

"Rich Fabina" <RFABINA@fcc.gov>
2003/08/12 02:53

To: <Kanako.Sanda@jp.ul.com>
cc:
Subject: Re: Inquiry about tolerance of Conducted Power under
PC2

Kanako,

I would say that the tolerance for an output power conducted emission measurement is +/- 1 dB. As such your measurement is within the tolerance allowed for this characteristic. The Commission will accept this measurement

provided it also agrees with the following conditions:

- (1) Output power has not been intentionally increased,
- (2) The only a change to this device is the new antenna being filed for,
- (3) The output power listed on the Class II permissive change must not change

from the output power listed on the original grant of Certification, and
(4) The 1 dB measurement increase in output power will be used to show compliance with the new antenna being added via the Class II permissive change
filing.

I trust that this has responded to this inquiry.

Rich Fabina

>>> Kanako.Sanda@jp.ul.com 08/11/03 05:58AM >>>

Dear Mr. Richard Fabina,

We have inquiry about tolerance of Conducted Power under Class II Permissive Change.

There is the certified FCC ID of Portable device (PDA).

In this time, as the applicant wants to change the antenna of the certified FCC ID, we performed both EMC and SAR testing.

Since the changing point is only antenna, we understand that there is NO need to take the re-testing of Conducted Power.

But, in SAR testing, because it is required to show the correction (0 to +5%)

of the value of Conducted Power between SAR and EMC test reports, we also performed the value of Conducted Power in the EMC testing.

However, as a result of the testing, the higher value (about 1dB in comparison with the original model) was measured.

This Power level is not changed intentionally, even so is there problem because FCC does not permit the change of Power under PC2 ?

Owing to unevenness of product and tolerance of measurement, we believe that the value of Conducted Power is different obviously.

Accordingly, could you also please accept the tolerance of Conducted Power

at some level under PC2 ?

Thank you so much for your significant information and advice in advance.

Best regards,
Kanako Sanda (Ms.)
UL Apex Co., Ltd.

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