28V RTN of SPS chain3 & ±15V2 RTN	>100MΩ	>100MΩ	>100MΩ
42	KM3 6 w.r.t KF2 18	+28V RTN of SPS chain3 & +28V3 RTN	>100MΩ	>100MΩ	>100MΩ
43	KM3 6 w.r.t KF2 26	+28V RTN of SPS chain3 & ±15V4 RTN	>100MΩ	>100MΩ	>100MΩ
44	KM3 6 w.r.t KF3 18	+28V RTN of SPS chain3 & +28V5 RTN	>100MΩ	>100MΩ	>100MΩ
45	KM3 6 w.r.t KF3 26	+28V RTN of SPS chain3 & ±15V6 RTN	>100MΩ	>100MΩ	>100MΩ
46	KM3 8 w.r.t KF1 18	+28V RTN of SPS chain3 & +28V1 RTN	>100MΩ	>100MΩ	>100MΩ
47	KM3 8 w.r.t KF1 26	+28V RTN of SPS chain3 & ±15V2 RTN	>100MΩ	>100MΩ	>100MΩ
48	KM3 8 w.r.t KF2 18	+28V RTN of SPS chain3 & +28V3 RTN	>100MΩ	>100MΩ	>100MΩ
49	KM3 8 w.r.t KF2 26	+28V RTN of SPS chain3 & ±15V4 RTN	>100MΩ	>100MΩ	>100MΩ
50	KM3 8 w.r.t KF3 18	+28V RTN of SPS chain3 & +28V5 RTN	>100MΩ	>100MΩ	>100MΩ
51	KM3 8 w.r.t KF3 26	+28V RTN of SPS chain3 & ±15V6 RTN	>100MΩ	>100MΩ	>100MΩ
52	KF1 18 w.r.t KF1 26	+28V1 RTN & ±15V2 RTN	>100MΩ	>100MΩ	>100MΩ
53	KF1 18 w.r.t KF2 18	+28V1 RTN & +28V3 RTN	>100MΩ	>100MΩ	>100MΩ
54	KF1 18 w.r.t KF2 26	+28V1 RTN & ±15V4 RTN	>100MΩ	>100MΩ	>100MΩ
55	KF1 18 w.r.t KF3 18	+28V1 RTN & +28V5 RTN	>100MΩ	>100MΩ	>100MΩ
56	KF1 18 w.r.t KF3 26	+28V1 RTN & ±15V6 RTN	>100MΩ	>100MΩ	>100MΩ
57	KF1 26 w.r.t KF2 18	±15V2 RTN & +28V3 RTN	>100MΩ	>100MΩ	>100MΩ
58	KF1 26 w.r.t KF2 26	±15V2 RTN & ±15V4 RTN	>100MΩ	>100MΩ	>100MΩ
59	KF1 26 w.r.t KF3 18	±15V2 RTN & +28V5 RTN	>100MΩ	>100MΩ	>100MΩ
60	KF1 26 w.r.t KF3 26	±15V2 RTN & ±15V6 RTN	>100MΩ	>100MΩ	>100MΩ
61	KF2 18 w.r.t KF2 26	+28V3 RTN & ±15V4 RTN	>100MΩ	>100MΩ	>100MΩ
62	KF2 18 w.r.t KF3 18	+28V3 RTN & +28V5 RTN	>100MΩ	>100MΩ	>100MΩ
63	KF2 18 w.r.t KF3 26	+28V3 RTN & ±15V6 RTN	>100MΩ	>100MΩ	>100MΩ
64	KF2 26 w.r.t KF3 18	+28V3 RTN & +28V5 RTN	>100MΩ	>100MΩ	>100MΩ
65	KF2 26 w.r.t KF3 26	+28V3 RTN & ±15V6 RTN	>100MΩ	>100MΩ	>100MΩ
66	KF3 18 w.r.t KF3 26	+28V5 RTN & ±15V6 RTN	>100MΩ	>100MΩ	>100MΩ
67	KM1 6 w.r.t KM1 5	+28V RTN of SPS chain1 & Chassis	>100MΩ	>100MΩ	>100MΩ
68	KM1 8 w.r.t KM1 5	+28V RTN of SPS chain1 & Chassis	>100MΩ	>100MΩ	>100MΩ
69	KM2 6 w.r.t KM2 5	+28V RTN of SPS chain2 & Chassis	>100MΩ	>100MΩ	>100MΩ
70	KM2 8 w.r.t KM2 5	+28V RTN of SPS chain2 & Chassis	>100MΩ	>100MΩ	>100MΩ
71	KM3 6 w.r.t KM3 5	+28V RTN of SPS chain3 & Chassis	>100MΩ	>100MΩ	>100MΩ
72	KM3 8 w.r.t KM3 5	+28V RTN of SPS chain3 & Chassis	>100MΩ	>100MΩ	>100MΩ
73	KF1.18 & KF1.50	28V1 Return w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
74	KF1.26 & KF1.50	±15V2 Return w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
75	KF2.18 & KF2.50	28V3 Return w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
76	KF2.26 & KF2.50	±15V4 Return w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
77	KF3.18 & KF3.50	28V5 Return w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
78	KF3.26 & KF3.50	±15V6 Return w.r.t. Chassis	>100MΩ	>100MΩ	>100MΩ
79	KM1 1 w.r.t KM1 3	+28V Live SPS chain1 & +28V Live PSC chain1	>100MΩ	>100MΩ	>100MΩ
80	KM1 1 w.r.t KM2 1	+28V Live SPS chain1 & +28V Live SPS chain2	>100MΩ	>100MΩ	>100MΩ
81	KM1 1 w.r.t KM2 3	+28V Live SPS chain1 & +28V Live PSC chain2	>100MΩ	>100MΩ	>100MΩ
82	KM1 1 w.r.t KM3 1	+28V Live SPS chain1 & +28V Live SPS chain3	>100MΩ	>100MΩ	>100MΩ
83	KM1 1 w.r.t KM3 3	+28V Live SPS chain1 & +28V Live PSC chain3	>100MΩ	>100MΩ	>100MΩ



137	KM3 1 w.r.t KF3 9	+28V Live SPS chain3 & +15V6 Live	>100MΩ	>100MΩ	>100MΩ
138	KM3 1 w.r.t KF3 13	+28V Live SPS chain3 & -15V4 Live	>100MΩ	>100MΩ	>100MΩ
139	KM3 3 w.r.t KF1 1	+28V Live PSC chain3 & +28V1 Live	>100MΩ	>100MΩ	>100MΩ
140	KM3 3 w.r.t KF1 9	+28V Live PSC chain3 & -15V2 Live	>100MΩ	>100MΩ	>100MΩ
141	KM3 3 w.r.t KF1 13	+28V Live PSC chain3 & -15V2 Live	>100MΩ	>100MΩ	>100MΩ
142	KM3 3 w.r.t KF2 1	+28V Live PSC chain3 & +28V3 Live	>100MΩ	>100MΩ	>100MΩ
143	KM3 3 w.r.t KF2 9	+28V Live PSC chain3 & -15V4 Live	>100MΩ	>100MΩ	>100MΩ
144	KM3 3w.r.t KF2 13	+28V Live PSC chain3 & -15V4 Live	>100MΩ	>100MΩ	>100MΩ
145	KM3 3 w.r.t KF3 1	+28V Live PSC chain3 & +28V5 Live	>100MΩ	>100MΩ	>100MΩ
146	KM3 3 w.r.t KF3 9	+28V Live PSC chain3 & -15V6 Live	>100MΩ	>100MΩ	>100MΩ
147	KM3 3 w.r.t KF3 13	+28V Live PSC chain3 & -15V6 Live	>100MΩ	>100MΩ	>100MΩ
148	KF1 1 w.r.t KF1 9	+28V1 Live & +15V2 Live	>100MΩ	>100MΩ	>100MΩ
149	KF1 1 w.r.t KF1 13	+28V1 Live & -15V2 Live	>100MΩ	>100MΩ	>100MΩ
150	KF1 1 w.r.t KF2 1	+28V1 Live & +28V3 Live	>100MΩ	>100MΩ	>100MΩ
151	KF1 1 w.r.t KF2 9	+28V1 Live & +15V4 Live	>100MΩ	>100MΩ	>100MΩ
152	KF1 1w.r.t KF2 13	+28V1 Live & -15V4 Live	>100MΩ	>100MΩ	>100MΩ
153	KF1 1 w.r.t KF3 1	+28V1 Live & +28V5 Live	>100MΩ	>100MΩ	>100MΩ
154	KF1 1 w.r.t KF3 9	+28V1 Live & +15V6 Live	>100MΩ	>100MΩ	>100MΩ
155	KF1 1 w.r.t KF3 13	+28V1 Live & -15V6 Live	>100MΩ	>100MΩ	>100MΩ
156	KF1 9 w.r.t KF2 1	+15V2 Live & +28V3 Live	>100MΩ	>100MΩ	>100MΩ
157	KF1 9 w.r.t KF2 9	+15V2 Live & +15V4 Live	>100MΩ	>100MΩ	>100MΩ
158	KF1 9w.r.t KF2 13	+15V2 Live & -15V4 Live	>100MΩ	>100MΩ	>100MΩ
159	KF1 9 w.r.t KF3 1	+15V2 Live & +28V5 Live	>100MΩ	>100MΩ	>100MΩ
160	KF1 9 w.r.t KF3 9	+15V2 Live & +15V6 Live	>100MΩ	>100MΩ	>100MΩ
161	KF1 9 w.r.t KF3 13	+15V2 Live & -15V6 Live	>100MΩ	>100MΩ	>100MΩ
162	KF1 13 w.r.t KF2 1	-15V2 Live & +28V3 Live	>100MΩ	>100MΩ	>100MΩ
163	KF1 13 w.r.t KF2 9	-15V2 Live & +15V4 Live	>100MΩ	>100MΩ	>100MΩ
164	KF1 13 w.r.t KF2 13	-15V2 Live & -15V4 Live	>100MΩ	>100MΩ	>100MΩ
165	KF1 13 w.r.t KF3 1	-15V2 Live & +28V5 Live	>100MΩ	>100MΩ	>100MΩ
166	KF1 13 w.r.t KF3 9	-15V2 Live & +15V6 Live	>100MΩ	>100MΩ	>100MΩ
167	KF1 13 w.r.t KF3 13	-15V2 Live & -15V6 Live	>100MΩ	>100MΩ	>100MΩ
168	KF2 1 w.r.t KF2 9	+28V3 Live & +15V4 Live	>100MΩ	>100MΩ	>100MΩ
169	KF2 1 w.r.t KF2 13	+28V3 Live & -15V4 Live	>100MΩ	>100MΩ	>100MΩ
170	KF2 1 w.r.t KF3 1	+28V3 Live & +28V5 Live	>100MΩ	>100MΩ	>100MΩ
171	KF2 1 w.r.t KF3 9	+28V3 Live & +15V6 Live	>100MΩ	>100MΩ	>100MΩ
172	KF2 1 w.r.t KF3 13	+28V3 Live & -15V6 Live	>100MΩ	>100MΩ	>100MΩ
173	KF2 9 w.r.t KF3 1	+15V4 Live & +28V5 Live	>100MΩ	>100MΩ	>100MΩ
174	KF2 9 w.r.t KF3 9	+15V4 Live & +15V6 Live	>100MΩ	>100MΩ	>100MΩ
175	KF2 9 w.r.t KF3 13	+15V4 Live & -15V6 Live	>100MΩ	>100MΩ	>100MΩ
176	KF2 13 w.r.t KF3 1	-15V4 Live & +28V5 Live	>100MΩ	>100MΩ	>100MΩ
177	KF2 13 w.r.t KF3 9	-15V4 Live & +15V6 Live	>100MΩ	>100MΩ	>100MΩ
178	KF2 13 w.r.t KF3 13	-15V4 Live & -15V6 Live	>100MΩ	>100MΩ	>100MΩ
179	KF3 1 w.r.t KF3 9	+28V5 Live & +15V6 Live	>100MΩ	>100MΩ	>100MΩ
180	KF3 1 w.r.t KF3 13	+28V5 Live & -15V6 Live	>100MΩ	>100MΩ	>100MΩ
181	KM1 1 w.r.t KM1 5	+28V Live SPS chain1 & Chassis	>100MΩ	>100MΩ	>100MΩ
182	KM1 3 w.r.t KM1 5	+28V Live PSC chain1 & Chassis	>100MΩ	>100MΩ	>100MΩ
183	KM2 1 w.r.t KM1 5	+28V Live SPS chain2 & Chassis	>100MΩ	>100MΩ	>100MΩ
184	KM2 3 w.r.t KM1 5	+28V Live PSC chain2 & Chassis	>100MΩ	>100MΩ	>100MΩ
185	KM3 1 w.r.t KM1 5	+28V Live SPS chain3 & Chassis	>100MΩ	>100MΩ	>100MΩ
186	KM3 3 w.r.t KM1 5	+28V Live PSC chain3 & Chassis	>100MΩ	>100MΩ	>100MΩ
187	KF1 1 w.r.t KF1 50	+28V1 Live & Chassis	>100MΩ	>100MΩ	>100MΩ
188	KF1 9 w.r.t KF1 50	+15V2 Live & Chassis	>100MΩ	>100MΩ	>100MΩ



189	KF1 13 w.r.t KF1 50	-15V2 Live & Chassis	>100MΩ	>100MΩ	>100MΩ
190	KF2 1 w.r.t KF1 50	+28V3 Live & Chassis	>100MΩ	>100MΩ	>100MΩ
191	KF2 9 w.r.t KF1 50	+15V4 Live & Chassis	>100MΩ	>100MΩ	>100MΩ
192	KF2 13 w.r.t KF1 50	-15V4 Live & Chassis	>100MΩ	>100MΩ	>100MΩ
193	KF3 1 w.r.t KF1 50	+28V5 Live & Chassis	>100MΩ	>100MΩ	>100MΩ
194	KF3 9 w.r.t KF1 50	+15V6 Live & Chassis	>100MΩ	>100MΩ	>100MΩ
195	KF3 13 w.r.t KF1 50	-15V6 Live & Chassis	>100MΩ	>100MΩ	>100MΩ
196	All pins w.r.t chassis (except KM1 5, KF1 50, KM2 5, KF2 50, KM3 5, KF3 50)		>100MΩ	>100MΩ	>100MΩ
197	All connector mounting post w.r.t chassis		<100mΩ	<100mΩ	<100mΩ

## List of Connectors in the package

### 1. KM1, KM2 and KM3=9M

### COIL RESISTANCE

### 2. KF1, KF2, KF3=50F

### RCS CARD

SI No	Description	Spec	Results	
			ISRC	FSRC
1	TMR1-6 w.r.to TMR1-4	900Ω±90Ω	920.682Ω	923.478Ω
2	TMR2-6 w.r.to TMR2-4	900Ω±90Ω	924.852Ω	927.908Ω
3	TMR3-6 w.r.to TMR3-4	900Ω±90Ω	913.551Ω	916.259Ω
4	TMR1-6 w.r.to TMR1-3	900Ω±90Ω	899.302Ω	902.100Ω
5	TMR2-6 w.r.to TMR2-3	900Ω±90Ω	912.234Ω	915.073Ω
6	TMR3-6 w.r.to TMR3-3	900Ω±90Ω	941.275Ω	944.370Ω
7	TMR1-6 w.r.to TMR1-2	900Ω±90Ω	907.488Ω	910.282Ω
8	TMR2-6 w.r.to TMR2-2	900Ω±90Ω	917.339Ω	920.337Ω
9	TMR3-6 w.r.to TMR3-2	900Ω±90Ω	914.108Ω	917.035Ω
10	TMR1-6 w.r.to TMR1-1	900Ω±90Ω	907.473Ω	910.008Ω
11	TMR2-6 w.r.to TMR2-1	900Ω±90Ω	914.516Ω	917.167Ω
12	TMR3-6 w.r.to TMR3-1	900Ω±90Ω	919.044Ω	921.714Ω
13	TMR1-6 w.r.to TMR1-15	900Ω±90Ω	917.544Ω	920.319Ω
14	TMR2-6 w.r.to TMR2-15	900Ω±90Ω	913.065Ω	915.992Ω
15	TMR3-6 w.r.to TMR3-15	900Ω±90Ω	913.852Ω	916.610Ω
16	TMR1-6 w.r.to TMR1-14	900Ω±90Ω	912.943Ω	915.825Ω
17	TMR2-6 w.r.to TMR2-14	900Ω±90Ω	926.694Ω	929.625Ω
18	TMR3-6 w.r.to TMR3-14	900Ω±90Ω	932.553Ω	935.477Ω
19	TMR1-6 w.r.to TMR1-13	900Ω±90Ω	914.580Ω	917.573Ω
20	TMR2-6 w.r.to TMR2-13	900Ω±90Ω	922.245Ω	925.317Ω
21	TMR3-6 w.r.to TMR3-13	900Ω±90Ω	909.592Ω	912.630Ω
22	TMR1-6 w.r.to TMR1-12	900Ω±90Ω	908.167Ω	911.096Ω
23	TMR2-6 w.r.to TMR2-12	900Ω±90Ω	912.520Ω	915.590Ω
24	TMR3-6 w.r.to TMR3-12	900Ω±90Ω	915.310Ω	918.319Ω
25	TMR1-6 w.r.to TMR1-11	900Ω±90Ω	942.379Ω	945.322Ω
26	TMR2-6 w.r.to TMR2-11	900Ω±90Ω	930.395Ω	933.514Ω
27	TMR3-6 w.r.to TMR3-11	900Ω±90Ω	912.469Ω	915.496Ω