Command:

macros/cis/CIS\_DB\_Update.py --date "October 28, 2021" "December 6, 2021" |& tee NovCIS.txt

macros/cis/Public\_Super\_Macro.py --gcals --date 2021-10-28 2020-12-06 --datelabel 'October 28 - December 6, 2021' --mean --lowmem --rmsplots --flagplots

macros/cis/Public\_Super\_Macro.py --history -0.5 0.5 --date 'October 28, 2020' 'December 6, 2020' --ndate 'October 28, 2021' 'December 6, 2021' --datelabel 'Nov. 2020 vs 2021’'

Runs:

run [405261, 'CIS', '2021-10-28 08:20:08,2021-10-28 08:21:35']

run [405419, 'CIS', '2021-10-29 10:56:50,2021-10-29 10:58:30']

run [405729, 'CIS', '2021-11-02 21:29:48,2021-11-02 21:31:18']

run [405894, 'CIS', '2021-11-05 11:18:40,2021-11-05 11:20:06']

run [406162, 'CIS', '2021-11-09 19:29:39,2021-11-09 19:31:18']

run [406369, 'CIS', '2021-11-12 08:35:13,2021-11-12 08:36:29']

run [406410, 'CIS', '2021-11-13 08:17:42,2021-11-13 08:19:16']

run [406534, 'CIS', '2021-11-16 20:23:13,2021-11-16 20:24:48']

run [406589, 'CIS', '2021-11-17 14:10:35,2021-11-17 14:12:12']

run [406598, 'CIS', '2021-11-17 14:42:52,2021-11-17 14:44:20']

run [406703, 'CIS', '2021-11-18 15:11:27,2021-11-18 15:13:05']

run [406818, 'CIS', '2021-11-20 09:34:13,2021-11-20 09:35:16']

run [407010, 'CIS', '2021-11-22 16:40:48,2021-11-22 16:42:28']

run [407014, 'CIS', '2021-11-22 16:49:26,2021-11-22 16:50:30']

run [407027, 'CIS', '2021-11-22 17:07:57,2021-11-22 17:09:46']

run [407195, 'CIS', '2021-11-24 10:34:35,2021-11-24 10:36:16']

run [407213, 'CIS', '2021-11-24 11:29:19,2021-11-24 11:30:23']

run [407307, 'CIS', '2021-11-25 13:37:48,2021-11-25 13:39:19']

run [407334, 'CIS', '2021-11-25 15:37:21,2021-11-25 15:38:52']

run [407343, 'CIS', '2021-11-25 15:59:59,2021-11-25 16:01:44']

run [407398, 'CIS', '2021-11-26 09:41:02,2021-11-26 09:42:11']

run [407582, 'CIS', '2021-11-27 11:31:53,2021-11-27 11:33:35']

run 407582

Answer all the questions below and click **Finish the update**:

**Sqlite file data comment:** khughes (Tue Dec 7 15:31:59 2021): Update for run 407582 from file corr2.txt.

**Modules found in sqlite file:** LBA02 LBA05 LBA14 LBA15 LBA18 LBA21 LBA28 LBA31 LBA37 LBA42 LBA43 LBA45 LBA47 LBA52 LBA55 LBA62 LBC01 LBC08 LBC10 LBC11 LBC13 LBC16 LBC17 LBC23 LBC41 LBC43 LBC44 LBC47 LBC48 LBC52 LBC55 LBC59 LBC60 LBC62 LBC63 EBA01 EBA07 EBA08 EBA16 EBA26 EBA34 EBA40 EBA42 EBA48 EBA49 EBA50 EBA51 EBA64 EBC04 EBC05 EBC09 EBC10 EBC11 EBC15 EBC16 EBC18 EBC22 EBC23 EBC30 EBC43 EBC50 EBC52 EBC56 EBC61

**Change thresholds:**

SMALL = 0.0001 %

INFO = 1.0 %

WARNING = 10.0 %

ERROR = 1000.0 %

**Difference between current and new calibration:**

Affected module: LBA14

- Info: chn 0, adc 0 new/old value = 1.255 / 1.306, diff = -3.9 %

- Info: chn 0, adc 1 new/old value = 39.877 / 41.400, diff = -3.7 %

- Info: chn 1, adc 1 new/old value = 40.092 / 41.400, diff = -3.2 %

- Info: chn 2, adc 1 new/old value = 39.844 / 41.400, diff = -3.8 %

- Info: chn 3, adc 0 new/old value = 1.261 / 1.288, diff = -2.1 %

- Info: chn 4, adc 1 new/old value = 38.998 / 41.400, diff = -5.8 %

- Info: chn 6, adc 0 new/old value = 1.256 / 1.295, diff = -3.0 %

- Info: chn 6, adc 1 new/old value = 39.326 / 41.400, diff = -5.0 %

- Info: chn 7, adc 0 new/old value = 1.261 / 1.334, diff = -5.5 %

- Info: chn 7, adc 1 new/old value = 40.581 / 41.400, diff = -2.0 %

- Info: chn 8, adc 0 new/old value = 1.261 / 1.282, diff = -1.7 %

- Info: chn 8, adc 1 new/old value = 39.297 / 41.400, diff = -5.1 %

- Info: chn 9, adc 0 new/old value = 1.258 / 1.317, diff = -4.5 %

- Info: chn 9, adc 1 new/old value = 40.268 / 41.400, diff = -2.7 %

- Info: chn 10, adc 0 new/old value = 1.267 / 1.251, diff = 1.3 %

- Info: chn 10, adc 1 new/old value = 39.688 / 41.400, diff = -4.1 %

- Info: chn 11, adc 0 new/old value = 1.259 / 1.281, diff = -1.7 %

- Info: chn 11, adc 1 new/old value = 42.170 / 41.400, diff = 1.9 %

- Info: chn 12, adc 0 new/old value = 1.263 / 1.292, diff = -2.3 %

- Info: chn 13, adc 0 new/old value = 1.258 / 1.276, diff = -1.4 %

- Info: chn 13, adc 1 new/old value = 40.062 / 41.400, diff = -3.2 %

- Info: chn 14, adc 0 new/old value = 1.264 / 1.280, diff = -1.3 %

- Info: chn 14, adc 1 new/old value = 39.736 / 41.400, diff = -4.0 %

- Info: chn 15, adc 0 new/old value = 1.264 / 1.300, diff = -2.8 %

- Info: chn 15, adc 1 new/old value = 40.529 / 41.400, diff = -2.1 %

- Info: chn 16, adc 0 new/old value = 1.265 / 1.296, diff = -2.4 %

- Info: chn 16, adc 1 new/old value = 40.932 / 41.400, diff = -1.1 %

- Info: chn 17, adc 0 new/old value = 1.253 / 1.307, diff = -4.1 %

- Info: chn 17, adc 1 new/old value = 40.617 / 41.400, diff = -1.9 %

- Info: chn 19, adc 0 new/old value = 1.264 / 1.319, diff = -4.2 %

- Info: chn 19, adc 1 new/old value = 39.375 / 41.400, diff = -4.9 %

- Info: chn 20, adc 0 new/old value = 1.252 / 1.274, diff = -1.8 %

- Info: chn 20, adc 1 new/old value = 40.641 / 41.400, diff = -1.8 %

- Info: chn 21, adc 0 new/old value = 1.263 / 1.296, diff = -2.6 %

- Info: chn 22, adc 0 new/old value = 1.259 / 1.319, diff = -4.6 %

- Info: chn 23, adc 0 new/old value = 1.264 / 1.245, diff = 1.5 %

- Info: chn 23, adc 1 new/old value = 39.651 / 41.400, diff = -4.2 %

- Info: chn 24, adc 0 new/old value = 1.255 / 1.270, diff = -1.2 %

- Info: chn 24, adc 1 new/old value = 40.971 / 41.400, diff = -1.0 %

- Info: chn 25, adc 1 new/old value = 40.389 / 41.400, diff = -2.4 %

- Info: chn 26, adc 1 new/old value = 40.093 / 41.400, diff = -3.2 %

- Info: chn 27, adc 0 new/old value = 1.271 / 1.286, diff = -1.2 %

- Info: chn 28, adc 0 new/old value = 1.258 / 1.301, diff = -3.3 %

- Info: chn 29, adc 0 new/old value = 1.263 / 1.312, diff = -3.8 %

- Info: chn 29, adc 1 new/old value = 39.696 / 41.400, diff = -4.1 %

- Info: chn 32, adc 0 new/old value = 1.262 / 1.288, diff = -2.0 %

- Info: chn 32, adc 1 new/old value = 40.532 / 41.400, diff = -2.1 %

- Info: chn 33, adc 0 new/old value = 1.281 / 1.263, diff = 1.4 %

- Info: chn 34, adc 0 new/old value = 1.261 / 1.294, diff = -2.5 %

- Info: chn 34, adc 1 new/old value = 40.143 / 41.400, diff = -3.0 %

- Info: chn 35, adc 1 new/old value = 41.844 / 41.400, diff = 1.1 %

- Info: chn 36, adc 0 new/old value = 1.259 / 1.334, diff = -5.6 %

- Info: chn 37, adc 0 new/old value = 1.263 / 1.277, diff = -1.1 %

- Info: chn 38, adc 0 new/old value = 1.266 / 1.301, diff = -2.7 %

- Info: chn 38, adc 1 new/old value = 39.807 / 41.400, diff = -3.8 %

- Info: chn 39, adc 1 new/old value = 41.829 / 41.400, diff = 1.0 %

- Info: chn 41, adc 0 new/old value = 1.267 / 1.293, diff = -2.1 %

- Info: chn 42, adc 0 new/old value = 1.272 / 1.312, diff = -3.1 %

- Info: chn 42, adc 1 new/old value = 42.097 / 41.400, diff = 1.7 %

- Info: chn 44, adc 0 new/old value = 1.255 / 1.301, diff = -3.5 %

- Info: chn 44, adc 1 new/old value = 40.699 / 41.400, diff = -1.7 %

- Info: chn 45, adc 1 new/old value = 40.466 / 41.400, diff = -2.3 %

- Info: chn 46, adc 0 new/old value = 1.257 / 1.273, diff = -1.3 %

- Info: chn 46, adc 1 new/old value = 39.725 / 41.400, diff = -4.0 %

- Info: chn 47, adc 0 new/old value = 1.262 / 1.305, diff = -3.3 %

Affected module: LBA15

- Info: chn 2, adc 1 new/old value = 79.340 / 78.340, diff = 1.3 % Status: 2000 (Channel masked (unspecified)) 2105 (Bad timing) => **BAD**

Affected module: LBA21

- Info: chn 32, adc 0 new/old value = 1.300 / 1.282, diff = 1.4 %

- Info: chn 32, adc 1 new/old value = 81.740 / 79.738, diff = 2.5 %

- Info: chn 33, adc 1 new/old value = 82.910 / 80.864, diff = 2.5 %

- Info: chn 34, adc 0 new/old value = 1.310 / 1.271, diff = 3.0 %

- Info: chn 34, adc 1 new/old value = 82.130 / 80.859, diff = 1.6 %

- Info: chn 35, adc 1 new/old value = 78.850 / 80.242, diff = -1.7 %

- Info: chn 45, adc 1 new/old value = 83.598 / 81.959, diff = 2.0 % Status: 1104 (Bad CIS calibration) => Affected

Affected module: LBA31

- Info: chn 45, adc 0 new/old value = 1.280 / 1.296, diff = -1.3 %

- Info: chn 45, adc 1 new/old value = 81.235 / 82.245, diff = -1.2 %

Affected module: LBA42

- Info: chn 12, adc 0 new/old value = 1.276 / 1.062, diff = **20.1 %** Status: 1000 (ADC masked (unspecified)) => **BAD**

- Info: chn 12, adc 1 new/old value = 81.200 / 82.252, diff = -1.3 %

Affected module: LBA45

- Info: chn 6, adc 1 new/old value = 75.513 / 76.359, diff = -1.1 % Status: 1104 (Bad CIS calibration) => Affected

Affected module: LBA55

- Info: chn 19, adc 0 new/old value = 1.287 / 1.301, diff = -1.1 %

- Info: chn 19, adc 1 new/old value = 80.080 / 78.177, diff = 2.4 %

- Info: chn 20, adc 1 new/old value = 80.180 / 79.314, diff = 1.1 %

- Info: chn 21, adc 1 new/old value = 81.525 / 80.402, diff = 1.4 %

- Info: chn 22, adc 0 new/old value = 1.271 / 1.309, diff = -2.9 %

- Info: chn 22, adc 1 new/old value = 79.411 / 82.987, diff = -4.3 %

- Info: chn 23, adc 0 new/old value = 1.281 / 1.297, diff = -1.2 % Status: 1007 (Severe stuck bit) => **BAD**

- Info: chn 24, adc 0 new/old value = 1.304 / 1.251, diff = 4.3 %

- Info: chn 24, adc 1 new/old value = 79.200 / 80.008, diff = -1.0 %

- Info: chn 25, adc 0 new/old value = 1.285 / 1.342, diff = -4.2 %

- Info: chn 25, adc 1 new/old value = 82.490 / 83.420, diff = -1.1 %

- Info: chn 26, adc 0 new/old value = 1.282 / 1.327, diff = -3.4 %

- Info: chn 26, adc 1 new/old value = 80.393 / 81.621, diff = -1.5 %

- Info: chn 27, adc 1 new/old value = 79.770 / 78.775, diff = 1.3 %

- Info: chn 28, adc 1 new/old value = 81.710 / 79.146, diff = 3.2 %

- Info: chn 29, adc 1 new/old value = 79.060 / 80.378, diff = -1.6 %

- Info: chn 38, adc 0 new/old value = 1.305 / 1.280, diff = 1.9 %

- Info: chn 38, adc 1 new/old value = 83.260 / 81.832, diff = 1.7 %

- Info: chn 40, adc 0 new/old value = 1.314 / 1.286, diff = 2.2 %

- Info: chn 40, adc 1 new/old value = 81.328 / 79.722, diff = 2.0 %

- Info: chn 41, adc 0 new/old value = 1.304 / 1.321, diff = -1.3 %

Affected module: LBA62

- Info: chn 26, adc 1 new/old value = 100.623 / 103.469, diff = -2.8 % Status: 1000 (ADC masked (unspecified)) 1104 (Bad CIS calibration) => **BAD**

Affected module: LBC01

- Info: chn 25, adc 1 new/old value = 72.977 / 72.206, diff = 1.1 % Status: 1104 (Bad CIS calibration) => Affected

Affected module: LBC08

- Info: chn 3, adc 0 new/old value = 1.078 / 1.054, diff = 2.3 % Status: 1000 (ADC masked (unspecified)) 1104 (Bad CIS calibration) => **BAD**

- Info: chn 24, adc 0 new/old value = 1.254 / 1.289, diff = -2.8 %

- Info: chn 24, adc 1 new/old value = 79.749 / 82.051, diff = -2.8 %

- Info: chn 26, adc 0 new/old value = 1.268 / 1.293, diff = -2.0 %

- Info: chn 27, adc 0 new/old value = 1.286 / 1.309, diff = -1.8 %

- Info: chn 27, adc 1 new/old value = 80.835 / 81.875, diff = -1.3 %

- Info: chn 28, adc 0 new/old value = 1.280 / 1.296, diff = -1.2 %

- Info: chn 28, adc 1 new/old value = 80.771 / 81.607, diff = -1.0 %

- Info: chn 29, adc 1 new/old value = 79.550 / 80.630, diff = -1.3 %

- Info: chn 44, adc 0 new/old value = 1.302 / 1.273, diff = 2.3 %

- Info: chn 47, adc 0 new/old value = 1.261 / 1.288, diff = -2.1 %

- Info: chn 47, adc 1 new/old value = 80.645 / 79.433, diff = 1.5 %

Affected module: LBC11

- Info: chn 25, adc 0 new/old value = 1.292 / 1.277, diff = 1.2 %

- Info: chn 25, adc 1 new/old value = 80.868 / 81.834, diff = -1.2 %

- Info: chn 27, adc 0 new/old value = 1.312 / 1.257, diff = 4.4 %

- Info: chn 28, adc 0 new/old value = 1.298 / 1.280, diff = 1.4 % Status: 1007 (Severe stuck bit) => **BAD**

- Info: chn 28, adc 1 new/old value = 81.549 / 79.391, diff = 2.7 %

- Info: chn 29, adc 1 new/old value = 80.710 / 77.899, diff = 3.6 %

Affected module: LBC13

- Info: chn 18, adc 0 new/old value = 1.260 / 1.281, diff = -1.6 %

- Info: chn 18, adc 1 new/old value = 80.090 / 81.174, diff = -1.3 %

- Info: chn 19, adc 1 new/old value = 80.900 / 82.914, diff = -2.4 %

- Info: chn 21, adc 0 new/old value = 1.280 / 1.299, diff = -1.4 %

- Info: chn 21, adc 1 new/old value = 78.480 / 79.952, diff = -1.8 %

- Info: chn 22, adc 1 new/old value = 81.840 / 79.387, diff = 3.1 %

- Info: chn 23, adc 0 new/old value = 1.250 / 1.269, diff = -1.5 %

- Info: chn 23, adc 1 new/old value = 79.910 / 81.091, diff = -1.5 %

Affected module: LBC16

- Info: chn 18, adc 0 new/old value = 1.274 / 1.311, diff = -2.8 %

- Info: chn 18, adc 1 new/old value = 80.427 / 81.953, diff = -1.9 %

- Info: chn 19, adc 0 new/old value = 1.279 / 1.306, diff = -2.1 %

- Info: chn 19, adc 1 new/old value = 83.884 / 81.218, diff = 3.3 %

- Info: chn 20, adc 0 new/old value = 1.259 / 1.294, diff = -2.7 %

- Info: chn 21, adc 0 new/old value = 1.243 / 1.307, diff = -4.9 %

- Info: chn 21, adc 1 new/old value = 80.866 / 82.627, diff = -2.1 %

- Info: chn 22, adc 0 new/old value = 1.313 / 1.262, diff = 4.1 %

- Info: chn 22, adc 1 new/old value = 80.674 / 81.649, diff = -1.2 %

- Info: chn 23, adc 0 new/old value = 1.268 / 1.315, diff = -3.6 %

- Info: chn 29, adc 1 new/old value = 76.654 / 75.305, diff = 1.8 % Status: 1104 (Bad CIS calibration) => Affected

- Info: chn 36, adc 0 new/old value = 1.291 / 1.246, diff = 3.6 %

- Info: chn 36, adc 1 new/old value = 79.284 / 81.221, diff = -2.4 %

- Info: chn 37, adc 0 new/old value = 1.286 / 1.309, diff = -1.7 %

- Info: chn 37, adc 1 new/old value = 81.615 / 80.358, diff = 1.6 %

- Info: chn 38, adc 1 new/old value = 82.367 / 79.544, diff = 3.5 %

- Info: chn 39, adc 0 new/old value = 1.312 / 1.287, diff = 1.9 %

- Info: chn 39, adc 1 new/old value = 83.417 / 80.604, diff = 3.5 %

- Info: chn 40, adc 0 new/old value = 1.309 / 1.282, diff = 2.1 %

- Info: chn 40, adc 1 new/old value = 82.294 / 83.497, diff = -1.4 %

- Info: chn 41, adc 0 new/old value = 1.298 / 1.272, diff = 2.1 %

Affected module: LBC17

- Info: chn 11, adc 1 new/old value = 81.000 / 79.511, diff = 1.9 % Status: 1104 (Bad CIS calibration) 2101 (Bad laser calibration) => Affected

- Info: chn 36, adc 0 new/old value = 1.299 / 1.263, diff = 2.9 %

- Info: chn 37, adc 0 new/old value = 1.317 / 1.297, diff = 1.5 % Status: 2101 (Bad laser calibration) => Affected

- Info: chn 39, adc 0 new/old value = 1.248 / 1.299, diff = -4.0 % Status: 2101 (Bad laser calibration) => Affected

- Info: chn 40, adc 0 new/old value = 1.295 / 1.313, diff = -1.4 %

- Info: chn 41, adc 0 new/old value = 1.298 / 1.258, diff = 3.2 % Status: 2101 (Bad laser calibration) => Affected

- Info: chn 41, adc 1 new/old value = 81.207 / 78.673, diff = 3.2 % Status: 2101 (Bad laser calibration) => Affected

Affected module: LBC23

- Info: chn 20, adc 0 new/old value = 1.561 / 1.787, diff = **-12.6 %** Status: 1000 (ADC masked (unspecified)) 1104 (Bad CIS calibration) 2101 (Bad laser calibration) 2105 (Bad timing) => **BAD**

Affected module: LBC41

- Info: chn 24, adc 0 new/old value = 1.251 / 1.295, diff = -3.4 %

- Info: chn 24, adc 1 new/old value = 82.721 / 80.995, diff = 2.1 %

- Info: chn 25, adc 0 new/old value = 1.275 / 1.299, diff = -1.9 % Status: 2000 (Channel masked (unspecified)) => **BAD**

- Info: chn 26, adc 0 new/old value = 1.289 / 1.272, diff = 1.3 %

- Info: chn 27, adc 0 new/old value = 1.292 / 1.266, diff = 2.0 %

- Info: chn 27, adc 1 new/old value = 80.659 / 79.731, diff = 1.2 %

- Info: chn 28, adc 0 new/old value = 1.284 / 1.267, diff = 1.3 %

- Info: chn 29, adc 1 new/old value = 83.767 / 81.385, diff = 2.9 %

- Info: chn 42, adc 0 new/old value = 1.325 / 1.257, diff = 5.3 %

- Info: chn 42, adc 1 new/old value = 84.198 / 82.980, diff = 1.5 %

- Info: chn 44, adc 1 new/old value = 82.193 / 80.929, diff = 1.6 %

- Info: chn 45, adc 0 new/old value = 1.271 / 1.299, diff = -2.1 %

- Info: chn 45, adc 1 new/old value = 79.940 / 80.927, diff = -1.2 %

- Info: chn 47, adc 0 new/old value = 1.287 / 1.316, diff = -2.2 %

- Info: chn 47, adc 1 new/old value = 80.951 / 83.839, diff = -3.4 %

Affected module: LBC43

- Info: chn 18, adc 0 new/old value = 1.295 / 1.327, diff = -2.4 %

- Info: chn 19, adc 1 new/old value = 81.802 / 80.556, diff = 1.5 %

- Info: chn 20, adc 0 new/old value = 1.286 / 1.265, diff = 1.7 %

- Info: chn 20, adc 1 new/old value = 81.171 / 83.729, diff = -3.1 %

- Info: chn 21, adc 0 new/old value = 1.294 / 1.309, diff = -1.1 %

- Info: chn 21, adc 1 new/old value = 80.812 / 81.954, diff = -1.4 %

- Info: chn 22, adc 0 new/old value = 1.329 / 1.298, diff = 2.3 %

- Info: chn 23, adc 1 new/old value = 80.558 / 81.633, diff = -1.3 %

- Info: chn 24, adc 1 new/old value = 77.159 / 75.911, diff = 1.6 % Status: 1000 (ADC masked (unspecified)) 1104 (Bad CIS calibration) => **BAD**

- Info: chn 36, adc 0 new/old value = 1.313 / 1.294, diff = 1.5 %

- Info: chn 36, adc 1 new/old value = 82.404 / 80.397, diff = 2.5 %

- Info: chn 38, adc 0 new/old value = 1.316 / 1.268, diff = 3.8 %

- Info: chn 39, adc 1 new/old value = 82.095 / 81.021, diff = 1.3 %

- Info: chn 42, adc 0 new/old value = 1.267 / 1.285, diff = -1.4 %

- Info: chn 42, adc 1 new/old value = 79.148 / 81.339, diff = -2.7 %

- Info: chn 44, adc 0 new/old value = 1.271 / 1.319, diff = -3.6 %

- Info: chn 45, adc 1 new/old value = 81.368 / 82.554, diff = -1.4 %

Affected module: LBC44

- Info: chn 34, adc 1 new/old value = 80.799 / 79.498, diff = 1.6 %

- Info: chn 40, adc 0 new/old value = 1.279 / 1.313, diff = -2.6 % Status: 2000 (Channel masked (unspecified)) 2100 (No laser calibration) 2102 (No cesium calibration) => **BAD**

- Info: chn 40, adc 1 new/old value = 79.771 / 81.600, diff = -2.2 % Status: 2000 (Channel masked (unspecified)) 2100 (No laser calibration) 2102 (No cesium calibration) => **BAD**

Affected module: LBC47

- Info: chn 0, adc 0 new/old value = 1.303 / 1.257, diff = 3.6 %

- Info: chn 1, adc 1 new/old value = 79.739 / 77.794, diff = 2.5 %

- Info: chn 2, adc 1 new/old value = 81.123 / 81.988, diff = -1.1 %

- Info: chn 3, adc 0 new/old value = 1.307 / 1.292, diff = 1.2 %

- Info: chn 4, adc 0 new/old value = 1.280 / 1.306, diff = -2.0 %

- Info: chn 4, adc 1 new/old value = 79.457 / 80.888, diff = -1.8 %

- **Warning**: chn 35, adc 0 new/old value = 0.646 / 0.743, diff = **-13.1 %** Status: 1104 (Bad CIS calibration) => Affected

- Info: chn 36, adc 0 new/old value = 1.280 / 1.302, diff = -1.7 %

- Info: chn 36, adc 1 new/old value = 79.787 / 81.465, diff = -2.1 %

- Info: chn 37, adc 0 new/old value = 1.320 / 1.288, diff = 2.4 %

- **Suppressing further INFOs**

Affected module: LBC48

- Info: chn 29, adc 0 new/old value = 1.235 / 1.279, diff = -3.5 % Status: 1000 (ADC masked (unspecified)) 1002 (Stuck bit) => **BAD**

Affected module: EBA07

- Info: chn 31, adc 0 new/old value = 0.946 / 0.917, diff = 3.2 % Status: 1000 (ADC masked (unspecified)) 1104 (Bad CIS calibration) => **BAD**

Affected module: EBA64

- **Warning**: chn 3, adc 1 new/old value = 76.920 / 40.445, diff = **90.2 %** Status: 1104 (Bad CIS calibration) => Affected

Affected module: EBC09

- **Warning**: chn 40, adc 1 new/old value = 41.406 / 82.049, diff = **-49.5 %** Status: 1104 (Bad CIS calibration) => Affected

Affected module: EBC11

- Info: chn 6, adc 0 new/old value = 1.290 / 1.314, diff = -1.9 % Status: 1000 (ADC masked (unspecified)) => **BAD**

- **Warning**: chn 31, adc 0 new/old value = 1.260 / 0.626, diff = **101.3 %**

Affected module: EBC22

- Info: chn 16, adc 0 new/old value = 1.261 / 1.240, diff = 1.7 % Status: 1007 (Severe stuck bit) 1104 (Bad CIS calibration) => **BAD**

Affected module: EBC23

- Info: chn 31, adc 0 new/old value = 0.966 / 0.790, diff = **22.3 %** Status: 1000 (ADC masked (unspecified)) 1104 (Bad CIS calibration) => **BAD**

Affected module: EBC56

- Info: chn 41, adc 0 new/old value = 1.184 / 1.173, diff = 1.0 % Status: 1000 (ADC masked (unspecified)) 1104 (Bad CIS calibration) => **BAD**

**Numbers of changes within limits:**

SMALL = 215 changes

INFO = 342 changes

WARNING = 4 changes

ERROR = 0 changes

No changes = 5583 values

Answer all the questions below and click **Finish the update**:

**Sqlite file data comment:** khughes (Tue Dec 7 15:54:11 2021): REMOVING BADCIS FOR: EBA08 10 1, EBA09 16 1, EBA19 41 1, EBA63 15 1, EBC09 0 1, EBC09 0 0, EBC09 1 0, EBC09 2 1, EBC09 2 0, EBC09 3 0, EBC09 4 0, EBC09 5 0, EBC09 6 0, EBC09 8 1, EBC09 10 0, EBC09 14 0, EBC09 15 1, EBC09 15 0, EBC09 17 0, EBC09 20 0, EBC09 21 1, EBC09 21 0, EBC09 22 0, EBC09 23 1, EBC37 39 1, LBA27 5 0, LBA41 5 0, LBA43 21 0, LBA52 2 0, LBA63 24 1, LBA63 25 1, LBA63 26 1, LBA63 27 1, LBA63 28 1, LBA63 29 1, LBA63 32 1, LBA63 33 1, LBA63 34 1, LBA63 35 1, LBC08 32 0, LBC17 11 1, ADDING BADCIS FOR: EBA48 37 1, EBC16 36 0, EBC16 39 1, EBC57 11 1, EBC61 8 0, EBC63 15 1, EBC63 15 0, LBA42 7 1, LBA52 36 0, LBC04 14 1, LBC10 37 1, LBC20 37 0, LBC28 4 0, LBC46 4 1, LBC49 26 1, LBC49 26 0, LBC52 34 1,.

**Modules found in sqlite file:** LBA27 LBA41 LBA42 LBA43 LBA52 LBA63 LBC04 LBC08 LBC10 LBC17 LBC20 LBC28 LBC46 LBC49 LBC52 EBA08 EBA09 EBA19 EBA48 EBA63 EBC09 EBC16 EBC37 EBC57 EBC61 EBC63

**Channel status flags you are allowed to change:**

ADC masked (unspecified); Stuck bit; Severe stuck bit; No CIS calibration; Bad CIS calibration; Ignored in HLT; Online ADC masked (unspecified);

**Difference between current and new data:**

Affected module: LBA27

- turned to GOOD: YES

- number of adcs that turned to BAD: 0

- number of adcs that turned from BAD to GOOD: 0

- number of all changes (including not masked problems): 1

Chn 5 gain 0 deleted: Bad CIS calibration;

Affected module: LBA41

- turned to GOOD: NO

- number of adcs that turned to BAD: 0

- number of adcs that turned from BAD to GOOD: 0

- number of all changes (including not masked problems): 1

Chn 5 gain 0 deleted: Bad CIS calibration;

Affected module: LBA42

- turned to GOOD: NO

- number of adcs that turned to BAD: 0

- number of adcs that turned from BAD to GOOD: 0

- number of all changes (including not masked problems): 1

Chn 7 gain 1 added: Bad CIS calibration;

Affected module: LBA43

- turned to GOOD: YES

- number of adcs that turned to BAD: 0

- number of adcs that turned from BAD to GOOD: 0

- number of all changes (including not masked problems): 1

Chn 21 gain 0 deleted: Bad CIS calibration;

Affected module: LBA52

- turned to GOOD: NO

- number of adcs that turned to BAD: 0

- number of adcs that turned from BAD to GOOD: 0

- number of all changes (including not masked problems): 2

Chn 2 gain 0 deleted: Bad CIS calibration;

Chn 36 gain 0 added: Bad CIS calibration;

Affected module: LBA63

- turned to GOOD: NO

- number of adcs that turned to BAD: 0

- number of adcs that turned from BAD to GOOD: 0

- number of all changes (including not masked problems): 10

Chn 24 gain 1 deleted: Bad CIS calibration;

Chn 25 gain 1 deleted: Bad CIS calibration;

Chn 26 gain 1 deleted: Bad CIS calibration;

Chn 27 gain 1 deleted: Bad CIS calibration;

Chn 28 gain 1 deleted: Bad CIS calibration;

Chn 29 gain 1 deleted: Bad CIS calibration;

Chn 32 gain 1 deleted: Bad CIS calibration;

Chn 33 gain 1 deleted: Bad CIS calibration;

Chn 34 gain 1 deleted: Bad CIS calibration;

Chn 35 gain 1 deleted: Bad CIS calibration;

Affected module: LBC04

- turned to GOOD: NO

- number of adcs that turned to BAD: 0

- number of adcs that turned from BAD to GOOD: 0

- number of all changes (including not masked problems): 1

Chn 14 gain 1 added: Bad CIS calibration;

Affected module: LBC08

- turned to GOOD: NO

- number of adcs that turned to BAD: 0

- number of adcs that turned from BAD to GOOD: 0

- number of all changes (including not masked problems): 1

Chn 32 gain 0 deleted: Bad CIS calibration;

Affected module: LBC10

- turned to GOOD: NO

- number of adcs that turned to BAD: 0

- number of adcs that turned from BAD to GOOD: 0

- number of all changes (including not masked problems): 1

Chn 37 gain 1 added: Bad CIS calibration;

Affected module: LBC17

- turned to GOOD: NO

- number of adcs that turned to BAD: 0

- number of adcs that turned from BAD to GOOD: 0

- number of all changes (including not masked problems): 1

Chn 11 gain 1 deleted: Bad CIS calibration;

Affected module: LBC20

- turned to GOOD: NO

- number of adcs that turned to BAD: 0

- number of adcs that turned from BAD to GOOD: 0

- number of all changes (including not masked problems): 1

Chn 37 gain 0 added: Bad CIS calibration;

Affected module: LBC28

- turned to GOOD: NO

- number of adcs that turned to BAD: 0

- number of adcs that turned from BAD to GOOD: 0

- number of all changes (including not masked problems): 1

Chn 4 gain 0 added: Bad CIS calibration;

Affected module: LBC46

- turned to GOOD: NO

- number of adcs that turned to BAD: 0

- number of adcs that turned from BAD to GOOD: 0

- number of all changes (including not masked problems): 1

Chn 4 gain 1 added: Bad CIS calibration;

Affected module: LBC49

- turned to GOOD: NO

- number of adcs that turned to BAD: 0

- number of adcs that turned from BAD to GOOD: 0

- number of all changes (including not masked problems): 2

Chn 26 gain 0 added: Bad CIS calibration;

Chn 26 gain 1 added: Bad CIS calibration;

Affected module: LBC52

- turned to GOOD: NO

- number of adcs that turned to BAD: 0

- number of adcs that turned from BAD to GOOD: 0

- number of all changes (including not masked problems): 1

Chn 34 gain 1 added: Bad CIS calibration;

Affected module: EBA08

- turned to GOOD: NO

- number of adcs that turned to BAD: 0

- number of adcs that turned from BAD to GOOD: 0

- number of all changes (including not masked problems): 1

Chn 10 gain 1 deleted: Bad CIS calibration;

Affected module: EBA09

- turned to GOOD: NO

- number of adcs that turned to BAD: 0

- number of adcs that turned from BAD to GOOD: 0

- number of all changes (including not masked problems): 1

Chn 16 gain 1 deleted: Bad CIS calibration;

Affected module: EBA19

- turned to GOOD: NO

- number of adcs that turned to BAD: 0

- number of adcs that turned from BAD to GOOD: 0

- number of all changes (including not masked problems): 1

Chn 41 gain 1 deleted: Bad CIS calibration;

Affected module: EBA48

- turned to GOOD: NO

- number of adcs that turned to BAD: 0

- number of adcs that turned from BAD to GOOD: 0

- number of all changes (including not masked problems): 1

Chn 37 gain 1 added: Bad CIS calibration;

Affected module: EBA63

- turned to GOOD: NO

- number of adcs that turned to BAD: 0

- number of adcs that turned from BAD to GOOD: 0

- number of all changes (including not masked problems): 1

Chn 15 gain 1 deleted: Bad CIS calibration;

Affected module: EBC09

- turned to GOOD: NO

- number of adcs that turned to BAD: 0

- number of adcs that turned from BAD to GOOD: 0

- number of all changes (including not masked problems): 20

Chn 0 gain 0 deleted: Bad CIS calibration;

Chn 0 gain 1 deleted: Bad CIS calibration;

Chn 1 gain 0 deleted: Bad CIS calibration;

Chn 2 gain 0 deleted: Bad CIS calibration;

Chn 2 gain 1 deleted: Bad CIS calibration;

Chn 3 gain 0 deleted: Bad CIS calibration;

Chn 4 gain 0 deleted: Bad CIS calibration;

Chn 5 gain 0 deleted: Bad CIS calibration;

Chn 6 gain 0 deleted: Bad CIS calibration;

Chn 8 gain 1 deleted: Bad CIS calibration;

Chn 10 gain 0 deleted: Bad CIS calibration;

Chn 14 gain 0 deleted: Bad CIS calibration;

Chn 15 gain 0 deleted: Bad CIS calibration;

Chn 15 gain 1 deleted: Bad CIS calibration;

Chn 17 gain 0 deleted: Bad CIS calibration;

Chn 20 gain 0 deleted: Bad CIS calibration;

Chn 21 gain 0 deleted: Bad CIS calibration;

Chn 21 gain 1 deleted: Bad CIS calibration;

Chn 22 gain 0 deleted: Bad CIS calibration;

Chn 23 gain 1 deleted: Bad CIS calibration;

Affected module: EBC16

- turned to GOOD: NO

- number of adcs that turned to BAD: 0

- number of adcs that turned from BAD to GOOD: 0

- number of all changes (including not masked problems): 2

Chn 36 gain 0 added: Bad CIS calibration;

Chn 39 gain 1 added: Bad CIS calibration;

Affected module: EBC37

- turned to GOOD: NO

- number of adcs that turned to BAD: 0

- number of adcs that turned from BAD to GOOD: 0

- number of all changes (including not masked problems): 1

Chn 39 gain 1 deleted: Bad CIS calibration;

Affected module: EBC57

- turned to GOOD: NO

- number of adcs that turned to BAD: 0

- number of adcs that turned from BAD to GOOD: 0

- number of all changes (including not masked problems): 1

Chn 11 gain 1 added: Bad CIS calibration;

Affected module: EBC61

- turned to GOOD: NO

- number of adcs that turned to BAD: 0

- number of adcs that turned from BAD to GOOD: 0

- number of all changes (including not masked problems): 1

Chn 8 gain 0 added: Bad CIS calibration;

Affected module: EBC63

- turned to GOOD: NO

- number of adcs that turned to BAD: 0

- number of adcs that turned from BAD to GOOD: 0

- number of all changes (including not masked problems): 2

Chn 15 gain 0 added: Bad CIS calibration;

Chn 15 gain 1 added: Bad CIS calibration;