



FCC DoC TEST REPORT

REPORT NO.: FD930817L09

MODEL NO.: SN-902

RECEIVED: NA

TESTED: Aug. 28 ~ Oct. 28, 2004

ISSUED: Jun. 01, 2005

APPLICANT: SENAO INTERNATIONAL CO., LTD.

ADDRESS: 2F, NO. 531 CHUNG CHENG RD., HSIN-TIEN, TAIPEI, TAIWAN, R. O. C.

ISSUED BY: Advance Data Technology Corporation

LAB ADDRESS: No. 47, 14th Ling, Chia Pau Tsuen, Lin Kou Hsiang 244, Taipei Hsien, Taiwan, R.O.C.

TEST LOCATION: No. 19, Hwa Ya 2nd Rd., Wen Hwa Tsuen, Kwei Shan Hsiang, Taoyuan Hsien 333, Taiwan, R.O.C.

This test report consists of 58 pages in total. It may be duplicated completely for legal use with the approval of the applicant. It should not be reproduced except in full, without the written approval of our laboratory. The client should not use it to claim product endorsement by CNLA, A2LA or any government agencies. The test results in the report only apply to the tested sample.



0528
ILAC MRA



No. 2177-01



Table of Contents

| | | |
|-------|--|----|
| 1 | CERTIFICATION | 3 |
| 2 | SUMMARY OF TEST RESULTS | 4 |
| 2.1 | GENERAL DESCRIPTION OF EUT | 4 |
| 3 | GENERAL INFORMATION..... | 5 |
| 3.1 | GENERAL DESCRIPTION OF EUT | 5 |
| 3.2 | DESCRIPTION OF TEST MODES..... | 6 |
| 3.2.1 | CONFIGURATION OF SYSTEM UNDER TEST | 7 |
| 3.2.2 | TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL: | 8 |
| 3.3 | GENERAL DESCRIPTION OF APPLIED STANDARDS | 9 |
| 3.4 | DESCRIPTION OF SUPPORT UNITS | 9 |
| 4 | TEST TYPES AND RESULTS | 10 |
| 4.1 | CONDUCTED EMISSION MEASUREMENT | 10 |
| 4.1.1 | LIMITS OF CONDUCTED EMISSION MEASUREMENT..... | 10 |
| 4.1.2 | TEST INSTRUMENTS..... | 10 |
| 4.1.3 | TEST PROCEDURES | 11 |
| 4.1.4 | DEVIATION FROM TEST STANDARD | 11 |
| 4.1.5 | TEST SETUP | 12 |
| 4.1.6 | EUT OPERATING CONDITIONS | 12 |
| 4.1.7 | TEST RESULTS | 13 |
| 4.2 | RADIATED EMISSION MEASUREMENT | 31 |
| 4.2.1 | LIMITS OF RADIATED EMISSION MEASUREMENT | 31 |
| 4.2.2 | TEST INSTRUMENTS..... | 32 |
| 4.2.3 | TEST PROCEDURES | 33 |
| 4.2.4 | DEVIATION FROM TEST STANDARD | 33 |
| 4.2.5 | TEST SETUP..... | 34 |
| 4.2.6 | EUT OPERATING CONDITIONS..... | 34 |
| 4.2.7 | TEST RESULTS | 35 |
| 5 | PHOTOGRAPHS OF THE TEST CONFIGURATION..... | 52 |
| 6 | INFORMATION ON THE TESTING LABORATORIES | 58 |



1 CERTIFICATION

PRODUCT : Industrial cordless phone system ~ DuraFon 1X
MODEL NO. : SN-902
BRAND NAME : EnGenius
APPLICANT : SENA INTERNATIONAL CO., LTD.
TEST ITEM : Engineering Sample
STANDARDS : FCC Part 15, Subpart B, Class B
ANSI C63.4-2003

The above equipment (model no.: SN-902) is identical to model no.: SN-1302B & SN-1302H, which has been tested by **Advance Data Technology Corporation** from Aug. 28 ~ Oct. 28, 2004, 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 : Andrea Hsia , **DATE:** Jun. 01, 2005
(Andrea Hsia)

TECHNICAL ACCEPTANCE
Responsible for RF : Gary Chang , **DATE:** Jun. 01, 2005
(Gary Chang)

APPROVED BY : Cody Chang , **DATE:** Jun. 01, 2005
(Cody Chang, Deputy Manager)

2 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

| Standard Section | Test Type | Result | Remarks |
|------------------------------------|--------------------|--------|--|
| FCC Part 15, Subpart B, Class B | Conducted Emission | PASS | Meet the requirement of limit Minimum passing margin is -2.46dB at 0.170 MHz |
| | Radiated Emissions | PASS | Meet the requirement of limit Minimum passing margin is -1.52dB at 658.19MHz |

2.1 GENERAL DESCRIPTION OF EUT

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4:

| MEASUREMENT | FREQUENCY | UNCERTAINTY |
|---------------------|-----------------|-------------|
| Conducted emissions | 9k~30MHz | 2.44 dB |
| Radiated emissions | 30MHz ~ 200MHz | 3.55 dB |
| | 200MHz ~1000MHz | 3.58 dB |
| | 1GHz ~ 18GHz | 2.20 dB |
| | 18GHz ~ 40GHz | 1.88 dB |

3 GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

| | |
|---------------------------|--|
| PRODUCT | Industrial cordless phone system ~ DuraFon 1X |
| MODEL NO. | SN-902 |
| POWER SUPPLY | 12.0Vdc from power adapter for the Base 5.5Vdc from power adapter for the cradle 3.7Vdc from battery for the phone |
| MODULATION TYPE | MSK |
| FREQUENCY RANGE | 902.5155MHz ~ 927.5972MHz |
| NUMBER OF CHANNEL | 50 |
| OUTPUT POWER | 680.769mW |
| ANTENNA TYPE | Dipole antenna with 2.0dBi gain for the Phone and Cradle Dipole antenna with 0dBi gain for the Base |
| DATA CABLE | NA |
| I/O PORTS | RJ11, Audio-In |
| ASSOCIATED DEVICES | NA |

NOTE:

1. This is a duplicate report of FD930817L09, the difference is changing the Model name and Product Name.
2. The EUT included the Phone, Cradle and Base. The Model: SN-1302H is included the Phone and Cradle. The Model: SN-1302B is only the Base. The Phone and Base have both Transmission and Receiver function.
3. The Phone + Cradle was powered by the following adapter:

| | |
|-----------------|--------------------------------|
| BRAND: | BASE POWER TECHNOLOGY CO. LTD. |
| MODEL : | A602-0307-551 |
| INPUT : | 100-240Vac, 0.5A, 47-63Hz |
| OUTPUT : | 5.5Vdc, 1.5A |

The Base was powered by the following adapter:

| | |
|-----------------|-------------------|
| BRAND: | AMIGO |
| MODEL : | AM-121000 |
| INPUT : | 120Vac, 60Hz, 20W |
| OUTPUT : | 12Vdc, 1000mA |

4. The above EUT information was declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or User's Manual.

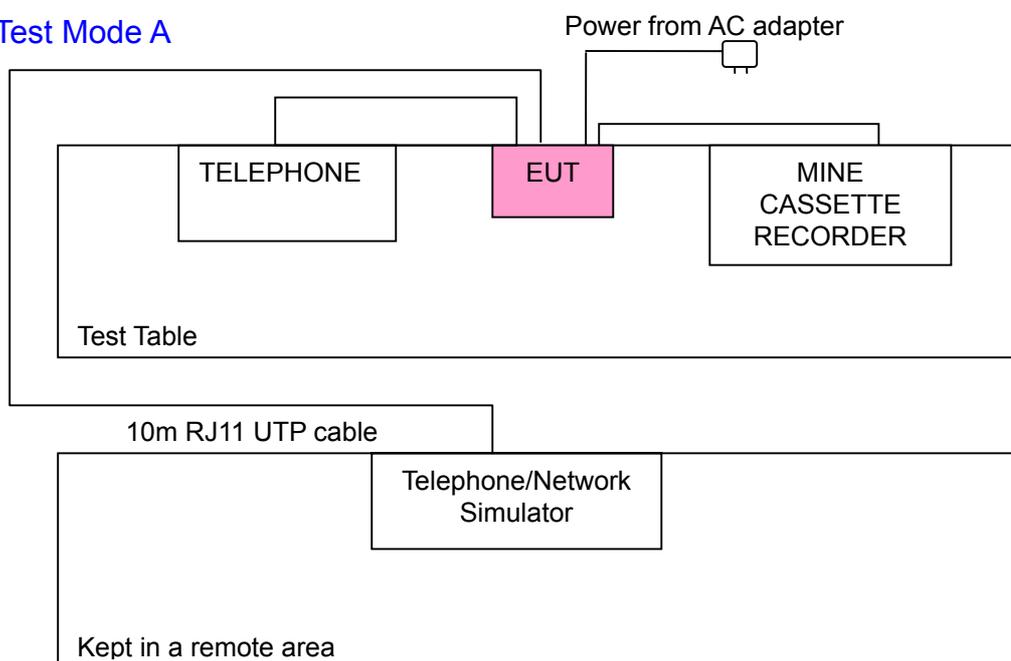
3.2 DESCRIPTION OF TEST MODES

There are 50 channels provided to this EUT.

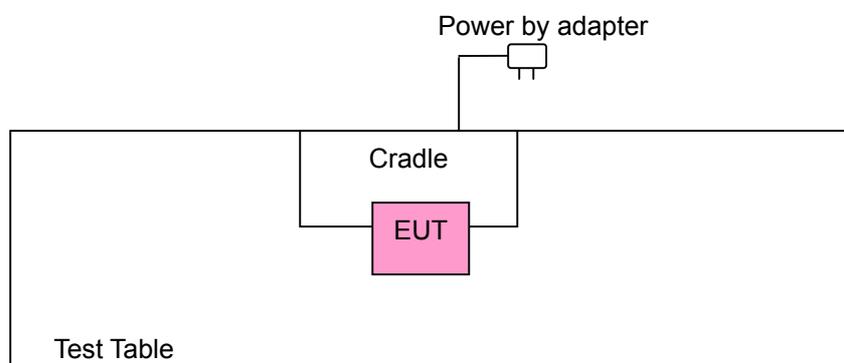
| CH | Frequency | CH | Frequency | CH | Frequency |
|----|-----------|----|-----------|----|-----------|
| 1 | 902.5155 | 8 | 905.7519 | 20 | 912.2245 |
| 2 | 902.9200 | 19 | 911.8200 | 43 | 924.3608 |
| 4 | 903.7291 | 42 | 923.9563 | 36 | 920.7199 |
| 10 | 906.9655 | 34 | 919.9109 | 24 | 914.2473 |
| 23 | 913.4382 | 21 | 912.6291 | 3 | 903.3246 |
| 50 | 927.5972 | 46 | 925.5745 | 7 | 905.3473 |
| 49 | 927.1926 | 41 | 923.1472 | 16 | 910.2018 |
| 48 | 926.7881 | 33 | 919.5063 | 35 | 920.3154 |
| 45 | 925.1699 | 18 | 911.0109 | 22 | 913.0336 |
| 40 | 922.7427 | 39 | 922.3381 | 47 | 926.3836 |
| 31 | 917.8881 | 30 | 917.4836 | 44 | 924.7654 |
| 14 | 909.3927 | 12 | 907.7746 | 37 | 921.5290 |
| 15 | 909.7973 | 25 | 915.0563 | 26 | 915.4609 |
| 32 | 919.1018 | 5 | 904.5382 | 6 | 904.9428 |
| 17 | 910.6064 | 13 | 908.1791 | 29 | 917.0791 |
| 38 | 921.9336 | 28 | 916.6745 | 11 | 907.3700 |
| 27 | 915.8654 | 9 | 906.1564 | | |

3.2.1 CONFIGURATION OF SYSTEM UNDER TEST

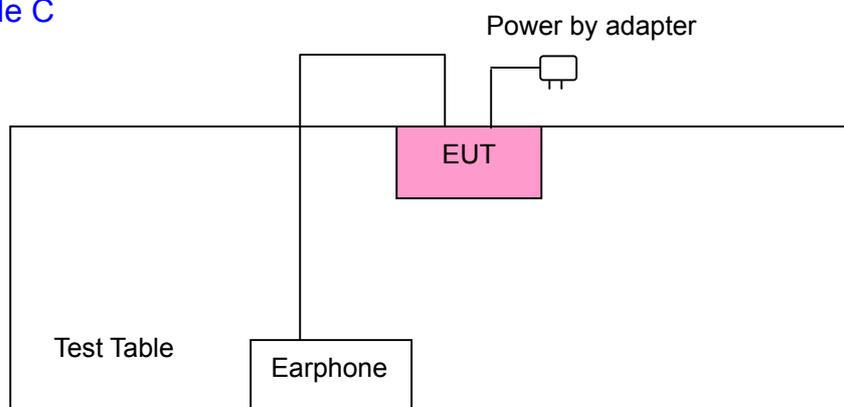
For Test Mode A



For Test Mode B



For Test Mode C



3.2.2 TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL:

| EUT configure mode | Applicable to | | | Description |
|--------------------|---------------|-------|--------|---|
| | PLC | RE<1G | RE≥1G | |
| A | x | x | Note 1 | The Base + Walkman with the charger function |
| B | x | x | Note 1 | The Phone + Cradle with charger function |
| C | x | x | Note 1 | The Phone + Earphone only with charger function |

Where PLC: Power Line Conducted Emission RE<1G RE: Radiated Emission below 1GHz

RE≥1G: Radiated Emission above 1GHz

Note 1: No effect on Radiated Emission above 1GHz.

Power Line Conducted Emission Test:

- Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations.
- Following channel(s) was (were) selected for the final test as listed below.

| EUT configure mode | Available Channel | Tested Channel | Modulation Type |
|--------------------|-------------------|----------------|-----------------|
| A | 1 to 50 | 1, 25, 50 | MSK |
| B | 1 to 50 | 1, 25, 50 | MSK |
| C | 1 to 50 | 1, 25, 50 | MSK |

Radiated Emission Test (Below 1 GHz):

- Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations.
- Following channel(s) was (were) selected for the final test as listed below.

| EUT configure mode | Available Channel | Tested Channel | Modulation Type |
|--------------------|-------------------|----------------|-----------------|
| A | 50 | 1, 25, 50 | MSK |
| B | 50 | 1, 25, 50 | MSK |
| C | 50 | 1, 25, 50 | MSK |

Radiated Emission Test (Above 1 GHz):

- Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations..
- Following channel(s) was (were) selected for the final test as listed below.

| EUT configure mode | Available Channel | Tested Channel | Modulation Type |
|--------------------|-------------------|----------------|-----------------|
| A | 1 to 50 | 1, 25, 50 | MSK |
| C | 50 | 1, 25, 50 | MSK |



3.3 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a Industrial cordless phone system ~ DuraFon 1X. According to the specifications of the manufacturer, it must complies with the requirements of the following standards:

FCC Part 15, Subpart B, Class B

ANSI C63.4: 2003

All test items have been performed and recorded as per the above standards.

3.4 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

| NO. | PRODUCT | BRAND | MODEL NO. | SERIAL NO. | FCC ID |
|-----|-----------------------------|-----------|-----------|------------|--------|
| 1 | TELEPHONE | WONDER | WD-303 | 1F01024 | N/A |
| 2 | MINE CASSETTE RECORDER | PANASONIC | RQ-L11 | C1-010040 | N/A |
| 3 | Telephone/Network Simulator | ASUS | PTT5102 | L508A3629 | N/A |

| NO. | SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS |
|-----|---|
| 1 | NA |
| 2 | NA |
| 3 | NA |

- NOTE:** 1. All power cords of the above support units are non shielded (1.8m).
2. Item 1 act as a communication partner to transfer data.



4 TEST TYPES AND RESULTS

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT

| FREQUENCY OF EMISSION (MHz) | CONDUCTED LIMIT (dB μ V) | |
|-----------------------------|------------------------------|----------|
| | Quasi-peak | Average |
| 0.15-0.5 | 66 to 56 | 56 to 46 |
| 0.5-5 | 56 | 46 |
| 5-30 | 60 | 50 |

- NOTE:**
1. The lower limit shall apply at the transition frequencies.
 2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50 MHz.
 3. All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

4.1.2 TEST INSTRUMENTS

| DESCRIPTION & MANUFACTURER | MODEL NO. | SERIAL NO. | CALIBRATED UNTIL |
|----------------------------------|-------------|----------------|------------------|
| Test Receiver ROHDE & SCHWARZ | ESCS30 | 100291 | Dec. 12, 2004 |
| RF signal cable Woken | 5D-FB | Cable-HYC01-01 | Mar. 02, 2005 |
| LISN ROHDE & SCHWARZ | ESH3-Z5 | 100312 | Mar. 03, 2005 |
| LISN ROHDE & SCHWARZ | ESH2-Z5 | 100104 | Mar. 02, 2005 |
| Software ADT | ADT_Cond_V3 | NA | NA |

- NOTE:**
1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
 2. The test was performed in HwaYa Shielded Room 1.
 3. The VCCI Site Registration No. is C-2040.



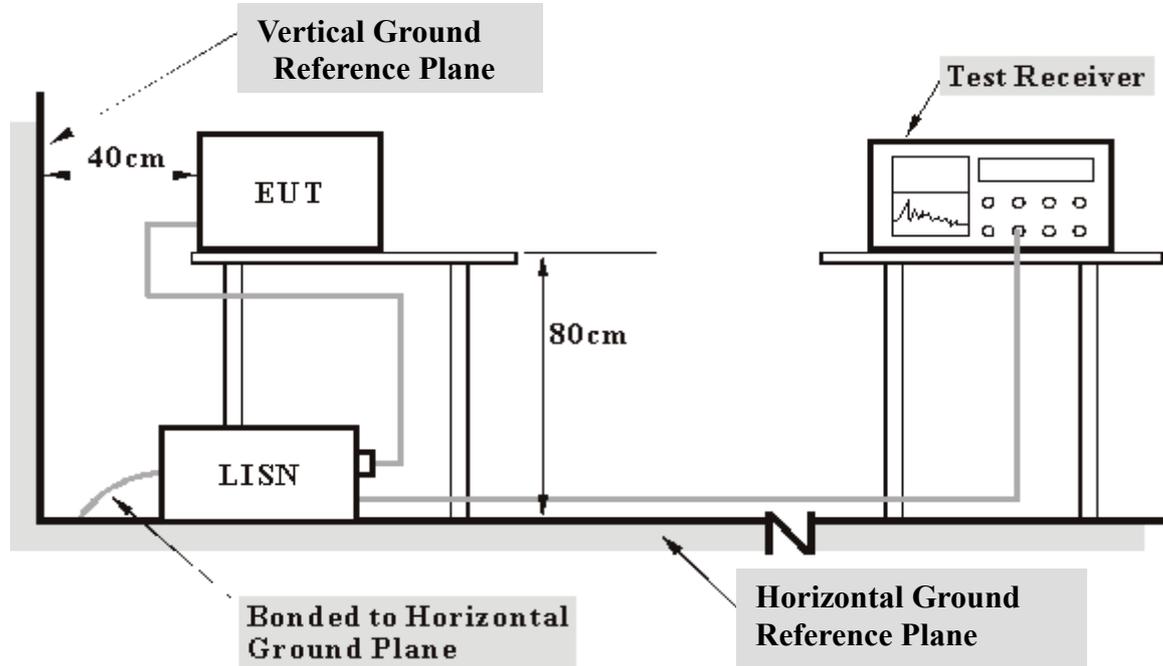
4.1.3 TEST PROCEDURES

- a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- c. The frequency range from 150 kHz to 30 MHz was searched. Emission levels (Limit -20dB) was not recorded.

4.1.4 DEVIATION FROM TEST STANDARD

No deviation

4.1.5 TEST 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.

For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

4.1.6 EUT OPERATING CONDITIONS

For Test Mode A

- a. Placed the EUT on the testing table.
- b. Run the test program (provided by manufacturer) to enable EUT under transmission/receiving condition continuously channel frequency.

For Test Mode B

- a. Placed the EUT on the testing table.
- b. EUT is under the charger function.

For Test Mode C

- a. Placed the EUT on the testing table.
- b. Run the test program (provided by manufacturer) to enable EUT under transmission/receiving condition continuously channel frequency.
- c. EUT is under the charger function.

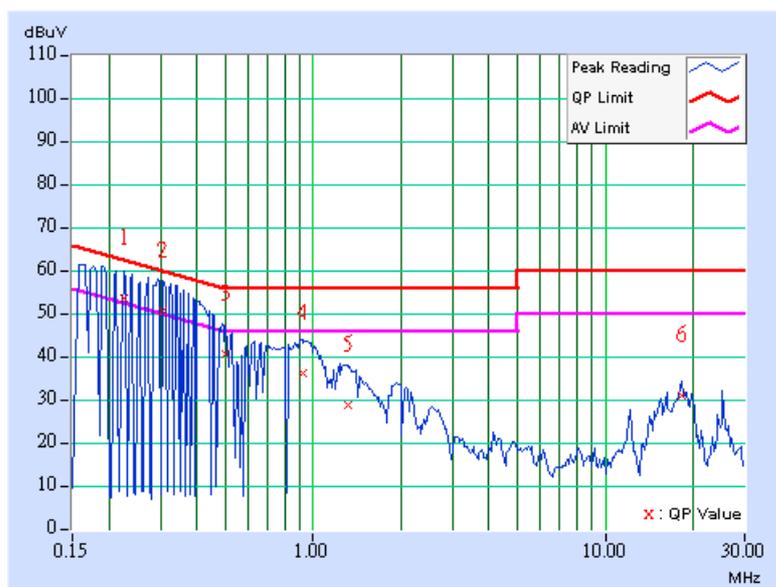
4.1.7 TEST RESULTS

| | | | |
|---------------------------------|---|----------------------|----------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 1 | TEST MODE | A |
| INPUT POWER (SYSTEM) | 120 Vac, 60 Hz | 6dB BANDWIDTH | 9 kHz |
| ENVIRONMENTAL CONDITIONS | 26 deg. C, 68% RH, 991 hPa | PHASE | Line (L) |
| TESTED BY | Kent Chen | | |

| No | Freq. [MHz] | Corr. Factor (dB) | Reading Value | | Emission Level | | Limit | | Margin | |
|----|----------------|-------------------------|---------------|-------|----------------|-------|-----------|-------|--------|--------|
| | | | [dB (uV)] | | [dB (uV)] | | [dB (uV)] | | (dB) | |
| | | | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. |
| 1 | 0.224 | 0.12 | 52.65 | 22.42 | 52.77 | 22.54 | 62.66 | 52.66 | -9.89 | -30.12 |
| 2 | 0.306 | 0.12 | 49.85 | - | 49.97 | - | 60.07 | 50.07 | -10.10 | - |
| 3 | 0.502 | 0.13 | 39.76 | - | 39.89 | - | 56.00 | 46.00 | -16.11 | - |
| 4 | 0.920 | 0.15 | 35.52 | - | 35.67 | - | 56.00 | 46.00 | -20.33 | - |
| 5 | 1.313 | 0.15 | 27.80 | - | 27.95 | - | 56.00 | 46.00 | -28.05 | - |
| 6 | 18.242 | 0.94 | 30.01 | - | 30.95 | - | 60.00 | 50.00 | -29.05 | - |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.

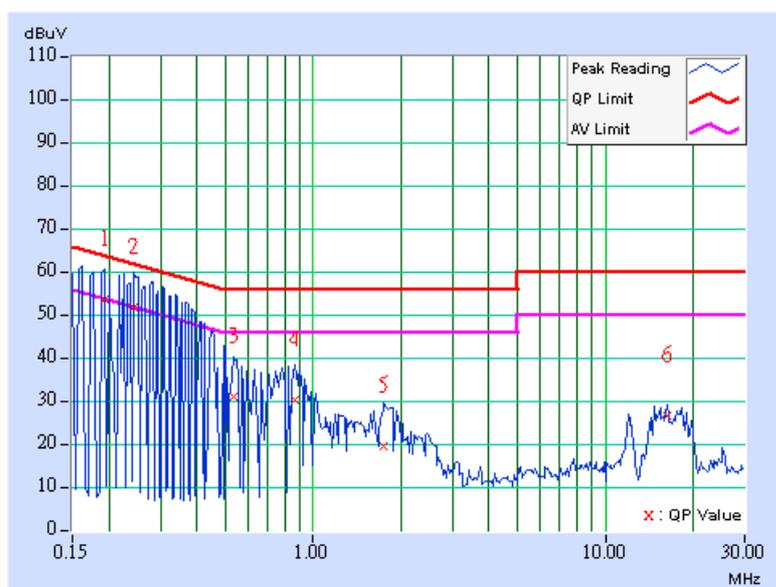


| | | | |
|---------------------------------|---|----------------------|-------------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 1 | TEST MODE | A |
| INPUT POWER (SYSTEM) | 120 Vac, 60 Hz | 6dB BANDWIDTH | 9 kHz |
| ENVIRONMENTAL CONDITIONS | 26 deg. C, 68% RH, 991 hPa | PHASE | Neutral (N) |
| TESTED BY | Kent Chen | | |

| No | Freq. [MHz] | Corr. Factor (dB) | Reading Value | | Emission Level | | Limit | | Margin | |
|----|----------------|-------------------------|---------------|-----|----------------|-----|-----------|-------|--------|-----|
| | | | [dB (uV)] | | [dB (uV)] | | [dB (uV)] | | (dB) | |
| | | | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. |
| 1 | 0.193 | 0.11 | 53.19 | - | 53.30 | - | 63.91 | 53.91 | -10.61 | - |
| 2 | 0.244 | 0.11 | 51.36 | - | 51.47 | - | 61.97 | 51.97 | -10.50 | - |
| 3 | 0.533 | 0.12 | 30.27 | - | 30.39 | - | 56.00 | 46.00 | -25.61 | - |
| 4 | 0.861 | 0.14 | 29.74 | - | 29.88 | - | 56.00 | 46.00 | -26.12 | - |
| 5 | 1.750 | 0.16 | 18.99 | - | 19.15 | - | 56.00 | 46.00 | -36.85 | - |
| 6 | 16.230 | 0.66 | 26.01 | - | 26.67 | - | 60.00 | 50.00 | -33.33 | - |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.

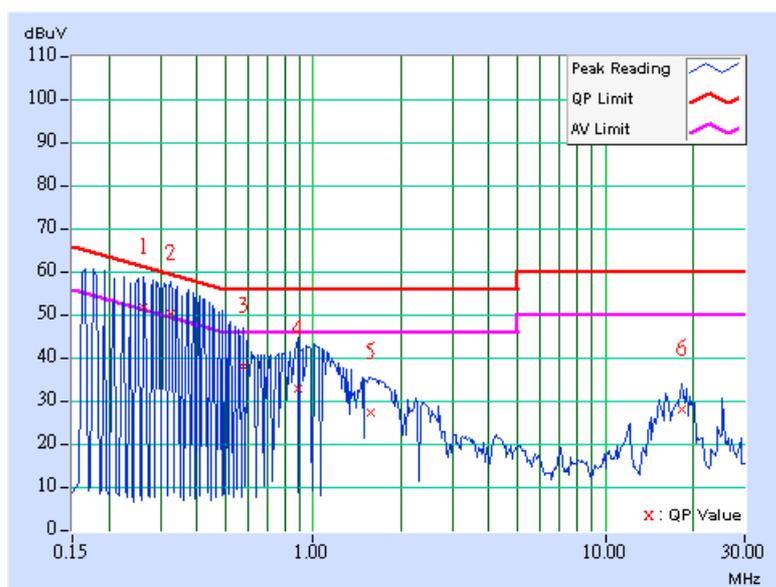


| | | | |
|---------------------------------|---|----------------------|----------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 25 | TEST MODE | A |
| INPUT POWER (SYSTEM) | 120 Vac, 60 Hz | 6dB BANDWIDTH | 9 kHz |
| ENVIRONMENTAL CONDITIONS | 26 deg. C, 68% RH, 991 hPa | PHASE | Line (L) |
| TESTED BY | Kent Chen | | |

| No | Freq. [MHz] | Corr. Factor (dB) | Reading Value | | Emission Level | | Limit | | Margin | |
|----|----------------|-------------------------|---------------|-------|----------------|-------|-----------|-------|--------|--------|
| | | | [dB (uV)] | | [dB (uV)] | | [dB (uV)] | | (dB) | |
| | | | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. |
| 1 | 0.263 | 0.12 | 50.84 | - | 50.96 | - | 61.33 | 51.33 | -10.37 | - |
| 2 | 0.326 | 0.12 | 49.46 | 18.95 | 49.58 | 19.07 | 59.56 | 49.56 | -9.97 | -30.48 |
| 3 | 0.576 | 0.13 | 37.23 | - | 37.36 | - | 56.00 | 46.00 | -18.64 | - |
| 4 | 0.884 | 0.14 | 32.17 | - | 32.31 | - | 56.00 | 46.00 | -23.69 | - |
| 5 | 1.578 | 0.16 | 26.36 | - | 26.52 | - | 56.00 | 46.00 | -29.48 | - |
| 6 | 18.363 | 0.94 | 27.09 | - | 28.03 | - | 60.00 | 50.00 | -31.97 | - |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.

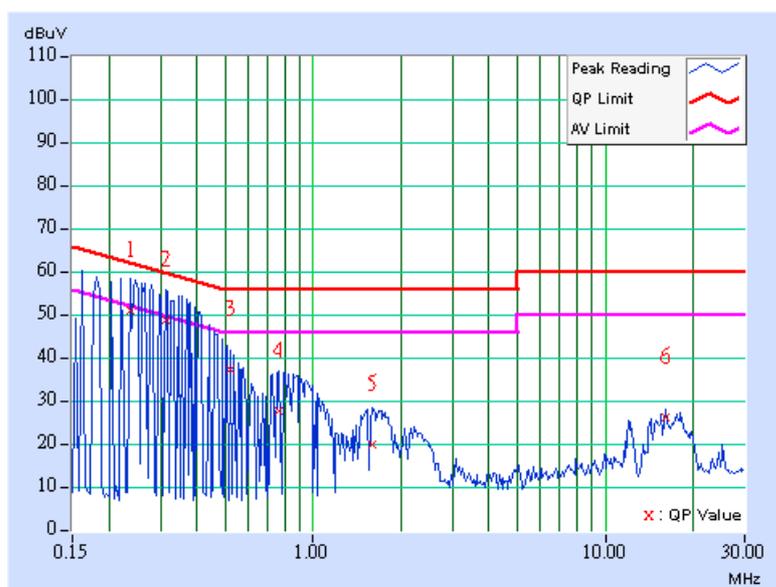


| | | | |
|---------------------------------|---|----------------------|-------------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 25 | TEST MODE | A |
| INPUT POWER (SYSTEM) | 120 Vac, 60 Hz | 6dB BANDWIDTH | 9 kHz |
| ENVIRONMENTAL CONDITIONS | 26 deg. C, 68% RH, 991 hPa | PHASE | Neutral (N) |
| TESTED BY | Kent Chen | | |

| No | Freq. [MHz] | Corr. Factor (dB) | Reading Value | | Emission Level | | Limit | | Margin | |
|----|----------------|-------------------------|---------------|-----|----------------|-----|-----------|-------|--------|-----|
| | | | [dB (uV)] | | [dB (uV)] | | [dB (uV)] | | (dB) | |
| | | | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. |
| 1 | 0.236 | 0.11 | 50.41 | - | 50.52 | - | 62.24 | 52.24 | -11.72 | - |
| 2 | 0.314 | 0.11 | 48.18 | - | 48.29 | - | 59.86 | 49.86 | -11.57 | - |
| 3 | 0.521 | 0.12 | 36.62 | - | 36.74 | - | 56.00 | 46.00 | -19.26 | - |
| 4 | 0.767 | 0.13 | 27.25 | - | 27.38 | - | 56.00 | 46.00 | -28.62 | - |
| 5 | 1.590 | 0.16 | 19.31 | - | 19.47 | - | 56.00 | 46.00 | -36.53 | - |
| 6 | 16.168 | 0.66 | 25.64 | - | 26.30 | - | 60.00 | 50.00 | -33.70 | - |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.

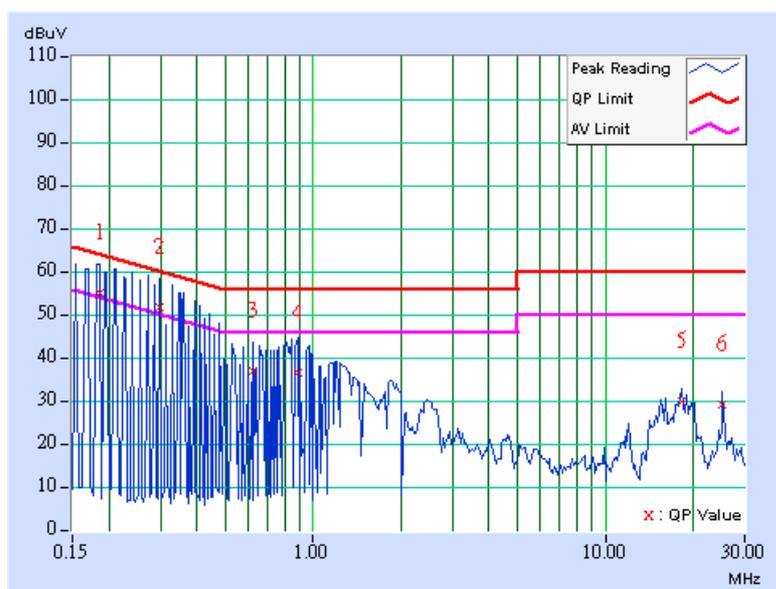


| | | | |
|---------------------------------|---|----------------------|----------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 50 | TEST MODE | A |
| INPUT POWER (SYSTEM) | 120 Vac, 60 Hz | 6dB BANDWIDTH | 9 kHz |
| ENVIRONMENTAL CONDITIONS | 26 deg. C, 68% RH, 991 hPa | PHASE | Line (L) |
| TESTED BY | Kent Chen | | |

| No | Freq. [MHz] | Corr. Factor (dB) | Reading Value | | Emission Level | | Limit | | Margin | |
|----|----------------|-------------------------|---------------|-------|----------------|-------|-----------|-------|--------|--------|
| | | | [dB (uV)] | | [dB (uV)] | | [dB (uV)] | | (dB) | |
| | | | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. |
| 1 | 0.185 | 0.12 | 53.99 | - | 54.11 | - | 64.25 | 54.25 | -10.15 | - |
| 2 | 0.298 | 0.12 | 50.74 | 20.55 | 50.86 | 20.67 | 60.29 | 50.29 | -9.42 | -29.61 |
| 3 | 0.619 | 0.13 | 35.72 | - | 35.85 | - | 56.00 | 46.00 | -20.15 | - |
| 4 | 0.884 | 0.14 | 35.51 | - | 35.65 | - | 56.00 | 46.00 | -20.35 | - |
| 5 | 18.245 | 0.94 | 28.90 | - | 29.84 | - | 60.00 | 50.00 | -30.16 | - |
| 6 | 25.266 | 1.18 | 27.94 | - | 29.12 | - | 60.00 | 50.00 | -30.88 | - |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.

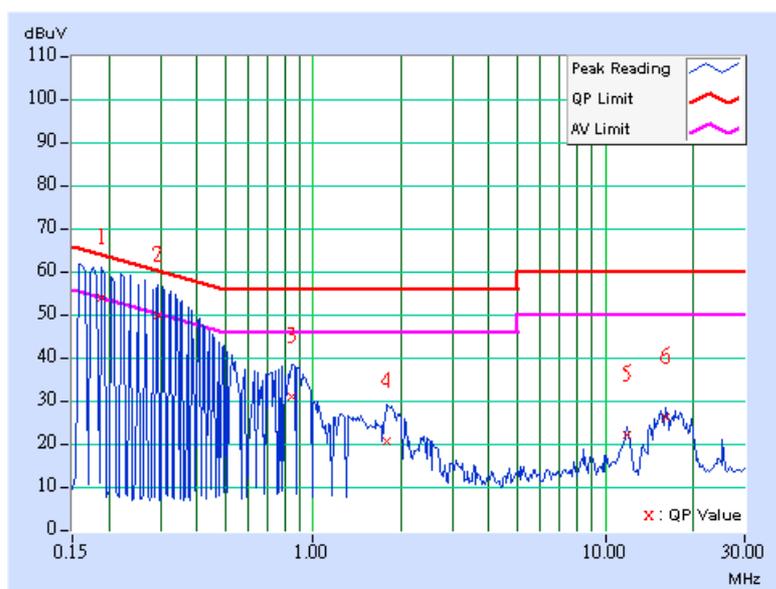


| | | | |
|---------------------------------|---|----------------------|-------------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 50 | TEST MODE | A |
| INPUT POWER (SYSTEM) | 120 Vac, 60 Hz | 6dB BANDWIDTH | 9 kHz |
| ENVIRONMENTAL CONDITIONS | 26 deg. C, 68% RH, 991 hPa | PHASE | Neutral (N) |
| TESTED BY | Kent Chen | | |

| No | Freq. [MHz] | Corr. Factor (dB) | Reading Value | | Emission Level | | Limit | | Margin | |
|----|----------------|-------------------------|---------------|-----|----------------|-----|-----------|-------|--------|-----|
| | | | [dB (uV)] | | [dB (uV)] | | [dB (uV)] | | (dB) | |
| | | | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. |
| 1 | 0.189 | 0.11 | 53.29 | - | 53.40 | - | 64.08 | 54.08 | -10.68 | - |
| 2 | 0.295 | 0.11 | 49.36 | - | 49.47 | - | 60.40 | 50.40 | -10.92 | - |
| 3 | 0.841 | 0.14 | 30.39 | - | 30.53 | - | 56.00 | 46.00 | -25.47 | - |
| 4 | 1.797 | 0.16 | 19.90 | - | 20.06 | - | 56.00 | 46.00 | -35.94 | - |
| 5 | 11.895 | 0.42 | 21.46 | - | 21.88 | - | 60.00 | 50.00 | -38.12 | - |
| 6 | 16.168 | 0.66 | 25.60 | - | 26.26 | - | 60.00 | 50.00 | -33.74 | - |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.

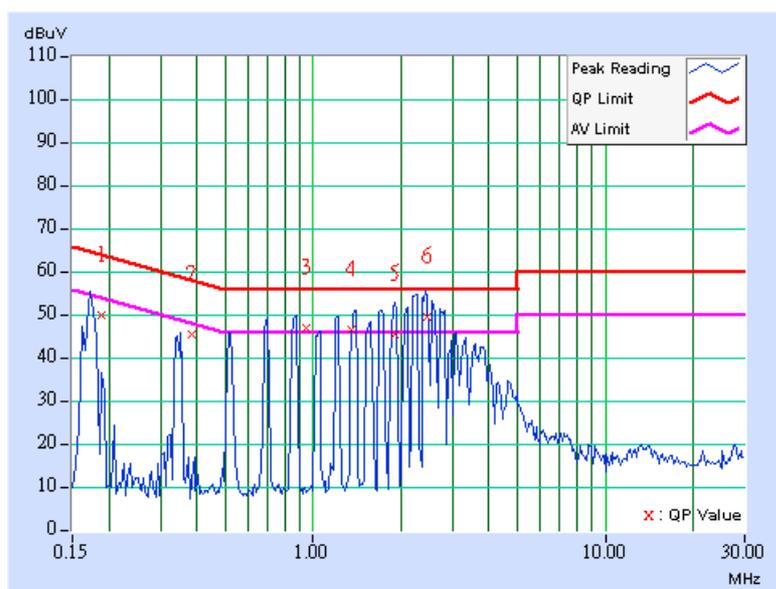


| | | | |
|---------------------------------|---|----------------------|----------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 1 | TEST MODE | B |
| INPUT POWER (SYSTEM) | 120 Vac, 60 Hz | 6dB BANDWIDTH | 9 kHz |
| ENVIRONMENTAL CONDITIONS | 26 deg. C, 68% RH, 991 hPa | PHASE | Line (L) |
| TESTED BY | Kent Chen | | |

| No | Freq. [MHz] | Corr. Factor (dB) | Reading Value | | Emission Level | | Limit | | Margin | |
|----|----------------|-------------------------|---------------|-------|----------------|-------|-----------|-------|--------|--------|
| | | | [dB (uV)] | | [dB (uV)] | | [dB (uV)] | | (dB) | |
| | | | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. |
| 1 | 0.188 | 0.12 | 49.76 | - | 49.88 | - | 64.10 | 54.10 | -14.23 | - |
| 2 | 0.382 | 0.13 | 45.33 | - | 45.46 | - | 58.23 | 48.23 | -12.77 | - |
| 3 | 0.947 | 0.15 | 47.04 | 37.88 | 47.19 | 38.03 | 56.00 | 46.00 | -8.81 | -7.97 |
| 4 | 1.352 | 0.15 | 46.60 | 33.29 | 46.75 | 33.44 | 56.00 | 46.00 | -9.25 | -12.56 |
| 5 | 1.910 | 0.16 | 45.31 | - | 45.47 | - | 56.00 | 46.00 | -10.53 | - |
| 6 | 2.458 | 0.17 | 49.50 | 36.10 | 49.67 | 36.27 | 56.00 | 46.00 | -6.33 | -9.73 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.

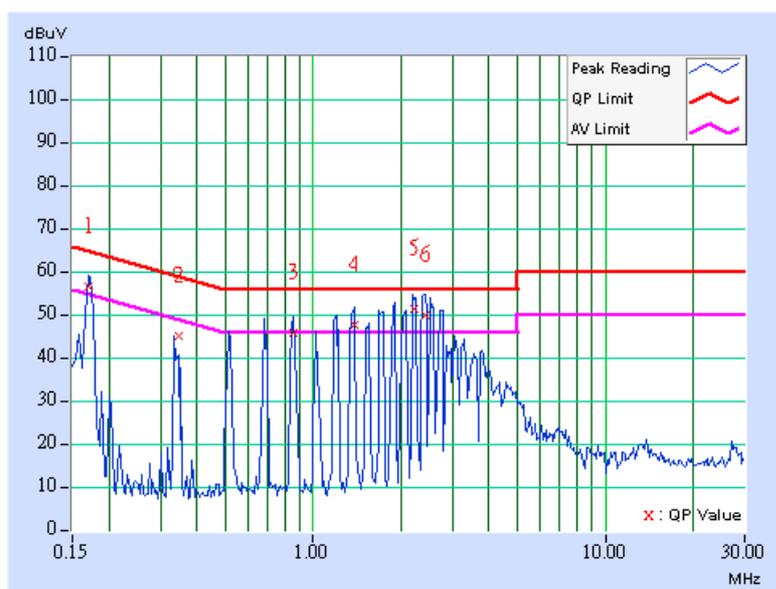


| | | | |
|---------------------------------|---|----------------------|-------------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 1 | TEST MODE | B |
| INPUT POWER (SYSTEM) | 120 Vac, 60 Hz | 6dB BANDWIDTH | 9 kHz |
| ENVIRONMENTAL CONDITIONS | 26 deg. C, 68% RH, 991 hPa | PHASE | Neutral (N) |
| TESTED BY | Kent Chen | | |

| No | Freq. [MHz] | Corr. Factor (dB) | Reading Value | | Emission Level | | Limit | | Margin | |
|----|----------------|-------------------------|---------------|-------|----------------|-------|-----------|-------|--------|--------|
| | | | [dB (uV)] | | [dB (uV)] | | [dB (uV)] | | (dB) | |
| | | | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. |
| 1 | 0.170 | 0.10 | 56.49 | 52.42 | 56.59 | 52.52 | 64.98 | 54.98 | -8.39 | -2.46 |
| 2 | 0.345 | 0.11 | 44.93 | - | 45.04 | - | 59.08 | 49.08 | -14.04 | - |
| 3 | 0.857 | 0.14 | 45.80 | - | 45.94 | - | 56.00 | 46.00 | -10.06 | - |
| 4 | 1.391 | 0.15 | 47.62 | 35.16 | 47.77 | 35.31 | 56.00 | 46.00 | -8.23 | -10.69 |
| 5 | 2.211 | 0.16 | 51.35 | 34.74 | 51.51 | 34.90 | 56.00 | 46.00 | -4.49 | -11.10 |
| 6 | 2.436 | 0.17 | 50.00 | 34.86 | 50.17 | 35.03 | 56.00 | 46.00 | -5.83 | -10.97 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.

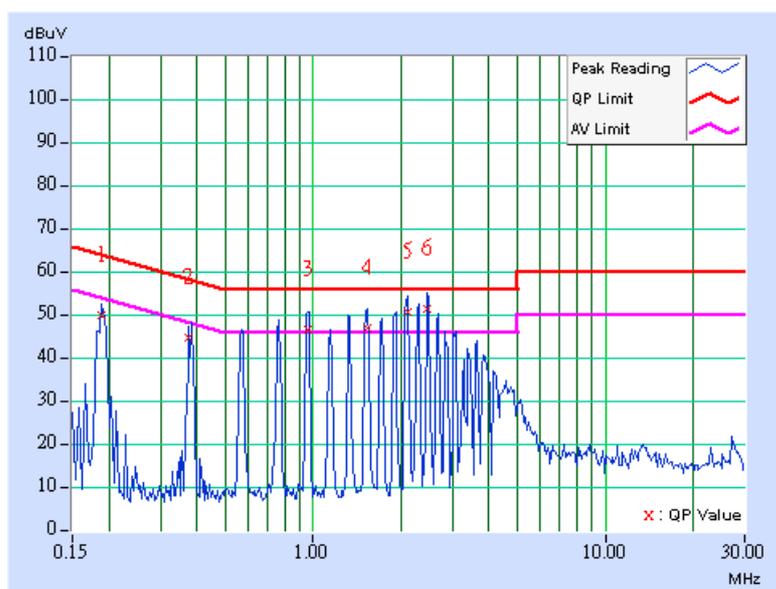


| | | | |
|---------------------------------|---|----------------------|----------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 25 | TEST MODE | B |
| INPUT POWER (SYSTEM) | 120 Vac, 60 Hz | 6dB BANDWIDTH | 9 kHz |
| ENVIRONMENTAL CONDITIONS | 26 deg. C, 68% RH, 991 hPa | PHASE | Line (L) |
| TESTED BY | Kent Chen | | |

| No | Freq. [MHz] | Corr. Factor (dB) | Reading Value | | Emission Level | | Limit | | Margin | |
|----|----------------|-------------------------|---------------|-------|----------------|-------|-----------|-------|--------|--------|
| | | | [dB (uV)] | | [dB (uV)] | | [dB (uV)] | | (dB) | |
| | | | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. |
| 1 | 0.189 | 0.12 | 49.77 | - | 49.89 | - | 64.08 | 54.08 | -14.19 | - |
| 2 | 0.377 | 0.13 | 44.50 | - | 44.63 | - | 58.35 | 48.35 | -13.73 | - |
| 3 | 0.955 | 0.15 | 46.55 | 37.27 | 46.70 | 37.42 | 56.00 | 46.00 | -9.30 | -8.58 |
| 4 | 1.531 | 0.16 | 46.90 | 34.33 | 47.06 | 34.49 | 56.00 | 46.00 | -8.94 | -11.51 |
| 5 | 2.117 | 0.16 | 50.71 | 36.84 | 50.87 | 37.00 | 56.00 | 46.00 | -5.13 | -9.00 |
| 6 | 2.449 | 0.17 | 51.38 | 33.97 | 51.55 | 34.14 | 56.00 | 46.00 | -4.45 | -11.86 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.

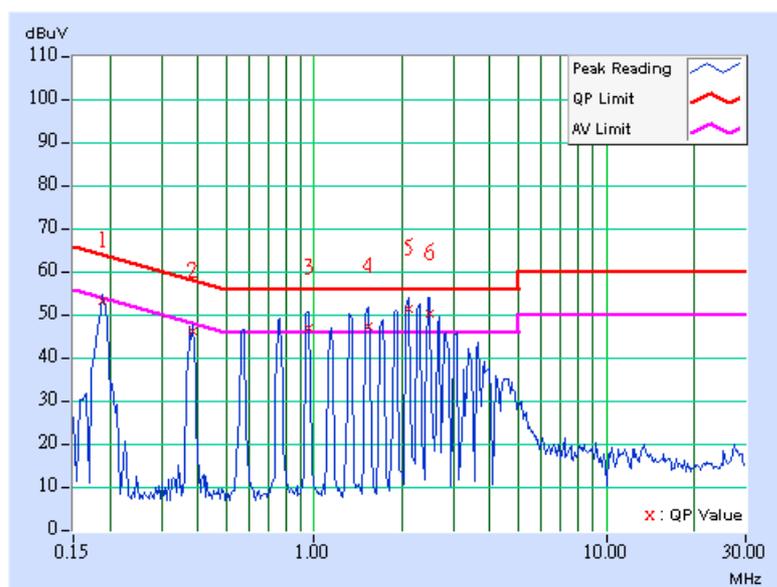


| | | | |
|---------------------------------|---|----------------------|-------------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 25 | TEST MODE | B |
| INPUT POWER (SYSTEM) | 120 Vac, 60 Hz | 6dB BANDWIDTH | 9 kHz |
| ENVIRONMENTAL CONDITIONS | 26 deg. C, 68% RH, 991 hPa | PHASE | Neutral (N) |
| TESTED BY | Kent Chen | | |

| No | Freq. [MHz] | Corr. Factor (dB) | Reading Value | | Emission Level | | Limit | | Margin | |
|----|----------------|-------------------------|---------------|-------|----------------|-------|-----------|-------|--------|--------|
| | | | [dB (uV)] | | [dB (uV)] | | [dB (uV)] | | (dB) | |
| | | | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. |
| 1 | 0.189 | 0.11 | 53.03 | - | 53.14 | - | 64.08 | 54.08 | -10.94 | - |
| 2 | 0.384 | 0.12 | 46.12 | - | 46.24 | - | 58.18 | 48.18 | -11.95 | - |
| 3 | 0.955 | 0.15 | 46.69 | 37.87 | 46.84 | 38.02 | 56.00 | 46.00 | -9.16 | -7.98 |
| 4 | 1.535 | 0.16 | 47.30 | 34.84 | 47.46 | 35.00 | 56.00 | 46.00 | -8.54 | -11.00 |
| 5 | 2.121 | 0.16 | 51.27 | 36.26 | 51.43 | 36.42 | 56.00 | 46.00 | -4.57 | -9.58 |
| 6 | 2.477 | 0.17 | 50.28 | 36.12 | 50.45 | 36.29 | 56.00 | 46.00 | -5.55 | -9.71 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.

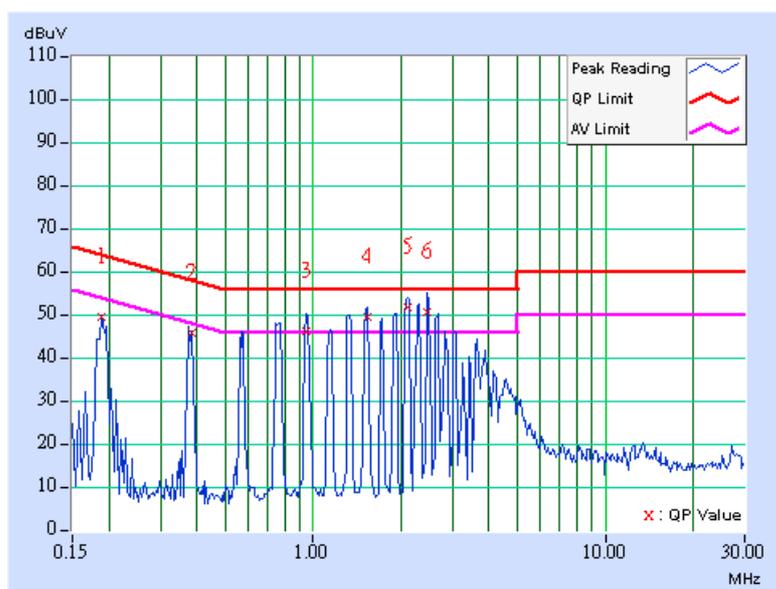


| | | | |
|---------------------------------|---|----------------------|----------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 50 | TEST MODE | B |
| INPUT POWER (SYSTEM) | 120 Vac, 60 Hz | 6dB BANDWIDTH | 9 kHz |
| ENVIRONMENTAL CONDITIONS | 26 deg. C, 68% RH, 991 hPa | PHASE | Line (L) |
| TESTED BY | Kent Chen | | |

| No | Freq. [MHz] | Corr. Factor (dB) | Reading Value | | Emission Level | | Limit | | Margin | |
|----|----------------|-------------------------|---------------|-------|----------------|-------|-----------|-------|--------|--------|
| | | | [dB (uV)] | | [dB (uV)] | | [dB (uV)] | | (dB) | |
| | | | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. |
| 1 | 0.189 | 0.12 | 49.57 | - | 49.69 | - | 64.08 | 54.08 | -14.39 | - |
| 2 | 0.382 | 0.13 | 45.90 | - | 46.03 | - | 58.23 | 48.23 | -12.21 | - |
| 3 | 0.947 | 0.15 | 46.26 | 37.46 | 46.41 | 37.61 | 56.00 | 46.00 | -9.59 | -8.39 |
| 4 | 1.535 | 0.16 | 49.36 | 35.23 | 49.52 | 35.39 | 56.00 | 46.00 | -6.48 | -10.61 |
| 5 | 2.112 | 0.16 | 51.50 | 35.82 | 51.66 | 35.98 | 56.00 | 46.00 | -4.34 | -10.02 |
| 6 | 2.457 | 0.17 | 50.45 | 36.58 | 50.62 | 36.75 | 56.00 | 46.00 | -5.38 | -9.25 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.

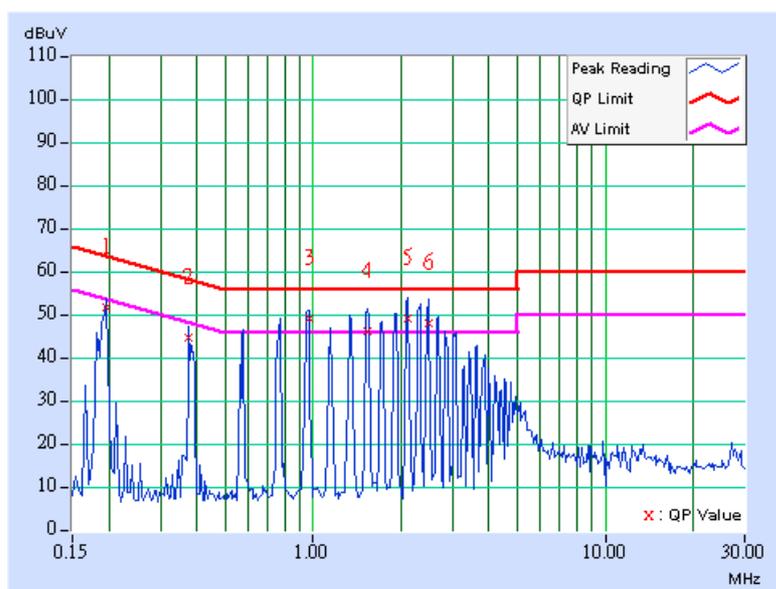


| | | | |
|---------------------------------|---|----------------------|-------------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 50 | TEST MODE | B |
| INPUT POWER (SYSTEM) | 120 Vac, 60 Hz | 6dB BANDWIDTH | 9 kHz |
| ENVIRONMENTAL CONDITIONS | 26 deg. C, 68% RH, 991 hPa | PHASE | Neutral (N) |
| TESTED BY | Kent Chen | | |

| No | Freq. [MHz] | Corr. Factor (dB) | Reading Value | | Emission Level | | Limit | | Margin | |
|----|----------------|-------------------------|---------------|-------|----------------|-------|-----------|-------|--------|--------|
| | | | [dB (uV)] | | [dB (uV)] | | [dB (uV)] | | (dB) | |
| | | | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. |
| 1 | 0.196 | 0.11 | 51.82 | - | 51.93 | - | 63.80 | 53.80 | -11.87 | - |
| 2 | 0.377 | 0.12 | 44.52 | - | 44.64 | - | 58.35 | 48.35 | -13.72 | - |
| 3 | 0.966 | 0.15 | 48.93 | 35.06 | 49.08 | 35.21 | 56.00 | 46.00 | -6.92 | -10.79 |
| 4 | 1.527 | 0.16 | 46.27 | 34.75 | 46.43 | 34.91 | 56.00 | 46.00 | -9.57 | -11.09 |
| 5 | 2.113 | 0.16 | 49.23 | 35.45 | 49.39 | 35.61 | 56.00 | 46.00 | -6.61 | -10.39 |
| 6 | 2.492 | 0.17 | 48.01 | 33.79 | 48.18 | 33.96 | 56.00 | 46.00 | -7.82 | -12.04 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.

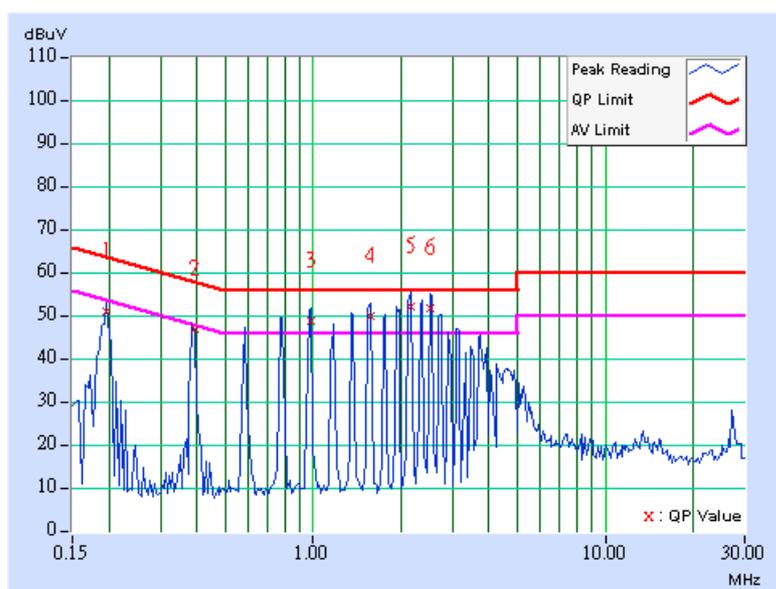


| | | | |
|---------------------------------|---|----------------------|----------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 1 | TEST MODE | C |
| INPUT POWER (SYSTEM) | 120 Vac, 60 Hz | 6dB BANDWIDTH | 9 kHz |
| ENVIRONMENTAL CONDITIONS | 26 deg. C, 68% RH, 991 hPa | PHASE | Line (L) |
| TESTED BY | Kent Chen | | |

| No | Freq. [MHz] | Corr. Factor (dB) | Reading Value | | Emission Level | | Limit | | Margin | |
|----|----------------|-------------------------|---------------|-------|----------------|-------|-----------|-------|--------|--------|
| | | | [dB (uV)] | | [dB (uV)] | | [dB (uV)] | | (dB) | |
| | | | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. |
| 1 | 0.197 | 0.12 | 50.76 | - | 50.88 | - | 63.74 | 53.74 | -12.86 | - |
| 2 | 0.392 | 0.13 | 46.69 | - | 46.82 | - | 58.02 | 48.02 | -11.21 | - |
| 3 | 0.982 | 0.15 | 48.87 | 38.06 | 49.02 | 38.21 | 56.00 | 46.00 | -6.98 | -7.79 |
| 4 | 1.574 | 0.16 | 49.94 | 35.99 | 50.10 | 36.15 | 56.00 | 46.00 | -5.90 | -9.85 |
| 5 | 2.164 | 0.16 | 52.00 | 37.55 | 52.16 | 37.71 | 56.00 | 46.00 | -3.84 | -8.29 |
| 6 | 2.503 | 0.17 | 51.68 | 35.59 | 51.85 | 35.76 | 56.00 | 46.00 | -4.15 | -10.24 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.

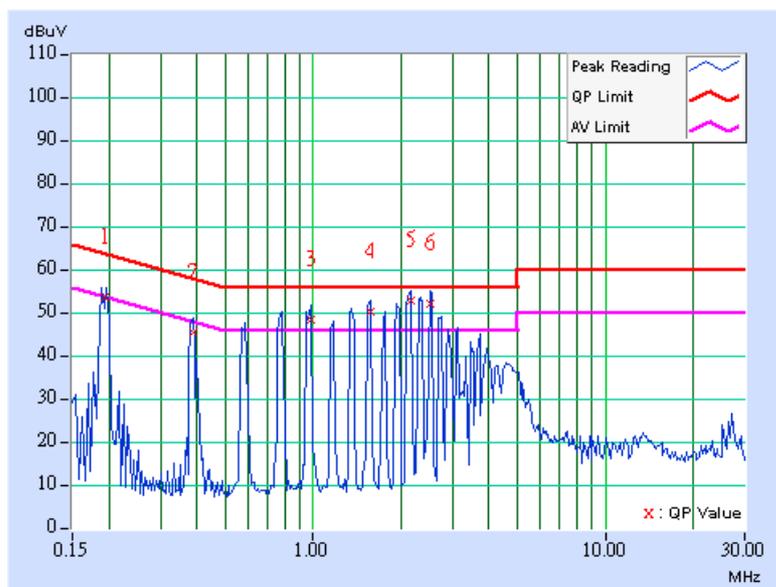


| | | | |
|---------------------------------|---|----------------------|-------------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 1 | TEST MODE | C |
| INPUT POWER (SYSTEM) | 120 Vac, 60 Hz | 6dB BANDWIDTH | 9 kHz |
| ENVIRONMENTAL CONDITIONS | 26 deg. C, 68% RH, 991 hPa | PHASE | Neutral (N) |
| TESTED BY | Kent Chen | | |

| No | Freq. [MHz] | Corr. Factor (dB) | Reading Value | | Emission Level | | Limit | | Margin | |
|----|----------------|-------------------------|---------------|-------|----------------|-------|-----------|-------|--------|--------|
| | | | [dB (uV)] | | [dB (uV)] | | [dB (uV)] | | (dB) | |
| | | | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. |
| 1 | 0.193 | 0.11 | 53.55 | - | 53.66 | - | 63.91 | 53.91 | -10.25 | - |
| 2 | 0.388 | 0.12 | 45.54 | - | 45.66 | - | 58.10 | 48.10 | -12.44 | - |
| 3 | 0.978 | 0.15 | 48.48 | 38.75 | 48.63 | 38.90 | 56.00 | 46.00 | -7.37 | -7.10 |
| 4 | 1.574 | 0.16 | 50.36 | 34.94 | 50.52 | 35.10 | 56.00 | 46.00 | -5.48 | -10.90 |
| 5 | 2.164 | 0.16 | 52.61 | 36.77 | 52.77 | 36.93 | 56.00 | 46.00 | -3.23 | -9.07 |
| 6 | 2.521 | 0.17 | 51.97 | 37.98 | 52.14 | 38.15 | 56.00 | 46.00 | -3.86 | -7.85 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.

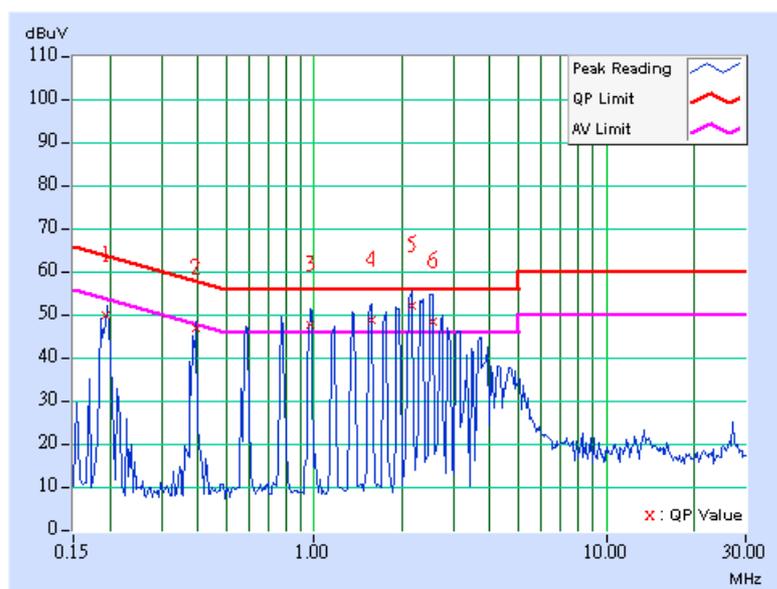


| | | | |
|---------------------------------|---|----------------------|----------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 25 | TEST MODE | C |
| INPUT POWER (SYSTEM) | 120 Vac, 60 Hz | 6dB BANDWIDTH | 9 kHz |
| ENVIRONMENTAL CONDITIONS | 26 deg. C, 68% RH, 991 hPa | PHASE | Line (L) |
| TESTED BY | Kent Chen | | |

| No | Freq. [MHz] | Corr. Factor (dB) | Reading Value | | Emission Level | | Limit | | Margin | |
|----|----------------|-------------------------|---------------|-------|----------------|-------|-----------|-------|--------|--------|
| | | | [dB (uV)] | | [dB (uV)] | | [dB (uV)] | | (dB) | |
| | | | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. |
| 1 | 0.194 | 0.12 | 49.96 | - | 50.08 | - | 63.85 | 53.85 | -13.77 | - |
| 2 | 0.394 | 0.13 | 46.99 | - | 47.12 | - | 57.99 | 47.99 | -10.87 | - |
| 3 | 0.970 | 0.15 | 47.44 | 39.63 | 47.59 | 39.78 | 56.00 | 46.00 | -8.41 | -6.22 |
| 4 | 1.570 | 0.16 | 48.61 | 36.28 | 48.77 | 36.44 | 56.00 | 46.00 | -7.23 | -9.56 |
| 5 | 2.164 | 0.16 | 52.00 | 37.80 | 52.16 | 37.96 | 56.00 | 46.00 | -3.84 | -8.04 |
| 6 | 2.535 | 0.17 | 48.19 | 34.74 | 48.36 | 34.91 | 56.00 | 46.00 | -7.64 | -11.09 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.

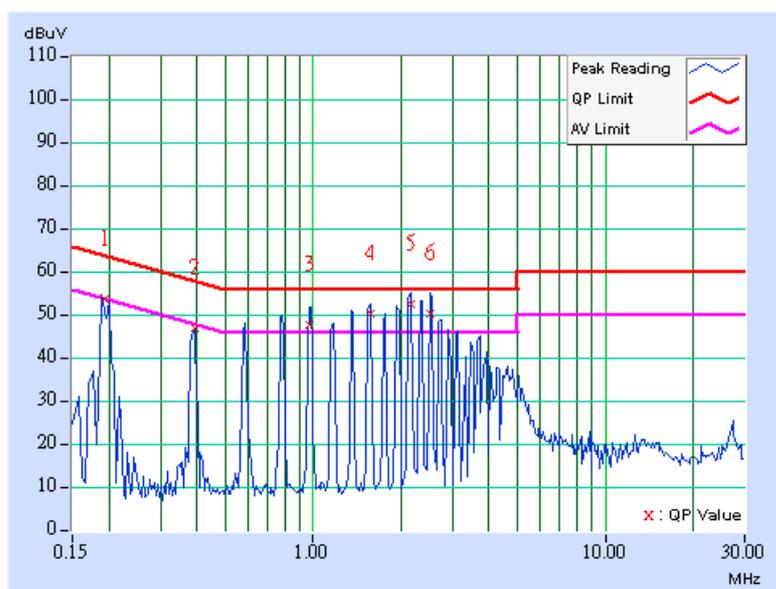


| | | | |
|---------------------------------|---|----------------------|-------------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 25 | TEST MODE | C |
| INPUT POWER (SYSTEM) | 120 Vac, 60 Hz | 6dB BANDWIDTH | 9 kHz |
| ENVIRONMENTAL CONDITIONS | 26 deg. C, 68% RH, 991 hPa | PHASE | Neutral (N) |
| TESTED BY | Kent Chen | | |

| No | Freq. [MHz] | Corr. Factor (dB) | Reading Value | | Emission Level | | Limit | | Margin | |
|----|----------------|-------------------------|---------------|-------|----------------|-------|-----------|-------|--------|--------|
| | | | [dB (uV)] | | [dB (uV)] | | [dB (uV)] | | (dB) | |
| | | | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. |
| 1 | 0.193 | 0.11 | 53.56 | - | 53.67 | - | 63.89 | 53.89 | -10.22 | - |
| 2 | 0.392 | 0.12 | 46.75 | - | 46.87 | - | 58.02 | 48.02 | -11.15 | - |
| 3 | 0.970 | 0.15 | 47.67 | 39.86 | 47.82 | 40.01 | 56.00 | 46.00 | -8.18 | -5.99 |
| 4 | 1.576 | 0.16 | 50.17 | 33.81 | 50.33 | 33.97 | 56.00 | 46.00 | -5.67 | -12.03 |
| 5 | 2.164 | 0.16 | 52.48 | 36.78 | 52.64 | 36.94 | 56.00 | 46.00 | -3.36 | -9.06 |
| 6 | 2.508 | 0.17 | 50.36 | 37.14 | 50.53 | 37.31 | 56.00 | 46.00 | -5.47 | -8.69 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.

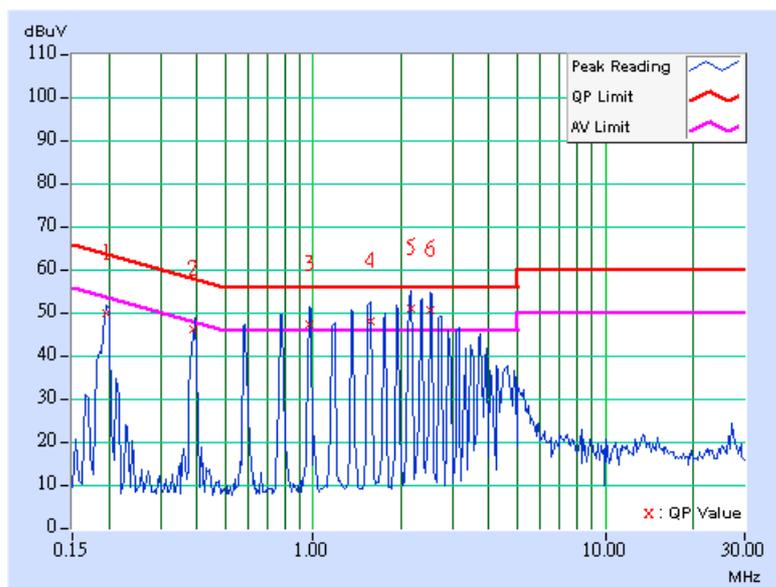


| | | | |
|---------------------------------|---|----------------------|----------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 50 | TEST MODE | C |
| INPUT POWER (SYSTEM) | 120 Vac, 60 Hz | 6dB BANDWIDTH | 9 kHz |
| ENVIRONMENTAL CONDITIONS | 26 deg. C, 68% RH, 991 hPa | PHASE | Line (L) |
| TESTED BY | Kent Chen | | |

| No | Freq. [MHz] | Corr. Factor (dB) | Reading Value | | Emission Level | | Limit | | Margin | |
|----|----------------|-------------------------|---------------|-------|----------------|-------|-----------|-------|--------|--------|
| | | | [dB (uV)] | | [dB (uV)] | | [dB (uV)] | | (dB) | |
| | | | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. |
| 1 | 0.197 | 0.12 | 49.92 | - | 50.04 | - | 63.74 | 53.74 | -13.70 | - |
| 2 | 0.391 | 0.13 | 46.24 | - | 46.37 | - | 58.04 | 48.04 | -11.68 | - |
| 3 | 0.975 | 0.15 | 47.42 | 38.38 | 47.57 | 38.53 | 56.00 | 46.00 | -8.43 | -7.47 |
| 4 | 1.566 | 0.16 | 47.98 | 35.25 | 48.14 | 35.41 | 56.00 | 46.00 | -7.86 | -10.59 |
| 5 | 2.160 | 0.16 | 50.80 | 37.08 | 50.96 | 37.24 | 56.00 | 46.00 | -5.04 | -8.76 |
| 6 | 2.508 | 0.17 | 50.62 | 36.43 | 50.79 | 36.60 | 56.00 | 46.00 | -5.21 | -9.40 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.

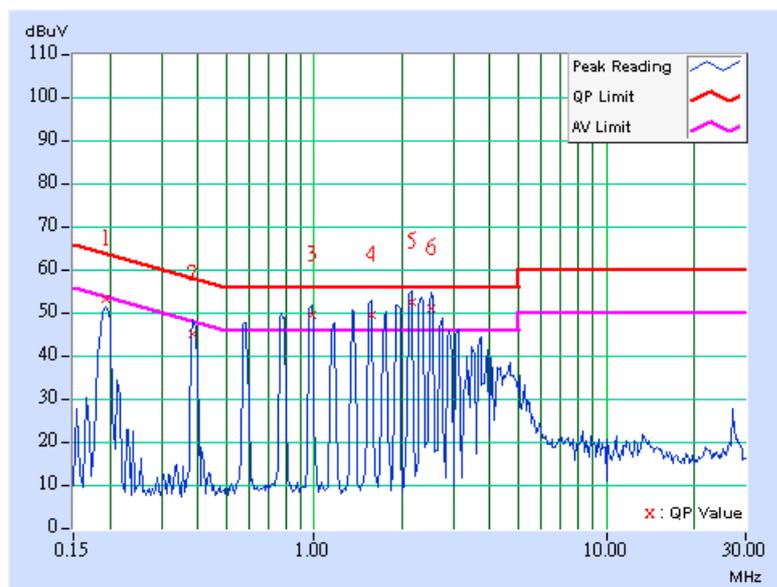


| | | | |
|---------------------------------|---|----------------------|-------------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 50 | TEST MODE | C |
| INPUT POWER (SYSTEM) | 120 Vac, 60 Hz | 6dB BANDWIDTH | 9 kHz |
| ENVIRONMENTAL CONDITIONS | 26 deg. C, 68% RH, 991 hPa | PHASE | Neutral (N) |
| TESTED BY | Kent Chen | | |

| No | Freq. [MHz] | Corr. Factor (dB) | Reading Value | | Emission Level | | Limit | | Margin | |
|----|----------------|-------------------------|---------------|-------|----------------|-------|-----------|-------|--------|--------|
| | | | [dB (uV)] | | [dB (uV)] | | [dB (uV)] | | (dB) | |
| | | | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. |
| 1 | 0.193 | 0.11 | 53.11 | - | 53.22 | - | 63.91 | 53.91 | -10.69 | - |
| 2 | 0.384 | 0.12 | 45.15 | - | 45.27 | - | 58.18 | 48.18 | -12.92 | - |
| 3 | 0.982 | 0.15 | 49.49 | 38.22 | 49.64 | 38.37 | 56.00 | 46.00 | -6.36 | -7.63 |
| 4 | 1.578 | 0.16 | 49.32 | 31.77 | 49.48 | 31.93 | 56.00 | 46.00 | -6.52 | -14.07 |
| 5 | 2.168 | 0.16 | 52.25 | 34.40 | 52.41 | 34.56 | 56.00 | 46.00 | -3.59 | -11.44 |
| 6 | 2.527 | 0.17 | 50.79 | 36.71 | 50.96 | 36.88 | 56.00 | 46.00 | -5.04 | -9.12 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.



4.2 RADIATED EMISSION MEASUREMENT

4.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.109 as following:

| Frequencies (MHz) | Field strength (microvolts/meter) | Measurement distance (meters) |
|----------------------|--------------------------------------|----------------------------------|
| 30-88 | 100 | 3 |
| 88-216 | 150 | 3 |
| 216-960 | 200 | 3 |
| Above 960 | 500 | 3 |

NOTE:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.



4.2.2 TEST INSTRUMENTS

| DESCRIPTION & MANUFACTURER | MODEL NO. | SERIAL NO. | CALIBRATED UNTIL |
|---|--------------------|--------------|------------------|
| Test Receiver ROHDE & SCHWARZ | ESI7 | 100033 | Jun, 08, 2005 |
| Spectrum Analyzer ROHDE & SCHWARZ | FSP40 | 100040 | Dec. 15, 2004 |
| BILOG Antenna SCHWARZBECK | VULB9168 | 9168-153 | Feb. 03, 2005 |
| HORN Antenna SCHWARZBECK | 9120D | 9120D-408 | Feb. 03, 2005 |
| HORN Antenna SCHWARZBECK | BBHA 9170 | BBHA 9170243 | Feb. 23, 2005 |
| Preamplifier Agilent | 8447D | 2944A10633 | Jan. 15, 2005 |
| Preamplifier Agilent | 8449B | 3008A01964 | Jan. 27, 2005 |
| RF signal cable HUBER+SUHNNER | SUCOFLEX 104 | 218183/4 | Mar. 05, 2005 |
| RF signal cable HUBER+SUHNNER | SUCOFLEX 104 | 218195/4 | Mar. 05, 2005 |
| Software ADT. | ADT_Radiated_V5.14 | NA | NA |
| Antenna Tower inn-co GmbH | MA 4000 | 013303 | NA |
| Antenna Tower Controller inn-co GmbH | CO2000 | 017303 | NA |
| Turn Table ADT. | TT100. | TT93021703 | NA |
| Turn Table Controller ADT. | SC100. | SC93021703 | NA |

- NOTE:**
1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
 2. The test was performed in HwaYa Chamber 2.
 3. The horn antenna and HP preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
 4. The IC Site Registration No. is IC4924-3.

4.2.3 TEST PROCEDURES

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna is a broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10 dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10 dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

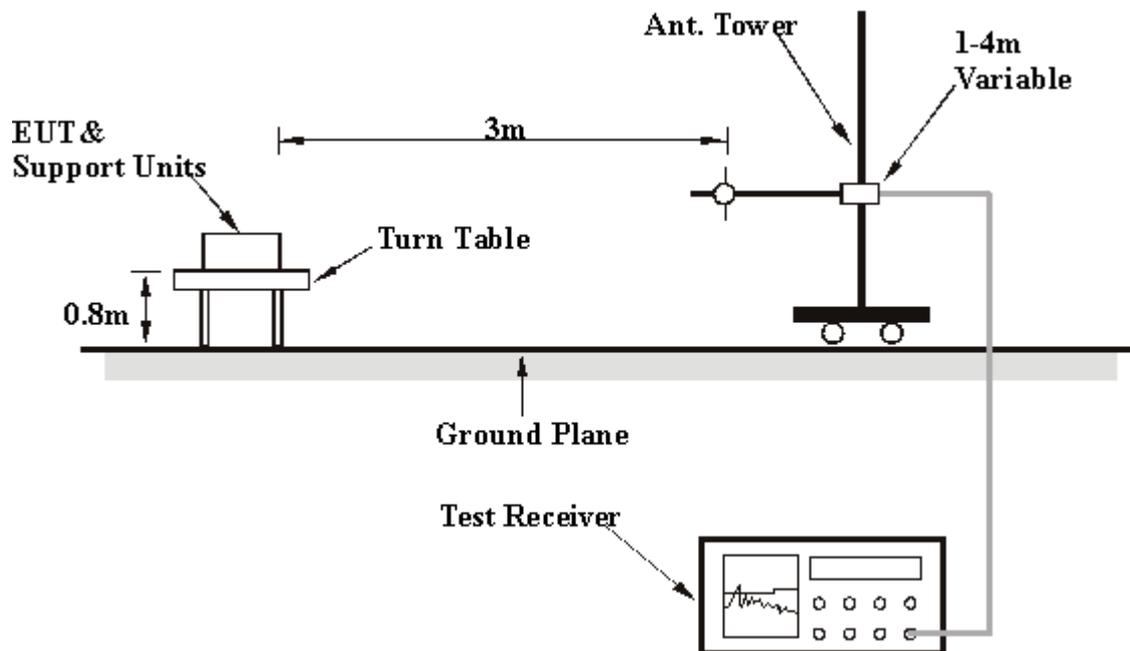
NOTE:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Peak detection (PK) and Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz for Peak detection at frequency above 1GHz.

4.2.4 DEVIATION FROM TEST STANDARD

No deviation

4.2.5 TEST SETUP



For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

4.2.6 EUT OPERATING CONDITIONS

Same as 4.1.6

4.2.7 TEST RESULTS

| | | | |
|---------------------------------|---|--------------------------|----------------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 50 | TEST MODE | A |
| INPUT POWER (SYSTEM) | 120 Vac, 60Hz | FREQUENCY RANGE | Below 1000 MHz |
| ENVIRONMENTAL CONDITIONS | 25 deg. C, 63% RH, 991 hPa | DETECTOR FUNCTION | Quasi-Peak |
| TESTED BY | Rush Kao | | |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|-----|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| 1 | 33.89 | 21.33 QP | 40.00 | -18.67 | 4.00 H | 76 | 6.52 | 14.81 |
| 2 | 84.43 | 27.68 QP | 40.00 | -12.32 | 4.00 H | 268 | 17.16 | 10.51 |
| 3 | 99.98 | 23.94 QP | 43.50 | -19.56 | 4.00 H | 13 | 12.81 | 11.14 |
| 4 | 195.23 | 33.25 QP | 43.50 | -10.25 | 2.00 H | 199 | 21.43 | 11.82 |
| 5 | 232.16 | 32.84 QP | 46.00 | -13.16 | 1.25 H | 19 | 20.10 | 12.74 |
| 6 | 263.27 | 22.67 QP | 46.00 | -23.33 | 2.00 H | 346 | 8.93 | 13.74 |
| 7 | 658.19 | 44.29 QP | 46.00 | -1.71 | 1.02 H | 36 | 22.26 | 22.03 |
| 8 | 904.75 | 27.00 QP | 46.00 | -19.00 | 1.25 H | 4 | 1.71 | 25.30 |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|-----------|---------------|-------------------------|----------------|--------------|--------------------|----------------------|------------------|--------------------------|
| 1 | 35.83 | 30.48 QP | 40.00 | -9.52 | 1.00 V | 346 | 15.36 | 15.12 |
| 2 | 84.43 | 30.76 QP | 40.00 | -9.24 | 1.50 V | 196 | 20.25 | 10.51 |
| 3 | 127.19 | 24.85 QP | 43.50 | -18.65 | 1.00 V | 169 | 11.54 | 13.31 |
| 4 | 156.35 | 27.15 QP | 43.50 | -16.35 | 1.00 V | 118 | 12.53 | 14.62 |
| 5 | 195.23 | 30.21 QP | 43.50 | -13.29 | 1.00 V | 61 | 18.39 | 11.82 |
| 6 | 232.16 | 30.36 QP | 46.00 | -15.64 | 2.00 V | 307 | 17.61 | 12.74 |
| 7 | 261.32 | 26.10 QP | 46.00 | -19.90 | 1.00 V | 97 | 12.45 | 13.65 |
| 8 | 393.51 | 30.03 QP | 46.00 | -15.97 | 1.25 V | 319 | 13.21 | 16.82 |
| 9 | 589.84 | 27.80 QP | 46.00 | -18.20 | 1.00 V | 118 | 6.84 | 20.96 |
| 10 | 658.19 | 44.48 QP | 46.00 | -1.52 | 1.57 V | 344 | 22.45 | 22.03 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.



| | | | |
|---------------------------------|---|--------------------------|----------------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 1 | TEST MODE | A |
| INPUT POWER (SYSTEM) | 120 Vac, 60Hz | FREQUENCY RANGE | Below 1000 MHz |
| ENVIRONMENTAL CONDITIONS | 25 deg. C, 62% RH, 991 hPa | DETECTOR FUNCTION | Quasi-Peak |
| TESTED BY | Long Chen | | |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|--|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1316.00 | 42.56 PK | 74.00 | -31.44 | 1.00 H | 309 | 13.36 | 29.20 |
| 2 | 2632.00 | 42.88 PK | 74.00 | -31.12 | 1.00 H | 147 | 10.32 | 32.56 |
| 3 | 3290.00 | 49.54 PK | 74.00 | -24.46 | 1.10 H | 8 | 15.58 | 33.96 |
| 4 | 3949.00 | 45.41 PK | 74.00 | -28.59 | 1.21 H | 248 | 10.17 | 35.24 |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|--|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1316.00 | 44.86 PK | 74.00 | -29.14 | 1.61 V | 20 | 15.66 | 29.20 |
| 2 | 2632.00 | 45.28 PK | 74.00 | -28.72 | 1.08 V | 20 | 12.72 | 32.56 |
| 3 | 3290.00 | 53.02 PK | 74.00 | -20.98 | 1.04 V | 315 | 19.07 | 33.96 |
| 3 | 3290.00 | 49.09 AV | 54.00 | -4.91 | 1.04 V | 315 | 15.14 | 33.96 |
| 4 | 3949.00 | 48.70 PK | 74.00 | -25.30 | 1.10 V | 171 | 13.46 | 35.24 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

REMARKS:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.



| | | | |
|---------------------------------|---|--------------------------|----------------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 25 | TEST MODE | A |
| INPUT POWER (SYSTEM) | 120 Vac, 60Hz | FREQUENCY RANGE | Below 1000 MHz |
| ENVIRONMENTAL CONDITIONS | 25 deg. C, 62% RH, 991 hPa | DETECTOR FUNCTION | Quasi-Peak |
| TESTED BY | Long Chen | | |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|--|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1342.00 | 41.63 PK | 74.00 | -32.37 | 1.42 H | 229 | 12.28 | 29.35 |
| 2 | 2684.00 | 42.17 PK | 74.00 | -31.83 | 1.12 H | 284 | 9.48 | 32.69 |
| 3 | 3354.00 | 50.12 PK | 74.00 | -23.88 | 1.00 H | 249 | 15.96 | 34.16 |
| 3 | 3354.00 | 40.59 AV | 54.00 | -13.41 | 1.00 H | 249 | 6.43 | 34.16 |
| 4 | 4026.00 | 44.71 PK | 74.00 | -29.29 | 1.00 H | 249 | 9.19 | 35.52 |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|--|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1342.00 | 47.61 PK | 74.00 | -26.39 | 1.62 V | 15 | 18.26 | 29.35 |
| 2 | 2684.00 | 47.12 PK | 74.00 | -26.88 | 1.06 V | 23 | 14.43 | 32.69 |
| 3 | 3354.00 | 53.85 PK | 74.00 | -20.15 | 1.38 V | 21 | 19.69 | 34.16 |
| 3 | 3354.00 | 50.12 AV | 54.00 | -3.88 | 1.38 V | 21 | 15.96 | 34.16 |
| 4 | 4026.00 | 49.18 PK | 74.00 | -24.82 | 1.34 V | 176 | 13.66 | 35.52 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

REMARKS:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.



| | | | |
|---------------------------------|---|--------------------------|----------------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 50 | TEST MODE | A |
| INPUT POWER (SYSTEM) | 120 Vac, 60Hz | FREQUENCY RANGE | Below 1000 MHz |
| ENVIRONMENTAL CONDITIONS | 25 deg. C, 62% RH, 991 hPa | DETECTOR FUNCTION | Quasi-Peak |
| TESTED BY | Long Chen | | |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|-----|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| 1 | 1367.00 | 43.85 PK | 74.00 | -30.15 | 1.33 H | 271 | 14.35 | 29.50 |
| 2 | 2734.00 | 42.96 PK | 74.00 | -31.04 | 1.00 H | 287 | 10.12 | 32.84 |
| 3 | 3418.00 | 48.92 PK | 74.00 | -25.08 | 1.00 H | 334 | 14.62 | 34.30 |
| 4 | 4101.00 | 44.19 PK | 74.00 | -29.81 | 1.42 H | 264 | 8.32 | 35.87 |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|-----|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| 1 | 1367.00 | 46.39 PK | 74.00 | -27.61 | 1.68 V | 20 | 16.89 | 29.50 |
| 2 | 2734.00 | 48.61 PK | 74.00 | -25.39 | 1.14 V | 29 | 15.77 | 32.84 |
| 3 | 3418.00 | 54.17 PK | 74.00 | -19.83 | 1.08 V | 341 | 19.87 | 34.30 |
| 3 | 3418.00 | 51.05 AV | 54.00 | -2.95 | 1.08 V | 341 | 16.75 | 34.30 |
| 4 | 4101.00 | 49.33 PK | 74.00 | -24.67 | 1.04 V | 281 | 13.46 | 35.87 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

REMARKS:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.



| | | | |
|---------------------------------|---|--------------------------|----------------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 50 | TEST MODE | B |
| INPUT POWER (SYSTEM) | 120 Vac, 60Hz | FREQUENCY RANGE | Below 1000 MHz |
| ENVIRONMENTAL CONDITIONS | 25 deg. C, 58% RH, 991 hPa | DETECTOR FUNCTION | Quasi-Peak |
| TESTED BY | Long Chen | | |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|--|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No. | Freq. (MHz) | Emission Level (dBUV/m) | Limit (dBUV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBUV) | Correction Factor (dB/m) |
| 1 | 45.55 | 28.44 QP | 40.00 | -11.56 | 2.00 H | 46 | 12.53 | 15.91 |
| 2 | 127.19 | 26.74 QP | 43.50 | -16.76 | 3.00 H | 115 | 13.43 | 13.31 |
| 3 | 232.16 | 25.63 QP | 46.00 | -20.37 | 1.50 H | 289 | 12.89 | 12.74 |
| 4 | 393.51 | 29.09 QP | 46.00 | -16.91 | 1.00 H | 61 | 12.27 | 16.82 |
| 5 | 589.84 | 25.63 QP | 46.00 | -20.37 | 1.50 H | 199 | 4.67 | 20.96 |
| 6 | 677.31 | 26.35 QP | 46.00 | -19.65 | 1.00 H | 70 | 4.09 | 22.25 |
| 7 | 902.81 | 27.49 QP | 46.00 | -18.51 | 4.00 H | 295 | 2.22 | 25.27 |
| 8 | 943.63 | 28.12 QP | 46.00 | -17.88 | 1.50 H | 220 | 2.37 | 25.75 |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|--|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No. | Freq. (MHz) | Emission Level (dBUV/m) | Limit (dBUV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBUV) | Correction Factor (dB/m) |
| 1 | 45.55 | 25.43 QP | 40.00 | -14.57 | 1.00 V | 214 | 9.53 | 15.91 |
| 2 | 131.08 | 20.79 QP | 43.50 | -22.71 | 1.00 V | 58 | 7.24 | 13.55 |
| 3 | 393.51 | 26.50 QP | 46.00 | -19.50 | 1.00 V | 76 | 9.69 | 16.82 |
| 4 | 673.43 | 28.64 QP | 46.00 | -17.36 | 1.50 V | 97 | 6.43 | 22.21 |
| 5 | 712.30 | 28.87 QP | 46.00 | -17.13 | 1.50 V | 304 | 6.07 | 22.80 |
| 6 | 786.17 | 28.58 QP | 46.00 | -17.42 | 1.50 V | 169 | 4.84 | 23.75 |
| 7 | 914.47 | 36.81 QP | 46.00 | -9.19 | 1.50 V | 298 | 11.40 | 25.41 |
| 8 | 955.29 | 26.52 QP | 46.00 | -19.48 | 1.00 V | 265 | 0.68 | 25.85 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

- REMARKS:**
1. Emission level(dBUV/m)=Raw Value(dBUV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.



| | | | |
|---------------------------------|---|--------------------------|----------------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 50 | TEST MODE | C |
| AXIS | X | DETECTOR FUNCTION | Quasi-Peak |
| INPUT POWER (SYSTEM) | 120 Vac, 60Hz | FREQUENCY RANGE | Below 1000 MHz |
| ENVIRONMENTAL CONDITIONS | 25 deg. C, 58% RH, 991 hPa | TESTED BY | Long Chen |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|-----|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| 1 | 35.83 | 28.22 QP | 40.00 | -11.78 | 1.50 H | 46 | 13.10 | 15.12 |
| 2 | 78.60 | 36.63 QP | 40.00 | -3.37 | 2.00 H | 181 | 25.79 | 10.85 |
| 3 | 193.29 | 35.38 QP | 43.50 | -8.12 | 1.50 H | 136 | 23.41 | 11.97 |
| 4 | 307.98 | 39.03 QP | 46.00 | -6.97 | 1.00 H | 127 | 24.05 | 14.98 |
| 5 | 393.23 | 42.55 QP | 46.00 | -3.45 | 1.00 H | 27 | 25.74 | 16.81 |
| 6 | 488.76 | 33.72 QP | 46.00 | -12.28 | 1.50 H | 118 | 15.14 | 18.58 |
| 7 | 589.84 | 38.44 QP | 46.00 | -7.56 | 1.00 H | 115 | 17.48 | 20.96 |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|-----|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| 1 | 33.89 | 31.59 QP | 40.00 | -8.41 | 1.00 V | 127 | 16.78 | 14.81 |
| 2 | 78.60 | 23.44 QP | 40.00 | -16.56 | 2.50 V | 103 | 12.60 | 10.85 |
| 3 | 193.29 | 19.34 QP | 43.50 | -24.16 | 1.50 V | 43 | 7.36 | 11.97 |
| 4 | 393.51 | 25.98 QP | 46.00 | -20.02 | 2.00 V | 106 | 9.16 | 16.82 |
| 5 | 488.76 | 18.44 QP | 46.00 | -27.56 | 1.50 V | 64 | -0.14 | 18.58 |
| 6 | 589.84 | 23.75 QP | 46.00 | -22.25 | 1.00 V | 85 | 2.80 | 20.96 |
| 7 | 737.58 | 22.05 QP | 46.00 | -23.95 | 1.50 V | 43 | -1.34 | 23.39 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.



| | | | |
|---------------------------------|---|--------------------------|----------------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 50 | TEST MODE | C |
| AXIS | Y | DETECTOR FUNCTION | Quasi-Peak |
| INPUT POWER (SYSTEM) | 120 Vac, 60Hz | FREQUENCY RANGE | Below 1000 MHz |
| ENVIRONMENTAL CONDITIONS | 25 deg. C, 58% RH, 991 hPa | TESTED BY | Long Chen |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|--|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 82.48 | 34.65 QP | 40.00 | -5.35 | 2.00 H | 340 | 24.72 | 9.92 |
| 2 | 193.29 | 37.68 QP | 43.50 | -5.82 | 1.50 H | 271 | 25.87 | 11.82 |
| 3 | 317.70 | 39.42 QP | 46.00 | -6.58 | 1.00 H | 253 | 24.62 | 14.80 |
| 4 | 393.51 | 37.69 QP | 46.00 | -8.31 | 2.00 H | 310 | 21.12 | 16.57 |
| 5 | 434.33 | 33.40 QP | 46.00 | -12.60 | 2.00 H | 298 | 15.80 | 17.60 |
| 6 | 589.84 | 35.50 QP | 46.00 | -10.50 | 1.50 H | 307 | 14.95 | 20.55 |
| 7 | 712.30 | 34.21 QP | 46.00 | -11.79 | 1.00 H | 289 | 11.90 | 22.31 |
| 8 | 737.58 | 35.26 QP | 46.00 | -10.74 | 1.00 H | 319 | 12.33 | 22.93 |
| 9 | 786.17 | 32.14 QP | 46.00 | -13.86 | 1.00 H | 322 | 8.74 | 23.40 |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|--|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 35.83 | 37.66 QP | 40.00 | -2.34 | 1.00 V | 313 | 22.99 | 14.67 |
| 2 | 82.48 | 34.00 QP | 40.00 | -6.00 | 2.00 V | 298 | 24.07 | 9.92 |
| 3 | 193.29 | 32.21 QP | 43.50 | -11.29 | 1.00 V | 319 | 20.39 | 11.82 |
| 4 | 317.70 | 31.80 QP | 46.00 | -14.20 | 1.00 V | 58 | 17.00 | 14.80 |
| 5 | 393.51 | 35.46 QP | 46.00 | -10.54 | 1.00 V | 286 | 18.89 | 16.57 |
| 6 | 589.84 | 31.15 QP | 46.00 | -14.85 | 1.50 V | 202 | 10.60 | 20.55 |
| 7 | 657.88 | 29.04 QP | 46.00 | -16.96 | 1.50 V | 349 | 7.48 | 21.56 |
| 8 | 712.30 | 28.26 QP | 46.00 | -17.74 | 1.00 V | 4 | 5.94 | 22.31 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.



| | | | |
|---------------------------------|---|--------------------------|----------------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 50 | TEST MODE | C |
| AXIS | Z | DETECTOR FUNCTION | Quasi-Peak |
| INPUT POWER (SYSTEM) | 120 Vac, 60Hz | FREQUENCY RANGE | Below 1000 MHz |
| ENVIRONMENTAL CONDITIONS | 25 deg. C, 58% RH, 991 hPa | TESTED BY | Long Chen |
| | | | |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|--|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 35.83 | 29.79 QP | 40.00 | -10.21 | 2.00 H | 304 | 15.12 | 14.67 |
| 2 | 82.48 | 34.33 QP | 40.00 | -5.67 | 4.00 H | 193 | 24.40 | 9.92 |
| 3 | 193.29 | 36.77 QP | 43.50 | -6.73 | 1.50 H | 289 | 24.96 | 11.82 |
| 4 | 321.58 | 39.78 QP | 46.00 | -6.22 | 1.00 H | 244 | 24.89 | 14.89 |
| 5 | 393.51 | 35.00 QP | 46.00 | -11.00 | 2.00 H | 238 | 18.43 | 16.57 |
| 6 | 434.33 | 33.69 QP | 46.00 | -12.31 | 2.00 H | 295 | 16.08 | 17.60 |
| 7 | 589.84 | 34.59 QP | 46.00 | -11.41 | 1.00 H | 256 | 14.04 | 20.55 |
| 8 | 657.88 | 31.73 QP | 46.00 | -14.27 | 1.00 H | 10 | 10.18 | 21.56 |
| 9 | 737.58 | 33.69 QP | 46.00 | -12.31 | 1.00 H | 295 | 10.76 | 22.93 |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|--|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 35.83 | 37.07 QP | 40.00 | -2.93 | 1.00 V | 250 | 22.41 | 14.67 |
| 2 | 82.48 | 33.74 QP | 40.00 | -6.26 | 2.00 V | 298 | 23.82 | 9.92 |
| 3 | 193.29 | 33.94 QP | 43.50 | -9.56 | 1.00 V | 301 | 22.13 | 11.82 |
| 4 | 317.70 | 33.59 QP | 46.00 | -12.41 | 1.00 V | 304 | 18.79 | 14.80 |
| 5 | 393.51 | 35.68 QP | 46.00 | -10.32 | 1.00 V | 301 | 19.11 | 16.57 |
| 6 | 434.33 | 31.40 QP | 46.00 | -14.60 | 1.00 V | 286 | 13.80 | 17.60 |
| 7 | 589.84 | 31.24 QP | 46.00 | -14.76 | 1.00 V | 130 | 10.69 | 20.55 |
| 8 | 737.58 | 30.60 QP | 46.00 | -15.40 | 1.50 V | 205 | 7.67 | 22.93 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.



| | | | |
|---------------------------------|---|--------------------------|------------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 1 | TEST MODE | C |
| INPUT POWER (SYSTEM) | 120 Vac, 60Hz | AXIS | X |
| FREQUENCY RANGE | Below 1000 MHz | DETECTOR FUNCTION | Quasi-Peak |
| ENVIRONMENTAL CONDITIONS | 25 deg. C, 58% RH, 991 hPa | TESTED BY | Long Chen |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|--|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1976.00 | 46.42 PK | 74.00 | -27.58 | 1.13 H | 247 | 16.75 | 29.67 |
| 2 | 5266.00 | 46.89 PK | 74.00 | -27.11 | 1.00 H | 129 | 8.29 | 38.60 |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|--|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1976.00 | 46.85 PK | 74.00 | -27.15 | 1.00 V | 174 | 17.18 | 29.67 |
| 2 | 5266.00 | 52.17 PK | 74.00 | -21.83 | 1.19 V | 298 | 13.57 | 38.60 |
| 2 | 5266.00 | 40.39 AV | 54.00 | -13.61 | 1.19 V | 298 | 1.79 | 38.60 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

REMARKS:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.



| | | | |
|---------------------------------|---|--------------------------|------------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 1 | TEST MODE | C |
| INPUT POWER (SYSTEM) | 120 Vac, 60Hz | AXIS | Y |
| FREQUENCY RANGE | Below 1000 MHz | DETECTOR FUNCTION | Quasi-Peak |
| ENVIRONMENTAL CONDITIONS | 25 deg. C, 58% RH, 991 hPa | TESTED BY | Long Chen |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|--|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1976.00 | 44.71 PK | 74.00 | -29.29 | 1.12 H | 139 | 15.04 | 29.67 |
| 2 | 5266.00 | 48.31 PK | 74.00 | -25.69 | 1.29 H | 227 | 9.71 | 38.60 |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|--|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1976.00 | 46.47 PK | 74.00 | -27.53 | 1.00 V | 186 | 16.80 | 29.67 |
| 2 | 5266.00 | 53.96 PK | 74.00 | -20.04 | 1.26 V | 174 | 15.36 | 38.60 |
| 2 | 5266.00 | 41.39 AV | 54.00 | -12.61 | 1.26 V | 174 | 2.79 | 38.60 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

REMARKS:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.



| | | | |
|---------------------------------|---|--------------------------|------------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 1 | TEST MODE | C |
| INPUT POWER (SYSTEM) | 120 Vac, 60Hz | AXIS | Z |
| FREQUENCY RANGE | Below 1000 MHz | DETECTOR FUNCTION | Quasi-Peak |
| ENVIRONMENTAL CONDITIONS | 25 deg. C, 58% RH, 991 hPa | TESTED BY | Long Chen |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|--|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1976.00 | 48.39 PK | 74.00 | -25.61 | 1.17 H | 147 | 18.72 | 29.67 |
| 2 | 5266.00 | 49.69 PK | 74.00 | -24.31 | 1.28 H | 32 | 11.09 | 38.60 |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|--|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1976.00 | 51.39 PK | 74.00 | -22.61 | 1.00 V | 211 | 21.72 | 29.67 |
| 1 | 1976.00 | 41.57 AV | 54.00 | -12.43 | 1.00 V | 211 | 11.90 | 29.67 |
| 2 | 5266.00 | 55.41 PK | 74.00 | -18.59 | 1.17 V | 293 | 16.81 | 38.60 |
| 2 | 5266.00 | 43.98 AV | 54.00 | -10.02 | 1.17 V | 293 | 5.38 | 38.60 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

REMARKS:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.



| | | | |
|---------------------------------|---|--------------------------|------------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 25 | TEST MODE | C |
| INPUT POWER (SYSTEM) | 120 Vac, 60Hz | AXIS | X |
| FREQUENCY RANGE | Below 1000 MHz | DETECTOR FUNCTION | Quasi-Peak |
| ENVIRONMENTAL CONDITIONS | 25 deg. C, 58% RH, 991 hPa | TESTED BY | Long Chen |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|--|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 2012.00 | 44.82 PK | 74.00 | -29.18 | 1.05 H | 291 | 14.92 | 29.90 |
| 2 | 5368.00 | 45.93 PK | 74.00 | -28.07 | 1.48 H | 163 | 7.42 | 38.51 |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|--|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 2012.00 | 49.57 PK | 74.00 | -24.43 | 1.14 V | 337 | 19.67 | 29.90 |
| 2 | 5368.00 | 49.14 PK | 74.00 | -24.86 | 1.36 V | 287 | 10.63 | 38.51 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

REMARKS:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.



| | | | |
|---------------------------------|---|--------------------------|------------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 25 | TEST MODE | C |
| INPUT POWER (SYSTEM) | 120 Vac, 60Hz | AXIS | Y |
| FREQUENCY RANGE | Below 1000 MHz | DETECTOR FUNCTION | Quasi-Peak |
| ENVIRONMENTAL CONDITIONS | 25 deg. C, 58% RH, 991 hPa | TESTED BY | Long Chen |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|-----|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| 1 | 2012.00 | 44.38 PK | 74.00 | -29.62 | 1.19 H | 271 | 14.48 | 29.90 |
| 2 | 5368.00 | 48.92 PK | 74.00 | -25.08 | 1.63 H | 279 | 10.41 | 38.51 |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|-----|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| 1 | 2012.00 | 48.97 PK | 74.00 | -25.03 | 1.34 V | 58 | 19.07 | 29.90 |
| 2 | 5368.00 | 53.98 PK | 74.00 | -20.02 | 1.41 V | 109 | 15.47 | 38.51 |
| 2 | 5368.00 | 42.11 AV | 54.00 | -11.89 | 1.41 V | 109 | 3.60 | 38.51 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

REMARKS:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.



| | | | |
|---------------------------------|---|--------------------------|------------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 25 | TEST MODE | C |
| INPUT POWER (SYSTEM) | 120 Vac, 60Hz | AXIS | Z |
| FREQUENCY RANGE | Below 1000 MHz | DETECTOR FUNCTION | Quasi-Peak |
| ENVIRONMENTAL CONDITIONS | 25 deg. C, 58% RH, 991 hPa | TESTED BY | Long Chen |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|--|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 2012.00 | 47.32 PK | 74.00 | -26.68 | 1.42 H | 179 | 17.42 | 29.90 |
| 2 | 5368.00 | 50.33 PK | 74.00 | -23.67 | 1.28 H | 34 | 11.82 | 38.51 |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|--|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 2012.00 | 50.69 PK | 74.00 | -23.31 | 1.78 V | 217 | 20.79 | 29.90 |
| 2 | 5368.00 | 56.14 PK | 74.00 | -17.86 | 1.17 V | 310 | 17.63 | 38.51 |
| 2 | 5368.00 | 45.48 AV | 54.00 | -8.52 | 1.17 V | 310 | 6.97 | 38.51 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

REMARKS:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.



| | | | |
|---------------------------------|---|--------------------------|------------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 50 | TEST MODE | C |
| INPUT POWER (SYSTEM) | 120 Vac, 60Hz | AXIS | X |
| FREQUENCY RANGE | Below 1000 MHz | DETECTOR FUNCTION | Quasi-Peak |
| ENVIRONMENTAL CONDITIONS | 25 deg. C, 58% RH, 991 hPa | TESTED BY | Long Chen |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|-----|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| 1 | 2050.00 | 44.61 PK | 74.00 | -29.39 | 1.73 H | 355 | 14.51 | 30.10 |
| 2 | 5470.00 | 46.28 PK | 74.00 | -27.72 | 1.05 H | 248 | 7.54 | 38.74 |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|-----|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| 1 | 2050.00 | 49.72 PK | 74.00 | -24.28 | 1.13 V | 262 | 19.62 | 30.10 |
| 2 | 5470.00 | 48.99 PK | 74.00 | -25.01 | 1.24 V | 108 | 10.25 | 38.74 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

REMARKS:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.



| | | | |
|---------------------------------|---|--------------------------|------------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 50 | TEST MODE | C |
| INPUT POWER (SYSTEM) | 120 Vac, 60Hz | AXIS | Y |
| FREQUENCY RANGE | Below 1000 MHz | DETECTOR FUNCTION | Quasi-Peak |
| ENVIRONMENTAL CONDITIONS | 25 deg. C, 58% RH, 991 hPa | TESTED BY | Long Chen |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|--|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 2050.00 | 46.12 PK | 74.00 | -27.88 | 1.19 H | 174 | 16.02 | 30.10 |
| 2 | 5470.00 | 48.92 PK | 74.00 | -25.08 | 1.00 H | 245 | 10.18 | 38.74 |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|--|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 2050.00 | 48.97 PK | 74.00 | -25.03 | 1.14 V | 271 | 18.87 | 30.10 |
| 2 | 5470.00 | 53.69 PK | 74.00 | -20.31 | 1.17 V | 318 | 14.95 | 38.74 |
| 2 | 5470.00 | 41.18 AV | 54.00 | -12.82 | 1.17 V | 318 | 2.44 | 38.74 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

REMARKS:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.



| | | | |
|---------------------------------|---|--------------------------|------------|
| EUT | Industrial cordless phone system ~ DuraFon 1X | MODEL | SN-902 |
| CHANNEL | 50 | TEST MODE | C |
| INPUT POWER (SYSTEM) | 120 Vac, 60Hz | AXIS | Z |
| FREQUENCY RANGE | Below 1000 MHz | DETECTOR FUNCTION | Quasi-Peak |
| ENVIRONMENTAL CONDITIONS | 25 deg. C, 58% RH, 991 hPa | TESTED BY | Long Chen |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|--|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 2050.00 | 47.13 PK | 74.00 | -26.87 | 1.63 H | 227 | 17.03 | 30.10 |
| 2 | 5470.00 | 50.55 PK | 74.00 | -23.45 | 1.16 H | 329 | 11.81 | 38.74 |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|--|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 2050.00 | 50.14 PK | 74.00 | -23.86 | 1.13 V | 140 | 20.04 | 30.10 |
| 2 | 5470.00 | 56.39 PK | 74.00 | -17.61 | 1.09 V | 341 | 17.65 | 38.74 |
| 2 | 5470.00 | 44.92 AV | 54.00 | -9.08 | 1.09 V | 341 | 6.18 | 38.74 |

*(The test data is in accordance with ADT Report No.: FD930817L09.)

REMARKS:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

5 PHOTOGRAPHS OF THE TEST CONFIGURATION

CONDUCTED EMISSION TEST (Test Mode A)



(Test Mode B)

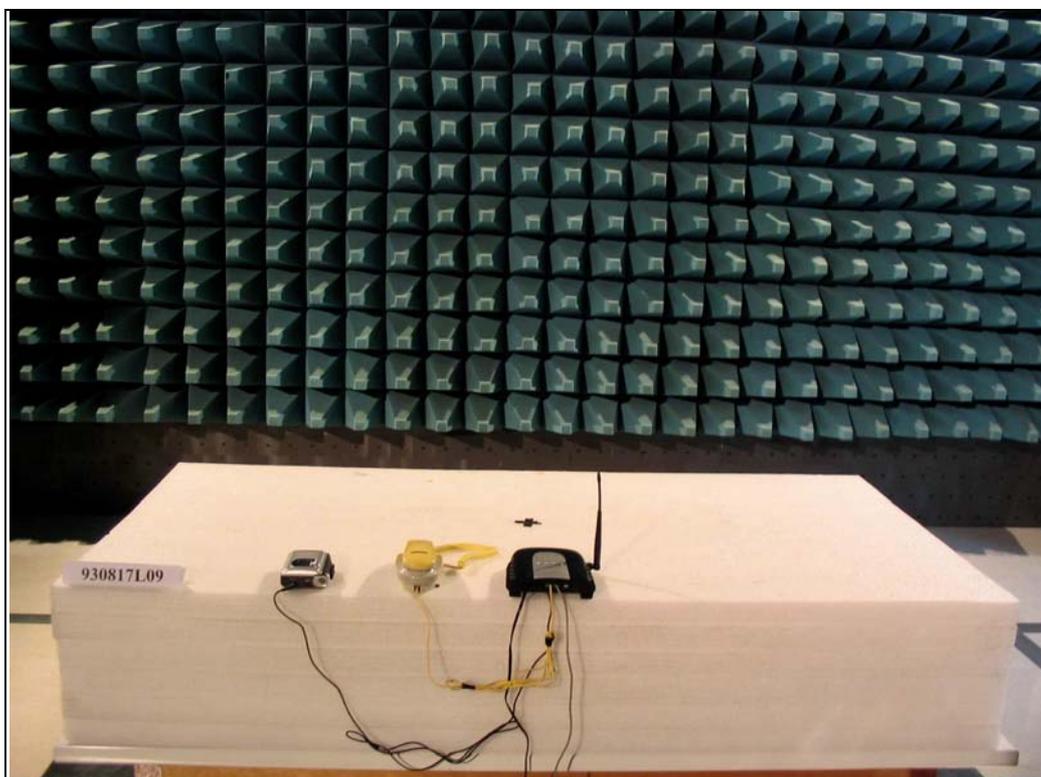
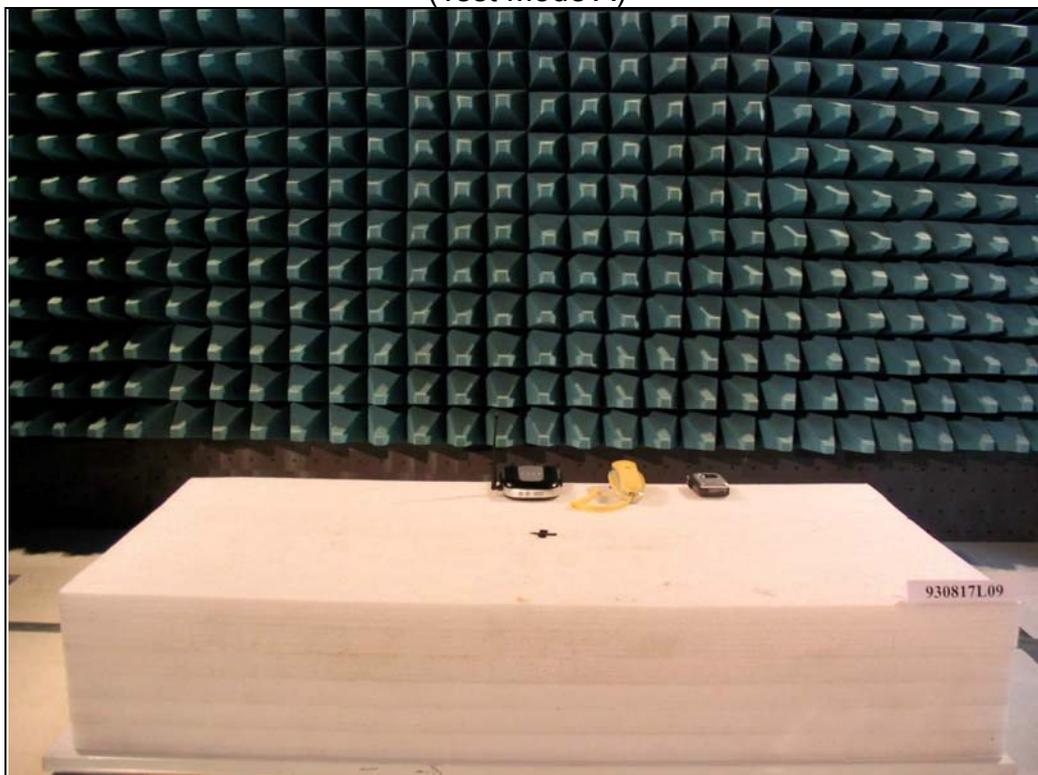


(Test Mode C)

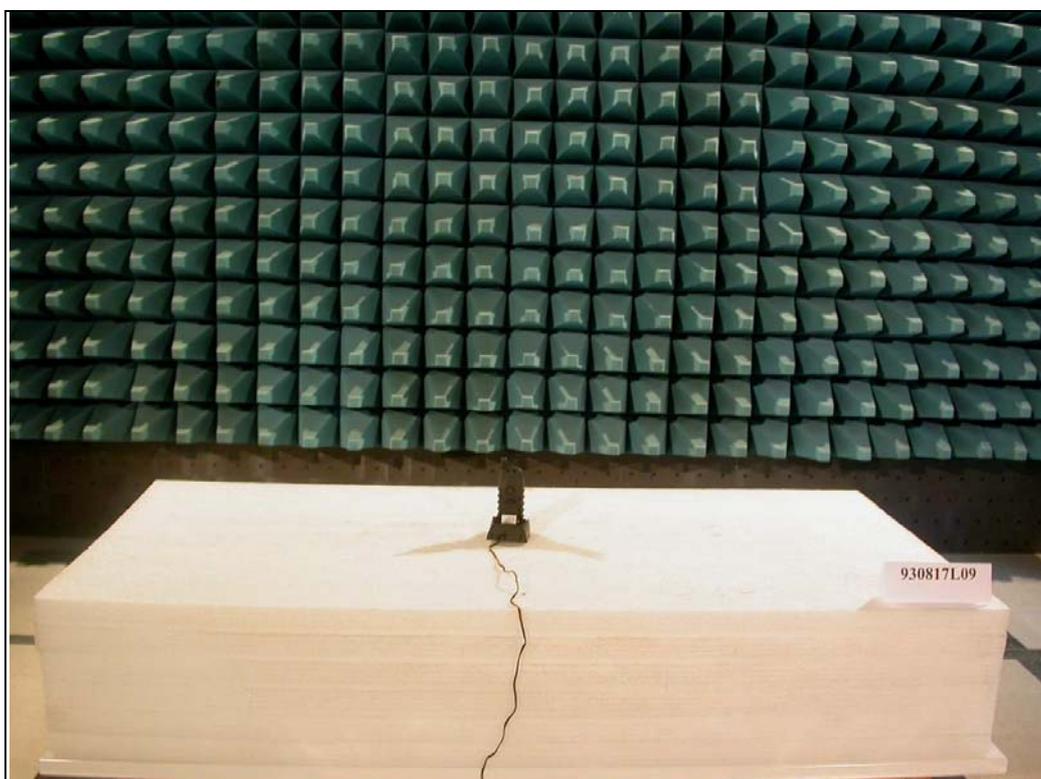
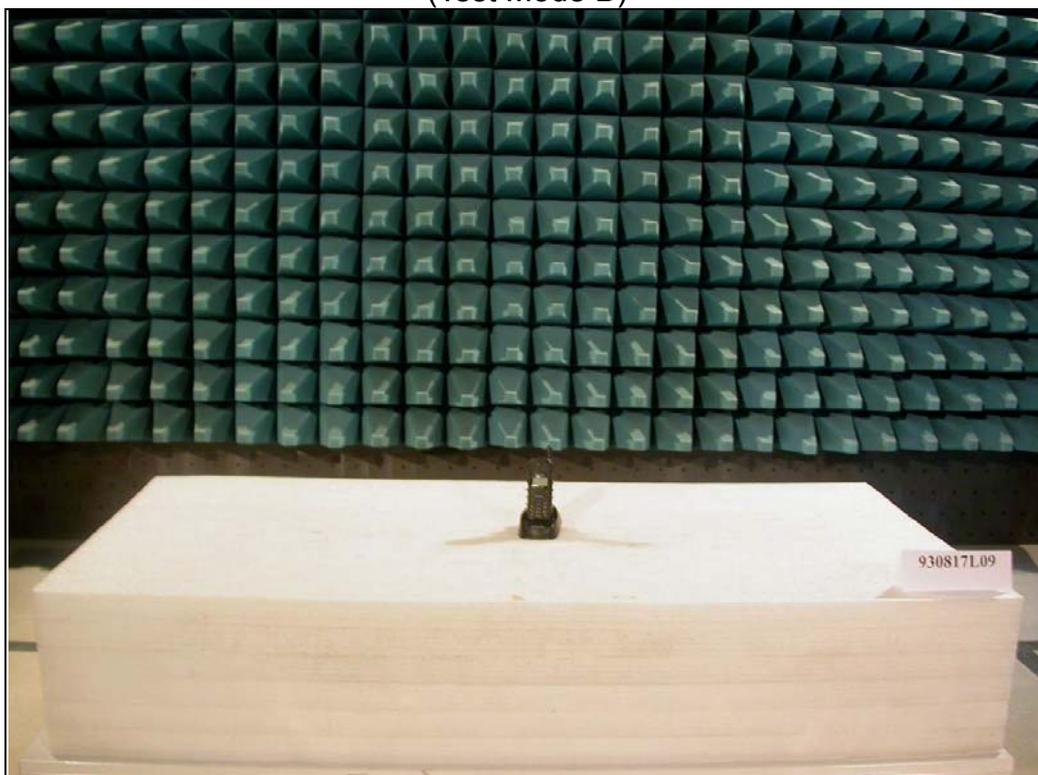


RADIATED EMISSION TEST

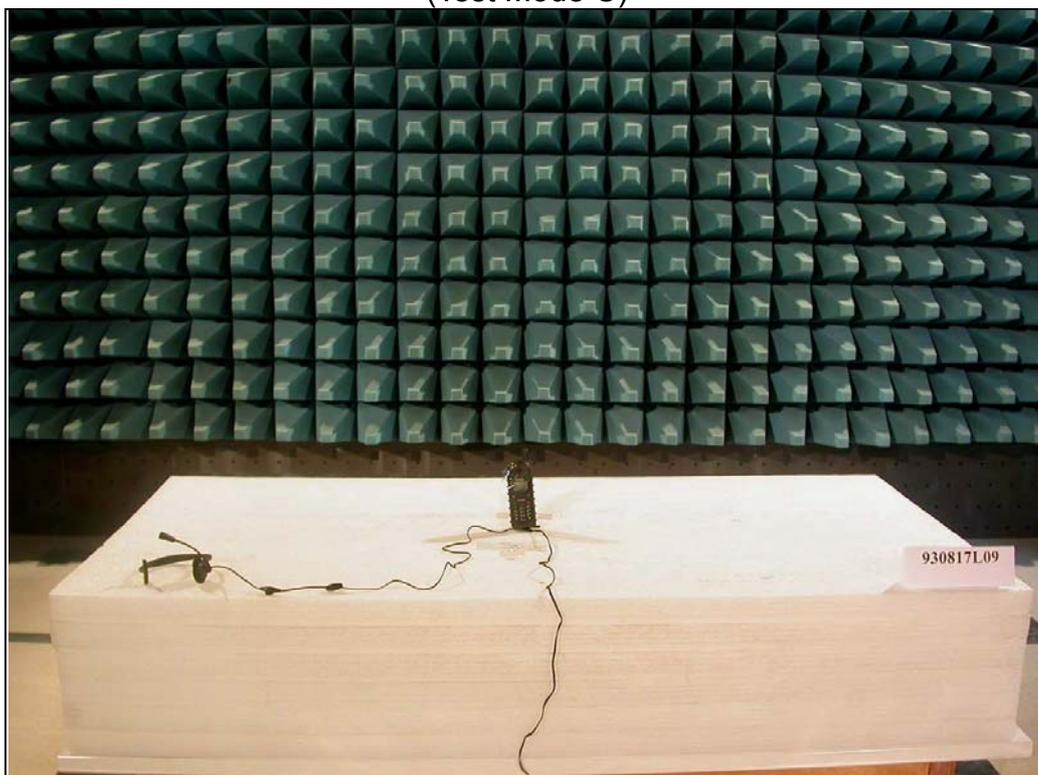
(Test Mode A)



(Test Mode B)



(Test Mode C)





6 INFORMATION ON THE TESTING LABORATORIES

We, ADT Corp., were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025, Guide 25 or EN 45001:

| | |
|--------------------|-----------------------|
| USA | FCC, NVLAP, UL, A2LA |
| Germany | TUV Rheinland |
| Japan | VCCI |
| Norway | NEMKO |
| Canada | INDUSTRY CANADA , CSA |
| R.O.C. | CNLA, BSMI, DGT |
| Netherlands | Telefication |
| Singapore | PSB , GOST-ASIA(MOU) |
| Russia | CERTIS(MOU) |

Copies of accreditation certificates of our laboratories obtained from approval agencies can be downloaded from our web site:

www.adt.com.tw/index.5/phtml. If you have any comments, please feel free to contact us at the following:

Linko EMC/RF Lab:

Tel: 886-2-26052180
Fax: 886-2-26052943

Hsin Chu EMC/RF Lab:

Tel: 886-3-5935343
Fax: 886-3-5935342

Hwa Ya EMC/RF/Safety/Telecom Lab:

Tel: 886-3-3183232
Fax: 886-3-3185050

Linko RF Lab.

Tel: 886-3-3270910
Fax: 886-3-3270892

Email: service@mail.adt.com.tw

Web Site: www.adt.com.tw

The address and road map of all our labs can be found in our web site also.

Report Format Version 1.5