UNISYS

PCTC
Product Compliance Test Center
2476 Swedesford Road, Malvern, PA 19355

SUPPORT DOCUMENT FOR RF EXPOSURE EVALUATION

APPLICABLE TO
FCC ID: RYJJEEXL
FCC ID: RYJJEEXL2A
FCC ID: RYJJEEXL2B

TWO TECHNOLOGIES, INC.
HORSHAM, PA

This document is presented as a support document for the RF Transmit power data that was used in the RF Exposure Evaluation. For each of the RF devices that to be co-located, a page from their respective test report (originally submitted to the FCC) has been captured and presented on the following pages.

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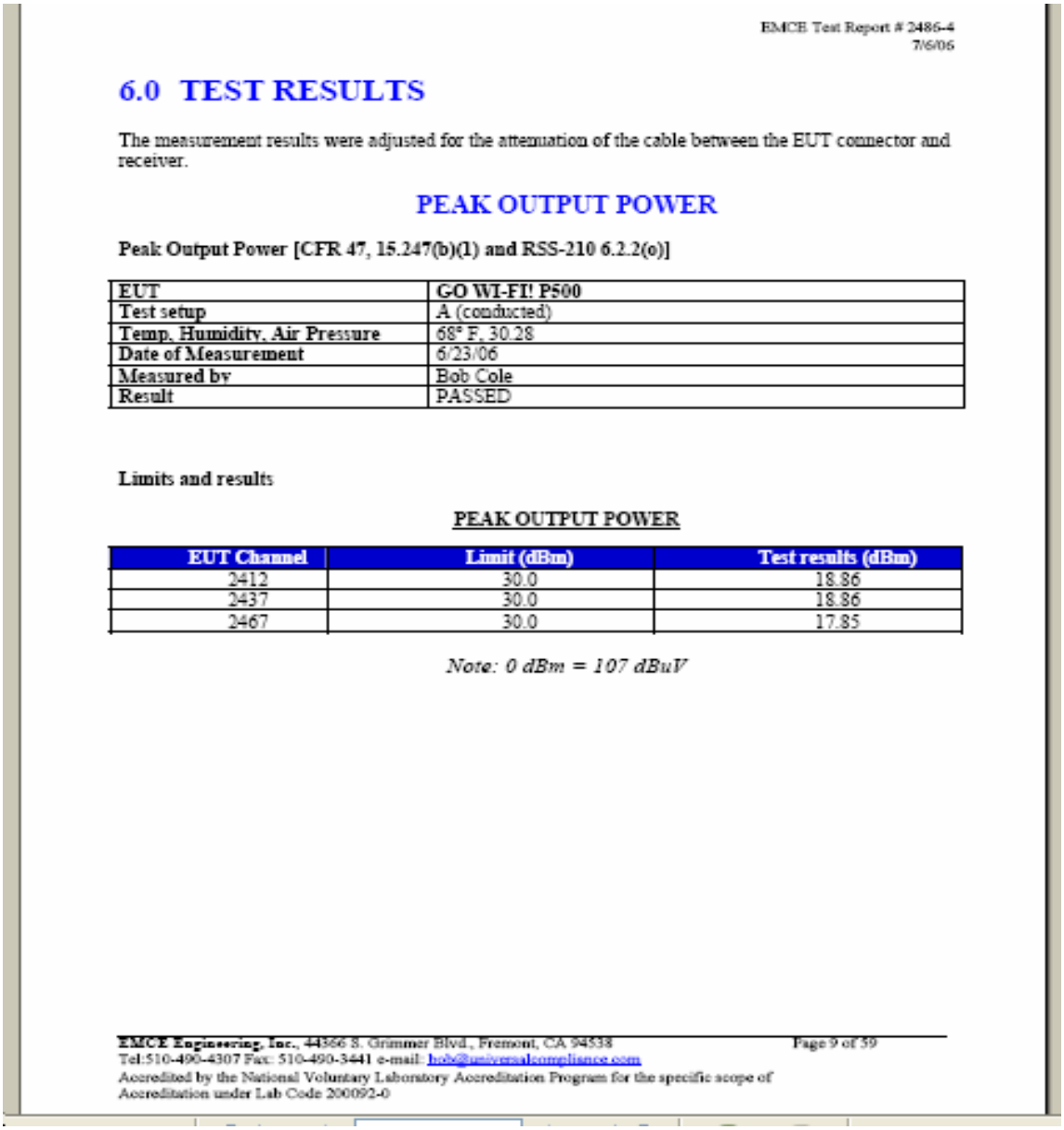
FCC ID: RYJJETTXL

4.3.3 Maximum Peak Output Power

According to FCC Part 15, Section 15.247 (b) (1) for the frequency hopping systems operating in the 2400 MHz – 2483.5 MHz band and employing at least 75 hopping channels, the peak output power limit is 1 Watt (30 dBm). The JETT.XL antenna port was connected directly to the spectrum analyzer through a suitable attenuator. The following table shows the result peak power measurements at the selected fundamental transmit frequencies:

Transmit Frequency	Receiver Measured Voltage Level	Correction Factor	Corrected Voltage Level	Corrected Power Output	FCC Power Output Limit
	(dBuV)	(dB)	(dBuV)	(dBm)	(dBm)
2.402 GHz (Low TX)	80.45	30.2	110.65	3.65	30
2.449 GHz (Medium TX)	79.00	30.2	109.2	2.20	30
2.480 GHz (High TX)	77.92	30.2	108.12	1.12	30

Overall Results: The JETT.XL conducted peak power output was below the limit specified in FCC Part 15, Section 15.247 (b) (1).



6.0 TEST RESULTS

The measurement results were adjusted for the attenuation of the cable between the EUT connector and receiver.

PEAK OUTPUT POWER

Peak Output Power [CFR 47, 15.247(b)(1) and RSS-210 6.2.2(o)]

EUT	**GO WI-FI! P500**
Test setup	A (conducted)
Temp, Humidity, Air Pressure	68° F, 30.28
Date of Measurement	6/23/06
Measured by	Bob Cole
Result	PASSED

Limits and results

PEAK OUTPUT POWER

EUT Channel	Limit (dBm)	Test results (dBm)
2412	30.0	18.86
2437	30.0	18.86
2467	30.0	17.85

Note: 0 dBm = 107 dBuV

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(Socket Model: Go WI-FI! P500 Compact Flash Wi-Fi Card)

EXHIBIT 4. EUT OPERATING CONDITIONS AND CONFIGURATIONS DURING TESTS

4.1. CLIMATE TEST CONDITIONS

The climate conditions of the test environment are as follows:

Temperature:	21°C
Humidity:	51%
Pressure:	102 kPa
Power Input Source:	2.8 – 5.5 VDC

4.2. OPERATIONAL TEST CONDITIONS & ARRANGEMENT FOR TESTS

Operating Modes:	• Each of lowest, middle and highest channel frequencies transmits continuously for emissions measurements. • The EUT operates in normal Frequency Hopping mode for occupancy duration, and frequency separation.
Special Test Software & Hardware:	Special firmware and hardware provided by the Applicant are installed to allow the EUT to operates in hopping mode or at each channel frequency continuously. For example, the transmitter will be operated at each of lowest, middle and highest frequencies individually continuously during testing.
Transmitter Test Antenna:	The EUT is tested with the antenna fitted in a manner typical of normal intended use as an integral / non-integral antenna equipment as described with the test results.

Transmitter Test Signals	
Frequency Band(s):	902 - 928 MHz
Frequency(ies) Tested: (Near lowest, near middle & near highest frequencies in the frequency range of operation.)	902.90 MHz, 915.20 MHz and 927.10 MHz
RF Power Output: (measured maximum output power at antenna terminals)	29.80 dBm (0.955 W)
Normal Test Modulation:	FSK
Modulating Signal Source:	Internal