LIGO E1200074-v1

D1000181 TEST DATA

CHASSIS SERIAL NUMBER	CH1 PCB SERIAL NUMBER	CH2 PCB SERIAL NUMBER	FRONT & REAR LEDS ON	+24V CURRENT	-24 CURRENT	+17V CURRENT	-17V CURRENT	+15V VOLTAGE	-15V VOLTAGE	+VREF VOLTAGE	-VREF VOLTAGE	+5 VOLTAGE	OK VOLTAGE	+17 AMP PCB 1	-17AMP PCB 1	+17 AMP PCB 2	-17AMP PCB 2	NOISE CHECK +15V NOISE	NOISE CHECK -15V NOISE	+VREF NOISE	-VREF NOISE	DC OFFSETS CH1 I	DC OFFSETS CH1 Q	CH2 I	CH2 Q
S1000771	S1100632	S1100634	YES	0.02	0.01	0.47	0.17	15	-15.01	10.01	-10	5.04	3.58	0.26	0.10	0.25	0.10	18.1	17.1	14.8	19.1	-0.002	0.002	0.000	0.000
S1000772	S1100600	S1100622	YES	0.02	0.01	0.46	0.17	15	-15	10	-10	5.06	3.56	0.25	0.10	0.25	0.10	12	28	9.5	18	0.000	0.000	-0.002	0.000
S1000773	S1100601	S1100617	YES	0.02	0.01	0.45	0.17	15	-15	10	-10	5.06	3.62	0.25	0.10	0.25	0.10	20	21	11	12	0.000	0.001	-0.001	0.001
S1000774	S1100612	S1100625	YES	0.02	0.01	0.46	0.17	15	-15	10	-10	5.06	3.62	0.25	0.10	0.25	0.10	56	18	10	19	-0.003	0.000	-0.001	0.000
S1000775	S1100602	S1100609	YES	0.02	0.01	0.54	0.25	15	-15	10	-10	5.06	3.62	0.25	0.10	0.25	0.10	10	16	10	11	0.000	0.000	0.000	0.002
S1000776	S1100603	S1100614	YES	0.02	0.01	0.46	0.17	15	-15	10	-10	5.06	3.62	0.25	0.10	0.25	0.10	12	17	11	14	0.000	0.001	0.000	0.000
S1000777	S1100613	S1100206	YES	0.02	0.01	0.47	0.17	15	-15	10	-10	5.06	3.62	0.25	0.10	0.25	0.10	13	12	13	18	0.000	0.002	0.001	0.001
S1000778	S1100616	S1100620	YES	0.02	0.01	0.46	0.17	15	-15	10	-10	5.06	3.62	0.25	0.10	0.25	0.10	10	14	9	18	0.000	0.000	0.001	0.000
S1000779	S1100615	S1100621	YES	0.02	0.01	0.46	0.17	15	-15	10	-10	5.06	3.62	0.25	0.10	0.25	0.10	12	13	11	17	0.000	0.000	0.003	0.000
S1000780	S1100607	S1100626	YES	0.02	0.01	0.46	0.17	15	-15	10	-10	5.06	3.62	0.25	0.10	0.25	0.10	11	15	8	15	0.000	-1	0.000	0.000
S1000781	S1100633	S1100627	YES	0.02	0.01	0.46	0.17	15	-15	10	-10	5.06	3.62	0.25	0.10	0.25	0.10	12	13	6	12	-1	0.002	0.000	0.002
S1000782	S1100631	S1100606	YES	0.02	0.01	0.46	0.17	15	-15	10	-10	5.06	3.62	0.25	0.10	0.25	0.10	13	14	9	13	0.000	0.001	0.001	0.001
S1000783	S1100605	S1100611	YES	0.02	0.01	0.46	0.17	15	-15	10	-10	5.06	3.62	0.25	0.10	0.25	0.10	10	12	10	14	0.000	0.000	0.001	0.002
S1000784	S1100604	S1100623	YES	0.02	0.01	0.46	0.17	15	-15	10	-10	5.06	3.62	0.25	0.10	0.25	0.10	12	10	11	15	0.000	0.000	0.001	0.000
S1000785	S1100618	S1100619	YES	0.02	0.01	0.46	0.17	15	-15	10	-10	5.06	3.62	0.25	0.10	0.25	0.10	14	15	13	16	0.000	0.001	0.000	0.003
S1000786	S1100608	S1100628	YES	0.02	0.01	0.46	0.16	15	-15	10	-10	5.06	3.62	0.25	0.10	0.25	0.10	12	13	15	12	0.000	0.001	0.000	0.000
S1000787	S110624	S1100629	YES	0.02	0.01	0.46	0.16	15	-15	10	-10	5.06	3.62	0.25	0.10	0.25	0.10	13	14	11	14	0.000	0.002	0.000	0.000
S1000788	S1100630	S1100610	YES	0.02	0.01	0.46	0.16	15	-15	10	-10	5.06	3.62	0.25	0.10	0.25	0.10	12	13	12	15	0.000	0.000	0.001	0.001
S1000789																									
S1000790																									

CHASSIS	INSERTION LOSS						LEVEL DETECTOR RESPONSE																
SERIAL	CH1 LOSS	CH1 LOSS	CH1 LOSS	CH2 LOSS	CH2 LOSS	CH2 LOSS	CH1	CH1	CH2	CH2	CH1	CH1	CH2	CH2	CH1	CH1	CH2	CH2	CH1	CH1	CH2	CH2
NUMBER	9MHZ	45MHZ	100MHZ	9MHZ	45MHZ	100MHZ	-20 DB LO	-20 DB RF	-20 DB LO	-20 DB RF	-10 DB LO	-10 DB RF	-10 DB LO	-10 DB RF	0 DB LO	0 DB RF	0 DB LO	0 DB RF	10 DB LO	10 DB RF	10 DB LO	10 DB RF
S1000771	23.21	23.38	23.53	23.17	23.37	23.51	3.92	3.12	3.98	3.11	4.58	3.71	4.58	3.71	5.18	4.33	5.18	4.32	5.78	4.93	5.78	4.92
S1000772	23.38	23.68	24.22	23.17	23.69	24.21	3.98	3.11	3.98	3.1	4.58	3.71	4.59	3.7	5.18	4.32	5.19	4.31	5.78	4.92	5.79	4.92
S1000773	23.45	23.67	24.20	23.38	23.62	24.23	3.98	3.1	3.99	3.1	4.58	3.7	4.59	3.7	5.19	4.31	5.19	4.32	5.78	4.92	5.78	4.92
S1000774	23.41	23.67	24.21	23.36	23.63	24.12	3.97	3.1	3.99	3.1	4.58	3.7	4.59	3.7	5.18	4.3	5.18	4.33	5.78	4.91	5.78	4.93
S1000775	23.14	23.44	24.84	23.37	23.61	24.94	3.93	3.0	3.99	3.1	4.53	3.7	4.59	3.7	5.17	4.31	5.19	4.3	5.77	4.92	5.78	4.92
S1000776	23.32	23.74	23.97	23.61	23.4	22.98	3.97	3.1	3.97	3.11	4.58	3.7	4.57	3.72	5.17	4.32	5.17	4.33	5.78	4.92	5.77	4.93
S1000777	23.46	23.65	24.24	23.43	23.59	24.19	4.00	3.1	3.97	3.11	4.59	3.7	4.58	3.71	5.18	4.34	5.17	4.33	5.77	4.93	5.77	4.93
S1000778	23.32	23.74	24.00	23.07	23.51	23.76	3.98	3.1	3.98	3.10	4.58	3.7	4.59	3.71	5.18	4.32	5.18	4.32	5.78	4.92	5.79	4.93
S1000779	23.66	23.85	24.43	23.70	23.88	24.5	3.96	3.10	3.97	3.10	4.55	3.70	4.57	3.71	5.15	4.31	5.17	4.32	5.75	4.91	5.77	4.92
S1000780	23.28	23.44	24.07	23.45	23.63	24.06	3.98	3.1	3.99	3.10	4.58	3.7	4.59	3.70	5.17	4.33	5.19	4.32	5.77	4.93	5.79	4.92
S1000781	23.42	23.47	24.13	23.41	23.59	24.10	3.96	3.09	3.98	3.10	4.57	3.7	4.58	3.70	5.17	4.32	5.17	4.31	5.77	4.92	5.78	4.91
S1000782	23.40	23.57	24.14	23.42	23.59	24.2	3.97	3.10	3.97	3.09	4.57	3.7	4.57	3.70	5.17	4.32	5.17	4.31	5.77	4.92	5.77	4.91
S1000783	23.38	23.70	24.18	23.40	23.60	24.18	3.97	3.10	3.97	3.11	4.58	3.69	4.58	3.71	5.17	4.31	5.17	4.32	5.78	4.91	5.77	4.92
S1000784	23.45	23.61	24.30	23.44	23.59	24.18	3.69	3.11	3.97	3.09	4.56	3.71	4.58	3.69	5.16	4.33	5.17	4.31	5.76	4.92	5.77	4.91
S1000785	23.41	23.55	24.17	23.40	23.54	24.18	3.98	3.09	3.99	3.10	4.58	3.70	4.58	3.71	5.18	4.30	5.18	4.31	5.79	4.91	5.78	4.92
S1000786	23.38	23.58	24.15	23.44	23.61	24.23	3.97	3.12	3.99	3.09	4.57	3.70	4.58	3.70	5.17	4.32	5.19	4.32	5.77	4.93	5.77	4.91
S1000787	23.38	23.52	24.17	23.38	23.52	24.18	3.96	3.09	3.96	3.11	4.57	3.70	4.57	3.71	5.17	4.31	5.17	4.33	5.77	4.92	5.77	4.92
S1000788	23.47	23.55	21.17	23.40	23.57	24.14	3.98	3.11	3.97	3.10	4.58	3.71	4.57	3.70	5.17	4.33	5.17	4.32	5.77	4.92	5.77	4.92
S1000789																						
S1000790																						

CHASSIS	BEAT NOTE		45.0001 MHZ		BEAT NOTE		45.001 MHZ		BEAT NOTE		45.01 MHZ		BEAT NOTE		45.1 MHZ	
SERIAL	CH1	CH1	CH2	CH2	CH1	CH1	CH2	CH2	CH1	CH1	CH2	CH2	CH1	CH1	CH2	CH2
NUMBER	I	Q	I	Q	I	Q	I	Q	I	Q	I	Q	I	Q	I	Q
S1000771	3.4	3.5	3.5	3.4	2.68	3.60	2.64	2.61	1.23	1.3	3.1	3.0	3.46	3.46	3.45	3.45
S1000772	3.4	3.45	3.47	3.38	2.1	2.0	2.17	2.13	2.8	2.8	3.12	3.15	3.55	3.55	3.51	3.56
S1000773	3.37	3.49	3.1	3.22	3.1	3.2	3.32	3.4	3.2	3.14	3.45	3.5	3.52	3.52	3.2	3.5
S1000774	3.5	3.4	3.2	3.4	3.5	3.5	3.4	3.4	3.3	2.6	3.4	3.5	3.3	3.3	3.3	3.2
S1000775	3.42	3.5	3.2	3.5	3.1	2.2	3.3	3.3	3.5	3.5	3.5	3.5	3.4	3.4	3.1	3.4
S1000776	3.4	3.4	3.3	3.4	3.5	3.3	3.3	3.5	3.3	3.2	3.4	3.5	3.3	3.3	3.3	3.3
S1000777	3.0	2.5	3.4	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.0	3.2	3.5	3.5	3.5	3.3
S1000778	3.4	3.5	3.38	3.15	3.45	3.45	3.5	3.5	3.5	3.53	3.5	3.5	3.53	3.53	3.5	3.5
S1000779	3.1	3.2	3.1	2.99	3.5	3.5	3.51	3.54	3.5	3.5	3.52	3.54	3.3	3.3	3.4	3.5
S1000780	1.7	3.47	3.06	3.33	1.44	1.4	3.44	3.47	0.989	1.04	1.03	1.04	3.52	3.52	3.5	3.52
S1000781	2.7	2.53	3.37	3.50	3.37	3.5	3.52	3.53	3.54	3.54	3.5	3.5	3.54	3.54	3.52	3.53
S1000782	3.3	3.32	3.42	3.51	3.42	3.51	3.49	3.32	3.34	3.36	3.52	3.45	3.48	3.48	3.46	3.49
S1000783	3.5	3.5	3.54	3.29	3.3	3.3	3.56	3.25	3.4	3.4	3.42	3.98	3.96	3.33	3.32	3.51
S1000784	2.3	3.16	2.8	2.53	3.31	3.45	3.45	3.47	3.41	3.42	3.53	3.46	3.58	3.42	3.53	3.53
S1000785	2.3	3.26	2.9	3.1	3.41	3.55	3.67	3.55	3.71	3.42	3.50	3.58	3.46	3.33	3.31	3.44
S1000786	3.1	3.04	2.86	2.76	3.51	3.39	3.23	3.05	3.52	3.53	2.85	3.49	3.53	3.53	3.49	3.50
S1000787	3.43	3.39	3.85	3.34	3.5	3.49	3.54	3.52	3.52	3.52	3.34	2.24	3.42	3.42	3.54	3.50
S1000788	2.15	2.29	3.26	2.89	2.09	3.24	3.55	3.55	3.5	3.46	3.55	3.32	3.51	3.51	3.42	3.52
S1000789																
S1000790																

CHASSIS	CH1 IQ BALANCE								CH2 IQ BALANCE								CH1 IF NOISE				CH2 IF NOISE				IF BANDWIDTH			
SERIAL NUMBER	CH1 AMP 9MHZ	CH1 PH 9MHZ	CH1 AMP 36MHZ	CH1 PH 36MHZ	CH1 AMP 45MHZ	CH1 PH 45MHZ	CH1 AMP 90MHZ	CH1 PH 90MHZ	CH2 AMP 9MHZ	CH2 PH 9MHZ	CH2 AMP 36MHZ	CH2 PH 36MHZ	CH2 AMP 45MHZ	CH2 PH 45MHZ	CH2 AMP 90MHZ	CH2 PH 90MHZ	CH1 I 100HZ	CH1 Q 100HZ	CH1 I 1KHZ	CH1 Q 1KHZ	CH2 I 100HZ	CH2 Q 100HZ	CH2 I 1KHZ	CH2 Q 1KHZ	CH1 I	CH1 Q	CH2 I	CH2 Q
S1000771	1.97	88.7	0.777	90	0.75	89	0.59	89	2.03	89	0.72	91	0.848	91	0.560	90	-151.2	-149	-131	-130	-151	-150	-131	-130	1.01M	1.01M	1.010M	1.001M
S1000772	2.28	87.1	2	90.3	1.7	90.4	0.400	90	2.3	87.3	2	87.4	1.7	89	1.6	87	-135	-134	-138	-136	-138	-138	-138	-140	1.01M	1.01M	1.01M	1.01M
S1000773	0.815	89	1.1	62.4	1.1	92.6	1.2	92	1.1	89.8	1.1	89.8	0.776	89	1.29	91.6	-148.5	-150.1	-150	-150	-149	-150	-150	-151	1.01M	1.01M	1.001M	1.003M
S1000774	1.9	88	1.9	92	1.7	92.1	1.2	92	1.1	87.7	1.5	91	1.6	91	1.1	90	-132	-151	-151	-153	-150	-141	-137	-144	1.01M	1.001M	1.001M	1.001M
S1000775	2.2	89	1.8	92.4	1.2	92.5	1.0	92.6	2.2	89.4	1.8	91.9	1.9	91.7	1.0	90.2	-150	-151	-150	-150	-148	-148	-152	-150	101M	1.01M	1.01M	1.01M
S1000776	1.6	87.9	1.6	89	1.6	89.8	1.0	89.2	1.5	87.7	1.5	89	1.6	89.5	1.2	88	-131	-151	-152	-151	-151	-153	-149	-149	101M	1.01M	1.01M	1.01M
S1000777	1.7	89.2	1.7	91.9	1.6	91.7	1.0	89.5	2.1	89.1	1.7	91.7	1.6	91.6	1.5	90.1	-132	-145	-153	-153	-130	-151	-145	-139	1.01M	1.01M	1.01M	1.013M
S1000778	2.1	88.7	1.5	92.2	1.1	92.4	1.3	93.4	1.5	91.2	1.9	92.1	1.8	92.1	1.5	91.2	-132	-150	-151	-151	-149	-151	-132	-150	1.01M	1.01M	1.01M	1.01M
S1000779	2.1	88.4	1.5	92.4	1.5	92.5	1.0	93	1	88.8	1.0	91.9	1.6	92.7	1.0	91.7	-155	-152	-152	-152	-148	-151	-152	-152	1.01M	1.01M	1.0M	1.01M
S1000780	2.2	92.6	1.9	91.4	1.19	91.5	1.5	90.9	1.2	90.7	1	90.8	1.1	90.9	1.06	97.9	-137	-136	-139	-137	-137	-138	-138	-150	941	968	900	911
S1000781	1.5	88.6	1.4	91.3	1.44	91.2	1.1	91	1.8	88.8	1.4	91.5	1.49	91.5	1.37	91.9	-133	-132	-152	-155	-151	-149	-150	-151	907	897	927	914
S1000782	2	89.32	1.7	92.0	1.1	91.9	1.1	91.6	1.3	88.7	1.85	91.3	1.87	91.2	1.3	90.8	-132	-152	-153	-143	-147	-132	-150	-152	920	940	906	900
S1000783	1.9	89.9	1.9	92.2	1.5	90.2	1.3	91.6	1.4	89.9	1.55	92.91	1.23	90.5	1.45	91.5	-154	-152	-153	-151	-153	-145	-150	-152	940	920	930	910
S1000784	2.1	100.1	1.5	97.2	1.85	92	1.9	920	2.5	88.6	2.5	91.5	2.7	91.7	2	92.2	-151	-151	-152	-152	-151	-151	-152	-152	999	102M	1.005M	101M
S1000785	1.8	89	1.5	92	1.5	91	1.0	91	1	90	1.7	91	1.5	9.1	1.0	88.9	-134	-134	-141	-139	-134	-130	-138	-140	950	940	970	955
S1000786	2.32	87.3	2	89.8	1.9	89.6	1.47	87.8	2.1	87.4	2.0	90.4	1.5	90.4	1.45	89.7	-130	-148	-152	-152	-152	-150	-153	-153	945	960	940	990
S1000787	2.1	89	1.8	92.3	1.5	92.1	1.2	89.9	2.1	89	1.66	92.1	1.2	92.1	1.45	91.4	-132	-149	-132	-152	-133	-150	-150	-151	1.03M	990	1.03M	995
S1000788	1.6	86.7	1.92	90.2	1.6	90.8	1.5	101.5	1.5	86.9	1.55	89.3	1.73	89	1.1	87.5	-143	-151	-151	-152	-152	-140	-152	-150	990	995	1.01M	995
S1000789																												
S1000790																												