

## Packages - Bug #2507

### [ath9k]: wifi works but not bluetooth

2019-10-14 09:58 PM - pisechka

<b>Status:</b> not-a-bug	<b>% Done:</b> 0%
<b>Priority:</b> bug	
<b>Assignee:</b>	
<b>Category:</b>	
<b>Description</b> Bluetooth with ath9k driver don't work. After "Enable Bluetooth" in blueman-progs a tray-icon hide and any blueman progs don't see bluetooth adapter, bluetoothctl also too don't see adapter all time. #sudo rmmod btusb #sudo modprobe btusb don't fix this, restart bluetooth.service and blueman-mechanism.service too. I'm really need a bluetooth. Help me please.	

### History

#### #1 - 2019-10-14 11:29 PM - bill-auger

are you sure that the hardware is supported by ath9k ? what does  
`lsusb -v` show?

#### #2 - 2019-10-15 06:20 PM - pisechka

bill-auger wrote:

are you sure that the hardware is supported by ath9k ? what does  
`lsusb -v` show?

I'm use msata module, have wifi in parabola also bluetooth on another OSs.

```
Bus 001 Device 005: Foxconn / Hon Hai
Device Descriptor:
  bLength                18
  bDescriptorType        1
  bcdUSB                 1.10
  bDeviceClass           224 Wireless
  bDeviceSubClass        1 Radio Frequency
  bDeviceProtocol        1 Bluetooth
  bMaxPacketSize0        64
  idVendor               0x0489 Foxconn / Hon Hai
  idProduct              0xe04e
  bcdDevice              0.01
  iManufacturer          1 (error)
  iProduct               2 (error)
  iSerial                3 (error)
  bNumConfigurations     1
Configuration Descriptor:
  bLength                9
  bDescriptorType        2
  wTotalLength           0x00b1
  bNumInterfaces         2
  bConfigurationValue    1
  iConfiguration         4 (error)
  bmAttributes           0xe0
    Self Powered
    Remote Wakeup
  MaxPower               100mA
Interface Descriptor:
  bLength                9
  bDescriptorType        4
  bInterfaceNumber       0
  bAlternateSetting      0
  bNumEndpoints          3
  bInterfaceClass        224 Wireless
  bInterfaceSubClass     1 Radio Frequency
```

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bInterfaceProtocol      1 Bluetooth
iInterface              0
Endpoint Descriptor:
  bLength                7
  bDescriptorType        5
  bEndpointAddress       0x81 EP 1 IN
  bmAttributes           3
    Transfer Type        Interrupt
    Synch Type           None
    Usage Type           Data
  wMaxPacketSize         0x0010 1x 16 bytes
  bInterval              1
Endpoint Descriptor:
  bLength                7
  bDescriptorType        5
  bEndpointAddress       0x82 EP 2 IN
  bmAttributes           2
    Transfer Type        Bulk
    Synch Type           None
    Usage Type           Data
  wMaxPacketSize         0x0040 1x 64 bytes
  bInterval              1
Endpoint Descriptor:
  bLength                7
  bDescriptorType        5
  bEndpointAddress       0x02 EP 2 OUT
  bmAttributes           2
    Transfer Type        Bulk
    Synch Type           None
    Usage Type           Data
  wMaxPacketSize         0x0040 1x 64 bytes
  bInterval              1
Interface Descriptor:
  bLength                9
  bDescriptorType        4
  bInterfaceNumber       1
  bAlternateSetting      0
  bNumEndpoints          2
  bInterfaceClass        224 Wireless
  bInterfaceSubClass     1 Radio Frequency
  bInterfaceProtocol     1 Bluetooth
  iInterface             0
Endpoint Descriptor:
  bLength                7
  bDescriptorType        5
  bEndpointAddress       0x83 EP 3 IN
  bmAttributes           1
    Transfer Type        Isochronous
    Synch Type           None
    Usage Type           Data
  wMaxPacketSize         0x0000 1x 0 bytes
  bInterval              1
Endpoint Descriptor:
  bLength                7
  bDescriptorType        5
  bEndpointAddress       0x03 EP 3 OUT
  bmAttributes           1
    Transfer Type        Isochronous
    Synch Type           None
    Usage Type           Data
  wMaxPacketSize         0x0000 1x 0 bytes
  bInterval              1
Interface Descriptor:
  bLength                9
  bDescriptorType        4
  bInterfaceNumber       1
  bAlternateSetting      1
  bNumEndpoints          2
  bInterfaceClass        224 Wireless
  bInterfaceSubClass     1 Radio Frequency
  bInterfaceProtocol     1 Bluetooth
  iInterface             0
Endpoint Descriptor:
  bLength                7
  bDescriptorType        5

```

```

bEndpointAddress      0x83  EP 3 IN
bmAttributes           1
  Transfer Type       Isochronous
  Synch Type          None
  Usage Type          Data
wMaxPacketSize        0x0009  1x 9 bytes
bInterval              1
Endpoint Descriptor:
  bLength              7
  bDescriptorType      5
  bEndpointAddress     0x03  EP 3 OUT
  bmAttributes         1
    Transfer Type     Isochronous
    Synch Type        None
    Usage Type        Data
  wMaxPacketSize       0x0009  1x 9 bytes
  bInterval            1
Interface Descriptor:
  bLength              9
  bDescriptorType      4
  bInterfaceNumber     1
  bAlternateSetting    2
  bNumEndpoints        2
  bInterfaceClass      224  Wireless
  bInterfaceSubClass   1  Radio Frequency
  bInterfaceProtocol   1  Bluetooth
  iInterface           0
Endpoint Descriptor:
  bLength              7
  bDescriptorType      5
  bEndpointAddress     0x83  EP 3 IN
  bmAttributes         1
    Transfer Type     Isochronous
    Synch Type        None
    Usage Type        Data
  wMaxPacketSize       0x0011  1x 17 bytes
  bInterval            1
Endpoint Descriptor:
  bLength              7
  bDescriptorType      5
  bEndpointAddress     0x03  EP 3 OUT
  bmAttributes         1
    Transfer Type     Isochronous
    Synch Type        None
    Usage Type        Data
  wMaxPacketSize       0x0011  1x 17 bytes
  bInterval            1
Interface Descriptor:
  bLength              9
  bDescriptorType      4
  bInterfaceNumber     1
  bAlternateSetting    3
  bNumEndpoints        2
  bInterfaceClass      224  Wireless
  bInterfaceSubClass   1  Radio Frequency
  bInterfaceProtocol   1  Bluetooth
  iInterface           0
Endpoint Descriptor:
  bLength              7
  bDescriptorType      5
  bEndpointAddress     0x83  EP 3 IN
  bmAttributes         1
    Transfer Type     Isochronous
    Synch Type        None
    Usage Type        Data
  wMaxPacketSize       0x0019  1x 25 bytes
  bInterval            1
Endpoint Descriptor:
  bLength              7
  bDescriptorType      5
  bEndpointAddress     0x03  EP 3 OUT
  bmAttributes         1
    Transfer Type     Isochronous
    Synch Type        None
    Usage Type        Data

```

```

    wMaxPacketSize      0x0019  1x 25 bytes
    bInterval           1
Interface Descriptor:
  bLength              9
  bDescriptorType      4
  bInterfaceNumber     1
  bAlternateSetting    4
  bNumEndpoints        2
  bInterfaceClass      224 Wireless
  bInterfaceSubClass   1 Radio Frequency
  bInterfaceProtocol   1 Bluetooth
  iInterface           0
Endpoint Descriptor:
  bLength              7
  bDescriptorType      5
  bEndpointAddress     0x83  EP 3 IN
  bmAttributes         1
    Transfer Type      Isochronous
    Synch Type         None
    Usage Type         Data
  wMaxPacketSize      0x0021  1x 33 bytes
  bInterval           1
Endpoint Descriptor:
  bLength              7
  bDescriptorType      5
  bEndpointAddress     0x03  EP 3 OUT
  bmAttributes         1
    Transfer Type      Isochronous
    Synch Type         None
    Usage Type         Data
  wMaxPacketSize      0x0021  1x 33 bytes
  bInterval           1
Interface Descriptor:
  bLength              9
  bDescriptorType      4
  bInterfaceNumber     1
  bAlternateSetting    5
  bNumEndpoints        2
  bInterfaceClass      224 Wireless
  bInterfaceSubClass   1 Radio Frequency
  bInterfaceProtocol   1 Bluetooth
  iInterface           0
Endpoint Descriptor:
  bLength              7
  bDescriptorType      5
  bEndpointAddress     0x83  EP 3 IN
  bmAttributes         1
    Transfer Type      Isochronous
    Synch Type         None
    Usage Type         Data
  wMaxPacketSize      0x0031  1x 49 bytes
  bInterval           1
Endpoint Descriptor:
  bLength              7
  bDescriptorType      5
  bEndpointAddress     0x03  EP 3 OUT
  bmAttributes         1
    Transfer Type      Isochronous
    Synch Type         None
    Usage Type         Data
  wMaxPacketSize      0x0031  1x 49 bytes
  bInterval           1
Device Status:        0x0003
  Self Powered
  Remote Wakeup Enabled

```

### #3 - 2019-10-18 05:25 PM - pisechka

So this is not a solvable problem?

### #4 - 2019-10-18 07:21 PM - freemor

Did some searching on "0489:e04e" and bluetooth. Lotsa folks having trouble with this one. Looks like the bluetooth side needs proprietary firmware.

### #5 - 2019-10-19 01:54 AM - bill-auger

- Status changed from unconfirmed to not-a-bug

- Subject changed from ath9k bluetooth to [ath9k]: Foxconn / Hon Hai wifi works but not bluetooth

if freemor's conclusion is correct ,then there is no "problem" exactly - you are experiencing the expected behavior of trying to use hardware that require proprietary firmware with a 100% libre OS - i can think of at last three "solutions" though:

- A) buy a new one
- B) keep the one you have; but do not use bluetooth
- C) remove 'your-freedom' and use the proprietary blob

though, we do not recommend 'C' and can not support it - we consider that to be a concession rather than a solution

**#6 - 2019-10-19 01:54 AM - bill-auger**

- Subject changed from [ath9k]: Foxconn / Hon Hai wifi works but not bluetooth to [ath9k]: wifi works but not bluetooth

**#7 - 2019-10-20 11:27 AM - pisechka**

Now "\$rkill list" dont show bluetooth in list.  
Last update removed support bluetooth from my hardware?

**#8 - 2019-10-20 11:51 AM - freemor**

Did you reboot after the update?

I only ask because he have had other times where people would say "Updating broke my X..." Only to find out they hadn't rebooted and that the system was in a irregular state (trying to load the old versions of kernel modules and not finding them, etc.)

**#9 - 2019-10-20 12:04 PM - pisechka**

freemor wrote:

Did you reboot after the update?

I only ask because he have had other times where people would say "Updating broke my X..." Only to find out they hadn't rebooted and that the system was in a irregular start (trying to load the old versions of kernel modules and not finding them, etc.)

Yes, after update also reload btusb module and bluetooth.service.  
Now i have no bluetooth in rkill.