HK temperature 4-2020

Legend: PCB, FPGA, SRAM

HK SW Performance 4-2020

Legend: SW_PR_PKTS_IN_QUEUE, SW_PKTS_IN_QUEUE

HK SW Performance 4-2020

Legend: SW_IDLE_TIME, SW_LOOP_ITERATIONS, SW_MAX_LOOP_TIME, SW_PROCESS_TIME, NORMAL, SBM1, STANDBY

HK snapshot statistics 4-2020

HK SW Q Factor 4-2020

HK snapshot queue statistics 4-2020

○ S_N_QUEUE ● S_S2_QUEUE ● NORMAL ● SBM1 ● STANDBY

%HK - modes and errors for 4/2020
2020:04:01 00:00:15--MODE--NORMAL
2020:04:01 00:00:15--ERROR--ME_TDS_SW--SW_PROCTIMEOUT:TDS science processing timeout.-0
2020:04:06 00:00:08--MODE--STANDBY
2020:04:06 00:00:38--MODE--NORMAL
2020:04:06 10:10:08--MODE--STANDBY
2020:04:06 10:10:08--ERROR--LE_TDS_SW--SW_PROCANOMALY:TDS science processing encounters unexpected result.-5
2020:04:07 17:01:41--ERROR--NO_ERROR--NO_ERROR:No error.-0
2020:04:07 17:43:41--MODE--NORMAL
2020:04:09 00:00:10--MODE--LFM
2020:04:09 12:00:09--MODE--STANDBY
2020:04:09 12:00:39--MODE--NORMAL
2020:04:09 14:00:09--MODE--BURST
2020:04:09 15:00:09--MODE--NORMAL
2020:04:10 00:00:08--MODE--STANDBY
2020:04:10 00:00:38--MODE--NORMAL
2020:04:10 12:00:07--MODE--STANDBY
2020:04:10 12:00:37--MODE--NORMAL
2020:04:11 00:00:07--MODE--STANDBY
2020:04:11 00:00:37--MODE--NORMAL
2020:04:11 12:00:06--MODE--STANDBY
2020:04:11 12:00:36--MODE--NORMAL
2020:04:12 10:00:05--MODE--STANDBY
2020:04:12 10:01:05--MODE--NORMAL
2020:04:13 00:00:04--MODE--STANDBY
2020:04:13 00:00:34--MODE--NORMAL
2020:04:13 07:43:33--ERROR--ME_TDS_SW--SW_PROCTIMEOUT:TDS science processing timeout.-0
2020:04:13 12:00:03--MODE--STANDBY
2020:04:13 12:00:33--MODE--NORMAL
2020:04:14 00:00:03--MODE--STANDBY
2020:04:14 00:00:33--MODE--NORMAL
2020:04:15 01:04:01--MODE--STANDBY
2020:04:15 01:04:31--MODE--NORMAL
2020:04:16 12:04:28--MODE--STANDBY
2020:04:16 12:04:58--MODE--NORMAL
2020:04:17 01:04:58--MODE--STANDBY
2020:04:17 06:00:27--REJ--CNT-1-ID-7388-TYPE-181-SUBTYPE-71
2020:04:17 11:58:27--REJ--CNT-2-ID-7388-TYPE-181-SUBTYPE-71
2020:04:17 12:00:27--MODE--NORMAL
2020:04:17 12:04:27--MODE--STANDBY
2020:04:17 12:04:57--MODE--NORMAL
2020:04:18 12:04:26--MODE--STANDBY
2020:04:18 12:04:56--MODE--NORMAL
2020:04:18 22:04:25--MODE--STANDBY
2020:04:18 22:04:55--MODE--NORMAL
2020:04:19 12:04:25--MODE--STANDBY
2020:04:19 12:04:55--MODE--NORMAL
2020:04:19 22:04:24--MODE--STANDBY
2020:04:19 22:04:54--MODE--NORMAL
2020:04:20 06:04:23--MODE--STANDBY
2020:04:20 06:04:53--MODE--NORMAL
2020:04:20 12:00:23--MODE--BURST
2020:04:20 13:00:23--MODE--NORMAL
2020:04:20 18:04:23--MODE--STANDBY
2020:04:20 18:04:53--MODE--NORMAL
2020:04:21 06:04:21--MODE--STANDBY
2020:04:21 06:04:51--MODE--NORMAL
2020:04:21 12:00:22--MODE--BURST
2020:04:21 13:00:22--MODE--NORMAL
2020:04:21 18:04:21--MODE--STANDBY

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2020:04:21 18:04:51--MODE--NORMAL
2020:04:22 00:04:50--MODE--STANDBY
2020:04:22 00:05:20--MODE--NORMAL
2020:04:22 06:04:21--MODE--STANDBY
2020:04:22 06:04:51--MODE--NORMAL
2020:04:22 12:00:20--MODE--BURST
2020:04:22 13:00:20--MODE--NORMAL
2020:04:22 18:04:20--MODE--STANDBY
2020:04:22 18:04:49--MODE--NORMAL
2020:04:23 06:04:19--MODE--STANDBY
2020:04:23 06:04:49--MODE--NORMAL
2020:04:23 12:00:19--MODE--BURST
2020:04:23 13:00:19--MODE--NORMAL
2020:04:23 18:04:18--MODE--STANDBY
2020:04:23 18:04:48--MODE--NORMAL
2020:04:24 06:04:18--MODE--STANDBY
2020:04:24 06:04:48--MODE--NORMAL
2020:04:24 12:00:17--MODE--BURST
2020:04:24 13:00:17--MODE--NORMAL
2020:04:24 18:04:16--MODE--STANDBY
2020:04:24 18:04:46--MODE--NORMAL
2020:04:25 12:00:16--MODE--BURST
2020:04:25 13:00:15--MODE--NORMAL
2020:04:26 12:00:14--MODE--BURST
2020:04:26 13:00:14--MODE--NORMAL
2020:04:26 18:00:13--MODE--STANDBY
2020:04:26 18:00:43--MODE--NORMAL
2020:04:27 00:09:20--MODE--STANDBY
2020:04:27 00:09:20--ERROR--NO_ERROR--NO_ERROR:No error.-0
2020:04:27 00:09:20--REJ--CNT-0-ID-0-TYPE-0-SUBTYPE-0
2020:04:27 00:44:20--MODE--NORMAL
2020:04:27 12:04:20--MODE--STANDBY
2020:04:27 12:04:50--MODE--NORMAL
2020:04:27 12:59:20--MODE--STANDBY
2020:04:27 12:59:50--MODE--NORMAL
2020:04:28 12:04:19--MODE--STANDBY
2020:04:28 12:04:49--MODE--NORMAL
2020:04:28 23:59:18--MODE--STANDBY
2020:04:29 00:44:44--MODE--NORMAL
2020:04:29 00:48:44--MODE--SBM1
2020:04:29 07:00:15--MODE--SBM2
2020:04:29 07:05:15--ERROR--LE_TDS_SW--SW_PROCANOMALY:TDS science processing encounters unexpected result.-5
2020:04:29 09:00:14--MODE--SBM1
2020:04:29 09:00:14--REJ--CNT-1-ID-7388-TYPE-181-SUBTYPE-73
2020:04:29 11:55:14--MODE--NORMAL
2020:04:29 11:59:44--MODE--SBM1
2020:04:29 12:00:14--MODE--BURST
2020:04:29 13:00:14--MODE--SBM1
2020:04:29 23:55:13--MODE--NORMAL
2020:04:29 23:59:43--MODE--SBM1
2020:04:30 07:00:13--MODE--SBM2
2020:04:30 09:00:13--MODE--SBM1
2020:04:30 09:00:13--REJ--CNT-2-ID-7388-TYPE-181-SUBTYPE-73
2020:04:30 11:55:13--MODE--STANDBY
2020:04:30 11:55:43--MODE--NORMAL
2020:04:30 11:59:43--MODE--SBM1
2020:04:30 12:00:13--MODE--BURST
2020:04:30 13:00:12--MODE--SBM1
2020:04:30 23:55:11--MODE--STANDBY
2020:04:30 23:55:41--MODE--NORMAL
```