

From: lucy_tsai@ccsemc.com.tw

Sent: October 23日 2003年 Thursday 4:59 AM

To: Mike Kuo

Cc: 'Jonson Lee (E-mail)'; 'Lucy (E-mail)'; Mike Kuo

Subject: 回信 : RE: Belkin Corporation, FCC ID:K7SF1UP0001, AN03T3351

Hi Mike,

This is to reply the part I of Belkin Corporation, FCC ID:K7SF1UP0001, AN03T3351.

For Q1-2, the user manual has been revised as attached file.

For Q3-5, we have revised it and please refer to the attached revised test report for details.

For Q6-7, please refer to the attached for the setup and internal photos.

For Q8, there are two sources of power adapter used and please refer to the revised test report for details.

Besides, we have also add the 15.19(a)(3) statement to the label as attached file.

Best Regards,

Lucy

Mike Kuo
<MKUO@CCSEMC.com>
2003/10/18 05:18 AM

收件人 : Mike Kuo <MKUO@CCSEMC.com>, "Jonson Lee (E-mail)" <jonson@cclab.com.tw>, "Lucy (E-mail)" <lucy_tsai@cclab.com.tw>
副本抄送 :
主旨 : RE: Belkin Corporation, FCC ID:K7SF1UP0001, AN03T3351 (Third)

Question #8: There are more one power adaptor included in the test report but only one set of AC line conducted test data are included in the test report. Please indicate which power adaptor was tested and provide additional AC line conducted emission test data for al other adaptors.

Best Regards

Mike Kuo

> -----Original Message-----
> From: Mike Kuo
> Sent: Friday, October 17, 2003 2:13 PM
> To: Mike Kuo; 'Jonson Lee (E-mail)'; 'Lucy (E-mail)'
> Subject: RE: Belkin Corporation, FCC ID:K7SF1UP0001, AN03T3351 (second)
>
>
> Question #6: Please provide setup photos
>
> Question #7 : Please provide internal photos.

>
> Best Regards
>
> Mike Kuo

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

> From: Mike Kuo
> Sent: Friday, October 17, 2003 2:09 PM
> To: Jonson Lee (E-mail); Lucy (E-mail)
> Subject: Belkin Corporation, FCC ID:K7SF1UP0001, AN03T3351

>
> Question #1: Based upon the description in the user manual, this AP
> / Print Server is capable of operating beyond 11 channel (2412- 2462MHz).
> There is no information given in the submission package to address how the
> applicant is going to ensure the end user will not use the channels other
> than what is authorized. Please provide technical description to address
> the limitation that the applicant will be used to limit the end user to
> operate within the authorized frequency band.

>
> Question #2: Page 5 of user manual listed the restriction for indoor
> use for 5GHz which is not applicable to this device. Please remove the
> information relate to 5GHz operation.

>
> Question #3: Section 3 of test report mentioned 15.407 which is not
> applicable to this device. Please make necessary correction.

>
> Question #4: Section 7.5 of test report, please delete Note #1.
> This device is mobile device which SAR evaluation is not required. Please
> do not use low threshold formula to address Mobile device .

>
> Question #5: Please provide RF conducted test plots with RBW=100kHz
> to address -20dB requirement .

>
> For your information: In section 15.247 (c) of rules provide the
> technical requirement for unwanted emission (harmonic and spurious
> emission). The first requirement : In any 100kHz bandwidth outside the
> frequency band in which the spread spectrum intentional radiator is
> operating, the radio frequency power that is produced by the intentional
> radiator shall be at least 20dB below that in the 100kHz BW within the
> band that contains the highest level of the desired power, based upon
> either an RF conducted or radiated measurement. Attenuation below the
> general limits specified in 15.209(a) is not required.

>
> Based upon the requirement in the rules, there are two possible way
> to address -20dB requirement : RF conducted or Radiated measurement. If
> you are using radiated measurement, the requirement is to set the
> BW=100kHz. The field strength of fundamental frequency has to be included
> in the test report. By having the fundamental field strength measurement,
> all unwanted emissions which are not in the 15.205 restricted band table,
> the field strength for unwanted emission is -20dB down of fundamental
> field strength. Normally, radiated measurement is used for those device
> with integral antenna which the antenna connector is not accessible. The
> frequency range to be investigated is up to 10th harmonics.

>
> The other way to address BW=100kHz , -20dB down is through RF
> conducted measurement. RF conducted measurement is normally used for
> those device with antenna connector. By connecting one end of RF cable to
> the EUT's antenna connector and the other end to spectrum analyzer,
> position the marker on the highest fundamental emission and position your
> display line to -20dB of highest fundamental, all emission shall be -20dB
> down of fundamental frequency. The frequency range to be investigated is
> up to 10th harmonics

>
> The second requirement in section 15.247 (c) of rules is to
> address restricted band operation. For those harmonic and spurious
> emissions that are within 15.205 restricted table, the field strength
> shall comply with 15.209 general limits. The frequency range to be

> investigated is up to 10th harmonics. For those emissions that are not
> within 15.205 table, you are not required to perform the investigation.

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>
> Best Regards

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