

Hello Monica,

I have few questions regarding this application

1) RF Exposure statement states according to manufacturer the Duty cycle is 2.76%. Please attach manufacturers justification.

2)

a) RF Exposure statement States " manual recommends the operator not be any closure than 0.5cm from transmitting antenna" . Can you please give me pointers. (Page number or Para number etc for this. I did not find this in the user manual).

b) Please let me know how this device is carried, are there any carrying cases/ holsters for this device, if so please attach photo and details of such accessories.

3) Please provide details of the antenna used along with picture.

4) Internal photos should show details all components shields removed. Internal photo is required with plastic shield removed (2nd Photo on page 2(3).

-----Original Message-----

From: Monica Roos ES-STO
Sent: Friday, June 10, 2005 6:27 AM
To: Suresh Kondapalli ES-Mpk
Cc: Terre Wolak ES-Atl
Subject: SV: TCB/FCC application for Ekahau FCC ID: TA7-T201-2

Dear Suresh,

Nice to be in contact with you again. I hope everything is fine with you.

Please see our comments/answers to your questions below.

I hope the comments/answers will satisfy you, if not please let me know.

Have a nice weekend!

Best regards
Monica Roos

Från: Suresh Kondapalli ES-Mpk
Skickat: den 10 juni 2005 02:14
Till: Monica Roos ES-STO
Kopia: Terre Wolak ES-Atl
Ämne: RE: TCB/FCC application for Ekahau FCC ID: TA7-T201-2

Hello Monica,

I have few questions regarding this application

1) RF Exposure statement states according to manufacturer the Duty cycle is 2.76%. Please attach manufacturers justification.

[Intertek Semko] The manufacturer has given us following explanation of the Duty cycle. Can you accept below stated explanation or do you need a signed document from the manufacturer stating the justification?

"Packet send times calculations - sending a Probe request does takes more like 0,45 milliseconds, and sending 1500 Byte UDP packet takes in worst case (1Mbs) about 12 milliseconds. Thus we can conclude to the following worst case calculation:

T201 is in calibrate mode triggering 3 Probe Requests and one at most 1500 byte UDP packet send every second. Thus $360 \times 3 \times 13 = 14040$ Probe Requests and 360 UDP packets are sent in 6 minutes. The RF is then on for $14040 \times 0,4 \text{ ms} + 360 \times 12 \text{ ms} = 9936 \text{ ms}$. Thus in worst case scenario RF is on for $(9,936 \text{ s} / 360 \text{ s}) \times 100 \% = 2,76\%$."

The manucaturer also have following comments to the SAR calculation

"Have you taken into account antenna position in T201 in your calculation? Since the antenna is located in top left corner of front panel, I assume both the PCB and especially the battery absorb quite much of the energy coming from the antenna."

2)

a) RF Exposure statement States " manual recommends the operator not be any closure than 0.5cm from transmitting antenna" . Can you please give me pointers. (Page number or Para number etc for this. I did not find this in the user manual).

[Intertek Semko] Please see attached e-mail which includes latest version of User Manual, Certificate Agreement, Marking plate and Data sheet of product.

<< Message: TCB/FCC application for Ekahau FCC ID TA7-T201-2- additional documents >>

b) Please let me know how this device is carried, are there any carrying cases/ holsters for this device, if so please attach photo and details of such accessories.

[Intertek Semko] Please see updated external photos attached

<< File: External photos_FCC ID TA7-T201-2.pdf >>

3) Please provide details of the antenna used along with picture.

[Intertek Semko] Data sheet of the antenna is attached and please see 2nd internal photo for a picture of the antenna, the blue compnent in the right corner of the PCB.

<< File: 15 - Bluetooth long - 03-10-03.pdf >>

4) Internal photos should show details all components shields removed. Internal photo is required with plastic shield removed (2nd Photo on page 2(3)).

[Intertek Semko] Manufacturer has been informed. Internal photos of the with out the shield will be provided later.