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**EMI TEST REPORT FOR CERTIFICATION
to
FCC PART 15 Subpart C (Section 15.247) & RSS-210**

FCC ID: EJE-WB0054
Industry Canada ID: 337J-WB0054

Test Sample: LifeBook P Series
Model: P8010

Radio Modules: EYSMJCS Bluetooth Module &
4965AGN Kedron INTEL Mini-PCI WLAN Module

Report Number: M071118_Cert_EYSMJCS_WLAN

Issue Date: 7th January 2008

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NATA Accredited Laboratory
Number: 5292

EMI TEST REPORT FOR CERTIFICATION
to
FCC PART 15 Subpart C (Section 15.247) & RSS-210
EMC Technologies Report No. M071118_Cert_EYSMJCS_WLAN
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- Refer to Report No: M071118_Cert_4965AGN_NII_BT**

- FCC 15.247 (DTS) RESULTS – WLAN**
- Refer to Report No: M071118_Cert_4965AGN_DTS_BT**



EMI TEST REPORT FOR CERTIFICATION
to
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Report No. M071118_Cert_EYSMJCS_WLAN

Test Sample: LifeBook P Series
Model: P8010
Radio Modules: Bluetooth Module, Model: EYSMJCS (TAIYO YUDEN)
Kedron INTEL Mini-PCI WLAN Module, Model: 4965AGN (Intel Corp.)

FCC ID: EJE-WB0054
Industry Canada ID: 337J-WB0054
Equipment Type: Intentional Radiator (Transceiver)

LifeBook Manufacturer: Fujitsu Ltd - Mobile Computing Division
Address: 1-1 Kamikodanaka 4-Chome, Nakahara-Ku, Kawasaki, Japan
Contact: Mr. Tsuyoshi Uchihara

Test Standards: FCC Part 15 – Radio Frequency Devices (May 2007)
FCC Part 15 Subpart C - Intentional Radiators
Section 15.247: 2400 – 2483.5 MHz & 5725 – 5850 MHz Operation Bands
ANSI C63.4 – 2003
OET Bulletin No. 65

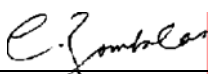
RSS-210 Issue 7 Low Power Licence-Exempt RadioCommunication
Devices Annex 8: 2400–2483.5 MHz & 5725–5850 MHz Operation Bands

RSS-102 Issue 1 (Provisional), Evaluation Procedure for Mobile and
Portable Radio Transmitters with respect to Health Canada's Safety
Code 6 for Exposure of Humans to Radio Frequency Fields

Test Dates: 21st November 2007 to 6th January 2008

Senior Test Engineer: 
Chieu Huynh - B.Eng (Hons) Electronics

Attestation: *I hereby certify that the device(s) described herein were tested as described in this report and that the data included is that which was obtained during such testing.*

Authorised Signatory: 
Chris Zombolas
Technical Director
EMC Technologies Pty Ltd



EMI TEST REPORT FOR CERTIFICATION
to
FCC PART 15 Subpart C (Section 15.247) & RSS-210

1.0 INTRODUCTION

EMI testing was performed on the Fujitsu notebook PC, Model: P8010 with INTEL Mini-PCI Wireless LAN Module (Kedron 802.11a/b/g/n), Model: 4965AGN & TAIYO YUDEN Bluetooth Module, Model: EYSMJCS.

The Bluetooth module was originally certified by TAIYO YUDEN as a modular approval under FCC ID: RYYEYSMJCS (Canada ID: 4389B-EYSMJCS). The Radio modules are installed in a controlled environment at the Fujitsu notebook production/assembly factory.

The Kedron WLAN module was originally certified by INTEL as a modular approval under FCC ID: PD94965AGN (Canada ID: 1000M-4965AGN). The Radio modules are installed in a controlled environment at the Fujitsu notebook production/assembly factory.

The Kedron WLAN supports IEEE 802.11b, IEEE 802.11g, IEEE 802.11a and IEEE 802.11n (DTS & U-NII) configurations. Tests were performed in all configurations and also on the Bluetooth.

DTS results for the Bluetooth are reported in this test report.

The U-NII and DTS (WLAN) results are reported separately.

Refer to EMC Technologies' test report: M071118_Cert_4965AGN_NII_BT and M071118_Cert_4965AGN_DTS_BT.

Test results and procedures were performed in accordance with the following Federal Communications Commission (FCC) standards/regulations:

| | |
|-----------------------------|--|
| 47 CFR, Part 15, Subpart C: | Rules for intentional radiators (particularly section 15.247) |
| Section 15.203: | Antenna requirements |
| Section 15.205: | Restricted bands of operation |
| Section 15.207: | Conducted Emission Limits |
| Section 15.209: | Radiated Emission Limits (General requirements) |
| Section 15.247: | Operation in the bands 902-928 MHz, 2400-2483.5 MHz, 5725-5850 MHz |

The test sample **complied** with the requirements of 47 CFR, Part 15 Subpart C - Section 15.247.

The test sample also complied with the Industry Canada RSS-210 issue 7 - Low Power Licence-Exempt Radiocommunication Devices (All Frequency Bands): Category I Equipment, Annex 8 and the RF exposure requirements of RSS-102.

The measurement procedure used was in accordance with ANSI C63.4-2003 and OET Bulletin No. 65. The instrumentation conformed to the requirements of ANSI C63.2-1996.



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1.1 Summary of Results

1.1.1 FCC Subpart C, Section 15.247 - Bluetooth

| FCC Part 15, Subpart C Clauses | Industry Canada RSS-210 Issue 7 and RSS-Gen Clauses | Test Performed | Result |
|--------------------------------|---|------------------------------|---|
| 15.203 | RSS-Gen (7.1.4) | Antenna Requirement | Complies |
| 15.205 | 2.2 (Table 1) | Operation in Restricted Band | Complies |
| 15.207 | RSS-Gen (7.2.2) | Conducted Emissions | Complies |
| 15.209 | RSS-Gen (6) | Radiated Emissions | Complies |
| 15.247 (a)(1) | A8.1 (b) (d) | Channel Occupancy/Bandwidth | Complies |
| 15.247 (b)(1) | A8.4 | Peak Output Power | Complies |
| 15.247 (c) | RSS-Gen (7.1.4) | Antenna Gain > 6 dBi | Not Applicable. Antenna gain < 6 dBi |
| 15.247 (d) | A8.5 | Out of Band Emissions | Complies |
| 15.247 (e) | A8.2 (b) | Peak Power Spectral Density | Not Applicable. EUT is not digital modulated system |
| 15.247 (f) | A8.3 | *Hybrid Systems | Not Applicable. EUT does not employ a hybrid system |
| 15.247 (g) | A8.1 | Frequency Hopping | Complies |
| 15.247 (h) | A8.1 | Frequency Hopping | Complies |
| 15.247 (i) | RSS-Gen (5.5) | Radio Frequency Hazard | Complies |

*Hybrid systems are those that employ a combination of both frequency hopping and digital modulations technique.

1.1.2 FCC Subpart E, Section 15.407 - WLAN

Refer to EMC Technologies Report No: M071118_Cert_4965AGN_NII_BT

1.1.3 FCC Subpart C, Section 15.247 – WLAN

Refer to EMC Technologies Report No: M071118_Cert_4965AGN_DTS_BT

1.2 Modifications by EMC Technologies

No modifications were required.



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2.0 GENERAL INFORMATION
(Information supplied by the Client)

2.1 EUT (Bluetooth) Details

Transmitter: Bluetooth
Model Number: EYSMJCS
Manufacturer: TAIYO YUDEN
Network Standard: Bluetooth™ RF Test Specification
Modulation Type: Frequency Hopping Spread Spectrum (FHSS)
Frequency Range: 2402 MHz to 2480 MHz
Number of Channels: 79
Carrier Spacing: 1.0 MHz
Antenna Types: Nissei Electric Inverted F Antenna, Model: CP115428
 Location: Left palm rest area
Antenna gain: Max antenna gain is less than 6 dBi.
 Refer antenna data provided separately
Max. Output Power: 4 dBm
Reference Oscillator: 16 MHz (Built-in)
Power Supply: 3.3 VDC from host.

Frequency allocation:

| Channel Number | Frequency (MHz) | Bluetooth Utility power setting |
|----------------|-----------------|---------------------------------|
| 1* | 2402 | Power (Ext, Int) = 0, 96 |
| 2 | 2403 | |
| 3 | 2404 | |
| . | . | |
| . | . | |
| . | . | |
| 39 | 2440 | |
| 40* | 2441 | |
| 41 | 2442 | |
| . | . | |
| . | . | |
| . | . | |
| 77 | 2478 | |
| 78 | 2479 | |
| 79* | 2480 | |

*Channels tested and reported in this report.



2.2 EUT (WLAN) Details

| | |
|-------------------------------|---|
| Transmitter: | Mini-Card Wireless LAN Module |
| Wireless Module: | Kedron (802.11a/b/g/n) |
| Model Number: | 4965AGN |
| Manufacturer: | Intel Corporation |
| Modulation Type: | Direct Sequence Spread Spectrum (DSSS for 802.11b) Orthogonal Frequency Division Multiplexing (OFDM for 802.11g) Orthogonal Frequency Division Multiplexing (OFDM for 802.11a) Orthogonal Frequency Division Multiplexing (OFDM for 802.11n) |
| 2.4 GHz (802.11b/g/n): | DBPSK, DQPSK, CCK, 16QAM and 64QAM |
| 5 GHz (802.11a/n): | BPSK, QPSK, 16QAM and 64QAM |
| Maximum Data Rate: | 802.11b = 11Mbps, 802.11g and 802.11a = 54Mbps 802.11n = 300 Mbps |
| Frequency Ranges: | 2.412 –2.462 GHz for 11b/g/n 5.18 - 5.32 GHz and 5.745 - 5.825 GHz for 11a/n |
| Number of Channels: | 11 channels for 11b/g/n 13 channels for 11a/n with 20 MHz bandwidth 6 channels for 11n with 40 MHz bandwidth |
| Antenna Types: | Tx: Nissei Electric Inverted F Antenna Model: CP313571 (Main: Right), CP313571 (Aux: Left) Location: Top edge of LCD screen Rx: Nissei Electric Inverted F Antenna, Model: CP313572 |
| Antenna gain: | Max antenna gain is less than 6 dBi. Refer antenna data provided separately |
| Power Supply: | 3.3 VDC from PCI bus |

Channels Tested and Output power setting:

| Channel and Mode | Frequency MHz | Average Output Power dBm |
|--|---------------------|--------------------------|
| 802.11b/g/n mode | | |
| **Channels 1, 6 and 11 | 2412, 2437 and 2462 | 15.5 |
| 802.11a/n mode with 20MHz Bandwidth | | |
| *Channels 36 | 5180 | 16.5 |
| *Channels 48 | 5240 | 16.5 |
| *Channels 64 | 5320 | 16.5 |
| **Channels 149 | 5745 | 17.5 |
| **Channels 157 | 5785 | 17.5 |
| **Channels 165 | 5825 | 17.5 |
| 802.11n mode with 40MHz Bandwidth | | |
| *Channels 38 | 5190 | 14.5 |
| *Channels 46 | 5230 | 16.5 |
| *Channels 62 | 5310 | 15.5 |
| **Channels 151 | 5755 | 17.5 |
| **Channels 159 | 5795 | 17.5 |

*Channels tested and reported in the DTS submission (M071118_Cert_4965AGN_DTS_BT)

**Channels tested and reported in the U-NII submission ((M071118_Cert_4965AGN_NII_BT)



2.3 EUT (Notebook PC) Details

| | |
|-------------------------------|---|
| EUT: | LifeBook P series |
| Model Name: | P8010 |
| Serial Number: | Pre-production Sample |
| Manufacturer: | FUJITSU LIMITED |
| CPU Type and Speed: | Core2 Duo SL7100 1.2GHz |
| LCD | 12.1" WXGA |
| Wired LAN: | Marvell 88E8055 : 10 Base-T/100 Base-TX/1000Base-T |
| Modem: | Agere MDC1.5 modem Model: D40 |
| Port Replicator Model: | FPCPR82 |
| AC Adapter Model: | 60W:SED80N2-16.0(Sanken) and PXW1637N (Tamura)(Japan only) |
| Voltage: | 16 V |
| Current Specs: | 3.75A |
| Watts: | 60W |

2.4 Operational Description

The Bluetooth test software "BlueTest" was used to transmit continuously during the tests.

2.5 Test Configuration

Conducted tests were performed at the Bluetooth Antenna ports.

Radiated tests were performed for measuring the harmonics and spurious from the transmitters.

2.6 Technical Specifications

Refer to Appendix G for details

2.7 Block Diagram

Refer to Appendix D - Block Diagram

2.8 Support Equipment

Refer to Attachment 3 – FCC Part 15B Test Report (Report: FG07-171EAL)

2.9 Test Procedure

Emissions measurements were performed in accordance with the procedures of ANSI C63.4-2003. Radiated emissions tests were performed at a distance of 1 and 3 metres from the EUT. OET Bulletin 65 dated June 2001 was used for reference.



2.10 Test Facility

2.10.1 General

Radiated Emission measurements were performed at EMC Technologies open area test site (OATS) situated at Lerderberg Gorge, near the township of Bacchus Marsh in Victoria, Australia. Conducted measurements at an antenna ports were performed at EMC Technologies' laboratory in Tullamarine, Victoria Australia.

The above test sites have been accepted for testing by the Federal Communications Commission (FCC) - **FCC Registration Number 90560**.

EMC Technologies open area test site (OATS) has also been accepted by Industry Canada for the performance of radiated measurements in accordance with RSS 212, Issue 1 (Provisional). **Industry Canada File Number IC 4161**.

2.10.2 NATA Accreditation

EMC Technologies is accredited in Australia to test to the following standards by the National Association of Testing Authorities (NATA).

“FCC Part 15 unintentional and intentional emitters in the frequency range 9kHz to 18 GHz excluding TV receivers (15.117 and 15.119), TV interface devices (15.115), cable ready consumer electronic equipment (15.118), cable locating equipment (15.213) and unlicensed national information infrastructure devices (Sub part E).”

The current full scope of accreditation can be found on the NATA website: www.nata.asn.au It also includes a large number of emissions, immunity, SAR, EMR and Safety standards.

NATA is the Australian national laboratory accreditation body and has accredited EMC Technologies to operate to the IEC/ISO17025 requirements. A major requirement for accreditation is the assessment of the company and its personnel as being technically competent in testing to the standards. This requires fully documented test procedures, continued calibration of all equipment to the National Standard at the National Measurements Institute (NMI) and an internal quality system to ISO 9002. NATA has mutual recognition agreements with the National Voluntary Laboratory Accreditation Program (NVLAP) and the American Association for Laboratory Accreditation (A²LA).

2.11 Test Equipment Calibration

All measurement instrumentation and transducers were calibrated in accordance with the applicable standards by an independent NATA registered laboratory such as Agilent Technologies (Australia) Pty Ltd or the National Measurement Institute (NMI). All equipment calibration is traceable to Australia national standards at the National Measurements Institute. The reference antenna calibration was performed by NMI and the working antennas (biconical and log-periodic) calibrated by the NATA approved procedures. The complete list of test equipment used for the measurements, including calibration dates and traceability is contained in Appendix A

2.12 Ambients at OATS

The Open Area Test Site (OATS) is an area of low background ambient signals. No significant broadband ambients are present however commercial radio and TV signals exceed the limit in the FM radio, VHF and UHF television bands. Radiated prescan measurements were performed in the shielded enclosure to check for possible radiated emissions at the frequencies where the OATS ambient signals exceeded the test limit.



FCC 15.247 (DTS) RESULTS

3.0 CONDUCTED EMISSION MEASUREMENTS

Testing was performed in accordance with the requirements of FCC Part 15.207
Refer to Attachment 3 – FCC Part 15B Test Report (Report: FG07-171EAL)

4.0 SPURIOUS EMISSION MEASUREMENTS

4.1 Test Procedure

Testing was performed in accordance with the requirements of FCC Part 15.247(d).

Radiated emission measurements were performed to the limits as per section 15.209. The measurements were made at the open area test site.

The EUT was set up on the table top (placed on turntable) of total height 80 cm above the ground plane, and operated as described in section 2 of this report. The test frequency range was subdivided into smaller bands with sufficient frequency resolution to permit reliable display and identification of possible EMI peaks while also permitting fast frequency scan times. Calibrated EMCO 3115, EMCO 3116 and ETS standard gain horn antennas were used for measurements between 1 to 40 GHz.

The measurement of emissions between 30 - 1000 MHz, refer to Attachment 3 – FCC Part 15B Test Report (Report: FG07-171EAL).

The measurement of emissions above 1000 MHz was measured using a following setting:

Peak measurements setting: RBW = VBW = 1 MHz

Average measurements setting: RBW = 1 MHz and VBW = 10 Hz

The receiver bandwidth was set to 6 dB.

The EUT was slowly rotated with the Peak Detector set to Max-Hold. This was performed for two antenna heights. When an emission was located, it was positively identified and its maximum level found by rotating the automated turntable, and by varying the antenna height. Each significant peak was investigated with the Quasi-Peak/Average Detectors. The software for cable losses automatically corrected the measurement data for each frequency range, antenna factors and preamplifier gain and all data was then stored on disk in sequential data files. This process was performed for both horizontal and vertical antenna polarisations.

4.2 Calculation of field strength

The field strength was calculated automatically by the software using all the pre-stored calibration data. The method of calculation is shown below:

E = V + AF - G + L Where:

E = Radiated Field Strength in dB μ V/m.

V = EMI Receiver Voltage in dB μ V. (measured value)

AF = Antenna Factor in dB(m⁻¹). (stored as a data array)

G = Preamplifier Gain in dB. (stored as a data array)

L = Cable loss in dB. (stored as a data array of Insertion Loss versus frequency)

- **Example Field Strength Calculation**

Assuming a receiver reading of 34.0 dB μ V is obtained at 90 MHz, the Antenna Factor at that frequency is 9.2 dB. The cable loss is 1.9 dB while the preamplifier gain is 20 dB. The resulting Field Strength is therefore as follows:

$$34.0 + 9.2 + 1.9 - 20 = 25.1 \text{ dB}\mu\text{V/m}$$

Measurement uncertainty with a confidence interval of 95% is:

- Free radiation tests (1000 MHz – 18,000 MHz) \pm 4.1 dB



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4.3 Radiated Emissions (Spurious and Harmonics)

4.3.1 Frequency Band: 1 – 40 GHz

All measurements above 1 GHz were initially made over a distance of 3 metres. This was decreased to 1.0 metre as the emission levels from the device were very low.

The 74 dB μ V/m @ 3m and 54 dB μ V/m @ 3m limits are applied for emissions fall in the restricted bands. The limits for emission outside the restricted band are 20 dB below the fundamental field strength.

Testing was performed while both the WLAN transmitter and Bluetooth transmitter continuously operated. Harmonics related to the Bluetooth transmitter are reported below. Harmonics related to the WLAN transmitter refer to M071118_Cert_4965AGN_NII_BT. and M071118_Cert_4965AGN_DTS_BT.

Channel 1 - 2402 MHz

| Frequency MHz | Peak Detector dBuV/m | Average Detector dBuV/m | Peak Limit dBuV/m | Average Limit dBuV/m | Result |
|---------------|----------------------|-------------------------|-------------------|----------------------|----------|
| 2402 | 86.2 | 50.3 | - | - | - |
| 4804 | 48.7 | 35.1 | 74.0 | 54.0 | Complies |
| 2390 | 37.7 | 25.0 | 74.0 | 54.0 | Complies |

Channel 40 - 2441 MHz

| Frequency MHz | Peak Detector dBuV/m | Average Detector dBuV/m | Peak Limit dBuV/m | Average Limit dBuV/m | Result |
|---------------|----------------------|-------------------------|-------------------|----------------------|----------|
| 2441 | 85.1 | 49.6 | - | - | - |
| 4882 | 48.5 | 35.0 | 74.0 | 54.0 | Complies |

Channel 79 - 2480 MHz

| Frequency MHz | Peak Detector dBuV/m | Average Detector dBuV/m | Peak Limit dBuV/m | Average Limit dBuV/m | Result |
|---------------|----------------------|-------------------------|-------------------|----------------------|----------|
| 2480 | 84.3 | 49.2 | - | - | - |
| 4960 | 47.8 | 34.6 | 74.0 | 54.0 | Complies |
| 2483.5 | 42.9 | 27.5 | 74.0 | 54.0 | Complies |

Result: Harmonic emission was recorded up to 25 GHz. Other harmonics were confirmed low with both RBW and VBW reduced. Emissions complied with the FCC limits of sections 15.209 and 15.247 by a margin of 18.9 dB. The measurement uncertainty for radiated emissions in this band was ± 4.1 dB.

4.3.2 Frequency Band: 30 - 1000 MHz

Testing was performed by Fujitsu General EMC Laboratory, JAPAN accredited by NVLAP (Lab Code: 200373-0).

Results: Complied - refer to Attachment 3 – FCC Part 15B Test Report (Report: FG07-171EAL).

4.3.3 RF Conducted Measurements at the antenna terminal

Testing was performed by Telefication B.V, The Netherlands, and accreditation number: L 021.

Results: Complied – refer to attachment 4, Telefication test report number: 20072023301 with FCC ID: RYYEYSMJCS.



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4.3.4 Band Edge Measurements

Complied (refer to section 4.3 – radiated emissions).

5.0 PEAK OUTPUT POWER - Section 15.247 (b)(1)

Testing was performed by Telefication B.V, The Netherlands, and accreditation number: L 021.

Results: Complied – refer to attachment 4, Telefication test report number: 20072023301 with FCC ID: RYYEYSMJCS.

6.0 CHANNEL BANDWIDTH & CHANNEL OCCUPANCY

Testing was performed by Telefication B.V, The Netherlands, and accreditation number: L 021.

Results: Complied – refer to attachment 4, Telefication test report number: 20072023301 with FCC ID: RYYEYSMJCS.

7.0 RADIO FREQUENCY EXPOSURE (HAZARD) INFORMATION

Testing was performed in accordance with the requirements of FCC Part 15.247(i)

Spread spectrum transmitters operating in the 2400 - 2483.5 MHz and 5725 – 5850 MHz bands are required to be operated in a manner that ensures that the public is not exposed to RF energy levels in accordance with CFR 47, Section 1.1307(b)(1).

In accordance with this section and also section 2.1093 this device has been defined as a portable device.

SAR testing was performed in accordance with OET Bulletin 65 and reported under EMC Technologies reports M071142_Cert_4965AGN_SAR_2.4 and M071142_Cert_4965AGN_SAR_5.6. SAR value is measured low (noise floor) which complies with the FCC human exposure requirements of 47 CFR 2.1093 (d).

8.0 ANTENNA REQUIREMENT

This intentional radiator was designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.



9.0 COMPLIANCE STATEMENT

The Fujitsu notebook PC, Model: P8010 with TAIYO YUDEN Bluetooth Module, Model: EYSMJCS and INTEL Mini-PCI Wireless LAN Module ((Kedron 802.11a/b/g/n), Model: 4965AGN, **complied** with the requirements of 47 CFR, Part 15 Subpart C - Rules for Radio Frequency Devices (intentional radiators), Section 15.247 -Operation in the frequency band 2400 - 2483.5 MHz.

The test sample also complied with the Industry Canada RSS-210 issue 7 - Low Power Licence-Exempt Radiocommunication Devices (All Frequency Bands): Category I Equipment, Annex 8 and the RF exposure requirements of RSS-102.

Results were as follows:

FCC Subpart C, Section 15.247 - Bluetooth

| FCC Part 15, Subpart C Clauses | Industry Canada RSS-210 Issue 7 and RSS-Gen Clauses | Test Performed | Result |
|--------------------------------|---|------------------------------|---|
| 15.203 | RSS-Gen (7.1.4) | Antenna Requirement | Complies |
| 15.205 | 2.2 (Table 1) | Operation in Restricted Band | Complies |
| 15.207 | RSS-Gen (7.2.2) | Conducted Emissions | Complies |
| 15.209 | RSS-Gen (6) | Radiated Emissions | Complies |
| 15.247 (a)(1) | A8.1 (b) (d) | Channel Occupancy/Bandwidth | Complies |
| 15.247 (b)(1) | A8.4 | Peak Output Power | Complies |
| 15.247 (c) | RSS-Gen (7.1.4) | Antenna Gain > 6 dBi | Not Applicable. Antenna gain < 6 dBi |
| 15.247 (d) | A8.5 | Out of Band Emissions | Complies |
| 15.247 (e) | A8.2 (b) | Peak Power Spectral Density | Not Applicable. EUT is not digital modulated system |
| 15.247 (f) | A8.3 | *Hybrid Systems | Not Applicable. EUT does not employ a hybrid system |
| 15.247 (g) | A8.1 | Frequency Hopping | Complies |
| 15.247 (h) | A8.1 | Frequency Hopping | Complies |
| 15.247 (i) | RSS-Gen (5.5) | Radio Frequency Hazard | Complies |

*Hybrid systems are those that employ a combination of both frequency hopping and digital modulations technique.

FCC Subpart E, Section 15.407 - WLAN

Refer to EMC Technologies Report No: M071118_Cert_4965AGN_NII_BT

FCC Subpart C, Section 15.247 – WLAN

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