

Helen Zhao

Subject: FW: DETECTOR Electronics Co., Ltd., FCC ID: OP92WRM2, Assessment NO.: AN06T6177, Notice#1

Subject: Re: DETECTOR Electronics Co., Ltd., FCC ID: OP92WRM2, Assessment NO.: AN06T6177, Notice#1

Dear Ms. Helen,

Regarding the Assessment No. AN06T6177, We would like to inform you as follows,

Question #1 & #2

---> Please refer to attached revised test report.

If you have any question or need more information, please feel free to contact us.

Best Regards,

S. C. Hong / Project Engineer

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

Sent: Thursday, September 28, 2006 5:15 PM

Subject: DETECTOR Electronics Co., Ltd., FCC ID: OP92WRM2, Assessment NO.: AN06T6177, Notice#1

Question #1: This device is activated automatically, please provide the evidence that the device will cease transmission within 5 seconds after activation. You can either provide a test plot or provide timing diagram.

Question #2: Based upon FCC15.35(a)

(a) On any frequency or frequencies below or equal to 1000 MHz, the limits shown are based on measuring equipment employing a CISPR quasi-peak detector function and related measurement bandwidths, unless otherwise specified. The specifications for the measuring instrument using the CISPR quasi-peak detector can be found in Publication 16 of the International Special Committee on Radio Interference (CISPR) of the International Electrotechnical Commission. As an alternative to CISPR quasi-peak measurements, the responsible party, at its option, may demonstrate compliance with the emission limits using measuring equipment employing a peak detector function, properly adjusted for such factors as pulse desensitization, as long as the same bandwidths as indicated for CISPR Quasi-peak measurements are employed.

Note: For pulse modulated devices with a pulse-repetition frequency of 20 Hz or less and for which CISPR quasi-peak measurements are specified, compliance with the regulations shall be demonstrated using measuring equipment employing a peak detector function, properly adjusted for such factors as pulse desensitization, using the same measurement bandwidths that are indicated for CISPR quasi-peak measurements.

15.231(b)(2) specifies, "Intentional radiators operating under the provisions of this Section shall demonstrate compliance with the limits on the field strength of emissions, as shown in the above table, based

on the average value of the measured emissions. If average emission measurements are employed, the provisions in Section 15.35 for averaging pulsed emissions and for limiting peak emissions apply. "

The test report shows average measurement is based on measuring equipment employing an average detector function, which is not allowed. Since the peak value is below the average limit, you do not need to report average value, or duty-cycle correction factor. So please just remove average values from test results.

Best Regards,
Helen Zhao

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.