

channel #	response to 10 kel calibration input				thresholds set (V)			
	QWAD01	QWAD02	QWAD03	QWAD04	QWAD01	QWAD02	QWAD03	QWAD04
1	-0.112	-0.114	-0.113	-0.114	-0.039	-0.040	-0.040	-0.040
2	-0.108	-0.101	-0.108	-0.108	-0.038	-0.035	-0.038	-0.038
3	-0.098	-0.104	-0.103	-0.105	-0.034	-0.036	-0.036	-0.037
4	-0.101	-0.102	-0.100	-0.098	-0.035	-0.036	-0.035	-0.034
5	-0.092	-0.093	-0.092	-0.093	-0.032	-0.033	-0.032	-0.032
6	-0.090	-0.096	-0.090	-0.095	-0.032	-0.034	-0.031	-0.033
7	-0.115	-0.115	-0.121	-0.117	-0.040	-0.040	-0.042	-0.041
8	-0.112	-0.114	-0.116	-0.115	-0.039	-0.040	-0.041	-0.040
9	-0.104	-0.108	-0.109	-0.109	-0.036	-0.038	-0.038	-0.038
10	-0.109	-0.107	-0.107	-0.105	-0.038	-0.037	-0.037	-0.037
11	-0.100	-0.098	-0.097	-0.100	-0.035	-0.034	-0.034	-0.035
12	-0.091	-0.096	-0.096	-0.094	-0.032	-0.034	-0.034	-0.033
13	-0.123	-0.123	-0.124	-0.120	-0.043	-0.043	-0.043	-0.042
14	-0.121	-0.118	-0.124	-0.119	-0.042	-0.041	-0.043	-0.042
15	-0.111	-0.112	-0.111	-0.111	-0.039	-0.039	-0.039	-0.039
16	-0.112	-0.108	-0.112	-0.107	-0.039	-0.038	-0.039	-0.037
17	-0.103	-0.104	-0.103	-0.097	-0.036	-0.036	-0.036	-0.034
18	-0.096	-0.101	-0.099	-0.098	-0.034	-0.035	-0.035	-0.034
19	-0.130	-0.128	-0.129	-0.128	-0.046	-0.045	-0.045	-0.045
20	-0.123	-0.127	-0.131	-0.126	-0.043	-0.045	-0.046	-0.044
21	-0.112	-0.111	-0.112	-0.112	-0.039	-0.039	-0.039	-0.039
22	-0.112	-0.112	-0.114	-0.113	-0.039	-0.039	-0.040	-0.040
23	-0.101	-0.105	-0.105	-0.105	-0.035	-0.037	-0.037	-0.037
24	-0.100	-0.102	-0.102	-0.098	-0.035	-0.036	-0.036	-0.034
25	-0.121	-0.128	-0.127	-0.129	-0.042	-0.045	-0.044	-0.045
26	-0.124	-0.124	-0.123	-0.120	-0.043	-0.043	-0.043	-0.042
27	-0.100	-0.112	-0.114	-0.113	-0.035	-0.039	-0.040	-0.039
28	-0.104	-0.111	-0.108	-0.112	-0.036	-0.039	-0.038	-0.039
29	-0.100	-0.114	-0.103	-0.101	-0.035	-0.040	-0.036	-0.035
30	-0.100	-0.098	-0.102	-0.100	-0.035	-0.034	-0.036	-0.035
31	-0.119	-0.125	-0.122	-0.116	-0.042	-0.044	-0.043	-0.041
32	-0.119	-0.115	-0.117	-0.112	-0.042	-0.040	-0.041	-0.039
33	-0.104	-0.107	-0.108	-0.108	-0.036	-0.037	-0.038	-0.038
34	-0.104	-0.108	-0.109	-0.106	-0.036	-0.038	-0.038	-0.037
35	-0.100	-0.095	-0.099	-0.102	-0.035	-0.033	-0.034	-0.036
36	-0.095	-0.097	-0.096	-0.097	-0.033	-0.034	-0.034	-0.034
37	-0.113	-0.114	-0.117	-0.116	-0.040	-0.040	-0.041	-0.041
38	-0.113	-0.108	-0.108	-0.109	-0.040	-0.038	-0.038	-0.038
39	-0.100	-0.103	-0.101	-0.100	-0.035	-0.036	-0.035	-0.035
40	-0.099	-0.101	-0.238	-0.102	-0.035	-0.035	-0.083	-0.036
41	-0.094	-0.095	-0.095	-0.091	-0.033	-0.033	-0.033	-0.032
42	-0.100	-0.092	-0.093	-0.094	-0.035	-0.032	-0.033	-0.033
43	-0.111	-0.121	-0.108	-0.113	-0.039	-0.042	-0.038	-0.040
44	-0.112	-0.112	-0.111	-0.110	-0.039	-0.039	-0.039	-0.038
45	-0.107	-0.105	-0.112	-0.107	-0.037	-0.037	-0.039	-0.037
46	-0.109	-0.110	-0.108	-0.108	-0.038	-0.039	-0.038	-0.038
47					37.000	37.000	37.000	37.000
48					37.000	37.000	37.000	37.000

channel #	response to 10 kel calibration input				thresholds set			
	QWAD05	QWAD06	QWAD07	QWAD08	QWAD05	QWAD06	QWAD07	QWAD08
1	-0.105	-0.131	-0.114	-0.112	-0.037	-0.046	-0.040	-0.039
2	-0.108	-0.079	-0.109	-0.109	-0.038	-0.028	-0.038	-0.038
3	-0.101	-0.118	-0.104	-0.104	-0.035	-0.041	-0.036	-0.036
4	-0.099	-0.121	-0.105	-0.105	-0.035	-0.042	-0.037	-0.037
5	-0.089	-0.113	-0.095	-0.095	-0.031	-0.040	-0.033	-0.033
6	-0.091	-0.111	-0.093	-0.093	-0.032	-0.039	-0.033	-0.033
7	-0.115	-0.137	-0.119	-0.119	-0.040	-0.048	-0.042	-0.042
8	-0.113	-0.135	-0.115	-0.115	-0.040	-0.047	-0.040	-0.040
9	-0.101	-0.128	-0.109	-0.109	-0.035	-0.045	-0.038	-0.038
10	-0.103	-0.124	-0.103	-0.103	-0.036	-0.043	-0.036	-0.036
11	-0.097	-0.121	-0.099	-0.099	-0.034	-0.042	-0.035	-0.035
12	-0.097	-0.111	-0.099	-0.099	-0.034	-0.039	-0.035	-0.035
13	-0.117	-0.146	-0.126	-0.126	-0.041	-0.051	-0.044	-0.044
14	-0.119	-0.142	-0.123	-0.123	-0.042	-0.050	-0.043	-0.043
15	-0.107	-0.132	-0.114	-0.114	-0.037	-0.046	-0.040	-0.040
16	-0.111	-0.134	-0.112	-0.112	-0.039	-0.047	-0.039	-0.039
17	-0.099	-0.121	-0.099	-0.099	-0.035	-0.042	-0.035	-0.035
18	-0.098	-0.119	-0.098	-0.098	-0.034	-0.042	-0.034	-0.034
19	-0.123	-0.152	-0.128	-0.128	-0.043	-0.053	-0.045	-0.045
20	-0.121	-0.147	-0.124	-0.124	-0.042	-0.051	-0.043	-0.043
21	-0.109	-0.132	-0.115	-0.115	-0.038	-0.046	-0.040	-0.040
22	-0.109	-0.134	-0.111	-0.111	-0.038	-0.047	-0.039	-0.039
23	-0.101	-0.126	-0.108	-0.108	-0.035	-0.044	-0.038	-0.038
24	-0.100	-0.118	-0.103	-0.103	-0.035	-0.041	-0.036	-0.036
25	-0.124	-0.152	-0.127	-0.127	-0.043	-0.053	-0.044	-0.044
26	-0.120	-0.147	-0.123	-0.123	-0.042	-0.051	-0.043	-0.043
27	-0.109	-0.128	-0.106	-0.106	-0.038	-0.045	-0.037	-0.037
28	-0.106	-0.130	-0.104	-0.109	-0.037	-0.046	-0.036	-0.038
29	-0.098	-0.121	-0.104	-0.104	-0.034	-0.042	-0.036	-0.036
30	-0.098	-0.116	-0.101	-0.101	-0.034	-0.041	-0.035	-0.035
31	-0.119	-0.141	-0.119	-0.119	-0.042	-0.049	-0.042	-0.042
32	-0.115	-0.139	-0.121	-0.121	-0.040	-0.049	-0.042	-0.042
33	-0.103	-0.123	-0.119	-0.105	-0.036	-0.043	-0.042	-0.037
34	-0.106	-0.118	-0.102	-0.102	-0.037	-0.041	-0.036	-0.036
35	-0.097	-0.115	-0.099	-0.099	-0.034	-0.040	-0.035	-0.035
36	-0.090	-0.114	-0.095	-0.095	-0.032	-0.040	-0.033	-0.033
37	-0.108	-0.136	-0.116	-0.116	-0.038	-0.048	-0.041	-0.041
38	-0.103	-0.135	-0.115	-0.115	-0.036	-0.047	-0.040	-0.040
39	-0.100	-0.120	-0.104	-0.104	-0.035	-0.042	-0.036	-0.036
40	-0.100	-0.120	-0.102	-0.102	-0.035	-0.042	-0.036	-0.036
41	-0.090	-0.112	-0.095	-0.095	-0.032	-0.039	-0.033	-0.033
42	-0.092	-0.106	-0.092	-0.092	-0.032	-0.037	-0.032	-0.032
43	-0.110	-0.130	-0.112	-0.112	-0.039	-0.046	-0.039	-0.039
44	-0.106	-0.131	-0.108	-0.108	-0.037	-0.046	-0.038	-0.038
45	-0.107	-0.129	-0.108	-0.108	-0.038	-0.045	-0.038	-0.038
46	-0.107	-0.126	-0.110	-0.112	-0.038	-0.044	-0.039	-0.039
47					37.000	37.000	37.000	37.000
48					37.000	37.000	37.000	37.000

channel #	response to 10 kel calibration input				thresholds set			
	QWAD09	QWAD10	QWAD11	QWAD12	QWAD09	QWAD10	QWAD11	QWAD12
1	-0.108	-0.110	-0.113		-0.038	-0.038	-0.040	
2	-0.108	-0.112	-0.113		-0.038	-0.039	-0.040	
3	-0.104	-0.101	-0.100		-0.037	-0.035	-0.035	
4	-0.100	-0.099	-0.098		-0.035	-0.035	-0.034	
5	-0.094	-0.088	-0.093		-0.033	-0.031	-0.033	
6	-0.089	-0.089	-0.095		-0.031	-0.031	-0.033	
7	-0.123	-0.113	-0.115		-0.043	-0.039	-0.040	
8	-0.104	-0.114	-0.116		-0.036	-0.040	-0.040	
9	-0.102	-0.105	-0.111		-0.036	-0.037	-0.039	
10	-0.104	-0.104	-0.107		-0.036	-0.036	-0.038	
11	-0.099	-0.097	-0.096		-0.034	-0.034	-0.033	
12	-0.095	-0.092	-0.100		-0.033	-0.032	-0.035	
13	-0.120	-0.115	-0.120		-0.042	-0.040	-0.042	
14	-0.115	-0.116	-0.124		-0.040	-0.041	-0.043	
15	-0.106	-0.107	-0.113		-0.037	-0.038	-0.040	
16	-0.110	-0.109	-0.110		-0.039	-0.038	-0.038	
17	-0.101	-0.095	-0.100		-0.035	-0.033	-0.035	
18	-0.097	-0.096	-0.102		-0.034	-0.034	-0.036	
19	-0.126	-0.121	-0.126		-0.044	-0.042	-0.044	
20	-0.126	-0.132	-0.126		-0.044	-0.046	-0.044	
21	-0.109	-0.112	-0.105		-0.038	-0.039	-0.037	
22	-0.111	-0.105	-0.108		-0.039	-0.037	-0.038	
23	-0.097	-0.100	-0.105		-0.034	-0.035	-0.037	
24	-0.100	-0.107	-0.103		-0.035	-0.038	-0.036	
25	-0.121	-0.124	-0.126		-0.042	-0.043	-0.044	
26	-0.121	-0.122	-0.123		-0.042	-0.043	-0.043	
27	-0.107	-0.108	-0.108		-0.037	-0.038	-0.038	
28	-0.106	-0.105	-0.110		-0.037	-0.037	-0.039	
29	-0.101	-0.100	-0.103		-0.035	-0.035	-0.036	
30	-0.098	-0.102	-0.099		-0.034	-0.036	-0.035	
31	-0.119	-0.115	-0.125		-0.042	-0.040	-0.044	
32	-0.114	-0.111	-0.115		-0.040	-0.039	-0.040	
33	-0.107	-0.102	-0.107		-0.038	-0.036	-0.037	
34	-0.103	-0.103	-0.107		-0.036	-0.036	-0.038	
35	-0.094	-0.093	-0.101		-0.033	-0.033	-0.035	
36	-0.093	-0.095	-0.095		-0.032	-0.033	-0.033	
37	-0.113	-0.112	-0.117		-0.040	-0.039	-0.041	
38	-0.107	-0.107	-0.112		-0.038	-0.038	-0.039	
39	-0.103	-0.097	-0.099		-0.036	-0.034	-0.035	
40	-0.103	-0.096	-0.102		-0.036	-0.034	-0.036	
41	-0.093	-0.097	-0.097		-0.032	-0.034	-0.034	
42	-0.089	-0.087	-0.094		-0.031	-0.031	-0.033	
43	-0.108	-0.107	-0.114		-0.038	-0.037	-0.040	
44	-0.104	-0.108	-0.110		-0.036	-0.038	-0.039	
45	-0.107	-0.106	-0.103		-0.038	-0.037	-0.036	
46	-0.107	-0.104	-0.108		-0.038	-0.036	-0.038	
47					37.000	37.000	37.000	
48					37.000	37.000	37.000	