**从产品得到的信息值**

1第一条

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Station ID (GH station to be updated)** | **CBs to Check** | **Address to check** | **station\_fail\_count\_allowed** | **Station ID Address** | **Station Address Lookup** | **control\_bits\_to\_clear\_on\_pass** | **control\_bits\_to\_clear\_on\_fail** |
| CALLISTO-TEST | QT4 | 0x05 | 3 | 0x06 | 06 |  |  |
| QI-TEST | CALLISTO-TEST | 0x06 | 3 | 0x07 | 07 |  |  |

[cbread-06]<cbread-06:1528261972-0406-00-04-04-F>

2第二条

[cbread-07]<cbread-07:1528262314-0405-00-04-04-F>

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Station ID**  **(decimal)** | **Station ID**  **(Ox)** | **Station** | **Station ID** | **Control Bit Key** |
| **6** | **06** | CALLISTO-TEST | 06 | 9fd9eeb11a113bef9a14b4be8fb233fb6562794a |
| **7** | **07** | QI-TEST | 07 | 0599779462319d6e163d9967043c99b9fca11457 |

**客户提供的解码秘钥**

**CB key write and check as below:**

**测试流程的Test Plan**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Item** | **procedure** | **Communication Port** | **Description** | **Send Command** | **Command Response** | **Lower Limit** | **Upper Limit** |
| **DUT\_SN** | 1 | DUT | DUT reset | [SR] |  |  |  |
| 2 | DUT | Read B435 DUT SN | [FSN] | <fsn-CC4746302KDJM8N1C-ok> | N/A | N/A |
| **Set\_Shiptime** |  | DUT | set shiptime to 5 minutes | [SETSHIPTIME-300000] |  | 300000 | 300000 |
| **Check\_LastStation\_CB\_Result** |  | DUT | Check last station CB result | [cbread-05] |  | 1 | 1 |
| **Check\_CB\_FailCount** |  | DUT | Check this station fail count | [cbread-06] |  | 1 | 1 |
| **Write\_CB\_Str\_I** | 1 | DUT | Write CB string "I" | [cbwrite-06-0000000000000000000000000000000000000000-Timestamp-OverlayVersion-I] |  | 1 | 1 |
| 2 | DUT | Read CB string "I", make sure write OK | [cbread-06] |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Write\_CB** | 1 | DUT | Write CB result | [cbwrite-06-hashpasskey-Timestamp-OverlayVersion-Testresult] |  | 1 | 1 |
| 2 | DUT | Read CB string "P" or "F", make sure write OK | [cbread-06] |  |

最后一个测试项

1. Check\_LastStation\_CB\_Result

send [cbread-lastCBStation],

get [cbread-05]<cbread-05:1529980277-0105-00-00-00-P>

1. Check\_CB\_FailCount

send [cbread-thisCBStation]

get [cbread-06]<cbread-06:1531909083-1000-01-04-00-I>

*//如果次数大于等于STATION\_FAIL\_COUNT\_ALLOWED+1次，不作处理*

*//如果次数少于STATION\_FAIL\_COUNT\_ALLOWED+1，则缺多少次就发多少次Fail的cbwrite指令*

*//如果Json STATION\_SET\_CONTROL\_BIT\_ON\_OFF =OFF，也是不允许写的*

1. Write\_CB\_Str\_I

Send:[cbwrite-thisCBStation-0000000000000000000000000000000000000000-Timestamp-OverlayVersion-I]、[cbread-thisCBStation]

get:[cbwrite-06-0000000000000000000000000000000000000000-1531937972-0103-I]<cbwrite-06:ok>

[cbread-06]<cbread-06:1531937972-0103-01-04-00-I>

1. cbResultWrite

a) fail

send:[cbwrite-06-0000000000000000000000000000000000000000-1531943526-0103-F]

get :[cbwrite-06-0000000000000000000000000000000000000000-1531943526-0103-F]<cbwrite-06:ok>

send: [cbread-06]

get : [cbread-06]<cbread-06:1531943526-0103-01-06-02-F>

b)pass

send: [CBNONCE]

get : [CBNONCE]<cbnonce:B26B4893BF7C34C0C3FF8612149E679F6F73FEF5>

send: [cbwrite-06-09ba7db3a6a3b33d29f1910db704e939f200782b-1531938008-0103-P]

get :[cbwrite-06-09ba7db3a6a3b33d29f1910db704e939f200782b-1531938008-0103-P]<cbwrite-06:ok>

Send: [cbread-06]

Get : [cbread-06]<cbread-06:1531938008-0103-01-04-00-P>

*//把overlay版本和时间戳替换进去指令里*

*//如果在Write\_CB前，最终结果是Fail，着把指令里的Result替换成F，hashpasskey替换成0000000000000000000000000000000000000000*

*//如果在Write\_CB前，最终结果是Pass，着把指令里的Result替换成P，把hashpasskey替换成加密之后的key值*

*get cbkey*

*1. send* [CBNONCE]指令

*2.把*B26B4893BF7C34C0C3FF8612149E679F6F73FEF5*转化成0xcd 0xab 0x19 0x92 .....的格式*

*3.哈希算法转换*