

Mike Kuo

From: Takahashi Masanori [takahashi-masanori@jqa.jp]
Sent: Thursday, October 27, 2005 7:56 PM
To: Mike Kuo
Cc: Mika Kaneko
Subject: Re: Sony Corporation, FCC ID: AK8WRT8B1, Assessment NO.: AN05T5212, Notice#1

Attachments: specification in manual.pdf; List.pdf



specification in
manual.pdf (4...



List.pdf (7 KB)

Dear Mr. Mike Kuo

Hello,
I am sorry for spending time many times.
I would like to answer for your additional questions.

Reply to Question #1: Please provide 120kHz justification by using carson rules (2M+2DK).

Answer 1: The attachment is the one having sent it to you as a part of manual of EUT.
I calculated as follows;

Description of Emission : Sound broad casting
Formula : $B_n = 2M + 2DK$,
K = 1 (typically)
M = Maximum modulation frequency = 40kHz
D = Peak frequency deviation = 20kHz
Therefore,
Bandwidth = 120kHz ,
Designation of emission = 120KF3E

Reply to Question #2: Please provide spectrum plots to support the RF conducted output power. Please make sure to include the cable loss that used. If it is measured with power meter, please provide manufacturer/model name of power meter.

Answer 1: I measured with power meter.
Please refer to attach.

Please correspond as soon as possible.

Sincerely yours,

JAPAN QUALITY ASSURANCE ORGANIZATION
EMC Engineering Dept. Testing Div.

Masanori Takahashi
Tel: +81-3-3416-0193 Fax: +81-3-3416-8290
E-mail: takahashi-masanori@jqa.jp

----- Original Message -----
From: "Mike Kuo" <mike.kuo@ccsemc.com>

To: "Takahashi Masanori" <takahashi-masanori@jqa.jp>
Cc: "Mika Kaneko" <mika.kaneko@ccsemc.com>
Sent: Friday, October 28, 2005 10:14 AM
Subject: RE: Sony Corporation, FCC ID: AK8WRT8B1, Assessment NO.: AN05T5212, Notice#1

Hi Takahashi :

Reply to Question #1: Please provide 120kHz justification by using carson rules (2M+2DK).

Reply to Question #2: Please provide spectrum plots to support the RF conducted output power. Please make sure to include the cable loss that used. If it is measured with power meter, please provide manufacturer/model name of power meter.

Best Regards

Mike Kuo
Compliance Certification Services
561F Monterey Road
Morgan Hill CA 95037
Tel: (408)463-0885 x: 105
Fax: (408)463-0888

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http://www.ccsemc.com

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

From: Takahashi Masanori [mailto:takahashi-masanori@jqa.jp]
Sent: Thursday, October 27, 2005 1:10 AM
To: Mike Kuo
Cc: Mika Kaneko
Subject: Re: Sony Corporation, FCC ID: AK8WRT8B1, Assessment NO.: AN05T5212, Notice#1

Dear Mr. Mike Kuo

Hello,
I would like to answer for your questions.

Question 1: Please provide emission designator and justify necessary bandwidth by using carson rules. Please refer to section 2.201 and 2.202 as guideline.

Answer 1: Sorry, I forgot to describe it with your application.

emission designator is "120KF3E".
necessary bandwidth is "120kHz"

Question 2: RF Power output section 2.1 of test report, the measured output power is listed as ERP. Is it a RF conducted output power ? if yes, what is the cable loss ? If not, please provide unmodulated RF conducted output power.

Answer 2: ERP was measured by radiated.

I report to you the value of unmodulated RF conducted output power.

	Frequency	Power setting
Conducted RF Power	470.125MHz	50mW

47.3mW			10mW 8.0mW
	589.875MHz	50mW	
39.8mW			10mW 7.8mW
	709.875MHz	50mW	
42.7mW			10mW 9.8mW

Please correspond as soon as possible.

Sincerely yours,

JAPAN QUALITY ASSURANCE ORGANIZATION
EMC Engineering Dept. Testing Div.

Masanori Takahashi
Tel: +81-3-3416-0193 Fax: +81-3-3416-8290
E-mail: takahashi-masanori@jqa.jp

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

From: "Mike Kuo" <mike.kuo@ccsemc.com>
To: <takahashi-masanori@jqa.jp>
Cc: "Mika Kaneko" <mika.kaneko@ccsemc.com>
Sent: Thursday, October 27, 2005 9:21 AM
Subject: FW: Sony Corporation, FCC ID: AK8WRT8B1, Assessment NO.: AN05T5212, Notice#1

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

From: Compliance Certification Services [mailto:mike.kuo@ccsemc.com]
Sent: Wednesday, October 26, 2005 5:11 PM
To: Mike Kuo
Subject: Sony Corporation, FCC ID: AK8WRT8B1, Assessment NO.: AN05T5212, Notice#1

Question 1: Please provide emission designator and justify necessary bandwidth by using carson rules. Please refer to section 2.201 and 2.202 as guideline.

Question 2: RF Power output section 2.1 of test report, the measured output power is listed as ERP. Is it a RF conducted output power ? if yes, what is the cable loss ? If not, please provide unmodulated RF conducted output power.

Best Regards

Mike Kuo

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of the original e-mail date may result in application dismissal and forfeiture of the filing fee. Also, please note that partial responses increase processing time and should not be submitted. Any questions about the content of this correspondence should be directed to the e-mail address listed below the name of the sender.

