



**CONFORMANCE TEST REPORT  
FOR  
EN 301489-1/-6**

**Report No.: 06-05-MAS-050-01**

Client: **Aztech Systems Limited**  
Product: **DECT Phone**  
Model: **H315-S1 (PP)**  
Manufacturer/supplier: **Aztech Systems Limited**

Date test item received: 2006/05/09  
Date test campaign completed: 2006/07/19  
Date of issue: 2006/07/21

**The test result only corresponds to the tested sample. It is not permitted to copy this report, in part or in full, without the permission of the test laboratory.**

*Total number of pages of this test report: 17 pages*

|   |   |  |
|---|---|--|
| Test Engineer   | Test Supervisor   | TÜV Hong Kong Ltd. - TÜV SÜD Group   |
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# 1 TEST REPORT CERTIFICATION

Client : Aztech Systems Limited  
Address : 31 Ubi Road 1, Aztech Building, Singapore 408694  
Manufacturer : Aztech Systems Limited  
EUT : DECT Phone  
Model No. : H315-S1 (PP)  
Test specifications : Emissions  
EN 55022:1998/A1:2000/A2:2003 (Class B)  
Immunity  
EN 61000-4-2:1995/A1:1998/A2:2001  
EN 61000-4-3:2002/A1:2002  
Regulations applied : EN 301489-1:V1.6.1  
EN 301489-6:V1.2.1

Test Location: Electronics Testing Center, Taiwan (ETC-Taiwan)

Address: No. 8, Lane 29, Wen-Ming Rd., Lo-Shan Tsun, Kui-Shan Hsiang, Taoyuan, Taiwan, R.O.C.

The testing described in this report has been carried out to the best of our knowledge and ability, and our responsibility is limited to the exercise of reasonable care. This certification is not intended to believe the sellers from their legal and/or contractual obligations.

## 2 GENERAL INFORMATIONS

### 2.1 Description of EUT:

The Test Candidate is a portable part with integrated antennas of a cordless telephone system for 3.1 kHz voice-communications on DECT Feature Phone-standard. For the integrated antennas a diversity-switch is included to the equipment. This portable part (PP) is used in combination with a fixed part (FP) for connections to the analogue public switched telephone network.

### 2.2 Related Informations of EUT:

|              |   |             |          |                        |
|--------------|---|-------------|----------|------------------------|
| Power Supply | : | 2.4 Vdc     |          |                        |
| Power Line   | : | Nonshielded | Shielded | None , length: _____ m |
| Ears Line    | : | Nonshielded | Shielded | None , length: _____ m |
| Control Line | : | Nonshielded | Shielded | None , length: _____ m |
| TEL. Line    | : | Nonshielded | Shielded | None , length: _____ m |
| Signal Line  | : | Nonshielded | Shielded | None , length: _____ m |

\* For more detailed features, please refer to *User's Manual*.

### 2.3 Modification Record:

No modifications were required. (That mean the EUT has complied with the requirement as tested.)

### 3 SUMMARY OF TEST RESULTS

#### 3.1 Emissions:

##### 3.1.1 Radiated Emissions

**-PASS**

Peak EMI value to the limit:           -1.6 dB           at           208.710 MHz          

#### 3.2 Immunity:

##### 3.2.1 Immunity Criteria:

The results of all of the immunity tests performed on the EUT were evaluated according to the following criteria, and according to the manufacturer's specifications for the EUT:

##### **Performance criterion for Continuous Phenomena applied to DECT Phone Transceivers (CT):**

The BER of the signal as measured shall not exceed  $1 \times 10^{-3}$  during the test sequence. Additionally for equipment containing analogue speech circuits the speech output signal level shall be at least 35dB less than the previously recorded reference level. At the conclusion of the test, the EUT shall operate as intended with no loss of user control functions or stored data and the communications link shall have been maintained during and after tests. Where the EUT is capable of transmission, tests shall be performed to ensure that unintentional transmission does not occur.

##### **Performance criterion for Transient phenomena applied to DECT Phone Transceivers (TT):**

At the conclusion of each exposure the EUT shall operate with no user noticeable loss of the communications link. At the conclusion of the total test comprising the series of individual exposures the EUT shall operate as intended with no loss of user control functions or stored data, as declared by the manufacturer, and the communications link shall have been maintained. Where the EUT is capable of transmission, tests shall be performed to ensure that unintentional transmission does not occur.

##### **Performance criterion for Continuous phenomena applied to DECT Phone Receive-only equipment (CR):**

The primary functions shall be verified during each individual exposure in the test sequence. Additionally for equipment containing analogue speech circuits the speech output signal level shall be at least 35 dB less than the previously recorded reference level. At the conclusion of the test, the EUT shall operate as intended with no loss of user control functions or stored data, as declared by the manufacturer, and the communications link shall have been maintained. This shall be verified by checking the primary functions.

##### **Performance criterion for Transient phenomena applied to DECT Phone Receive-only equipment (TR):**

At the conclusion of each exposure the EUT shall operate with no user noticeable loss of the communications link. At the conclusion of the total test comprising the series of individual exposures the EUT shall operate as intended with no loss of user control functions or stored data, as declared by the manufacturer, and the communications link shall have been maintained. This shall be verified by checking the primary functions.

**3.2.2 Electrostatic Discharge:****-PASS**

For transceivers the general performance criteria TT shall apply. For stand alone receivers the general performance criteria TR shall apply. For ancillary equipment the pass/fail criteria supplied by the manufacturer shall apply, unless the ancillary equipment is tested in connection with receivers or transceivers in which case the corresponding performance criteria above shall apply.

**3.2.3 Radio Frequency Electromagnetic Field (80~1000MHz and 1400~2000MHz):****-PASS**

For transceivers the general performance criteria CT shall apply. For stand alone receivers the general performance criteria CR shall apply. For ancillary equipment the pass/fail criteria supplied by the manufacturer shall apply, unless the ancillary equipment is tested in connection with receivers or transceivers in which case the corresponding performance criteria above shall apply.

## 4 TEST DATA & RELATED INFORMATIONS

### 4.1 Emissions:

#### 4.1.1 Radiated Emissions Test:

##### 4.1.1.1 Radiated Emissions Test Data:

A. Operating Conditions of the EUT: Talking Mode

Test Date: May 18, 2006

|   |  |                                |  |
|---|--|--------------------------------|--|
| Test Specification                                      | EN 55022:1998/A1:2000/A2:2003 (Class B)                                |                                |  |
| Test Equipment  | Calibration Date   | Recommended Recal. Date        |  |
| EMI Test Receiver\HP\8546A<br>Ant.- LogBiconi\EMCO\3142 | Dec. 13, 2005<br>Mar. 08, 2006   | Dec. 12, 2006<br>Mar. 07, 2007 |  |
| Climatic Condition                                      | Ambient Temperature: <u>27</u> C      Relative Humidity: <u>64</u> %RH |                                |  |
| Power Supply System                                     | DC Power: <u>2.4</u> Vdc   |                                |  |
| Test Set-up   | Table-top Equipment  |                                |  |

| Emission Frequency (MHz) | Meter Reading (dBuV) |       | CORR'd Factor (dB/m) | Results (dBuV/m) |       | Limit (dBuV/m) | Margins (dB) |
|--------------------------|----------------------|-------|----------------------|------------------|-------|----------------|--------------|
|                          | HOR.                 | VERT. |                      | HOR.             | VERT. |                |              |
| 167.220                  | 7.4                  | ***   | 11.6                 | 19.0             | ***   | 30.0           | -11.0        |
| 167.210                  | ***                  | 8.4   | 11.6                 | ***              | 20.0  | 30.0           | -10.0        |
| 208.410                  | ***                  | 14.5  | 13.3                 | ***              | 27.8  | 30.0           | -2.2         |
| 208.710                  | 15.1                 | ***   | 13.3                 | 28.4             | ***   | 30.0           | -1.6         |
| 279.230                  | 10.9                 | ***   | 17.1                 | 28.0             | ***   | 37.0           | -9.0         |
| 279.370                  | ***                  | 10.1  | 17.1                 | ***              | 27.2  | 37.0           | -9.8         |
| 347.140                  | 3.2                  | ***   | 20.2                 | 23.4             | ***   | 37.0           | -13.6        |
| 347.270                  | ***                  | 3.8   | 20.2                 | ***              | 24.0  | 37.0           | -13.0        |
| 556.370                  | 2.7                  | ***   | 25.3                 | 28.0             | ***   | 37.0           | -9.0         |
| 556.510                  | ***                  | 2.8   | 25.3                 | ***              | 28.1  | 37.0           | -8.9         |
| 720.370                  | ***                  | -0.2  | 28.9                 | ***              | 28.7  | 37.0           | -8.3         |
| 720.730                  | 0.7                  | ***   | 28.7                 | 29.4             | ***   | 37.0           | -7.6         |

- Notes:
- 1) Place of Measurement: Measuring site of the ETC (3F)
  - 2) Measurement Distance: 10 m
  - 3) Height of table on which the EUT was placed: 0.8 m
  - 4) Height of Receiving Antenna: 1 - 4 m
  - 5) Example Calculation: result for 167.220 MHz:  $7.4 + (11.6) = 19.0$  dB  $\mu$  V/m
  - 6) ① If the data table appeared symbol of "\*\*\*\*" means the value was too low to be measured.  
 ② If the data table appeared symbol of "----" means the Q.P. value is under the limit for AVG. so, the AVG. value doesn't need to be measured.  
 ③ If the data table appeared symbol of "#" means the noise was low, so record the peak
  - 7) The estimated measurement uncertainty of the result measurement is  
 $+ 4.5\text{dB} / - 4.6\text{dB}$  (30MHz  $f$  300MHz)  
 $+ 4.3\text{dB} / - 4.3\text{dB}$  (300MHz  $f$  1GHz)

**4.1.1.2 Radiated Emissions Test Setup Photos:**



## 4.2 Immunity:

### 4.2.1 Electrostatic Discharge:

#### 4.2.1.1 Electrostatic Discharge Test Data:

##### A. Operating Conditions of the EUT: Talking Mode

Test Date: Jul. 19, 2006

|                                      |  |                         |  |
|--------------------------------------|--|-------------------------|--|
| Test Specification                   | EN 61000-4-2:1995/A1:1998/A2:2001  |                         |  |
| Test Equipment                       | Calibration Date   | Recommended Recal. Date |  |
| ESD Simulator\Noiseken\ESS-2000-G365 | Nov. 28, 2005  | Nov. 27, 2006           |  |
| Climatic Condition                   | Ambient Temperature: <u>24</u> °C                      Relative Humidity: <u>50%</u> RH<br>Atmospheric Pressure: <u>986</u> mbar |                         |  |
| Power Supply System                  | DC Power: <u>2.4</u> Vdc   |                         |  |
| Test Set-up                          | Table-top Equipment  |                         |  |

**Test data see the next 1 page.**

# TEST DATA RECORD

ESD # 1



Applicant : Aztech  
 Project no. \_\_\_\_\_  
 Description \_\_\_\_\_  
 Model no. : H315-S1 Serial no.: \_\_\_\_\_

Operating mode: Off Hook  table-top unit  floor-standing unit

Ambient Temperature(°C 24 Relative Humidity(%): 50 Atmospheric Pressure(mbar): \_\_\_\_\_

Test regulation:  EN 50082-1:1992  EN 50082-2:1995  EN 55014-2 : 1997  
 EN 60601-1-2:1993  IEC 1000-4-2:1995  IEC 801-2:1991  
 EN 61547:1995  EN 61000-4-2:1995

Indirect discharge:  Draw points in the appendix

| Point             | Contact kV  |  |  | Number and Polarity at each Voltage Level                                       |   |
|-------------------|---|--|--|---|---|
|                   | ..2   | ..3  | ..4  | ..10 pos  | ..10 neg  |
| 1: VCP-Front Side | <input checked="" type="checkbox"/> ..2<br><input type="checkbox"/> ..6 | <input type="checkbox"/> ..3<br><input type="checkbox"/> ..8 | <input checked="" type="checkbox"/> ..4<br><input type="checkbox"/> .. | <input checked="" type="checkbox"/> ..10 pos<br><input type="checkbox"/> .. pos | <input checked="" type="checkbox"/> ..10 neg<br><input type="checkbox"/> .. neg |
| 2: VCP-Right Side | <input checked="" type="checkbox"/> ..2<br><input type="checkbox"/> ..6 | <input type="checkbox"/> ..3<br><input type="checkbox"/> ..8 | <input checked="" type="checkbox"/> ..4<br><input type="checkbox"/> .. | <input checked="" type="checkbox"/> ..10 pos<br><input type="checkbox"/> .. pos | <input checked="" type="checkbox"/> ..10 neg<br><input type="checkbox"/> .. neg |
| 3: VCP-Rear Side  | <input checked="" type="checkbox"/> ..2<br><input type="checkbox"/> ..6 | <input type="checkbox"/> ..3<br><input type="checkbox"/> ..8 | <input checked="" type="checkbox"/> ..4<br><input type="checkbox"/> .. | <input checked="" type="checkbox"/> ..10 pos<br><input type="checkbox"/> .. pos | <input checked="" type="checkbox"/> ..10 neg<br><input type="checkbox"/> .. neg |
| 4: VCP-Left Side  | <input checked="" type="checkbox"/> ..2<br><input type="checkbox"/> ..6 | <input type="checkbox"/> ..3<br><input type="checkbox"/> ..8 | <input checked="" type="checkbox"/> ..4<br><input type="checkbox"/> .. | <input checked="" type="checkbox"/> ..10 pos<br><input type="checkbox"/> .. pos | <input checked="" type="checkbox"/> ..10 neg<br><input type="checkbox"/> .. neg |
| 5: HCP-Front Side | <input checked="" type="checkbox"/> ..2<br><input type="checkbox"/> ..6 | <input type="checkbox"/> ..3<br><input type="checkbox"/> ..8 | <input checked="" type="checkbox"/> ..4<br><input type="checkbox"/> .. | <input checked="" type="checkbox"/> ..10 pos<br><input type="checkbox"/> .. pos | <input checked="" type="checkbox"/> ..10 neg<br><input type="checkbox"/> .. neg |
| 6: HCP-Right Side | <input checked="" type="checkbox"/> ..2<br><input type="checkbox"/> ..6 | <input type="checkbox"/> ..3<br><input type="checkbox"/> ..8 | <input checked="" type="checkbox"/> ..4<br><input type="checkbox"/> .. | <input checked="" type="checkbox"/> ..10 pos<br><input type="checkbox"/> .. pos | <input checked="" type="checkbox"/> ..10 neg<br><input type="checkbox"/> .. neg |
| 7: HCP-Rear Side  | <input checked="" type="checkbox"/> ..2<br><input type="checkbox"/> ..6 | <input type="checkbox"/> ..3<br><input type="checkbox"/> ..8 | <input checked="" type="checkbox"/> ..4<br><input type="checkbox"/> .. | <input checked="" type="checkbox"/> ..10 pos<br><input type="checkbox"/> .. pos | <input checked="" type="checkbox"/> ..10 neg<br><input type="checkbox"/> .. neg |
| 8: HCP-Left Side  | <input checked="" type="checkbox"/> ..2<br><input type="checkbox"/> ..6 | <input type="checkbox"/> ..3<br><input type="checkbox"/> ..8 | <input checked="" type="checkbox"/> ..4<br><input type="checkbox"/> .. | <input checked="" type="checkbox"/> ..10 pos<br><input type="checkbox"/> .. pos | <input checked="" type="checkbox"/> ..10 neg<br><input type="checkbox"/> .. neg |
| 9: _____          | <input type="checkbox"/> ..2<br><input type="checkbox"/> ..6            | <input type="checkbox"/> ..3<br><input type="checkbox"/> ..8 | <input type="checkbox"/> ..4<br><input type="checkbox"/> ..            | <input type="checkbox"/> ..10 pos<br><input type="checkbox"/> .. pos            | <input type="checkbox"/> ..10 neg<br><input type="checkbox"/> .. neg            |

Remarks: VCP = Vertical Coupling Plane; HCP = Horizontal Coupling Plane.

Result:  Complies  Does not comply

Criterion Required: B Criterion Met: A  Photo done

Date: 2006.7.13 Test Engineer: Joyce

# TEST DATA RECORD

## ESD # 2



Applicant : Aztech  
 Project no. \_\_\_\_\_  
 Description \_\_\_\_\_  
 Model no. : H315-S1 Serial no.: \_\_\_\_\_  
 Operating mode: Off Hook  table top unit  floor-standing unit

Ambient Temperature(°C): 24 Relative Humidity(%): 50 Atmospheric Pressure(mbar): \_\_\_\_\_

Testregulation:  EN 50082-1:1992  EN 50082-2:1995  EN 55014-2 : 1997  
 EN 60601-1-2:1993  IEC 1000-4-2:1995  IEC 801-2:1991  
 EN 61547:1995  EN 61000-4-2:1995

Indirect discharge:  Draw points in the appendix

| Point                               | Contact kV  |  | Air kV   |   | Number and Polarity at each Voltage Level                   |   |
|-------------------------------------|---|--|--|---|---|---|
| 1: <u>Battery Charging Port(PP)</u> | <input checked="" type="checkbox"/> ..2<br><input type="checkbox"/> ..6 | <input type="checkbox"/> ..3<br><input type="checkbox"/> ..8 | <input checked="" type="checkbox"/> ..4<br><input type="checkbox"/> .. | <input type="checkbox"/> ..2<br><input type="checkbox"/> ..8            | <input type="checkbox"/> ..4<br><input type="checkbox"/> .. | <input checked="" type="checkbox"/> ..10 pos<br><input type="checkbox"/> .. neg |
| 2: <u>Plastic Surface (PP)</u>      | <input type="checkbox"/> ..2<br><input type="checkbox"/> ..6            | <input type="checkbox"/> ..3<br><input type="checkbox"/> ..8 | <input type="checkbox"/> ..4<br><input type="checkbox"/> ..            | <input type="checkbox"/> ..2<br><input checked="" type="checkbox"/> ..8 | <input type="checkbox"/> ..4<br><input type="checkbox"/> .. | <input checked="" type="checkbox"/> ..10 pos<br><input type="checkbox"/> .. neg |
| 3: _____                            | <input type="checkbox"/> ..2<br><input type="checkbox"/> ..6            | <input type="checkbox"/> ..3<br><input type="checkbox"/> ..8 | <input type="checkbox"/> ..4<br><input type="checkbox"/> ..            | <input type="checkbox"/> ..2<br><input type="checkbox"/> ..8            | <input type="checkbox"/> ..4<br><input type="checkbox"/> .. | <input type="checkbox"/> ..10 pos<br><input type="checkbox"/> .. neg            |
| 4: _____                            | <input type="checkbox"/> ..2<br><input type="checkbox"/> ..6            | <input type="checkbox"/> ..3<br><input type="checkbox"/> ..8 | <input type="checkbox"/> ..4<br><input type="checkbox"/> ..            | <input type="checkbox"/> ..2<br><input type="checkbox"/> ..8            | <input type="checkbox"/> ..4<br><input type="checkbox"/> .. | <input type="checkbox"/> ..10 pos<br><input type="checkbox"/> .. neg            |
| 5: _____                            | <input type="checkbox"/> ..2<br><input type="checkbox"/> ..6            | <input type="checkbox"/> ..3<br><input type="checkbox"/> ..8 | <input type="checkbox"/> ..4<br><input type="checkbox"/> ..            | <input type="checkbox"/> ..2<br><input type="checkbox"/> ..8            | <input type="checkbox"/> ..4<br><input type="checkbox"/> .. | <input type="checkbox"/> ..10 pos<br><input type="checkbox"/> .. neg            |
| 6: _____                            | <input type="checkbox"/> ..2<br><input type="checkbox"/> ..6            | <input type="checkbox"/> ..3<br><input type="checkbox"/> ..8 | <input type="checkbox"/> ..4<br><input type="checkbox"/> ..            | <input type="checkbox"/> ..2<br><input type="checkbox"/> ..8            | <input type="checkbox"/> ..4<br><input type="checkbox"/> .. | <input type="checkbox"/> ..10 pos<br><input type="checkbox"/> .. neg            |
| 7: _____                            | <input type="checkbox"/> ..2<br><input type="checkbox"/> ..6            | <input type="checkbox"/> ..3<br><input type="checkbox"/> ..8 | <input type="checkbox"/> ..4<br><input type="checkbox"/> ..            | <input type="checkbox"/> ..2<br><input type="checkbox"/> ..8            | <input type="checkbox"/> ..4<br><input type="checkbox"/> .. | <input type="checkbox"/> ..10 pos<br><input type="checkbox"/> .. neg            |
| 8: _____                            | <input type="checkbox"/> ..2<br><input type="checkbox"/> ..6            | <input type="checkbox"/> ..3<br><input type="checkbox"/> ..8 | <input type="checkbox"/> ..4<br><input type="checkbox"/> ..            | <input type="checkbox"/> ..2<br><input type="checkbox"/> ..8            | <input type="checkbox"/> ..4<br><input type="checkbox"/> .. | <input type="checkbox"/> ..10 pos<br><input type="checkbox"/> .. neg            |
| 9: _____                            | <input type="checkbox"/> ..2<br><input type="checkbox"/> ..6            | <input type="checkbox"/> ..3<br><input type="checkbox"/> ..8 | <input type="checkbox"/> ..4<br><input type="checkbox"/> ..            | <input type="checkbox"/> ..2<br><input type="checkbox"/> ..8            | <input type="checkbox"/> ..4<br><input type="checkbox"/> .. | <input type="checkbox"/> ..10 pos<br><input type="checkbox"/> .. neg            |
| 10: _____                           | <input type="checkbox"/> ..2<br><input type="checkbox"/> ..6            | <input type="checkbox"/> ..3<br><input type="checkbox"/> ..8 | <input type="checkbox"/> ..4<br><input type="checkbox"/> ..            | <input type="checkbox"/> ..2<br><input type="checkbox"/> ..8            | <input type="checkbox"/> ..4<br><input type="checkbox"/> .. | <input type="checkbox"/> ..10 pos<br><input type="checkbox"/> .. neg            |
| 11: _____                           | <input type="checkbox"/> ..2<br><input type="checkbox"/> ..6            | <input type="checkbox"/> ..3<br><input type="checkbox"/> ..8 | <input type="checkbox"/> ..4<br><input type="checkbox"/> ..            | <input type="checkbox"/> ..2<br><input type="checkbox"/> ..8            | <input type="checkbox"/> ..4<br><input type="checkbox"/> .. | <input type="checkbox"/> ..10 pos<br><input type="checkbox"/> .. neg            |

Remarks: \_\_\_\_\_

Result:  Complies  Does not comply  
 Criterion Required: B Criterion Met: A  Photo done

Date: 2006.7.13 Test Engineer: Joyce Page 2

**4.2.2 Radio Frequency Electromagnetic Field (80~1000MHz and 1400~2000MHz):****4.2.2.1 Radio Frequency Electromagnetic Field Test Data:****A. Operating Conditions of the EUT: Talking Mode**

Test Date: Jul. 19, 2006

|                                      |   |                         |
|--------------------------------------|---|-------------------------|
| Test Specification                   | EN 61000-4-3:2002/A1:2002   |                         |
| Test Equipment                       | Calibration Date  | Recommended Recal. Date |
| Microphone\B&K\4134                  | Nov. 18, 2005   | Nov. 17, 2006           |
| Sound Level Calibrator\B&K\4231      | Dec. 10, 2005   | Dec. 09, 2006           |
| Conditioning Amplifier\B&K\type 2690 | Nov. 22, 2005   | Nov. 21, 2006           |
| Audio Analyzer\R&S\UPA               | May 25, 2006  | May 24, 2007            |
| Signal Generator\Agilent\8648D       | Jun. 08, 2006   | Jun. 07, 2007           |
| RF Power Amplifier\AR\50S1G4AM1      | May 31, 2006  | May 30, 2007            |
| Wide Band RF Amplifier\KALMUS\7100LC | Nov. 18, 2005   | Nov. 17, 2006           |
| Climatic Condition                   | Ambient Temperature: <u>18</u> °C                      Relative Humidity: <u>68</u> %RH |                         |
| Power Supply System                  | DC Power: <u>2.4</u> Vdc  |                         |
| Test Set-up                          | Table-top Equipment   |                         |

|  |   |                          |
|--|---|--------------------------|
| Frequency Range : <u>80</u> MHz ~ <u>1000</u> MHz<br><u>1400</u> MHz ~ <u>2000</u> MHz | Field Strength : <u>3</u> V/m                       | Modulation (AM 1kHz 80%) |
| Sweep Rate : $\leq 1.5 \times 10^{-3}$ decades/s                                       | Step Size : $\leq 1$ % of preceding frequency value | Dwell Time : <u>3</u> s  |
| Frequency Range (MHz)  | Polarization of Device                              | Test Result              |
| 80~1000  | Vertical  | A                        |
| 80~1000  | Horizontal  | A                        |
| 1400~2000  | Vertical  | A                        |
| 1400~2000  | Horizontal  | A                        |

Note: “ A ” means the EUT operates with BER less or equal than  $1 \times 10^{-3}$  during the test sequence.  
the speech output signal level at least 35dB less than the previously recorded reference level.  
no loss of user control functions or stored data and maintained communication link during and after the tests.  
no unintentional transmission.

Remarks: Testing has been conducted at 3-meter anechoic chamber.

#### 4.2.2.2 Radio Frequency Electromagnetic Field (80~1000MHz and 1400~2000MHz)

##### Test Setup Photos:



### Radiated Immunity Test

Sound Pressure

DECT ERP Hor

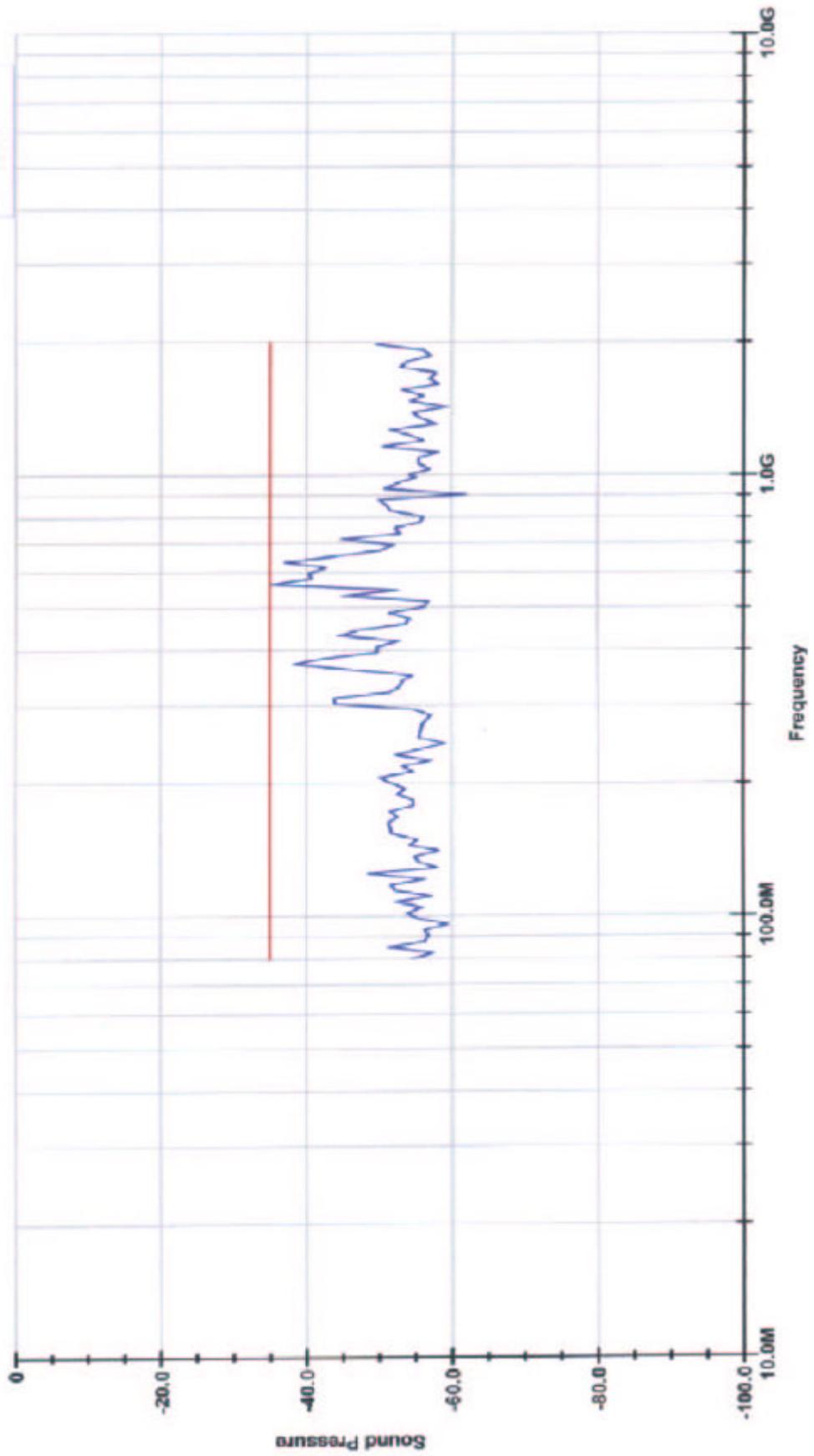
Manufacturer -

EUT - HS315-S1

Test Condition -

Operator - TERRY

Comment -



06:28:22 PM, Wednesday, July 19, 2006

### Radiated Immunity Test

Sound Pressure

DECT ERP Vert

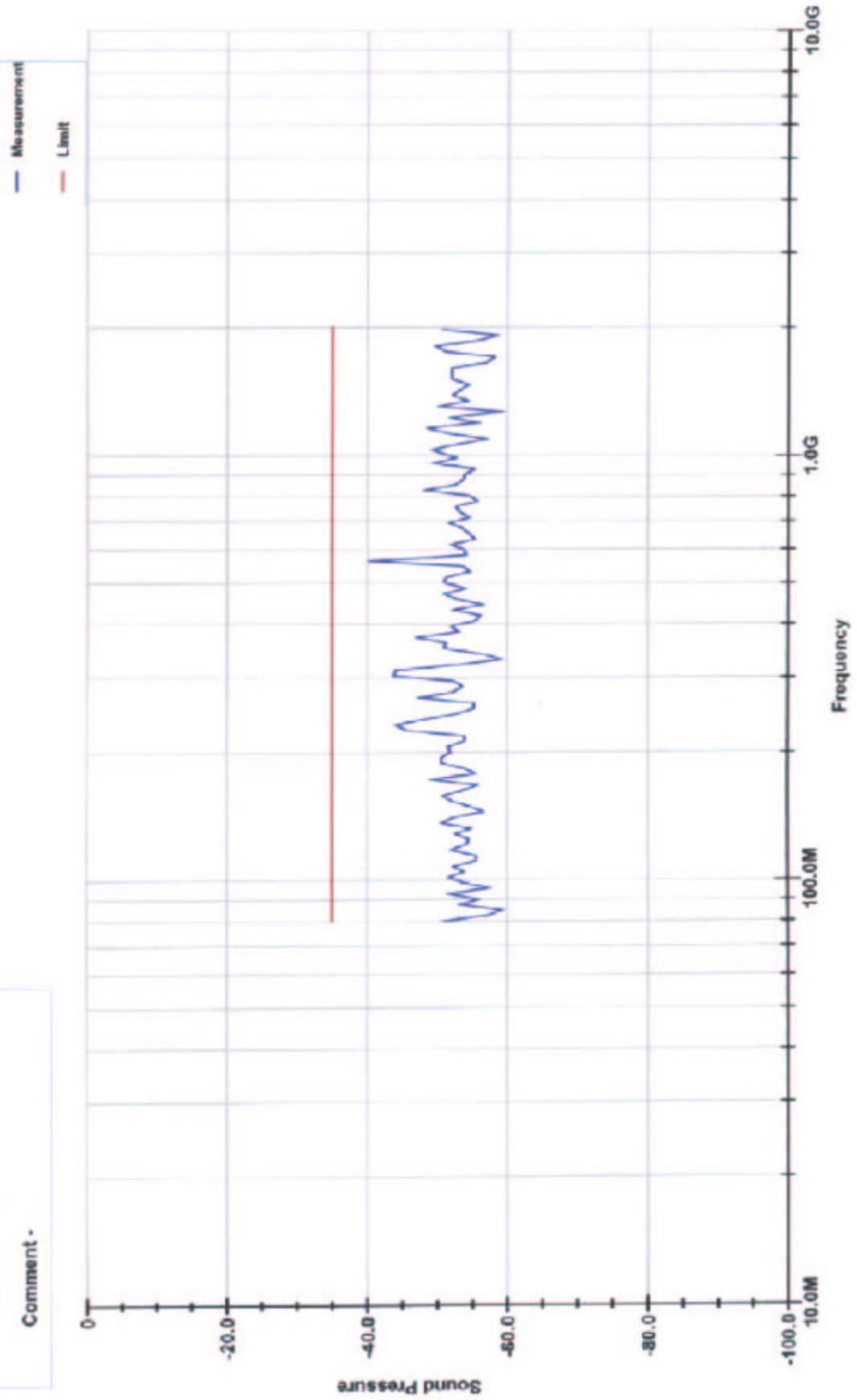
Manufacturer -

EUT - HS315-S1

Test Condition -

Operator - TERRY

Comment -



06:41:27 PM, Wednesday, July 19, 2006

### Radiated Immunity Test

Sound Pressure

DECT MRPP Hor

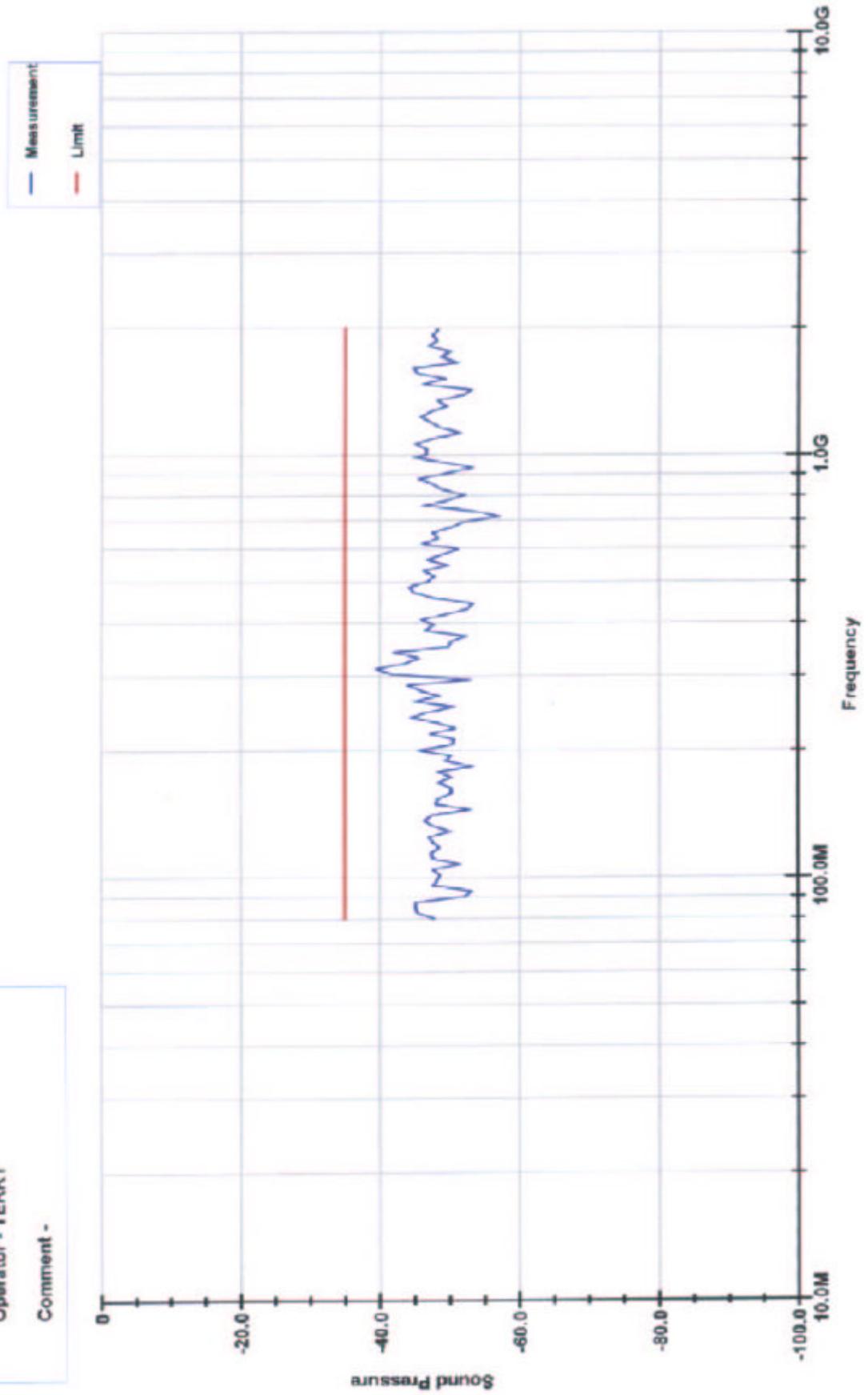
Manufacturer -

EUT - HS315-S1

Test Condition -

Operator - TERRY

Comment -



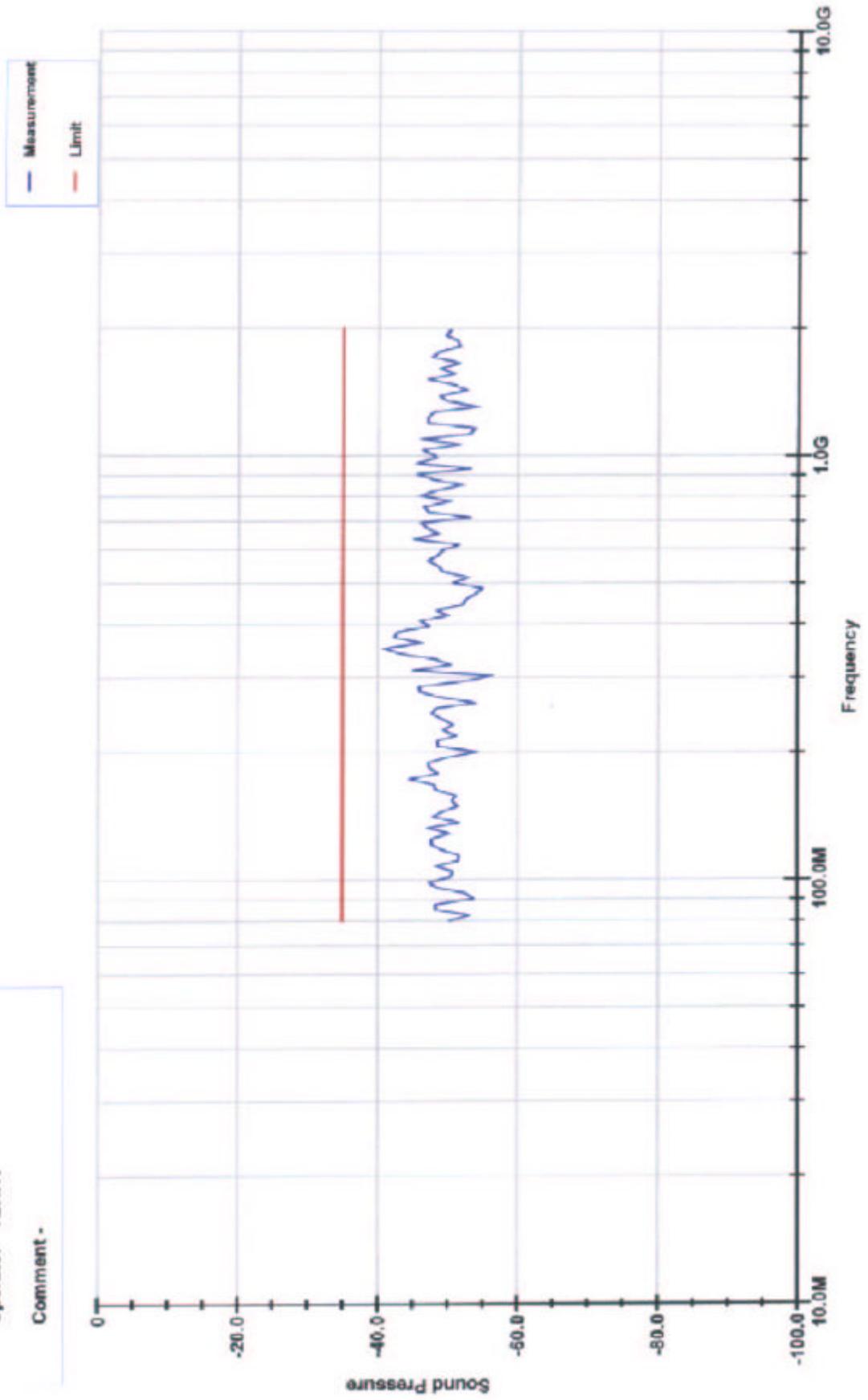
06:09:57 PM, Wednesday, July 19, 2006

### Radiated Immunity Test

Sound Pressure

DECT MRP Vert

Manufacturer -  
EUT - HS315-S1  
Test Condition -  
Operator - TERRY  
Comment -



05:56:57 PM, Wednesday, July 19, 2006