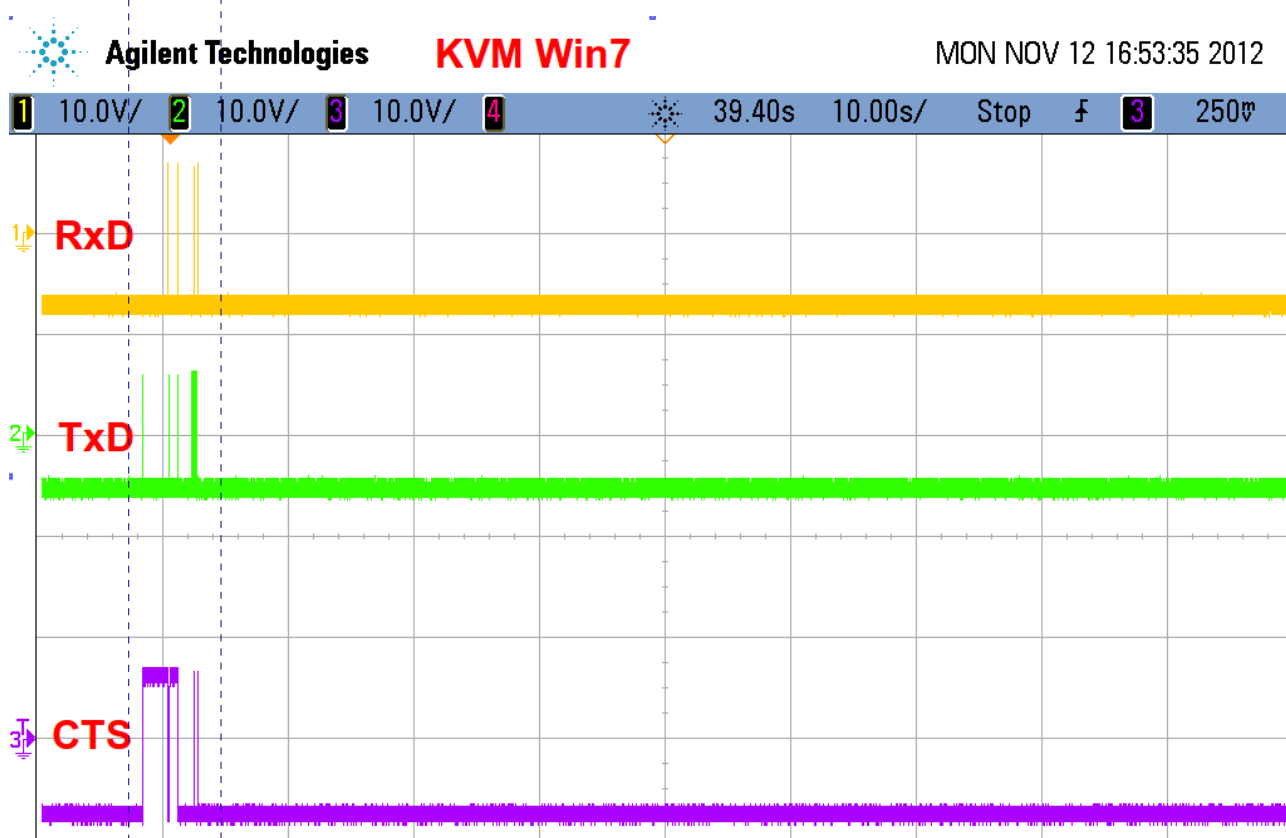
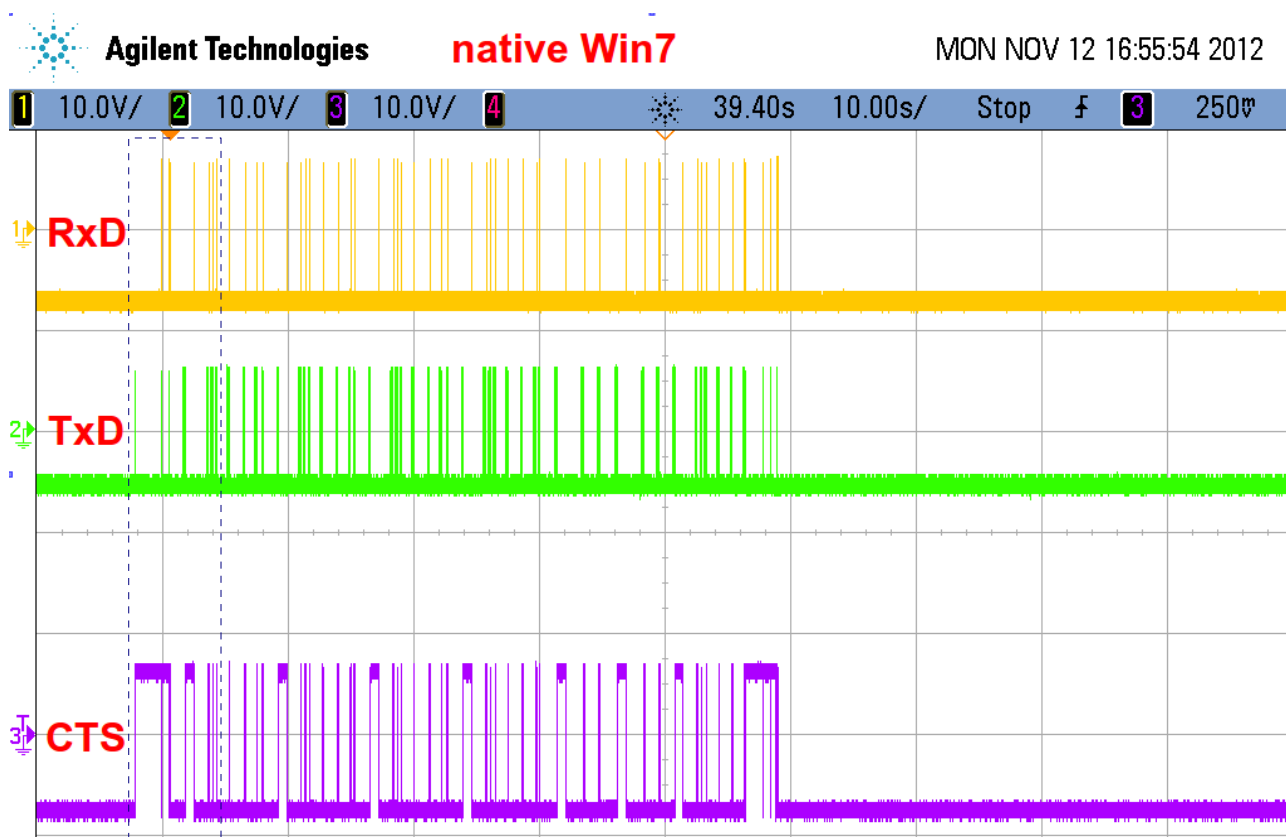


# Comparison Magelan 8200 scanner native Windows 7 and virtual Windows 7 KVM/RHEL62



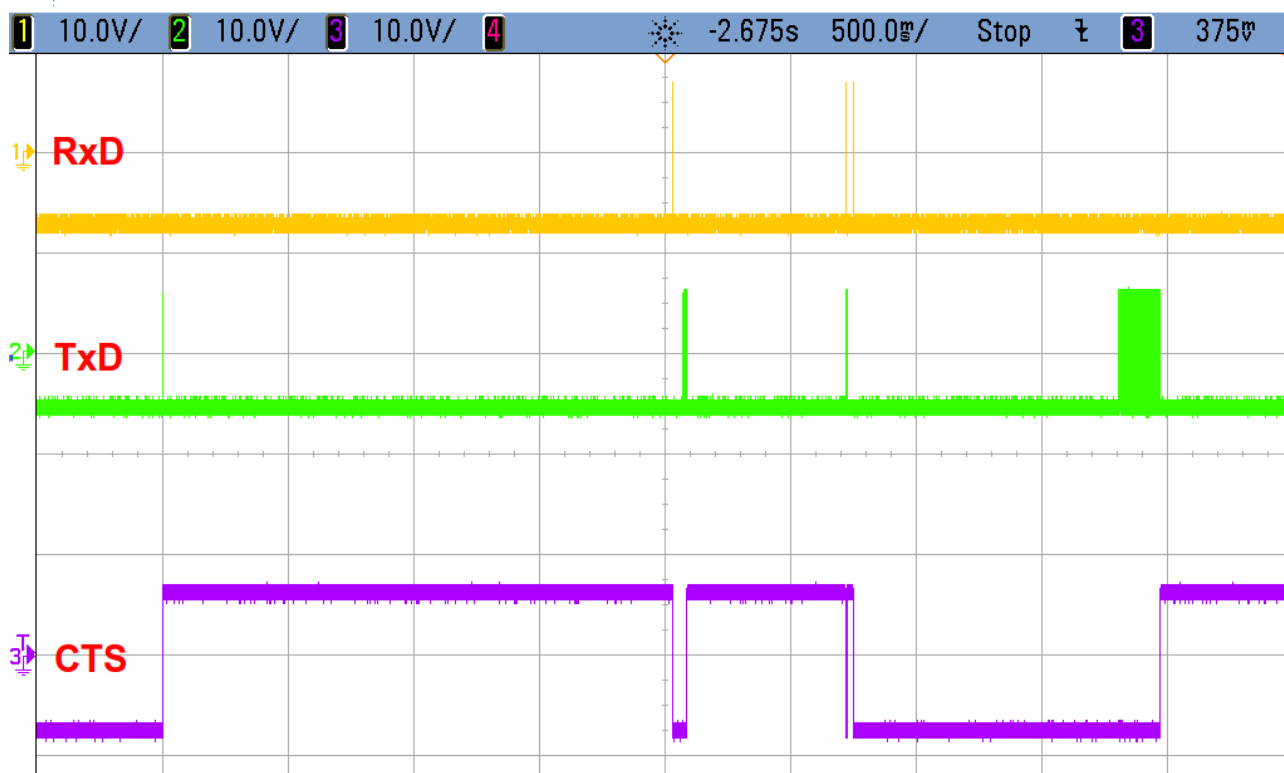
Range shown on next page



Agilent Technologies

native Win7

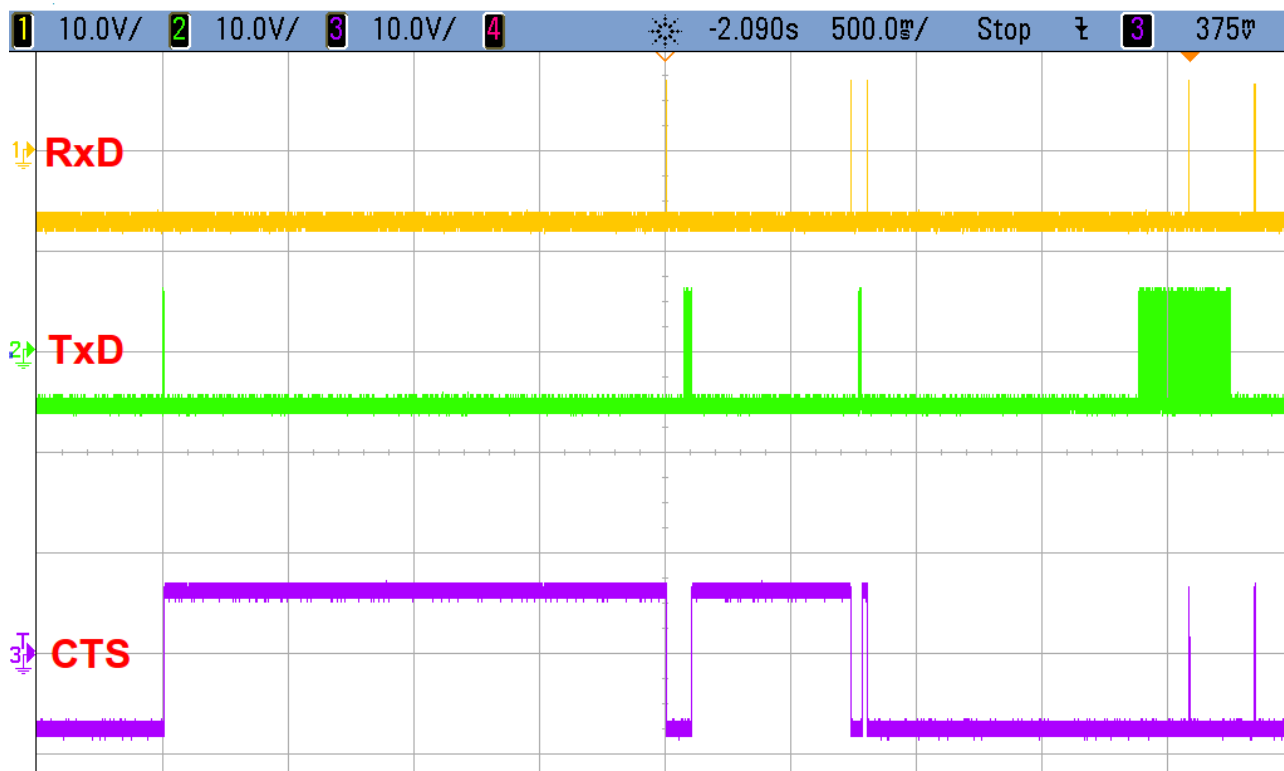
MON NOV 12 17:21:37 2012



Agilent Technologies

KVM Win7

MON NOV 12 17:20:38 2012



native Windows

Setup:

KVM Win7

Brainboxes VX001 FTDI managed via Linux ftdi\_sio  
/dev/ttyUSB0 redirected as serial port device to COM2

SUCCESS

LOG:

---

**000001: PnP Event (DOWN), 15.11.2012 21:44:03.086**

The device has just been connected to the system.

**000002: Write Request (DOWN), 15.11.2012 21:44:20.336 +17.250**

Buffer size: 0x5 bytes

01 03 00 18 E4 . . . . ä

**000023: Read Request (UP), 15.11.2012 21:44:22.383 +0.0**

Buffer size: 0x1 bytes

Status: 0x00000000

06 .

**000031: Write Request (DOWN), 15.11.2012 21:44:22.430 +0.031**

Buffer size: 0x17 bytes

01 15 00 45 80 1E 02 00 46 80 60 0A 52 39 36 2D . . . E € . . . F € ` . R96 -  
38 37 35 36 20 20 CD 8756 í

**000093: Read Request (UP), 15.11.2012 21:44:23.071 +0.0**

Buffer size: 0x1 bytes

Status: 0x00000000

06 .

**000096: Write Request (DOWN), 15.11.2012 21:44:23.071 +0.0**

Buffer size: 0x8 bytes

01 06 00 45 7F FE 01 36 . . . E m p . 6

**000125: Read Request (UP), 15.11.2012 21:44:23.102 +0.0**

Buffer size: 0x1 bytes

Status: 0x00000000

06 .

**000133: Write Request (DOWN), 15.11.2012 21:44:24.165 +1.062**

Buffer size: 0xfa bytes

01 F8 00 45 80 1E 02 00 05 00 14 02 00 16 08 00 . 0 . E € . . . . . . . . . .  
19 04 00 1D 01 00 1F 00 00 21 00 00 22 00 80 24 . . . . . . . . ! . . " . € \$  
02 41 00 80 25 02 45 00 80 26 02 46 46 80 27 02 . A . € % . E . € & . F F € ' .  
46 00 80 2D 02 41 00 80 2E 02 41 00 80 2F 02 45 F . € - . A . € . . A . € / . E  
00 80 30 02 45 00 80 31 02 46 00 80 32 02 46 00 . € 0 . E . € 1 . F . € 2 . F .  
80 33 02 46 46 80 34 02 46 46 80 35 02 2A 00 80 € 3 . F F € 4 . F F € 5 . \* . €  
36 02 69 00 80 37 02 25 00 80 38 02 26 00 80 39 6 . i . € 7 . % . € 8 . & . € 9  
02 23 00 00 40 00 00 41 00 00 43 00 00 44 00 00 . # . . @ . . A . . C . . D . .  
4B 01 00 4C 10 00 4D 28 00 4E 28 00 4F 14 00 55 K . . L . . M ( . N ( . O . . U  
00 00 56 0A 00 57 00 80 58 02 21 22 80 59 02 21 . . V . . W . € X . ! " € Y . !  
28 80 5A 02 21 29 80 5B 02 21 22 00 5C 00 00 5F ( € Z . ! ) € [ . ! " . \ . . \_  
02 00 61 01 00 62 02 00 64 01 00 65 01 00 67 01 . . a . . b . . d . . e . . g .  
00 68 01 00 6B 01 00 6C 01 00 6D 01 00 6E 01 00 . h . . k . . l . . m . . n . .  
6F 01 00 70 00 00 71 00 00 72 00 00 73 00 00 74 o . . p . . q . . r . . s . . t  
00 00 75 03 00 7D 01 00 85 02 00 86 01 00 8A 01 . . u . . } . . . . . . . † . . Š .  
00 8B 01 00 8C 01 00 8E 01 2D . < . . € . . Ž . -

**000645: Read Request (UP), 15.11.2012 21:44:25.008 +0.0**

Buffer size: 0x1 bytes

Status: 0x00000000

06 .

**000653: Write Request (DOWN), 15.11.2012 21:44:25.977 +0.968**

Buffer size: 0xe7 bytes

01 E5 00 45 00 8F 00 00 90 00 00 91 00 00 92 01	.â.E.▯.▯.'...'
00 93 00 00 99 00 00 9B 01 00 9C 00 00 B7 01 00	..™...>...œ.....
B8 01 00 B9 01 80 BD 02 40 00 00 BE 01 00 BF 01	,...¹.€½.@...¾...¿.
00 C1 00 00 CB 07 00 CC 08 00 CD 00 00 D1 01 00	.Ă..Ě..Ī..Ĭ..Ň..
D3 01 00 EE 00 00 EF 01 80 F0 02 41 00 00 F6 00	Ó..î..ĭ.€ð.A..ö.
00 F9 00 00 FA 02 02 00 00 02 05 01 02 07 01 02	.ù..ú.....
08 00 02 0E 06 02 0F 00 02 16 01 02 17 00 02 1B	.....
00 02 24 00 02 2B 00 02 2E 03 02 2F 00 02 32 00	..\$.+...../..2.
02 33 00 02 38 08 02 39 0E 02 44 01 02 48 01 02	.3..8..9..D..H..
85 00 02 AA 00 02 C7 00 02 C8 04 02 C9 02 02 CA	....ª..Ç..Ě..É..Ě
08 02 CB 02 02 D0 01 02 D1 01 02 D2 01 02 D3 01	..Ě..Đ..Ň..Ò..Ó.
02 D8 00 82 D9 12 41 00 00 00 00 00 00 00 00 00	.Ø.,Û.A.....
00 00 00 00 00 00 00 00 02 FB 01 03 01 02 03 05	.....û.....
00 83 06 12 46 01 41 41 00 00 00 00 00 00 00	.f..F.AA.....
00 00 00 00 00 00 5A	.....Z

001131: Read Request (UP), 15.11.2012 21:44:26.180 +0.0

Buffer size: 0x1 bytes

Status: 0x00000000

06	.
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001135: Write Request (DOWN), 15.11.2012 21:44:26.352 +0.171

Buffer size: 0xec bytes

01 EA 00 45 83 07 12 46 01 45 58 00 01 00 00 00	.ê.Ef..F.EX.....
00 00 00 00 00 00 00 00 00 83 08 12 46 02 46 46	.....f..F.FF
41 00 00 00 00 00 00 00 00 00 00 00 00 83 09	A.....f.
12 46 01 46 41 00 00 00 00 00 00 00 00 00 00	.F.FA.....
00 00 00 83 0A 12 46 01 2A 58 01 01 00 00 00 00	...f..F.*X.....
00 00 00 00 00 00 00 00 83 0B 12 46 01 69 41 00	.....f..F.îA.
00 00 00 00 00 00 00 00 00 00 00 00 83 0C 12	.....f..
46 01 25 58 01 01 00 00 00 00 00 00 00 00 00	F.%X.....
00 00 83 0D 12 46 01 23 41 00 00 00 00 00 00 00	..f..F.#A.....
00 00 00 00 00 00 00 83 0E 12 46 01 40 41 00 00	.....f..F.@A..
00 00 00 00 00 00 00 00 00 00 00 00 83 0F 12 46	.....f..F
01 41 41 00 00 00 00 00 00 00 00 00 00 00 00	.AA.....
00 83 10 12 46 01 41 41 00 00 00 00 00 00 00	.f..F.AA.....
00 00 00 00 00 00 83 11 12 46 01 41 41 00 00 00	.....f..F.AA...
00 00 00 00 00 00 00 00 00 00 00 CD	.....Ī

001619: Read Request (UP), 15.11.2012 21:44:26.493 +0.0

Buffer size: 0x1 bytes

Status: 0x00000000

06	.
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001627: Write Request (DOWN), 15.11.2012 21:44:26.665 +0.171

Buffer size: 0xee bytes

01 EC 00 45 83 12 12 46 01 43 4D FF 01 07 4D FF	.ì.Ef..F.CMÿ..Mÿ
09 0A 00 00 00 00 00 00 83 13 12 46 01 43 4D	.....f..F.CM
FF 01 07 4D FF 09 0D 00 00 00 00 00 00 83 14	ÿ..Mÿ.....f.
12 46 01 43 4D FF 01 07 4D FF 09 21 00 00 00 00	.F.CMÿ..Mÿ.!....
00 00 00 83 15 12 46 02 46 46 41 00 00 00 00 00	...f..F.FFA.....
00 00 00 00 00 00 00 83 16 12 46 02 46 46 41	.....f..F.FFA
00 00 00 00 00 00 00 00 00 00 00 00 83 17 12	.....f..
46 02 46 46 41 00 00 00 00 00 00 00 00 00 00	F.FFA.....
00 00 83 18 12 46 01 46 41 00 00 00 00 00 00 00	..f..F.FA.....
00 00 00 00 00 00 83 19 12 46 01 46 41 00 00	.....f..F.FA..
00 00 00 00 00 00 00 00 00 00 00 83 1A 12 46	.....f..F
01 46 41 00 00 00 00 00 00 00 00 00 00 00 00	.FA.....
00 83 1C 12 46 01 41 58 01 01 00 00 00 00 00 00	.f..F.AX.....
00 00 00 00 00 00 83 1D 14 00 00 00 00 00 00	.....f.....
00 00 00 00 00 00 00 00 00 00 00 0A	.....

002115: Read Request (UP), 15.11.2012 21:44:26.805 +0.0

Buffer size: 0x1 bytes

Status: 0x00000000

06	.
----	---

----- cut -----

Setup:

KVM Win7

Brainboxes VX001 FTDI redirected via SPICE / USB device redirection

FAILED configuration flashing at 3%

LOG:

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**000001: PnP Event (DOWN), 15.11.2012 14:43:11.455**

The device has just been connected to the system.

**000002: Write Request (DOWN), 15.11.2012 14:43:37.548 +26.093**

Buffer size: 0x5 bytes

01 03 00 18 E4 . . . . ä

**000027: Read Request (UP), 15.11.2012 14:43:39.611 +0.0**

Buffer size: 0x1 bytes

Status: 0x00000000

06 .

**000031: Write Request (DOWN), 15.11.2012 14:43:39.658 +0.046**

Buffer size: 0x17 bytes

01 15 00 45 80 1E 02 00 46 80 60 0A 52 39 36 2D . . . E€ . . . F€ ` . R96 -  
38 37 35 36 20 20 CD 8756 İ

**000093: Read Request (UP), 15.11.2012 14:43:40.345 +0.0**

Buffer size: 0x1 bytes

Status: 0x00000000

06 .

**000096: Write Request (DOWN), 15.11.2012 14:43:40.345 +0.0**

Buffer size: 0x8 bytes

01 06 00 45 7F FE 01 36 . . . Eµþ . 6

**000129: Read Request (UP), 15.11.2012 14:43:40.423 +0.0**

Buffer size: 0x1 bytes

Status: 0x00000000

06 .

**000133: Write Request (DOWN), 15.11.2012 14:43:41.486 +1.062**

Buffer size: 0xfa bytes

01 F8 00 45 80 1E 02 00 05 00 14 02 00 16 08 00 . 0 . E€ . . . . . . . . . .  
19 04 00 1D 01 00 1F 00 00 21 00 00 22 00 80 24 . . . . . . . ! . . " . € \$  
02 41 00 80 25 02 45 00 80 26 02 46 46 80 27 02 . A . € % . E . € & . F F € ' .  
46 00 80 2D 02 41 00 80 2E 02 41 00 80 2F 02 45 F . € - . A . € . . A . € / . E  
00 80 30 02 45 00 80 31 02 46 00 80 32 02 46 00 . € 0 . E . € 1 . F . € 2 . F .  
80 33 02 46 46 80 34 02 46 46 80 35 02 2A 00 80 € 3 . F F € 4 . F F € 5 . \* . €  
36 02 69 00 80 37 02 25 00 80 38 02 26 00 80 39 6 . i . € 7 . % . € 8 . & . € 9  
02 23 00 00 40 00 00 41 00 00 43 00 00 44 00 00 . # . . @ . . A . . C . . D . .  
4B 01 00 4C 10 00 4D 28 00 4E 28 00 4F 14 00 55 K . . L . . M ( . N ( . O . . U  
00 00 56 0A 00 57 00 80 58 02 21 22 80 59 02 21 . . V . . W . € X . ! " € Y . !  
28 80 5A 02 21 29 80 5B 02 21 22 00 5C 00 00 5F ( € Z . ! ) € [ . ! " . \ . \_  
02 00 61 01 00 62 02 00 64 01 00 65 01 00 67 01 . . a . . b . . d . . e . . g .  
00 68 01 00 6B 01 00 6C 01 00 6D 01 00 6E 01 00 . h . . k . . l . . m . . n . .  
6F 01 00 70 00 00 71 00 00 72 00 00 73 00 00 74 o . . p . . q . . r . . s . . t  
00 00 75 03 00 7D 01 00 85 02 00 86 01 00 8A 01 . . u . . } . . . . . . . † . . Š .  
00 8B 01 00 8C 01 00 8E 01 2D . < . . € . . Ž . -

**000639: Read Request (UP), 15.11.2012 14:43:41.845 +0.0**

Buffer size: 0x1 bytes

Status: 0x00000000

**15** .

**000642: I/O Request (DOWN), 15.11.2012 14:43:41.845 +0.0**

IOCTL\_SERIAL\_PURGE: Purge requests

Purge mask=RXCLEAR: Write buffer

**000643: I/O Request (UP), 15.11.2012 14:43:41.845 +0.0**

IOCTL\_SERIAL\_PURGE: Purge requests

**000659: Read Request (UP), 15.11.2012 14:43:41.956 +0.0**

Buffer size: 0x1 bytes

Status: 0x00000000