Mike Kuo

Hi Mike,

Per Q1 & Q7, corrections is made. Please refer to the revised test report. Please be aware that the average measurement data for those unwanted emissions are added, the fundamental frequencies for low/middle/high channel are listed, and the detector function used, antenna polarization, FCC limits in peak and average and delta are indicated.

Best regards,
Ting

----- Âà§eªÌ ting/ccsemc ©ó 2004/04/26 04:37 PM -----

Mike Kuo		
<MKUO@CCSEMC.com>	¦¬¥ó¤H¡G	"'wklo@ccsemc.com.tw'" <wklo@ccsemc.com.tw>, Mike Kuo <MKUO@CCSEMC.com>
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2004/04/24 04:47 AM	¥D¦®¡G	RE: ¦^«H¡G FW: MEILOON INDUSTRIAL CO., LTD., FCC ID:RRT480200, AN04T3847

Hi W. K. :

Reply to Question #1 does not comply with requirements. In the revised test report, page 23 - 28 contains radiated emission above 1 GHz. In page 23, the frequency reported 2406.67 MHz, is it fundamental frequency ? Based upon the theory of operation, the lowest frequency channel is 2410MHz. Why 2406.67 MHz is measured and does not agree with fundamental frequency list ? Why the 15.249 radiated emission limits are not listed ? In the band edge measurement, the low channel with marker 1 is listed as 89.61dBuV/m with frequency of 2411MHz which is different than page 23 test data..

Same problems for high channel as well.

Please provide revised test report to list the fundamental frequency for low, middle and high channel and indicates the detector function used, antenna polarization, FCC limits in peak and average and delta.

Question #7 : By reviewing the band edge plots in page 12- 13 of test report, the unwanted emission near the band edge is over average limits but under peak limits of 15.209 requirement.

15.249 (d) states " Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of fundamental or to the general radiated emission limits in section 15.209,whichever is the lesser attenuation.

In addition, 15.249 (e) states: As shown in section 15.35(b) , for frequencies above 1000MHz, the field strength limits in paragraphs (a) and (b) of this section are based upon average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

Based upon above FCC requirements, please provide average measurement for those unwanted emissions (except for harmonics) as displayed in the band edge plots.

Best Regards

Mike Kuo

-----Original Message-----
From: wklo@ccsemc.com.tw [mailto:wklo@ccsemc.com.tw]
Sent: Wednesday, April 21, 2004 7:42 PM
To: Mike Kuo

Cc: CCS-Taiwan, Ting (E-mail); cert@ccsemc.com.tw; harris@ccsemc.com.tw; candy@ccsemc.com.tw
Subject: ¦^«H¡G FW: MEILOON INDUSTRIAL CO., LTD., FCC ID:RRT480200, AN04T3847

Hi Mike,

Question #1: Please provide fundamental emission measurement data in tabular format for Low,Middle and High channel. Please make sure to include horizontal and vertical polarization data.
Ans #1: The test report adds the fundamental measurements. Pleaser refer to the attached.

Question #2: Please identify transmitter board and the location of antenna in the internal photos.
Ans. #2: The antenna location is marked. Please refer to the attached for internal photos.

Question #3: By reviewing the user manual, this DLP project wireless function is used to transmit audio signal to the wireless speaker. In the test report, there is no indication on the type of audio signal used while doing the measurement. Please explain.
Ans #3: With 1k tone, and playback continuously by file stored in the memory card with the built-in media player during the measurement.

Question #4: The associated wireless speaker, is it for receiving only ? Or it has transmitting function ?
Ans #4: Rx only (So-called simplex operation) - module (DIO-S001) used is combined with 2 individual module: Tx-only module (DIO-T001) and Rx-only module (DIO-R001). The assoicated wireless speaker employs the Rx-only module (DIO-R001).

Question #5: Since the wireless speaker can change the channel , how to change the DLP projector channel by the end user ?
Ans #5: The channel selection can be made by the OSD, just like the manner to set the contrast and brightness of the machine. For more information, please refer to the manner Pg.26 & 29)

Question #6: Please provide transmitter schematic diagram. The schematic diagram submitted does not contain transmitter portion and the information contains in the operational description only contains functional block diagram and component placement of transmitter.
Ans #6: The attached include the transmitter schematic diagrams on Page 23 & 24. Please refer to them.

I appreciate your speedy processing of this case.

Best Rgds,
WK.

Mike Kuo <MKUO@CCSEMC.com>

2004/04/21 02:36 PM

¦¬¥ó¤H¡G "CCS-Taiwan, Ting (E-mail)" <ting@ccsemc.com.tw>, "CCS-Taiwan, Wklo (E-mail)" <wklo@ccsemc.com.tw>
°Æ¥»§Û°e¡G
¥D¦®¡G FW: MEILOON INDUSTRIAL CO., LTD., FCC ID:RRT480200, AN04T3847

-----Original Message-----
From: CERTADM
Sent: Tuesday, April 20, 2004 11:35 PM
To: Mike Kuo
Subject: MEILOON INDUSTRIAL CO., LTD., FCC ID:RRT480200, AN04T3847

Notice_content

Question #1: Please provide fundamental emission measurement data in tabular format for Low,Middle and High channel. Please make sure to include horizontal and vertical polarization data.

Question #2: Please identify transmitter board and the location of antenna in the internal photos.

Question #3: By reviewing the user manual, this DLP project wireless function is used to transmit audio signal to the wireless speaker. In the test report, there is no indication on the type of audio signal used while doing the measurement. Please explain.

Question #4: The associated wireless speaker, is it for receiving only ? Or it has transmitting function ?

Question #5: Since the wireless speaker can change the channel , how to change the DLP projector channel by the end user ?

Question #6: Please provide transmitter schematic diagram. The schematic diagram submitted does not contain transmitter portion and the information contains in the operational description only contains functional block diagram and component placement of transmitter.

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.