Klaus Knoerig

Von: "Klaus Knoerig" <kknoerig@emcc.de>
An: "Klaus Knoerig" <kknoerig@emcc.de>
Gesendet: Dienstag, 19. September 2006 08:52
Betreff: WG: Response to Inquiry to FCC (Tracking Number 246465)

Von: Generic Office of Engineering Technology [mailto:oetech@fccsun27w.fcc.gov]
Gesendet: Mo 2006-09-18 22:22
An: k.knoerig@emcc.de
Betreff: Response to Inquiry to FCC (Tracking Number 246465)

Inquiry:
TCB Question regarding FM modulator certification. We have received an application for certification of an FM transmitter falling under Section 15.239 of the Rules. Applicant: AVANA TECHNOLOGIES (M) SDN BHD; Intended FCC ID: UJZAVOHD900. We were informed by the TCB Council that the TCBs are requested to contact the FCC Lab before granting any FM modulators, until recent issues are resolved. Please advise if there is anything special to look for with this application. Please also state whether we will have to contact the FCC Lab for each single application, or if we can assume that the OET response Inquiry Tracking Number 872958 sent on August 28 also applies to all other applications that we may receive in the future? Regards EMCC DR. RASEK Klaus Knoerig

---**Reply from Customer on 09/05/2006**---

Did we understand correctly that we need to submit the test report to the FCC for review before the grant is issued, even if we take care of the questions mentioned in the OET response of Sep 5 2006? Regards EMCC DR. RASEK Klaus Knoerig

---**Reply from Customer on 09/07/2006**---

Dear Sir/Madam Please find attached the responses with reference to your questions. In addition please find attached the test report for your quick review. Regards EMCC DR. RASEK Klaus Knoerig

---**Reply from Customer on 09/12/2006**---

Dear Sir/Madam Our client is urging us to proceed with this application. Could you please give me an indication on the estimated completion date of the FCC review. Regards EMCC DR. RASEK Klaus Knoerig

---**Reply from Customer on 09/12/2006**---

Dear Sir/Madam We would like to answer your questions as following: 1. The test was conducted on the test site with registration number 101879 (see also Section 1.4 in the test report). The test firm is: Compliance Engineering Service (China), Shen Zhen City, No.6 Bldg. 35, Jin Ao Industry Technology Yuan Jukeng Rd., Da-Dhui-Keng Cun, Guan Lan Zhen. This is an FCC registered facility. 2. Test procedure is as following: a) Start with standard modulation (1KHz audio signal to achieve 60% of rated deviation). The corresponding audio level is recorded. b) Then the volume control of the EUT is set to 50% of maximum audio output. c) Level of the audio signal generator is increased by 20 dB above level recorded in a) above. Maximum bandwidth of the RF signal is then measured. The indication of 50% relates to the audio output signal of the device, not input! The procedure used for bandwidth testing is exactly the same that is described in TIA-603. The standard modulation of an input signal according to TIA-603 is the modulation due to an input signal of 1000 Hz at a level to produce 60% of the maximum permissible frequency deviation. TIA-603 requires for testing of modulation limiting that the level from the audio frequency generator is increased by 20 dB above the standard modulation. We believe that the measurement procedure is acceptable. Regards EMCC

DR. RASEK Klaus Knoerig

---**Reply from Customer on 09/15/2006**---

Please find attached a revised test report which shows measurements performed with the device modulated by a DVD player.

---**Reply from Customer on 09/15/2006**---

Please find attached a revised test report for your quick review.

---**Reply from Customer on 09/15/2006**---

Please find attached a revised test report for your quick review

Response:
The new report looks fine. The test lab may want to include the registration number in their report in the future. It will be easier for you to check as well. You may proceed with the authorization.

Do not reply to this message. Please select the Reply to an Inquiry Response link from the OET Inquiry System to add any additional information pertaining to this inquiry.