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Test Report Serial No.
091807K66-T852-S90U

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Revision 1.1

Description of Test(s)
Specific Absorption Rate

RF Exposure Category
Occupational (Controlled)



Certificate No. 2470.01

DECLARATION OF COMPLIANCE SAR RF EXPOSURE EVALUATION

| | | | | | | | |
|---|---------------------------------------|---------------------------------------|--|-----------------|-----------------|----------|----|
| Test Lab Information | | Name | CELLTECH LABS INC. | | | | |
| | | Address | 21-364 Lougheed Road, Kelowna, B.C. V1X 7R8 Canada | | | | |
| Company Information | | Name | VERTEX STANDARD CO., LTD. | | | | |
| | | Address | 4-8-8 Nakameguro, Meguro-ku, Tokyo 153-8664 Japan | | | | |
| Standard(s) Applied | | FCC | FCC 47 CFR §2.1093 | | | | |
| | | IC | Health Canada Safety Code 6 | | | | |
| Procedure(s) Applied | | FCC | FCC OET Bulletin 65, Supplement C (Edition 01-01) | | | | |
| | | IC | Industry Canada RSS-102 Issue 2 | | | | |
| Device Classification(s) | | FCC | Licensed Non-Broadcast Transmitter Held to Face (TNF) | | | | |
| | | IC | Land Mobile Radio Transmitter/Receiver (27.41-960 MHz) | | | | |
| Device RF Exposure Category | Portable | Occupational / Controlled Environment | | | | | |
| Device Identifier(s) | FCC ID: | K6610654820 | | | | | |
| | IC: | 511B-10654820 | | | | | |
| | Model(s) | VX-354-AG8B-5, VX-354-AG8B-5 | | | | | |
| | Serial No. | 7K000011 (Identical Prototype) | | | | | |
| Device Description | Portable FM UHF PTT Radio Transceiver | | | | | | |
| Transmit Frequency Range(s) | 380 - 470 MHz | | | | | | |
| Max. RF Output Power Tested | Low Channel | 380 MHz | 5.3 Watts | 37.2 dBm | Conducted | | |
| | Mid Channel | 425 MHz | 5.5 Watts | 37.4 dBm | Conducted | | |
| | High Channel | 470 MHz | 5.4 Watts | 37.3 dBm | Conducted | | |
| Antenna Type(s) Tested | Whip | 380 - 430 MHz | P/N: ATU-6A1 | Length: 169 mm | | | |
| | Whip | 440 - 470 MHz | P/N: ATU-6C | Length: 160 mm | | | |
| Battery Type(s) Tested | Lithium-ion | 7.4 V | 2000 mAh | P/N: FNB-V96LI | | | |
| Body-worn Accessories Tested | Belt-Clip | 1.1 cm Spacing | Contains Plastic and Metal | Model: CLIP-18 | | | |
| Audio Accessories Tested | Speaker-Microphone | | | | P/N: MH-450S | | |
| Additional Audio Accessories (Add. SAR evaluations not required) | Speaker-Microphone | | | | P/N: MH-360S | | |
| | Speaker-Microphone | | | | P/N: MH-45B4B | | |
| | VOX Headset | | | | P/N: VC-25 | | |
| Max. SAR Level(s) Evaluated | Face-held | 3.97 W/kg | 1g | 50% duty cycle | ANSI/IEEE Limit | 8.0 W/kg | 1g |
| | 7.39 W/kg | 1g | 50% duty cycle | ANSI/IEEE Limit | 8.0 W/kg | 1g | |

Celltech Labs Inc. declares under its sole responsibility that this wireless portable device has demonstrated compliance with the Specific Absorption Rate (SAR) RF exposure requirements specified in FCC 47 CFR §2.1093 and Health Canada's Safety Code 6 for the Occupational / Controlled Exposure environment. The device was tested in accordance with the measurement standards and procedures specified in FCC OET Bulletin 65, Supplement C (Edition 01-01) and Industry Canada RSS-102 Issue 2. All measurements were performed in accordance with the SAR system manufacturer recommendations.

I attest to the accuracy of data. All measurements were performed by me or were made under my supervision and are correct to the best of my knowledge and belief. I assume full responsibility for the completeness of these measurements and vouch for the qualifications of all persons taking them.

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Test Report Approved By

Sean Johnston

Celltech Labs Inc.



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| Company: | Vertex Standard Co., Ltd. | FCC ID: | K6610654820 | IC ID: | 511B-10654820 | |
| Model(s): | VX-351-AG8B-5 / VX-354-AG8B-5 | Portable FM UHF PTT Radio Transceiver | | | 380 - 470 MHz | |
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