

## FCC PART 15B, CLASS B

### TEST REPORT

For

## Beijing CUZKON Technology Development Co., Ltd.

Layer11, sector A, Theo center, Datun Road, Chaoyang District, Beijing 100101, P.R. China

**FCC ID: RDGC18**

|                                                                                                                                                                                                                                                                                 |                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| <b>Report Type:</b><br>Original Report                                                                                                                                                                                                                                          | <b>Product Type:</b><br>Cloudkey Disk |
| <b>Test Engineer:</b> Star Xie <i>star xie</i>                                                                                                                                                                                                                                  |                                       |
| <b>Report Number:</b> R1BJ121206051-00                                                                                                                                                                                                                                          |                                       |
| <b>Report Date:</b> 2012-12-17                                                                                                                                                                                                                                                  |                                       |
| <b>Reviewed By:</b> Harry Wu <i>Harry Wu</i>                                                                                                                                                                                                                                    |                                       |
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Note: This test report is prepared for the customer shown above and for the device described herein. It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Dongguan).

## **TABLE OF CONTENTS**

|                                                          |           |
|----------------------------------------------------------|-----------|
| <b>GENERAL INFORMATION.....</b>                          | <b>3</b>  |
| PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT) ..... | 3         |
| OBJECTIVE .....                                          | 3         |
| RELATED SUBMITTAL(S)/GRANT(S).....                       | 3         |
| TEST FACILITY .....                                      | 3         |
| <b>SYSTEM TEST CONFIGURATION.....</b>                    | <b>4</b>  |
| JUSTIFICATION .....                                      | 4         |
| EUT EXERCISE SOFTWARE .....                              | 4         |
| EQUIPMENT MODIFICATIONS .....                            | 4         |
| LOCAL SUPPORT EQUIPMENT LIST AND DETAILS .....           | 4         |
| EXTERNAL I/O CABLE.....                                  | 4         |
| BLOCK DIAGRAM OF TEST SETUP .....                        | 5         |
| <b>SUMMARY OF TEST RESULTS .....</b>                     | <b>6</b>  |
| <b>FCC §15.107 – AC LINE CONDUCTED EMISSIONS.....</b>    | <b>7</b>  |
| MEASUREMENT UNCERTAINTY.....                             | 7         |
| EUT SETUP .....                                          | 7         |
| EMI TEST RECEIVER SETUP.....                             | 7         |
| TEST PROCEDURE .....                                     | 8         |
| TEST EQUIPMENT LIST AND DETAILS.....                     | 8         |
| TEST RESULTS SUMMARY .....                               | 8         |
| TEST DATA .....                                          | 8         |
| <b>FCC §15.109 - RADIATED EMISSIONS .....</b>            | <b>15</b> |
| MEASUREMENT UNCERTAINTY.....                             | 15        |
| EUT SETUP .....                                          | 15        |
| EMI TEST RECEIVER SETUP.....                             | 15        |
| TEST PROCEDURE .....                                     | 16        |
| CORRECTED AMPLITUDE & MARGIN CALCULATION .....           | 16        |
| TEST EQUIPMENT LIST AND DETAILS.....                     | 16        |
| TEST RESULTS SUMMARY .....                               | 16        |
| TEST DATA .....                                          | 17        |
| <b>DECLARATION LETTER .....</b>                          | <b>23</b> |

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## GENERAL INFORMATION

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### Product Description for Equipment under Test (EUT)

The *Beijing CUZKON Technology Development Co., Ltd.*'s product, model number: *C18* (FCC ID: *RDGC18*) (the "EUT") in this report is a *Cloudkey Disk*, which was measured approximately: 4.8 cm (L) x 1.5 cm (W) x 0.5 cm (H), rated input voltage: DC 5V from system, the highest operating frequency is 12MHz.

*Note: The series product, model C18, C618 are electrically identical, we selected C18 for fully testing, the details was explained in the attached declaration letter.*

*All measurement and test data in this report was gathered from production sample serial number: 121206051 (Assigned by BACL, Dongguan). The EUT was received on 2012-12-06.*

### Objective

This report is prepared on behalf of *Beijing CUZKON Technology Development Co., Ltd.* in accordance with Part 2, Subpart J, Part 15, Subparts A and B of the Federal Communication Commissions rules.

The objective of the manufacturer is to determine compliance with FCC Part 15B, Class B.

### Related Submittal(s)/Grant(s)

No Related Submittal(s)/Grant(s)

### Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.69 Pulongcun, Puxinhu Industrial Zone, Tangxia, Dongguan, Guangdong, China

Test site at Bay Area Compliance Laboratories Corp. (Dongguan) has been fully described in reports submitted to the Federal Communication Commission (FCC). The details of these reports have been found to be in compliance with the requirements of Section 2.948 of the FCC Rules on February 02, 2012. The facility also complies with the radiated and AC line conducted test site criteria set forth in ANSI C63.4-2009.

The Federal Communications Commission has the reports on file and is listed under FCC Registration No.: 273710. The test site has been approved by the FCC for public use and is listed in the FCC Public Access Link (PAL) database.

## SYSTEM TEST CONFIGURATION

### Justification

The system was configured for testing in a typical fashion (as normally used by a typical user).

### EUT Exercise Software

The software “Winthrax Version 3.07” was used.

### Equipment Modifications

No modification was made to the EUT.

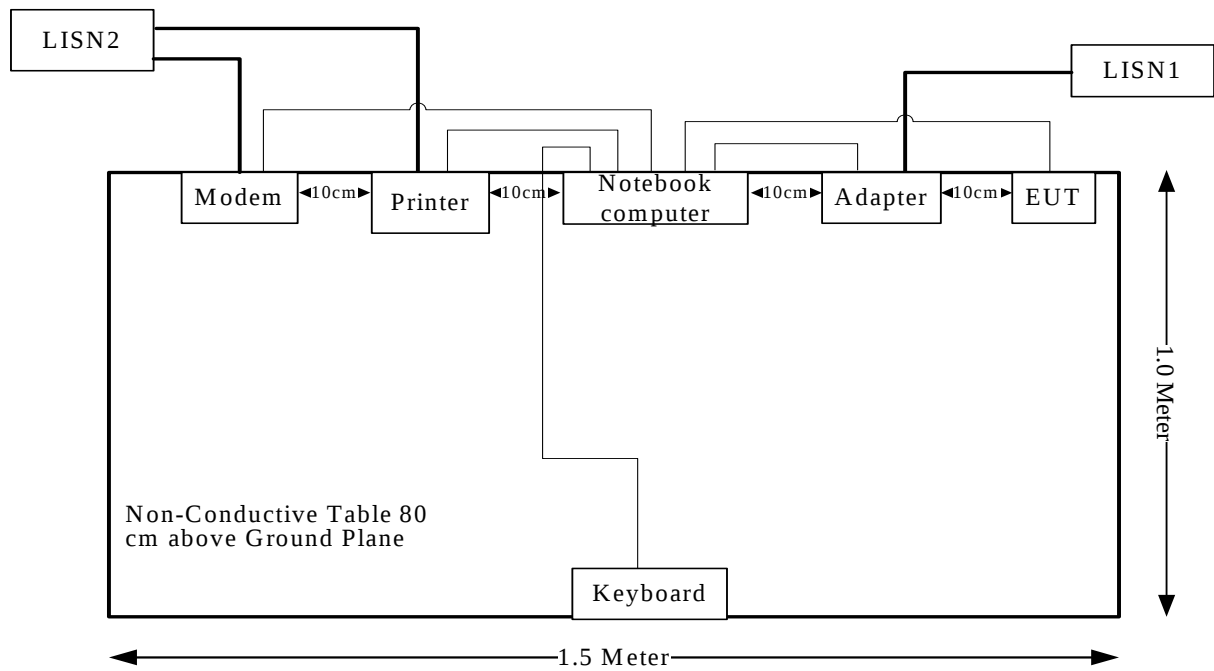
### Local Support Equipment List and Details

| Manufacturer | Description       | Model    | Serial Number             |
|--------------|-------------------|----------|---------------------------|
| DELL         | Notebook computer | PP11L    | QDS-BRCM1017              |
| HP           | Printer           | C3941A   | JPTV013237                |
| DELL         | Keyboard          | SK-8115  | CN-0DJ313-716716-05A-0DSO |
| SAST         | Modem             | AEM-2100 | 090200213                 |

### External I/O Cable

| Cable Description                  | Length (m) | From                | To       |
|------------------------------------|------------|---------------------|----------|
| Shielded Detachable Printer Cable  | 1.2        | Parallel Port of PC | Printer  |
| Shielded Detachable Serial Cable   | 1.2        | Serial Port of PC   | Modem    |
| Shielded Detachable Keyboard Cable | 1.5        | Keyboard Port of PC | Keyboard |
| Shielded Detachable USB Cable      | 1.8        | U SB Port of PC     | EUT      |

## Block Diagram of Test Setup



**SUMMARY OF TEST RESULTS**

| FCC Rules | Description of Test         | Results    |
|-----------|-----------------------------|------------|
| §15.107   | AC Line Conducted Emissions | Compliance |
| §15.109   | Radiated Emissions          | Compliance |

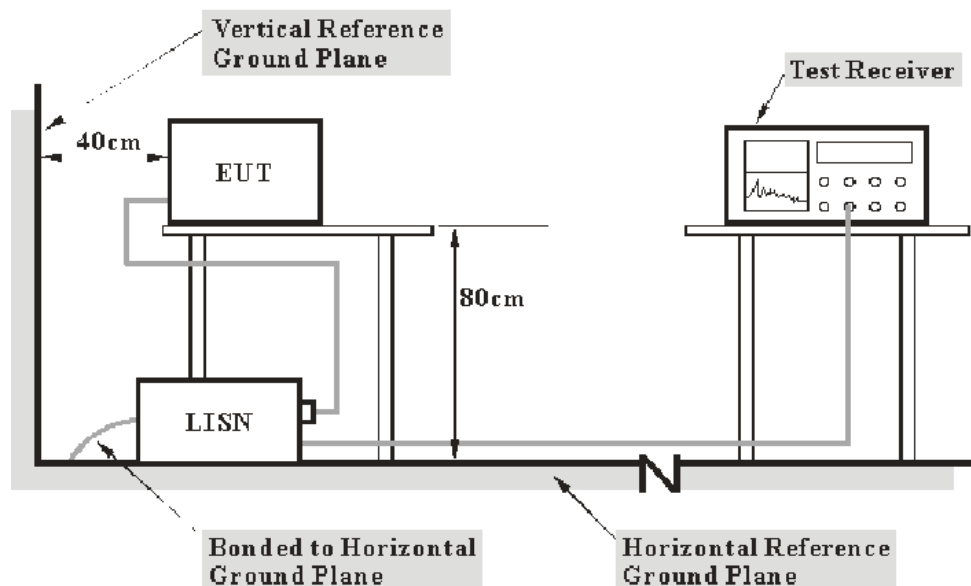
## FCC §15.107 – AC LINE CONDUCTED EMISSIONS

### Measurement Uncertainty

All measurements involve certain levels of uncertainties, especially in field of EMC. The factors contributing to uncertainties are Receiver, cable loss, and LISN.

Based on CISPR 16-4-2, The Treatment of Uncertainty in EMC Measurements, the best estimate of the uncertainty of any conducted emissions measurement at Bay Area Compliance Laboratories Corp. (Dongguan) is 1.5 dB, and the uncertainty will not be taken into consideration for all the test data recorded in the report.

### EUT Setup



- Note: 1. Support units were connected to second LISN.  
 2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The setup of EUT is according with per ANSI C63.4-2009 measurement procedure. The specification used was with the FCC Part 15.107 Class B limits.

The adapter was connected to a 120 VAC/60 Hz power source.

### EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

| <u>Frequency Range</u> | <u>IF B/W</u> |
|------------------------|---------------|
| 150 kHz – 30 MHz       | 9 kHz         |

## Test Procedure

During the conducted emission test, the adapter was connected to the outlet of the first LISN and the other support equipments were connected to the outlet of the second LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

All data was recorded in the Quasi-peak and average detection mode.

## Test Equipment List and Details

| Manufacturer | Description       | Model   | Serial Number | Calibration Date | Calibration Due Date |
|--------------|-------------------|---------|---------------|------------------|----------------------|
| R&S          | EMI Test Receiver | ESCS 30 | 830245/006    | 2012-11-29       | 2013-11-28           |
| R&S          | LISN1             | ESH3-Z5 | 843331/015    | 2012-09-17       | 2013-09-16           |
| R&S          | LISN2             | ESH3-Z5 | 100113        | 2012-11-29       | 2013-11-28           |

## Test Results Summary

According to the recorded data in following table, the EUT complied with the FCC Part 15.107, with the worst margin reading of:

**8.37 dB at 0.315 MHz** in the **Neutral** conducted mode of model 16G

## Test Data

### Environmental Conditions

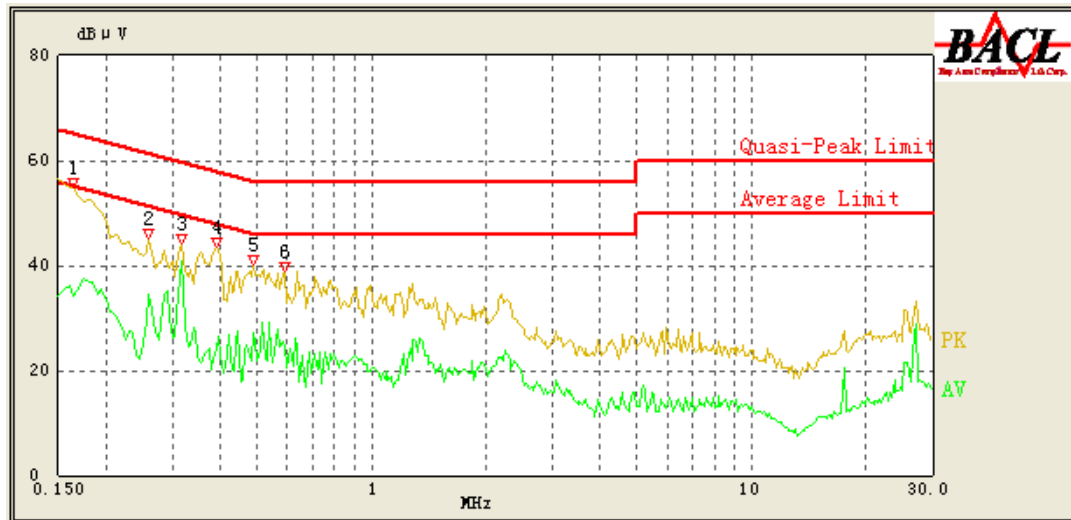
|                    |           |
|--------------------|-----------|
| Temperature:       | 25.2 °C   |
| Relative Humidity: | 55 %      |
| ATM Pressure:      | 101.3 kPa |

*The testing was performed by Star Xie on 2012-12-07.*

Test mode: Running

Model: 8G

120 V, 60 Hz, Line:



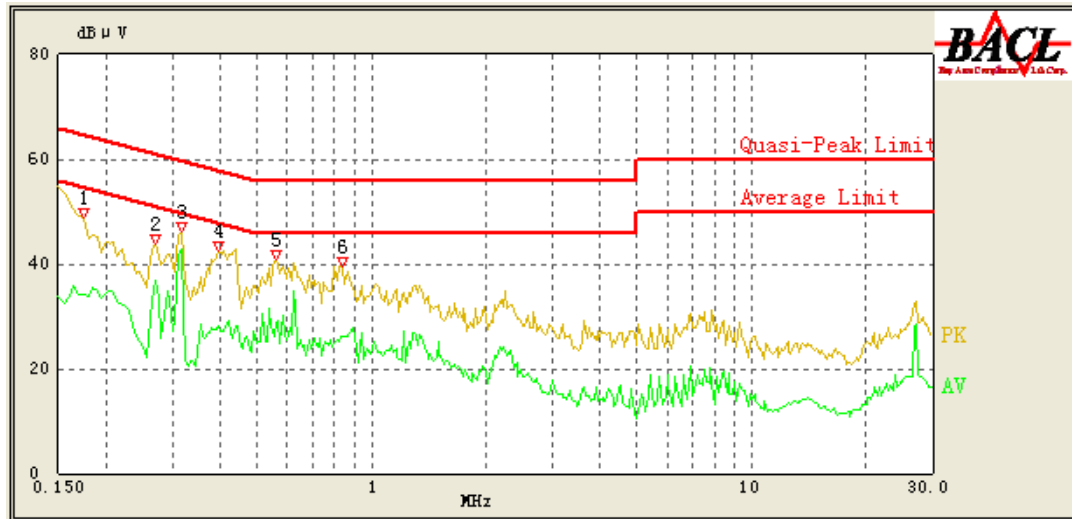
| No. | Frequency (MHz) | Cord. Reading (dBμV) | Correction Factor (dB) | Limit (dBμV) | Margin (dB) | Detector (PK/AV/QP) |
|-----|-----------------|----------------------|------------------------|--------------|-------------|---------------------|
| 1   | 0.165           | 49.47                | 0.24                   | 65.57        | 16.10       | QP                  |
| 2   | 0.165           | 34.08                | 0.24                   | 55.57        | 21.49       | AV                  |
| 3   | 0.260           | 39.05                | 0.23                   | 62.86        | 23.81       | QP                  |
| 4   | 0.260           | 34.58                | 0.23                   | 52.86        | 18.28       | AV                  |
| 5   | 0.315           | 42.98                | 0.23                   | 61.29        | 18.31       | QP                  |
| 6   | 0.315           | 40.76                | 0.23                   | 51.29        | 10.53       | AV                  |
| 7   | 0.390           | 38.00                | 0.22                   | 59.14        | 21.14       | QP                  |
| 8   | 0.390           | 24.06                | 0.22                   | 49.14        | 25.08       | AV                  |
| 9   | 0.490           | 32.33                | 0.21                   | 56.29        | 23.96       | QP                  |
| 10  | 0.490           | 27.12                | 0.21                   | 46.29        | 19.17       | AV                  |
| 11  | 0.590           | 32.77                | 0.22                   | 56.00        | 23.23       | QP                  |
| 12  | 0.590           | 24.80                | 0.22                   | 46.00        | 21.20       | AV                  |

**120 V, 60 Hz, Neutral:**

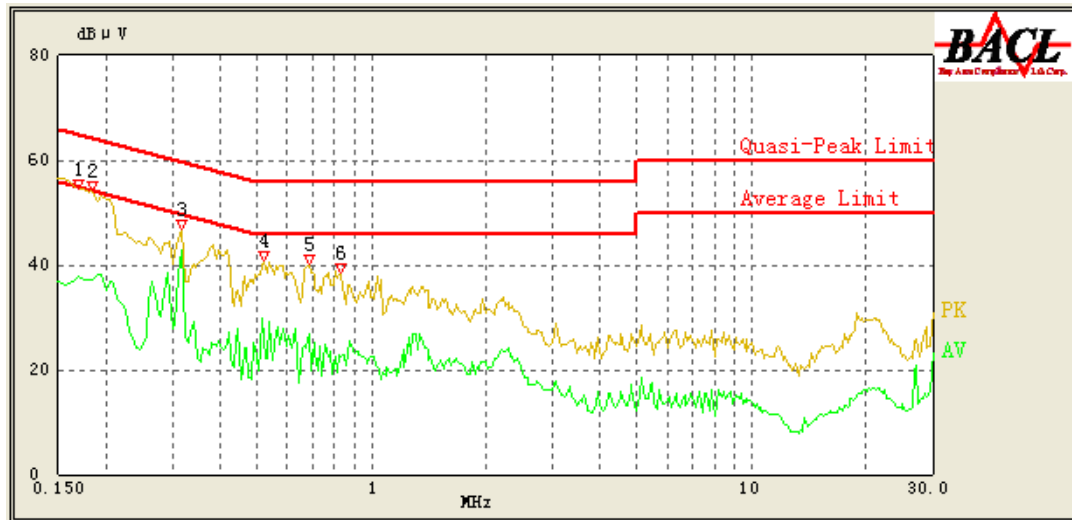
| No. | Frequency (MHz) | Cord. Reading (dBμV) | Correction Factor (dB) | Limit (dBμV) | Margin (dB) | Detector (PK/AV/QP) |
|-----|-----------------|----------------------|------------------------|--------------|-------------|---------------------|
| 1   | 0.155           | 49.14                | 0.46                   | 65.86        | 16.72       | QP                  |
| 2   | 0.155           | 40.98                | 0.46                   | 55.86        | 14.88       | AV                  |
| 3   | 0.170           | 45.87                | 0.43                   | 65.43        | 19.56       | QP                  |
| 4   | 0.170           | 35.86                | 0.43                   | 55.43        | 19.57       | AV                  |
| 5   | 0.310           | 38.59                | 0.34                   | 61.43        | 22.84       | QP                  |
| 6   | 0.310           | 32.03                | 0.34                   | 51.43        | 19.40       | AV                  |
| 7   | 0.390           | 34.04                | 0.32                   | 59.14        | 25.10       | QP                  |
| 8   | 0.390           | 32.69                | 0.32                   | 49.14        | 16.45       | AV                  |
| 9   | 0.640           | 34.17                | 0.32                   | 56.00        | 21.83       | QP                  |
| 10  | 0.640           | 30.66                | 0.32                   | 46.00        | 15.34       | AV                  |
| 11  | 0.900           | 31.53                | 0.32                   | 56.00        | 24.47       | QP                  |
| 12  | 0.900           | 25.89                | 0.32                   | 46.00        | 20.11       | AV                  |

Model: 16G

120 V, 60 Hz, Line:



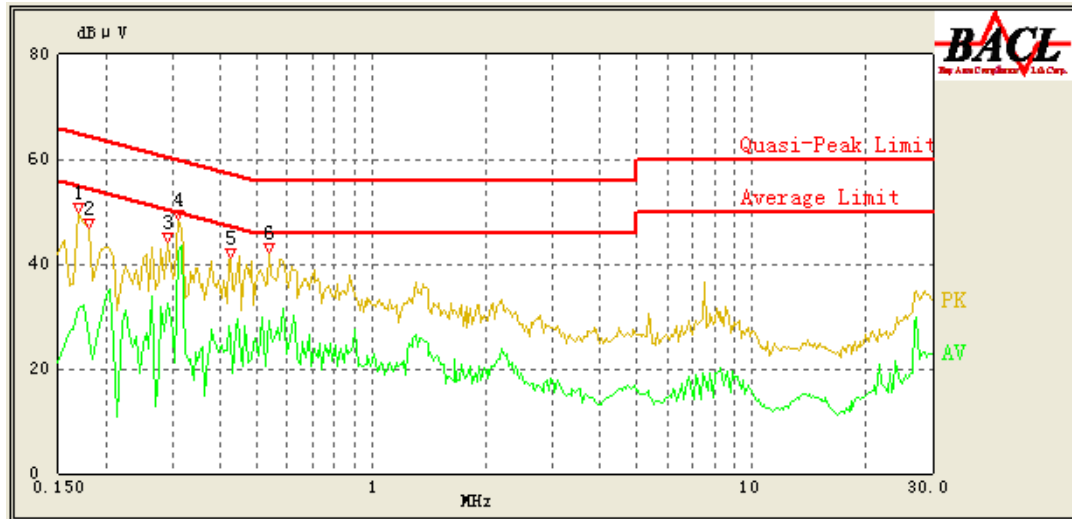
| No. | Frequency (MHz) | Cord. Reading (dBμV) | Correction Factor (dB) | Limit (dBμV) | Margin (dB) | Detector (PK/AV/QP) |
|-----|-----------------|----------------------|------------------------|--------------|-------------|---------------------|
| 1   | 0.175           | 42.39                | 0.43                   | 65.29        | 22.90       | QP                  |
| 2   | 0.175           | 34.25                | 0.43                   | 55.29        | 21.04       | AV                  |
| 3   | 0.270           | 40.08                | 0.36                   | 62.57        | 22.49       | QP                  |
| 4   | 0.270           | 36.86                | 0.36                   | 52.57        | 15.71       | AV                  |
| 5   | 0.315           | 43.53                | 0.34                   | 61.29        | 17.76       | QP                  |
| 6   | 0.315           | 42.89                | 0.34                   | 51.29        | 8.40        | AV                  |
| 7   | 0.395           | 36.21                | 0.32                   | 59.00        | 22.79       | QP                  |
| 8   | 0.395           | 28.30                | 0.32                   | 49.00        | 20.70       | AV                  |
| 9   | 0.560           | 35.92                | 0.32                   | 56.00        | 20.08       | QP                  |
| 10  | 0.560           | 28.99                | 0.32                   | 46.00        | 17.01       | AV                  |
| 11  | 0.835           | 32.35                | 0.32                   | 56.00        | 23.65       | QP                  |
| 12  | 0.830           | 26.31                | 0.32                   | 46.00        | 19.69       | AV                  |

**120 V, 60 Hz, Neutral:**

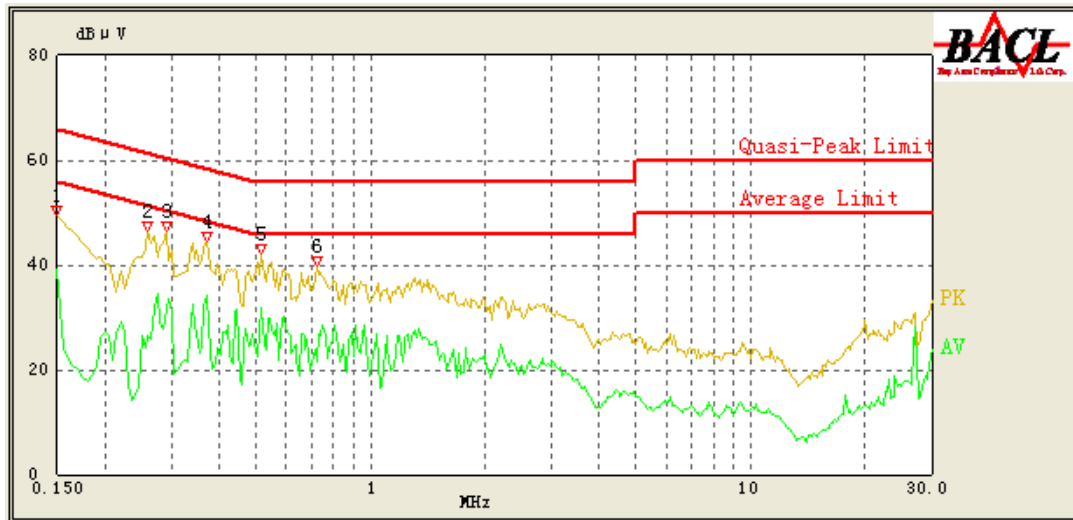
| No. | Frequency (MHz) | Cord. Reading (dBμV) | Correction Factor (dB) | Limit (dBμV) | Margin (dB) | Detector (PK/AV/QP) |
|-----|-----------------|----------------------|------------------------|--------------|-------------|---------------------|
| 1   | 0.170           | 49.93                | 0.24                   | 65.43        | 15.50       | QP                  |
| 2   | 0.170           | 37.82                | 0.24                   | 55.43        | 17.61       | AV                  |
| 3   | 0.185           | 49.58                | 0.25                   | 65.00        | 15.42       | QP                  |
| 4   | 0.185           | 37.20                | 0.25                   | 55.00        | 17.80       | AV                  |
| 5   | 0.315           | 43.81                | 0.23                   | 61.29        | 17.48       | QP                  |
| 6   | 0.315           | 42.92                | 0.23                   | 51.29        | 8.37        | AV                  |
| 7   | 0.520           | 33.11                | 0.21                   | 56.00        | 22.89       | QP                  |
| 8   | 0.515           | 29.86                | 0.21                   | 46.00        | 16.14       | AV                  |
| 9   | 0.685           | 30.55                | 0.21                   | 56.00        | 25.45       | QP                  |
| 10  | 0.685           | 26.77                | 0.21                   | 46.00        | 19.23       | AV                  |
| 11  | 0.830           | 31.70                | 0.22                   | 56.00        | 24.30       | QP                  |
| 12  | 0.830           | 22.57                | 0.22                   | 46.00        | 23.43       | AV                  |

Model: 32G

120 V, 60 Hz, Line:



| No. | Frequency (MHz) | Cord. Reading (dBμV) | Correction Factor (dB) | Limit (dBμV) | Margin (dB) | Detector (PK/AV/QP) |
|-----|-----------------|----------------------|------------------------|--------------|-------------|---------------------|
| 1   | 0.170           | 43.90                | 0.43                   | 65.43        | 21.53       | QP                  |
| 2   | 0.170           | 31.63                | 0.43                   | 55.43        | 23.80       | AV                  |
| 3   | 0.180           | 41.92                | 0.42                   | 65.14        | 23.22       | QP                  |
| 4   | 0.180           | 25.68                | 0.42                   | 55.14        | 29.46       | AV                  |
| 5   | 0.290           | 39.81                | 0.35                   | 62.00        | 22.19       | QP                  |
| 6   | 0.290           | 32.43                | 0.35                   | 52.00        | 19.57       | AV                  |
| 7   | 0.310           | 44.28                | 0.34                   | 61.43        | 17.15       | QP                  |
| 8   | 0.310           | 42.14                | 0.34                   | 51.43        | 9.29        | AV                  |
| 9   | 0.425           | 34.29                | 0.32                   | 58.14        | 23.85       | QP                  |
| 10  | 0.425           | 26.17                | 0.32                   | 48.14        | 21.97       | AV                  |
| 11  | 0.535           | 34.17                | 0.31                   | 56.00        | 21.83       | QP                  |
| 12  | 0.540           | 29.07                | 0.31                   | 46.00        | 16.93       | AV                  |

**120 V, 60 Hz, Neutral:**

| No. | Frequency (MHz) | Cord. Reading (dBμV) | Correction Factor (dB) | Limit (dBμV) | Margin (dB) | Detector (PK/AV/QP) |
|-----|-----------------|----------------------|------------------------|--------------|-------------|---------------------|
| 1   | 0.150           | 50.27                | 0.26                   | 66.00        | 15.73       | QP                  |
| 2   | 0.150           | 39.03                | 0.26                   | 56.00        | 16.97       | AV                  |
| 3   | 0.260           | 42.77                | 0.23                   | 62.86        | 20.09       | QP                  |
| 4   | 0.260           | 26.60                | 0.23                   | 52.86        | 26.26       | AV                  |
| 5   | 0.290           | 41.38                | 0.23                   | 62.00        | 20.62       | QP                  |
| 6   | 0.290           | 31.61                | 0.23                   | 52.00        | 20.39       | AV                  |
| 7   | 0.370           | 35.48                | 0.23                   | 59.71        | 24.23       | QP                  |
| 8   | 0.370           | 34.16                | 0.23                   | 49.71        | 15.55       | AV                  |
| 9   | 0.515           | 35.84                | 0.21                   | 56.00        | 20.16       | QP                  |
| 10  | 0.515           | 31.90                | 0.21                   | 46.00        | 14.10       | AV                  |
| 11  | 0.725           | 31.97                | 0.21                   | 56.00        | 24.03       | QP                  |
| 12  | 0.725           | 21.65                | 0.21                   | 46.00        | 24.35       | AV                  |

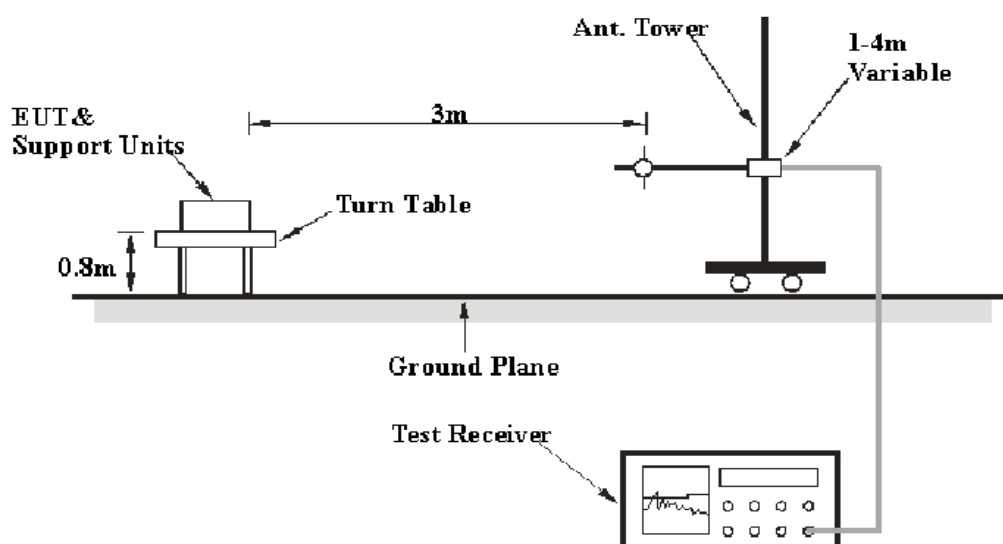
## FCC §15.109 - RADIATED EMISSIONS

### Measurement Uncertainty

All measurements involve certain levels of uncertainties, especially in field of EMC. The factors contributing to uncertainties are spectrum analyzer, cable loss, antenna factor calibration, antenna directivity, antenna factor variation with height, antenna phase center variation, antenna factor frequency interpolation, measurement distance variation, site imperfections, mismatch (average), and system repeatability.

Based on CISPR 16-4-2, The Treatment of Uncertainty in EMC Measurements, the best estimate of the uncertainty of radiation emissions measurement from 30 MHz to 1 GHz at Bay Area Compliance Laboratories Corp. (Dongguan) is 4.9 dB, and the uncertainty will not be taken into consideration for all the test data recorded in the report.

### EUT Setup



The radiated emission tests were performed in the 3 meters chamber test site, using the setup accordance with the ANSI C63.4-2009. The specification used was the FCC Part 15.109, Class B limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The adapter connected to a 120 VAC/60 Hz power source.

### EMI Test Receiver Setup

According to FCC 15.33 requirements, the system was measured from 30 MHz to 1 GHz.

During the radiated emission test, the EMI test receiver was set with the following configurations:

| <u>Frequency Range</u> | <u>RBW</u> | <u>Video B/W</u> | <u>Detector</u> |
|------------------------|------------|------------------|-----------------|
| 30MHz – 1000 MHz       | 120 kHz    | 300 kHz          | QP              |

## Test Procedure

For the radiated emissions test, the adapter was connected to the first AC floor outlet and the other support equipments were connected to the second AC floor outlet.

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

Data was recorded in Quasi-peak detection mode for frequency range of 30 MHz-1 GHz

## Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Loss and Cable Loss, and subtracting the Amplifier Gain from the Meter Reading. The basic equation is as follows:

$$\text{Corrected Amplitude} = \text{Meter Reading} + \text{Antenna Loss} + \text{Cable Loss} - \text{Amplifier Gain}$$

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

$$\text{Margin} = \text{Limit} - \text{Corrected Amplitude}$$

## Test Equipment List and Details

| Manufacturer    | Description        | Model      | Serial Number | Calibration Date | Calibration Due Date |
|-----------------|--------------------|------------|---------------|------------------|----------------------|
| Rohde & Schwarz | EMI Test Receiver  | ESCI       | 100035        | 2012-05-14       | 2013-05-13           |
| Sunol Sciences  | Hybrid Antennas    | JB3        | A060611-1     | 2011-09-06       | 2013-09-05           |
| HP              | Pre-amplifier      | 8447E      | 2434A02181    | 2012-10-08       | 2013-10-07           |
| R&S             | Spectrum Analyzer  | FSEM 30    | DE31388       | 2012-03-15       | 2013-03-14           |
| ETS-LINDGREN    | Horn Antenna       | 3115       | 000 527 35    | 2012-09-06       | 2014-09-05           |
| Mini-Circuits   | Wideband Amplifier | ZVA-183-S+ | 96901149      | N/A              | N/A                  |

## Test Results Summary

According to the data in the following table, the EUT complied with the FCC §15.109, Class B, with the worst margin reading of:

**14.40 dB at 747.8000 MHz in the Horizontal polarization of model 8G**

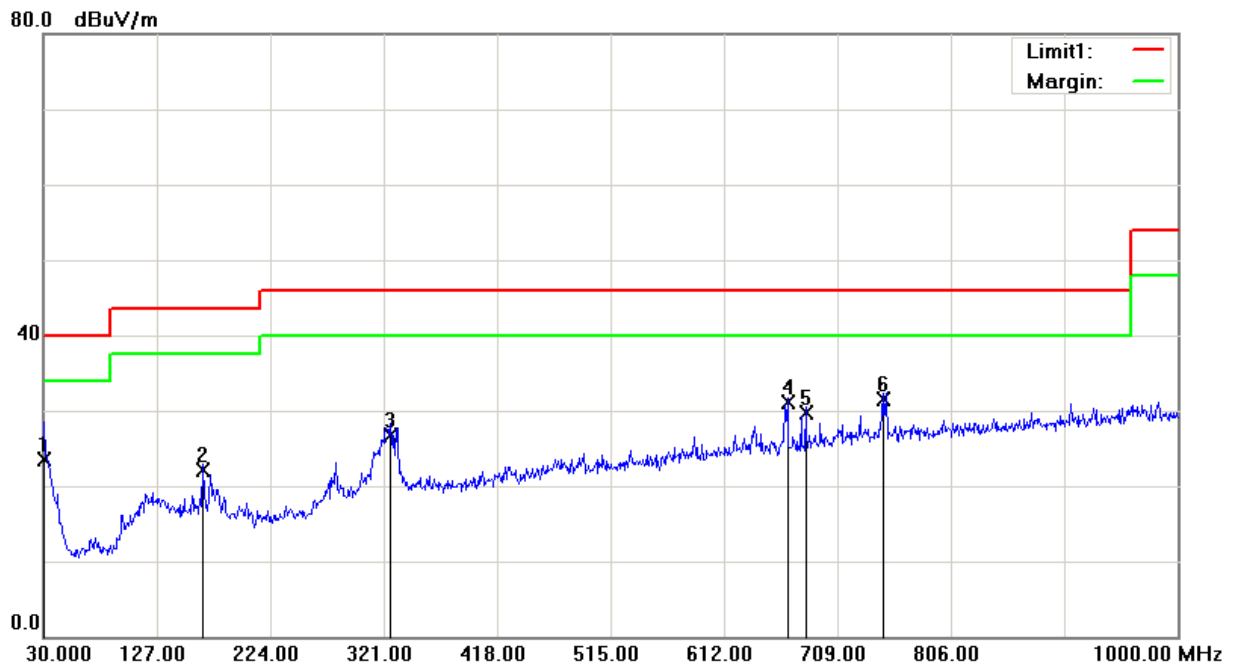
**Test Data****Environmental Conditions**

|                           |           |
|---------------------------|-----------|
| <b>Temperature:</b>       | 23.4°C    |
| <b>Relative Humidity:</b> | 57 %      |
| <b>ATM Pressure:</b>      | 100.9 kPa |

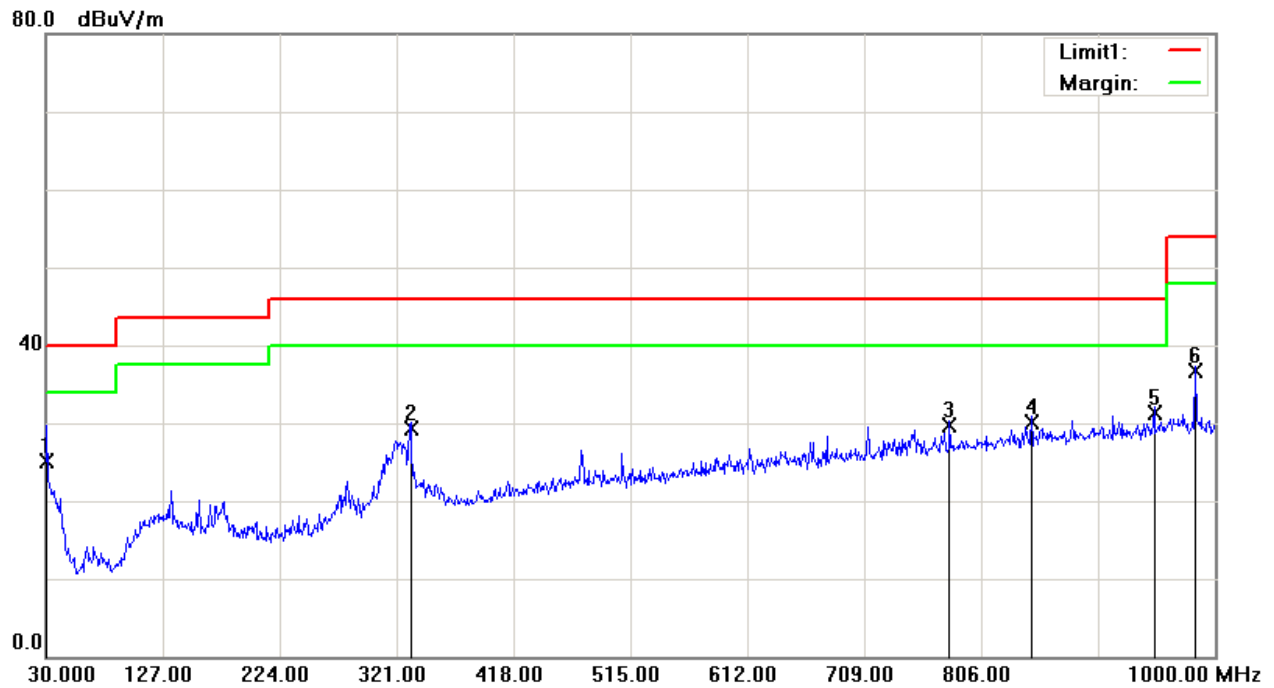
The testing was performed by Star Xie on 2012-12-10.

Test mode: Running

Model: 8G

**Horizontal:**

| Frequency (MHz) | Receiver Reading (dBuV/m) | Detector (PK/QP/Ave) | Correction Factor (dB) | Cord. Amp. (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|-----------------|---------------------------|----------------------|------------------------|---------------------|----------------|-------------|
| 747.8000        | 30.45                     | QP                   | 1.15                   | 31.60               | 46.00          | 14.40       |
| 666.3200        | 31.27                     | QP                   | -0.17                  | 31.10               | 46.00          | 14.90       |
| 681.8400        | 29.76                     | QP                   | 0.04                   | 29.80               | 46.00          | 16.20       |
| 30.9700         | 22.96                     | QP                   | 0.64                   | 23.60               | 40.00          | 16.40       |
| 326.8200        | 32.42                     | QP                   | -5.62                  | 26.80               | 46.00          | 19.20       |
| 166.7700        | 30.30                     | QP                   | -8.20                  | 22.10               | 43.50          | 21.40       |

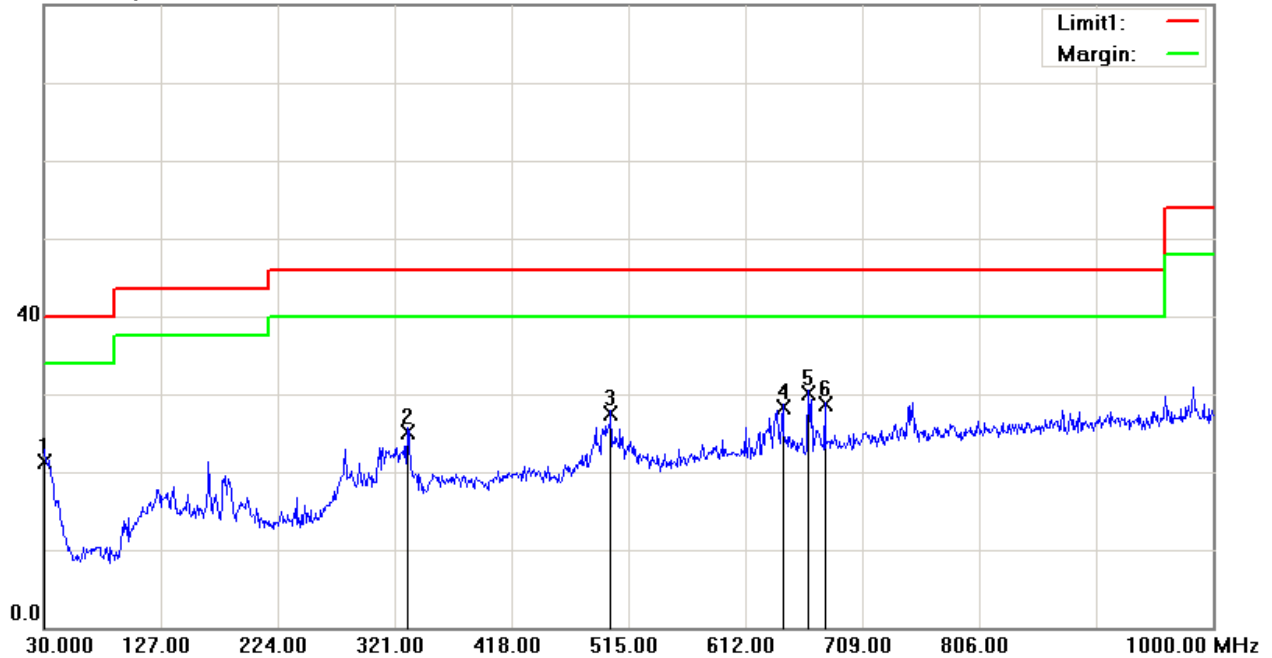
**Vertical:**

| Frequency (MHz) | Receiver Reading (dBuV/m) | Detector (PK/QP/Ave) | Correction Factor (dB) | Cord. Amp. (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|-----------------|---------------------------|----------------------|------------------------|---------------------|----------------|-------------|
| 949.5600        | 27.89                     | QP                   | 3.51                   | 31.40               | 46.00          | 14.60       |
| 30.9700         | 24.56                     | QP                   | 0.64                   | 25.20               | 40.00          | 14.80       |
| 847.7100        | 28.01                     | QP                   | 2.09                   | 30.10               | 46.00          | 15.90       |
| 779.8100        | 28.17                     | QP                   | 1.53                   | 29.70               | 46.00          | 16.30       |
| 332.6400        | 34.88                     | QP                   | -5.58                  | 29.30               | 46.00          | 16.70       |
| 983.5100        | 32.69                     | QP                   | 4.11                   | 36.80               | 54.00          | 17.20       |

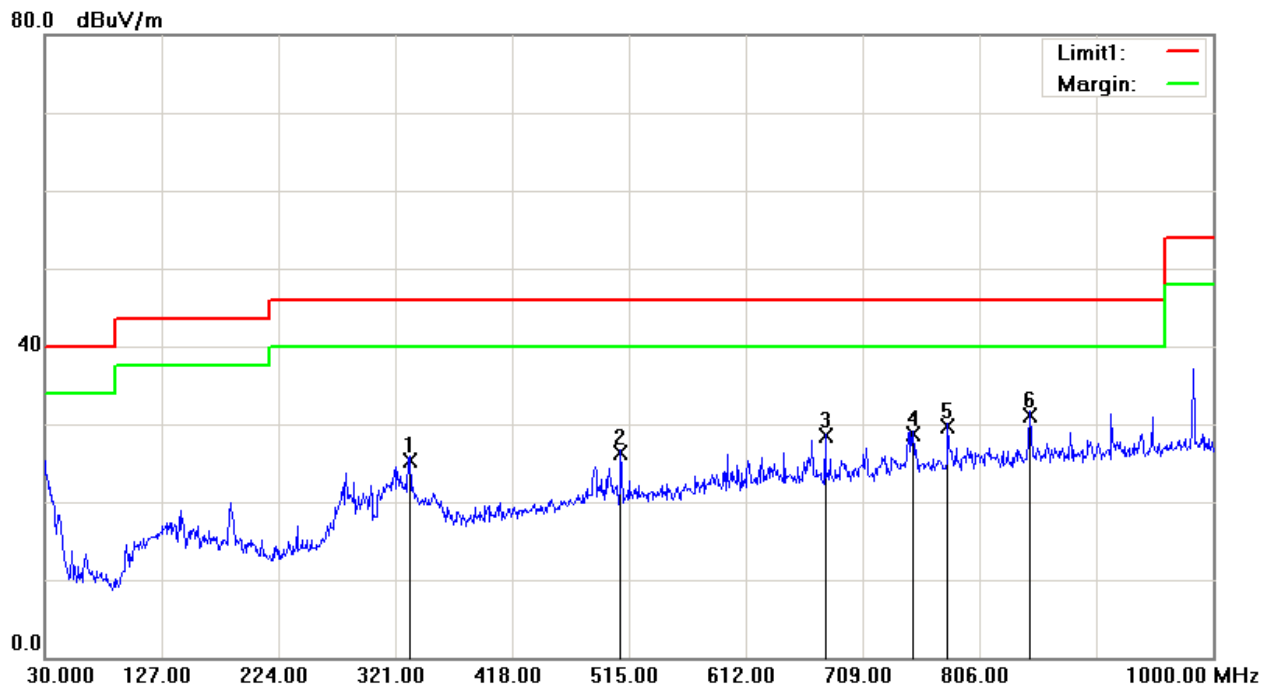
Model: 16G

**Horizontal:**

80.0 dBuV/m



| Frequency (MHz) | Receiver Reading (dBuV/m) | Detector (PK/QP/Ave) | Correction Factor (dB) | Cord. Amp. (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|-----------------|---------------------------|----------------------|------------------------|---------------------|----------------|-------------|
| 664.3800        | 30.32                     | QP                   | -0.22                  | 30.10               | 46.00          | 15.90       |
| 677.9600        | 28.75                     | QP                   | -0.05                  | 28.70               | 46.00          | 17.30       |
| 643.0400        | 28.58                     | QP                   | -0.18                  | 28.40               | 46.00          | 17.60       |
| 500.4500        | 29.87                     | QP                   | -2.27                  | 27.60               | 46.00          | 18.40       |
| 30.0000         | 19.89                     | QP                   | 1.41                   | 21.30               | 40.00          | 18.70       |
| 331.6700        | 30.69                     | QP                   | -5.59                  | 25.10               | 46.00          | 20.90       |

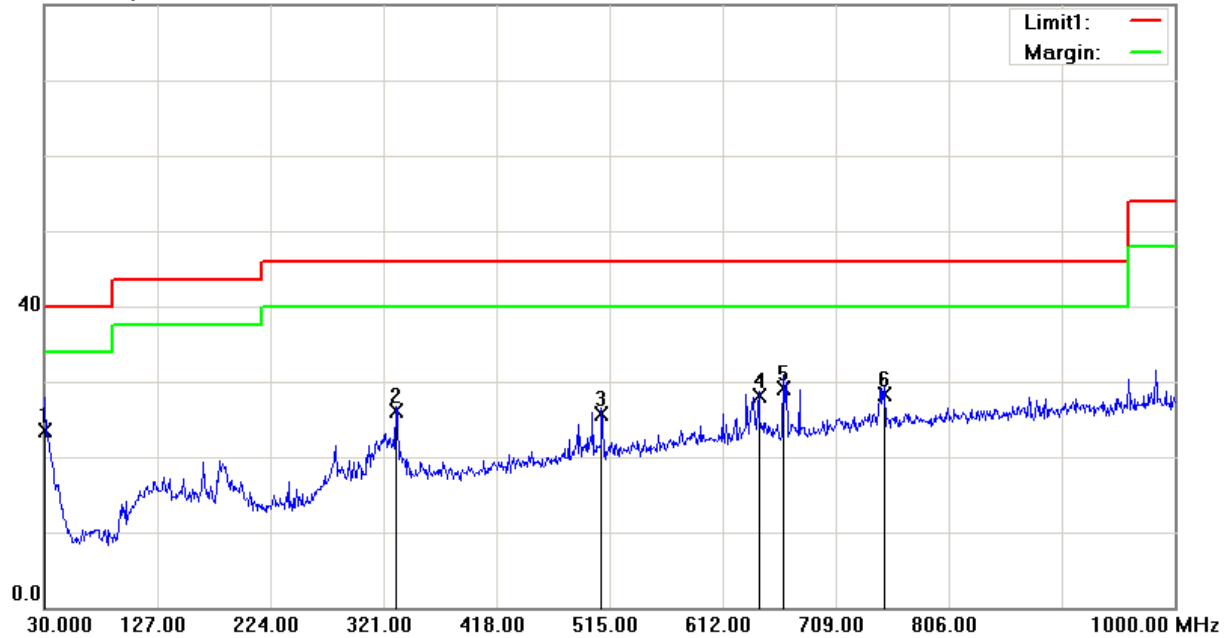
**Vertical:**

| Frequency (MHz) | Receiver Reading (dBuV/m) | Detector (PK/QP/Ave) | Correction Factor (dB) | Cord. Amp. (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|-----------------|---------------------------|----------------------|------------------------|---------------------|----------------|-------------|
| 847.7100        | 29.11                     | QP                   | 2.09                   | 31.20               | 46.00          | 14.80       |
| 779.8100        | 28.17                     | QP                   | 1.53                   | 29.70               | 46.00          | 16.30       |
| 750.7100        | 27.60                     | QP                   | 1.20                   | 28.80               | 46.00          | 17.20       |
| 677.9600        | 28.65                     | QP                   | -0.05                  | 28.60               | 46.00          | 17.40       |
| 508.2100        | 28.56                     | QP                   | -2.26                  | 26.30               | 46.00          | 19.70       |
| 333.6100        | 30.97                     | QP                   | -5.57                  | 25.40               | 46.00          | 20.60       |

Model: 32G

**Horizontal:**

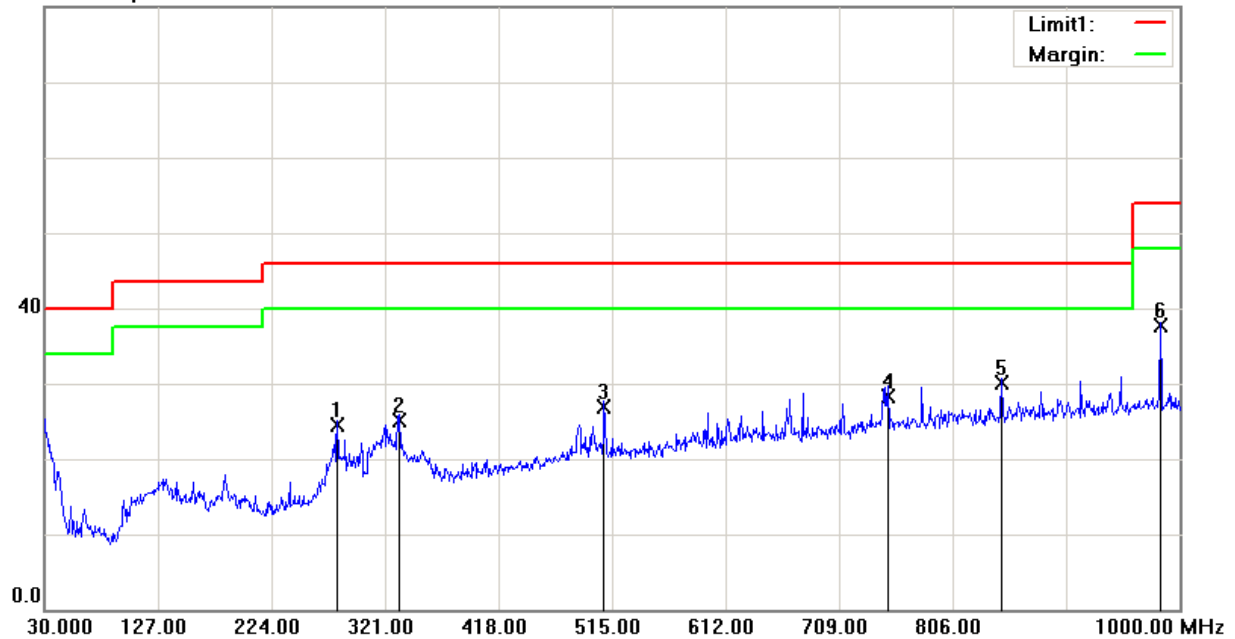
80.0 dBuV/m



| Frequency (MHz) | Receiver Reading (dBuV/m) | Detector (PK/QP/Ave) | Correction Factor (dB) | Cord. Amp. (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|-----------------|---------------------------|----------------------|------------------------|---------------------|----------------|-------------|
| 30.0000         | 22.09                     | QP                   | 1.41                   | 23.50               | 40.00          | 16.50       |
| 664.3800        | 29.42                     | QP                   | -0.22                  | 29.20               | 46.00          | 16.80       |
| 750.7100        | 27.20                     | QP                   | 1.20                   | 28.40               | 46.00          | 17.60       |
| 643.0400        | 28.28                     | QP                   | -0.18                  | 28.10               | 46.00          | 17.90       |
| 331.6700        | 31.79                     | QP                   | -5.59                  | 26.20               | 46.00          | 19.80       |
| 508.2100        | 28.06                     | QP                   | -2.26                  | 25.80               | 46.00          | 20.20       |

**Vertical:**

80.0 dBuV/m



| Frequency (MHz) | Receiver Reading (dBuV/m) | Detector (PK/QP/Ave) | Correction Factor (dB) | Cord. Amp. (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|-----------------|---------------------------|----------------------|------------------------|---------------------|----------------|-------------|
| 847.7100        | 28.01                     | QP                   | 2.09                   | 30.10               | 46.00          | 15.90       |
| 983.5100        | 33.59                     | QP                   | 4.11                   | 37.70               | 54.00          | 16.30       |
| 750.7100        | 27.10                     | QP                   | 1.20                   | 28.30               | 46.00          | 17.70       |
| 508.2100        | 29.16                     | QP                   | -2.26                  | 26.90               | 46.00          | 19.10       |
| 333.6100        | 30.67                     | QP                   | -5.57                  | 25.10               | 46.00          | 20.90       |
| 280.2600        | 31.10                     | QP                   | -6.50                  | 24.60               | 46.00          | 21.40       |

## DECLARATION LETTER

Beijing CUZKON Technology Development co.,Ltd  
Layer11,sector A ,Theo center ,Datun Road,Chaoyang District,Beijing 100101,P.R.  
China  
Tel:010-64864558  
Fax:010-64876531  
[Http://www.bjxyzk.com](http://www.bjxyzk.com)

### DECLARATION OF SIMILARITY

November 12,2012

To:  
Bay Area Compliance Laboratories Corp.  
1274 Anvilwood AVE.  
Sunnyvale,CA 94089  
Phone:408-732-9162,Fax:408-732-9164  
<http://www.baclcorp.com>

Dear Sir or Madam:

We Beijing CUZKON Technology Development Co., Ltd hereby declare that product Cloudkey disk C618 is electrically identical with model: C18 tested by BACL, the results of which are featured in BACL project: R1BJ121206050. The only difference is C618 can store information in a database or implement a handler for encrypting and decrypting all of your data; C18 can store information in a database.

The Cloudkey disk C618 include three kinds of storage capacity: 8GB&16GB&32GB.  
The Cloudkey disk C18 include three kinds of storage capacity: 8GB&16GB&32GB.

Please contact me should there be need for any additional clarification or information.

Best Regards,

Signature:   
Typed or Printed Name : Pifeng.liu  
Title:Product manager

\*\*\*\*\* END OF REPORT \*\*\*\*\*