



ADDENDUM TO TEST REPORT FC00-1008

FOR THE

RADIO RF MODEM, QTM-8524

FCC PART 15 SUBPART C SECTIONS 15.247/15.207/15.209

COMPLIANCE

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Date of test: October 18-20, 2000

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ADMINISTRATIVE INFORMATION

DATE OF TEST: October 18-20, 2000

PURPOSE OF TEST: To demonstrate the compliance of the Radio RF Modem, QTM-8524, with the requirements for FCC Part 15.247, 15.207 and 15.209 devices. The addendum removes the $\pm$ 2 dB from the maximum rated power output listed on the Summary page.

MANUFACTURER: Quatech Inc.
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Akron, Ohio 44311

REPRESENTATIVE: Diane Glaze, Quality Manager

TEST LOCATION: CKC Laboratories, Inc.
22105 Wilson River Hwy
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TEST PERSONNEL: Mike Wilkinson

TEST METHOD: ANSI C63.4 1992 & FCC 97-114 Appendix C

FREQUENCY RANGE TESTED: 450 kHz – 25 GHz

EQUIPMENT UNDER TEST:

Radio RF Modem

Manuf: Quatech Inc.
Model: QTM-8524
Serial: IT240EXT99KI0139
FCC ID: F4AQTM85242000 (pending)

Monopole Antenna

Manuf: Quatech Inc.
Model: QTM-24ANT-C
Serial: NONE
FCC ID: N/A

Patch Array Antenna

Manuf: Quatech Inc.
Model: QTM-24ANT-SW
Serial: NONE
FCC ID: N/A

SUMMARY OF RESULTS

The Quatech Inc. Radio RF Modem, QTM-8524, was tested in accordance with ANSI C63.4 1992 and FCC 97-114 Appendix C for compliance with FCC Part 15.247, 15.207 and 15.209.

As received, the above equipment was found to be fully compliant with the limits of FCC Part 15.247, 15.207 and 15.209. The results in this report apply only to the items tested, as identified herein.

EQUIPMENT UNDER TEST (EUT) DESCRIPTION

2.4GHz, DSSS data modem with RS-232 and RS-422/485 I/O interfaces. No cabling provided for RS-422/485 interfacing.

Spread Spectrum Method:	Direct Sequence
Tx/Rx Frequency Range:	2426 to 2458 MHz
Number Of Channels:	8 Channels Jumper Select
Channel Separation:	2.048 MHz
Max RF Output Power:	28.5 dBm (.707 watts)
Type of Antenna:	1) Patch 2) Monopole
Modulation Type:	Gaussian Minimum Shift Keying (GMSK)

MEASUREMENT UNCERTAINTY

Associated with data in this report is a ± 4 dB measurement uncertainty.

TEMPERATURE AND HUMIDITY DURING TESTING

The temperature during testing was within +15°C and + 35°C.
The relative humidity was between 20% and 75%.