

FCC TEST REPORT

REPORT NO.: RF140311E07

MODEL NO.: T77H505

FCC ID: B3QT77H505

RECEIVED: Mar. 11, 2014

TESTED: Mar. 17 to Apr. 02, 2014

ISSUED: Apr. 21, 2014

ISSUED BY: Bureau Veritas Consumer Products Services
(H.K.) Ltd., Taoyuan Branch Hsin Chu Laboratory

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1. CERTIFICATION

PRODUCT: IEEE802.11b/g/n Wi-Fi module
BRAND NAME: Brother
MODEL NO.: T77H505
TEST SAMPLE: ENGINEERING SAMPLE

TESTED: Mar. 17 to Apr. 02, 2014
STANDARDS: FCC Part 15, Subpart C (Section 15.247)
ANSI C63.10-2009

The above equipment (Model: T77H505) has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

PREPARED BY : C. K. , **DATE:** Apr. 21, 2014
(Claire Kuan, Specialist)

APPROVED BY : May Chen , **DATE:** Apr. 21, 2014
(May Chen, Manager)

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

PRODUCT	IEEE802.11b/g/n Wi-Fi module
MODEL NO.	T77H505
POWER SUPPLY	DC 3.3V $\pm 10\%$ from host equipment
MODULATION TYPE	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM
MODULATION TECHNOLOGY	DSSS, OFDM
TRANSFER RATE	802.11b: up to 11Mbps 802.11g: up to 54Mbps 802.11n: up to 150Mbps
OPERATING FREQUENCY	2.412 ~ 2.462GHz
NUMBER OF CHANNEL	11 for 802.11b, 802.11g, 802.11n (HT20) 7 for 802.11n (HT40)
MAXIMUM OUTPUT POWER	802.11b: 106.905mW 802.11g: 240.436mW 802.11n (HT20): 183.231mW 802.11n (HT40): 179.061mW
ANTENNA TYPE	Please see NOTE
DATA CABLE	NA
I/O PORTS	Refer to user's manual
ASSOCIATED DEVICES	NA

NOTE:

1. The antennas provided to the EUT, please refer to the following table:

Gain (dBi)	Antenna Type	Connector Type	Frequency range (MHz to MHz)	Cable Loss (dB)
2.12	PCB	NA	2400~2500	NA

2. The EUT incorporates a SISO function.

MODULATION MODE	TX/RX FUNCTION
802.11b	1TX/1RX
802.11g	1TX/1RX
802.11n (HT20)	1TX/1RX
802.11n (HT40)	1TX/1RX

3. When the EUT operating in 802.11n, the software operation, which is defined by manufacturer, MCS (Modulation and Coding Schemes) from 0 to 7.
4. The above EUT information was declared by the manufacturer and for more detailed features description, please refer to the manufacturer's specifications or User's Manual.