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August 22nd, 2000

FEDERAL COMMUNICATIONS COMMISSION
VIA ELECTRONIC FILING

Attention: Katie Hawkins
Applicant: YAESU MUSEN CO. LTD.
Equipment: FCC ID: K66VR-5000 EA97917
Correspondence 15384

Katie:

In reply to your e-mail dated 08/02/2000:

Item 1. Our records show that the external and internal photos were up-loaded the first time. They are being sent again.

Item 2. Attestation from the Applicant concerning the blocking of cellular frequencies which we trust now meet your requirement

Item 3. There are 10 rear panel connections per the attached list. Antennas (#3 and #5) are obtained selectively with antenna switch #4. Antennas cannot be used simultaneously.

Item 4. All ports were connected including Toshiba Computer FCC ID: CJ0UK323. Attached are the photos. The computer is only used to view the received frequency.

Item 5. Please refer to Page 10 of original report. Data shows measurements at low, medium and high frequencies. With all 10 rear panel connections cabled, the level of the worst case emissions are shown on the attached data sheet.

We trust the foregoing and attached now satisfy the requirements of the Commission and that the Grant will be issued A.S.A.P.

Personal regards,



MORTON FLOM, P. Eng.

mf;mgf

encs.

cc: Applicant

cc: A2LA



YAESU

Radio Communications

YAESU MUSEN CO., LTD.

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August 8, 2000

Federal Communications Commission
Authorization & Evaluations Division
7435 Oakland Mills Road
Columbia, MD 21046

SUBJECT: K66VR-5000, EA No. 97917

Attention: Katie Hawkins, Project Engineer

Dear Ms. Hawkins:

Regarding the subject FCC ID number, please be advised that there are no changes to the tuning, control and filtering circuitry can stop blocking of cellular frequencies since the receiver will become inoperative.

The blocking of the cellular frequencies is controlled by the CPU and software.

Sincerely,

YAESU MUSEN CO., LTD.

Mr. Tomiro Ohmoto

General Manager of Export Department

Rear Panel Connections

(1) DC 13.5V Jack

This is the DC power supply connection for the VR-5000. Connect the Supplied PA-4A AC adapter to this jack.

(2) MUTE Jack

If using the VR-5000 with a transceiver, shorting this jack during transmit will mute receiver output and attenuate RF signal input. Check with information provided with your particular transceiver for proper connection.

(3) ANT B Terminal

Use these spring-loaded terminal connectors to connect a high-impedance antenna.

(4) ANT Switch

This switch selects antenna connected from either the ANT A jack or ANT B terminal.

(5) ANT A Jack

Connect the 50 Ω coaxial feed line to your low-impedance antenna here using a type-M (PL-259) connector.

(6) EXT SP Jack

This 2-contact mini phone jack provides receiver audio for an external loudspeaker with an impedance of 4 ~ 16 Ω . Inserting a plug in this jack disables the loudspeaker.

(7) REC Jack

This jack provides a constant level (??? mV @ ? Ω) audio output, which is *unaffected* by the VOL and TONE controls. This audio can be used for recording purposes, and for connection to data demodulator/decoder equipment.

(8) +8V Jack

This output jack provides 8V DC at up to ??? mA for low power accessories. The center contact is positive.

(9) IF OUT Jack

This output jack provides low-level (0.1 Vrms (-6 dBm) @ 50 Ω) 10.7 MHz IF output.

(10) CAT Jack

This 9-pin serial DB-9 jack allows external computer control of the VR-5000. Connect a serial cable here and to the RS-232C COM port on your personal computer.



