Observed reader rebooting and then showing Self Test Failed on lcd after.

5/7/2020 14:19:50.223 [TX] - 56 69 56 4F 70 61 79 56 33 00 04 23 00 00 37 C2

5/7/2020 14:19:50.230 [RX] - 56 69 56 4F 70 61 79 56 33 00 04 23 00 00 01 04 45 37

2020-05-07 14:13:35 : 169 MS

Get SN (12-01)

TX:56 69 56 4F 74 65 63 68 32 00 12 01 00 00 18 A5

RX:56 69 56 4F 74 65 63 68 32 00 12 00 00 0F 39 31 39 54 37 36 34 35 32 31 00 00 00 00 00 8D B3

RX-ASCII:ViVOtech2919T764521??

Time Spent:220MS

Result:OK

2020-05-07 14:13:35 : 664 MS

SMFG Set White List (91-13)

TX:56 69 56 4F 74 65 63 68 32 00 91 13 00 00 FF CE

RX:56 69 56 4F 74 65 63 68 32 00 91 0A 00 00 13 0D

RX-ASCII:ViVOtech2?

Time Spent:220MS

Result:NG

2020-05-07 14:13:36 : 182 MS

SMFG Secure Task Control

TX:56 69 56 4F 74 65 63 68 32 00 90 07 00 00 E8 27

RX:56 69 56 4F 74 65 63 68 32 00 90 00 00 00 A2 78

RX-ASCII:ViVOtech2??x

Time Spent:218MS

Result:OK

2020-05-07 14:13:42 : 570 MS

Get White List (2C-51)

TX:56 69 56 4F 74 65 63 68 32 00 2C 51 00 00 65 75

RX:56 69 56 4F 74 65 63 68 32 00 2C 00 00 04 00 00 00 00 55 5B

RX-ASCII:ViVOtech2,U[

Time Spent:219MS

Result:OK

2020-05-07 14:13:43 : 064 MS

UMFG Secure Task Control

TX:56 69 56 4F 74 65 63 68 32 00 90 07 00 00 E8 27

RX:56 69 56 4F 74 65 63 68 32 00 90 00 00 00 A2 78

RX-ASCII:ViVOtech2??x

Time Spent:218MS

Result:OK

2020-05-07 14:13:48 : 097 MS

UMFG Device Reset

TX:56 69 56 4F 74 65 63 68 32 00 90 00 00 00 78 A2

RX:GET RESPONSE FAILED

Time Spent:200MS

Result:OK

2020-05-07 14:13:48 : 589 MS

Set Serial Number

TX:56 69 56 4F 74 65 63 68 32 00 90 10 00 00 1B E1

RX:56 69 56 4F 74 65 63 68 32 00 90 07 00 00 27 E8

RX-ASCII:ViVOtech2?'?

Time Spent:220MS

Result:NG

2020-05-07 14:13:55 : 947 MS

UMFG Set UTC

TX:56 69 56 4F 74 65 63 68 32 00 90 01 00 00 48 95

RX:56 69 56 4F 74 65 63 68 32 00 90 0A 00 00 65 B9

RX-ASCII:ViVOtech2?e?

Time Spent:219MS

Result:NG

2020-05-07 14:14:01 : 033 MS

UMFG Activate

TX:56 69 56 4F 74 65 63 68 32 00 90 02 00 01 00 F1 33

RX:GET RESPONSE FAILED

Time Spent:200MS

Result:OK

2020-05-07 14:14:01 : 530 MS

Load certificates

TX:56 69 56 4F 74 65 63 68 32 00 90 03 00 00 28 FB

RX:GET RESPONSE FAILED

Time Spent:200MS

Result:OK

2020-05-07 14:14:02 : 008 MS

UMFG Validate Certificate Tree

TX:56 69 56 4F 74 65 63 68 32 00 90 04 00 00 B8 7E

RX:GET RESPONSE FAILED

Time Spent:200MS

Result:OK

2020-05-07 14:14:02 : 498 MS

UMFG Lock

TX:56 69 56 4F 74 65 63 68 32 00 90 05 00 00 88 49

RX:GET RESPONSE FAILED

Time Spent:200MS

Result:OK

2020-05-07 14:14:02 : 976 MS

Reconnect

TX:56 69 56 4F 74 65 63 68 32 00 29 00 00 00 DE A0

RX:GET RESPONSE FAILED

Time Spent:200MS

Result:OK

2020-05-07 14:14:03 : 456 MS

Get Device Nonce (91-08)

TX:56 69 56 4F 74 65 63 68 32 00 91 08 00 01 00 0B F1

RX:GET RESPONSE FAILED

Time Spent:200MS

Result:OK

2020-05-07 14:14:03 : 957 MS

Restart (77-05)

TX:56 69 56 4F 74 65 63 68 32 00 77 05 00 00 4F 9C

RX:GET RESPONSE FAILED

Time Spent:200MS

Result:OK

2020-05-07 14:14:06 : 419 MS

UMFG Device Reset

TX:56 69 56 4F 74 65 63 68 32 00 90 00 00 00 78 A2

RX:56 69 56 4F 74 65 63 68 32 00 90 00 02 FD 06 67 46 F4 D6 02 00 00 F3 02 30 82 02 EF 30 82 01 D7 02 01 02 30 81 88 31 0B 30 09 06 03 55 04 06 13 02 55 53 31 0B 30 09 06 03 55 04 08 0C 02 43 41 31 10 30 0E 06 03 55 04 07 0C 07 43 59 50 52 45 53 53 31 10 30 0E 06 03 55 04 0A 0C 07 49 44 20 54 45 43 48 31 0C 30 0A 06 03 55 04 0B 0C 03 30 30 31 31 13 30 11 06 03 55 04 03 0C 0A 39 31 39 54 37 36 34 35 32 31 31 25 30 23 06 09 2A 86 48 86 F7 0D 01 09 01 16 16 77 77 77 2E 69 64 74 65 63 68 70 72 6F 64 75 63 74 73 2E 63 6F 6D 30 82 01 22 30 0D 06 09 2A 86 48 86 F7 0D 01 01 01 05 00 03 82 01 0F 00 30 82 01 0A 02 82 01 01 00 D6 80 03 03 08 16 74 78 5D 6C A0 C7 30 A8 71 9B 07 00 B0 B3 CF 98 94 3E 55 2B F4 68 5D 76 EC 82 9A FE FB 1C 4D A1 5A 2C EC 4E 3B 1C 33 CD 98 59 9F D1 7E AF 20 7E 1A 00 6D E8 C4 16 5F 91 AF 1F 03 62 02 BA 7C 23 34 35 3C 2B 5F 5C FD 83 EE D7 BD 79 E4 B9 05 52 27 C7 CE 2A F9 7B A0 68 D0 5C 51 FB B3 C1 CB C3 21 B9 6A 1C B8 B7 21 75 3F A9 57 38 62 02 DA E3 9C D9 78 2F 16 EE 5E 9E 5B F1 FD 73 83 8E 91 D9 68 8C 66 91 6B 57 8A 0B FC CD 2A B0 7A 9D B4 C3 6E AB 73 A5 4D 81 CF 14 62 CF 3D 73 67 E4 EE 67 F0 E9 9F D1 E4 5B 74 C0 CA 5F 50 4A 3F BE FB A1 46 48 42 81 43 5B 33 F9 13 20 1E 11 B8 60 E9 D0 38 75 3F 5F 6F 7C 2F 33 A3 ED 1E 5A C0 20 E5 D4 E0 AF FB D3 D9 06 8D 79 36 05 77 68 CB 45 A1 DA 43 26 12 DE A5 9F 59 92 65 5C 1F 33 D9 8F 66 8D 7A BD 1B 50 09 1E 22 CE 7D 1F 02 03 01 00 01 A0 21 30 1F 06 09 2A 86 48 86 F7 0D 01 09 0E 31 12 30 10 30 0E 06 03 55 1D 0F 01 01 FF 04 04 03 02 05 20 30 0D 06 09 2A 86 48 86 F7 0D 01 01 0B 05 00 03 82 01 01 00 D0 FA 7E 7C 50 D8 BA 43 84 CB A0 A7 45 13 D1 D6 E8 4C 48 FF 25 0A CE 4D 42 94 19 6E 56 DA C9 D6 EE BF 5C BE 4E E9 CC 56 2F BF 55 AC F4 F1 7B C9 F4 6B DA D7 4D AB EE 33 CF 83 46 0B 50 D0 AF FC 8B 8D 77 6F B6 14 D0 02 C0 5A 30 6E EA C6 C0 F5 FA E0 B7 8D AA E5 B4 AA 4B 2E 60 EF 5D EE D7 97 15 AF DA 65 37 DF 04 EA 3D C8 AB 73 B0 F1 8B DE E7 35 29 44 D4 C5 E1 42 A3 36 95 BE DC 26 5D 38 D7 01 4C AC 08 BF C1 52 E1 96 22 8A 06 6B 56 9B BF 9A 5F 5D F2 7C C1 9B 25 66 1B D7 68 E2 90 17 B8 D8 D8 0A BC 1B 5D 8A 93 78 9F E6 69 CE E3 DA 53 CA B8 44 E9 22 10 DE 06 43 81 41 AD FF 0E 92 95 38 0E C9 B5 DF 7A 3F 89 B0 35 57 78 89 74 B2 3B B9 59 A3 F2 21 66 30 35 7B 85 81 95 F8 23 44 87 F8 66 3C 04 47 3A 71 CE 89 E5 66 AA 01 F9 7F BC 5D A5 91 77 06 56 25 38 3B 2E 82 F9 7F DF C2 82 38 56 69 56 4F 74 65 63 68 32 00 90 0A 00 00 65 B9 56 69 56 4F 74 65 63 68 32 00 90 0A 00 00 65 B9 56 69 56 4F 74 65 63 68 32 00 90 0A 00 00 65 B9 56 69 56 4F 74 65 63 68 32 00 29 00 00 1B 4B 48 30 20 41 52 20 33 2E 30 2E 30 2E 44 20 42 75 69 6C 64 3A 32 36 31 38 38 00 D7 E8 56 69 56 4F 74 65 63 68 32 00 91 0A 00 00 13 0D 56 69 56 4F 74 65 63 68 32 00 77 00 00 00 77 BF

RX-ASCII:ViVOtech2??gF???0??0??0??10 UUS10 UCA10UCYPRESS10UID TECH10U00110U919T7645211%0# \*?H?? www.idtechproducts.com0?"0 \*?H???0????tx]l??0?q??????>U+?h]v?????M?Z,?N;3??Y??~? ~m??\_??b?|#45<+\_\?????y??R'??\*?{?h?\Q?????!?j??!u??W8b????x/?^?[??s????h?f?kW???\*?z???n?s?M??b?=sg??g?????[t??\_PJ????FHB?C[3? ?`??8u?\_o|/3??Z? ????????y6wh?E??C&???Y?e\3??f?z?P "?}?!0 \*?H?? 100U? 0 \*?H?????~|P??C????E???LH?%?MB?nV?????\?N??V/?U???{??k??M??3??FP?????wo???Z0n????????????K.`?]?????e7??=??s?????5)D???B?6???&]8?L???R??"?kV???\_]?|??%f?h??????]??x??i???S??D?"?C?A????8???z???5Wx?t?;?Y??!f05{????#D??f<G:q???f???]??wV%8;.?????8ViVOtech2?e?ViVOtech2?e?ViVOtech2?e?ViVOtech2)KH0 AR 3.0.0.D Build:26188??ViVOtech2?ViVOtech2ww?

Time Spent:427MS

CRC Check Error, Please check!

Result:OK

2020-05-07 14:14:07 : 170 MS

Set Serial Number

TX:56 69 56 4F 74 65 63 68 32 00 90 10 00 00 1B E1

RX:56 69 56 4F 74 65 63 68 32 00 90 07 00 00 27 E8

RX-ASCII:ViVOtech2?'?

Time Spent:226MS

Result:NG

2020-05-07 14:15:47 : 947 MS

UMFG Set UTC

Fail : Command Format Error!