

Hi Dennis,

Here are our answers

Here are my concerns about your answers

1 Your answer to item one is incomplete because it does not provide a separate photo of the circuitry under the metal shielding. This is required by the FCC. See 4 below

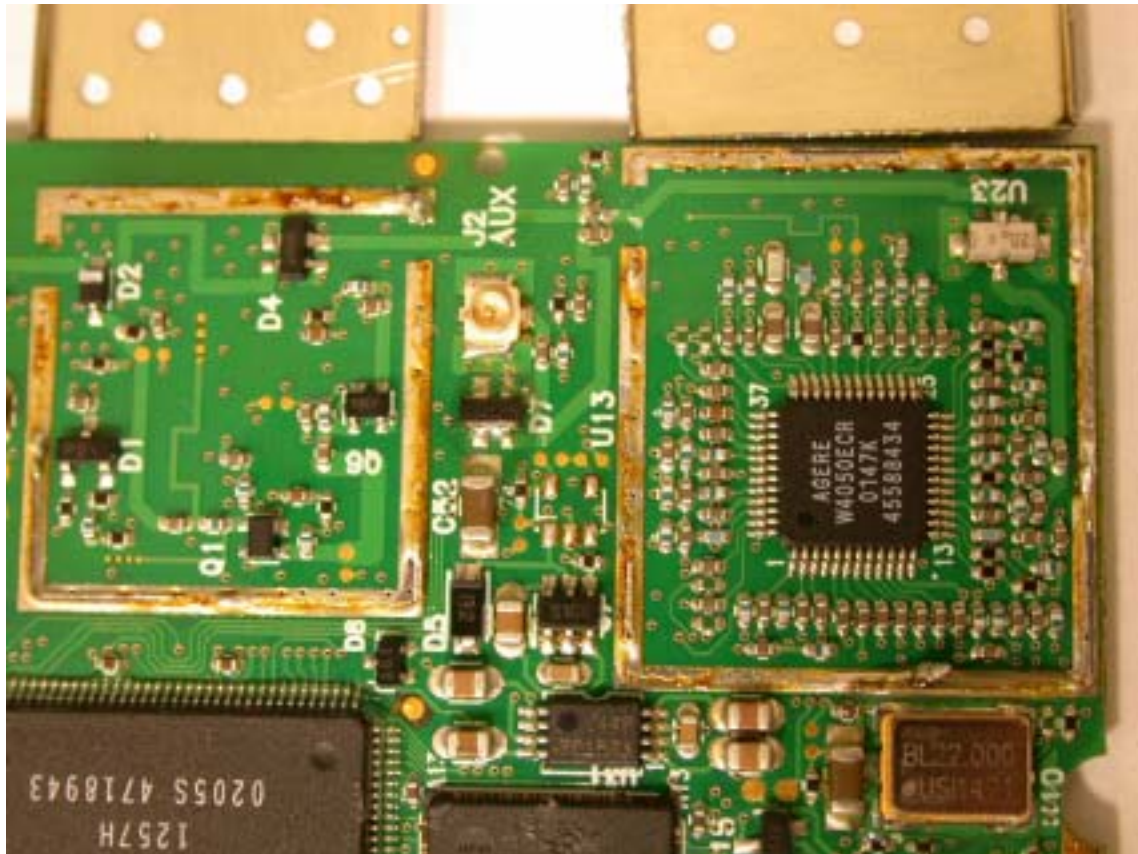
ANS 1: I re-uploaded the EUT photos into internal folders.

see exhibit type “internal photo” EUT-1a; EUT-1b; EUT-1c; EUT-1updated

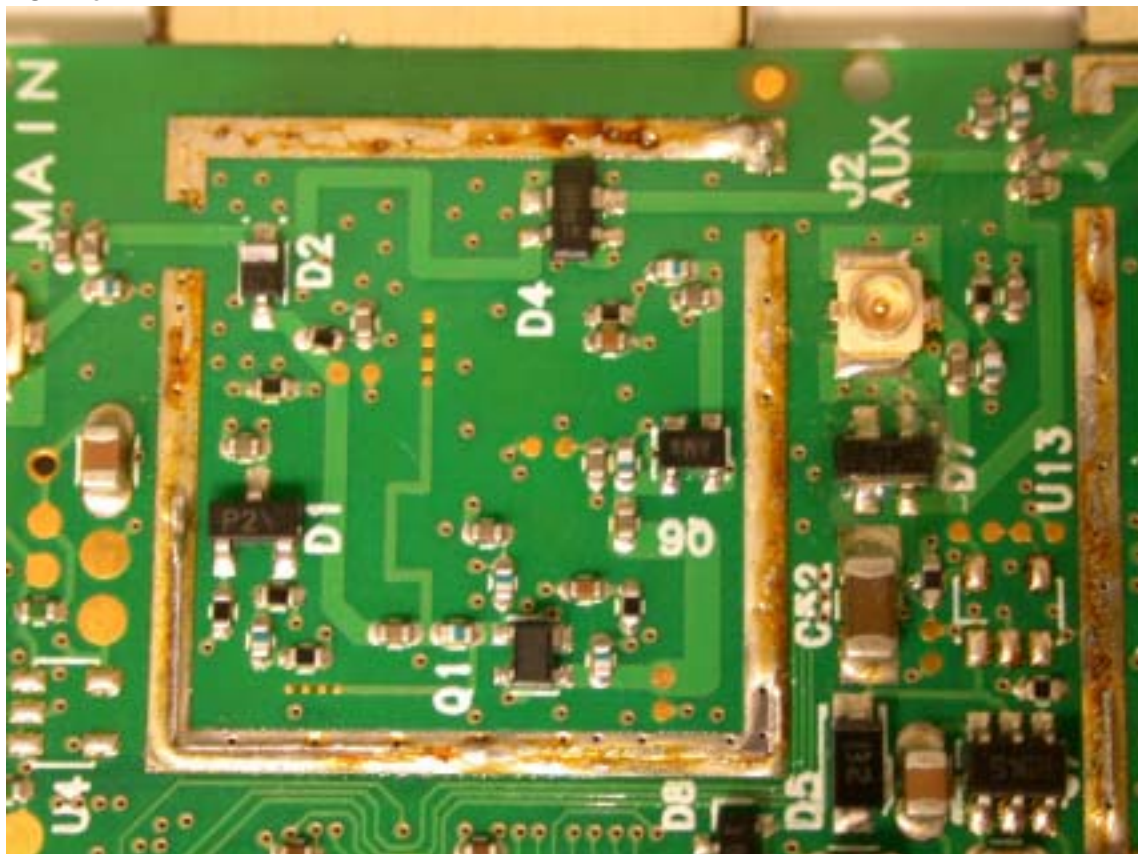
eut-1updated



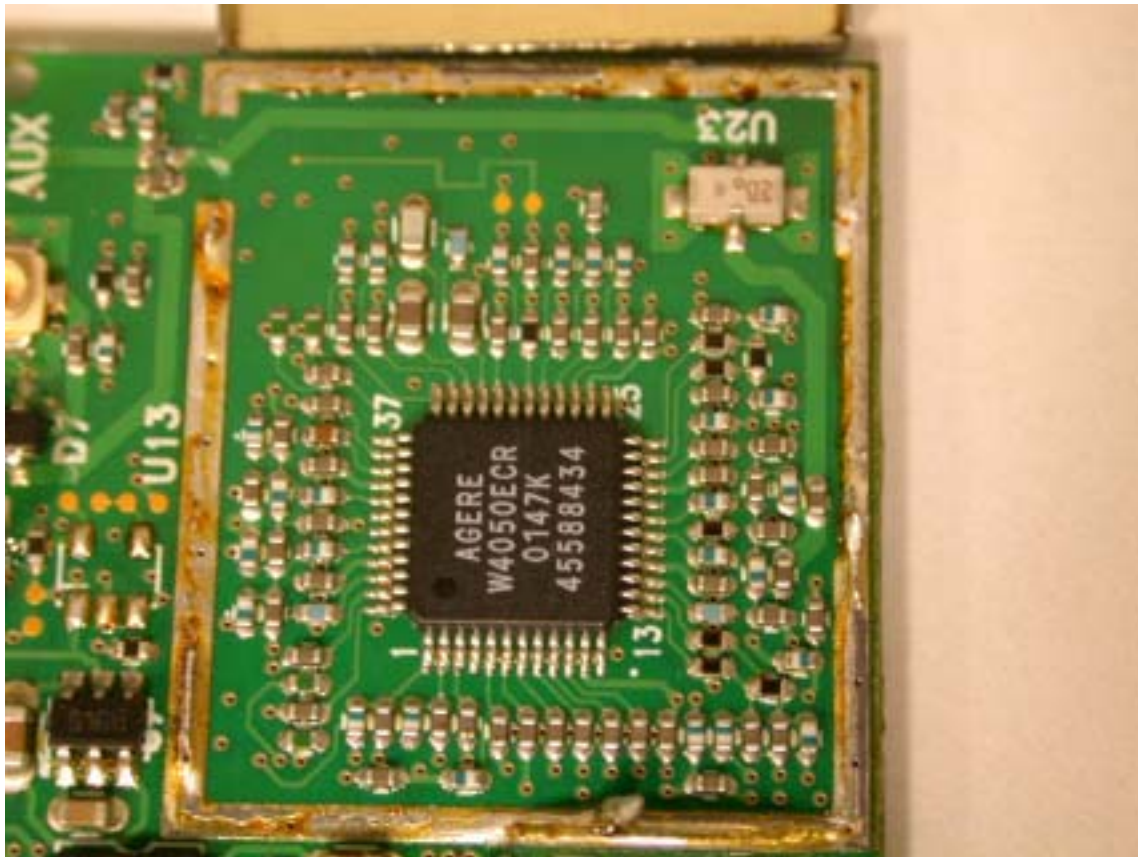
EUT-1a



EUT-1b



EUT-1c



2 Your answer to item 2 says indicates this to be a limited modular approval, this is fine, but as a Limited Modular Approval you must provide specific installation instructions to the OEM on how to install this device into the laptop with specific antenna connecting instructions. This is especially important with the use of the diversity antenna setup as mentioned. These instructions must also intentionally NOT be provided to the end user. The WLAN information provided is OK for the user, but you have not provided the installation instructions to the OEM.

ANS 2: Due to the laptop (MS2101) also being manufactured by Wistron, Wistron will build in this module into the system by themselves. We will provide the installation instructions while FCC REQUEST.

3 OK

4 The photos of the circuitry under the shielding must be provided as a separate photo, not as part of the response document. The photos in the response document are blurred and are not adequate. Please provide separate photos that are clear.

ANS 4: I re-uploaded the EUT photos into internal folders.

see exhibit type “internal photo” EUT-1a; EUT-1b; EUT-1c; EUT-1updated
(Same as item 1)

5 OK

6 Your labels still do not agree. Note that in the manufacturers attestation (FCC Label info.pdf) he specifically states that the label contains the 2 condition statement is to be on the label on the device, then the photos of the label to be used (FCC Label and Label Location.doc and the new FCC label.JPG) do not contain this statement as attested to by the manufacturer. Please provide a sample labels that agrees with the manufacturers has attested will be on the product (which includes the 2 condition statement on the label.)

ANS 6: I updated the label and uploaded onto label folders.

see exhibit type “internal photo” EUT-1updated

see exhibit type “label” FCC Label-updated and Label Location-updated

7 OK

8 OK

9 As you are aware, the PPSD is over a one MHz range. With the span being only 300kHz, what steps did you take to investigate the frequency range above and below the 300kHz being shown on the analyzer screen? It is typically better to simply put the span to 1.5MHz or a span greater than 1MHz. Otherwise you must make additional measurements above and below the 300kHz being measured. Remember, PPSD is a per Mhz reading. Again, what steps were taken to insure that the peak reading was measured and that a higher level did not exist above or below the 300kHz on the screen?

ANS 9 .: PPSD measurement steps:

Step1:

Set SPAN=10MHz, Sweep time=100sec, RBW=100KHz, VBW=200KHz
Then doing Peak Search, and then remove it to Center Frequency

Step2:

Set SPAN=3MHz, Sweep time=100sec, RBW=30KHz, VBW=50KHz
Then doing Peak Search, and then remove it to Center Frequency

Step3:

Set SPAN=300KHz, Sweep time=100sec, RBW=3KHz, VBW=10KHz
Then doing Peak Search, and then reading the value

When finishing all steps, we can be sure that the peak reading was measured within the 300KHz.

10&11 Please review your correction. It is still not clear. Did you use an analyzer or receiver for radiated? It is not clear. While I can guess at what was done, the report must be unambiguous. Your response states above 1GHz you use 1MHz bandwidth for peak and average. Again, was the equipment an analyzer or receiver? It would appear that you are only stating the Res BW and not the VBW. If you do average above 1GHZ, what is the Video BW you used?

ANS 10 & 11:

:For radiation 30MHz-1GHz:

We use the spectrum analyzer for peak measurement, and RBW=100KHz, VBW=100KHz.
The Receiver was used for QP measurement, and RBW=120KHz, VBW=300KHz.

For radiation above 1GHz:

We use spectrum analyzer for both average and peak measurement. For average measurement, RBW=1MHz, VBW=10Hz. For peak measurement, RBW=1MHz, VBW=1MHz.