

**ENT****ELECTRO MAGNETIC TEST, INC.**

1547 Plymouth Street, Mountain View, CA 94043

Tel: (650) 965-4000 Fax: (650) 965-3000

REPORT NO.: M81201T1DATE: 12-1-98

FCC PART 68 (PARTIAL TESTING)  
MEASUREMENT FORMS  
FOR  
EVEREST / NETPHY-1 LT CARD REV. 3  
MODEL: EVEREST / NETPHY-1 LT  
(PCA MAGNETICS)

Prepared for  
ADVANCED MICRO DEVICES  
901 THOMPSON PL.  
SUNNYVALE, CA 94086-4518

TESTED BY: Kevin Bothmann  
KEVIN BOTHMANN

TEST SITE:  
ELECTRO MAGNETIC TEST, INC.  
1547 PLYMOUTH STREET  
MOUNTAIN VIEW, CALIFORNIA 94043  
TEL: (650) 965-4000  
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TEST DATES: 12-1-98**Do not duplicate this report except in full.****TOTAL PAGES: 7****FCC PART 68**

**ELECTRO MAGNETIC TEST, INC.**

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# **ELECTRO MAGNETIC TEST, INC.**

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## 68.302(d) Metallic Voltage Surge - Type A: (800 Volts, 100A, 10/560 uS.)

A metallic surge of each polarity was applied between TIP to RING, T1 to R1 and T/R to T1/R1 in the all operational states.

Note: Only type A surge was tested since the EUT was registered before the type B requirement became effective.

| LEADS     | ON-HOOK   |           | OFF-HOOK  |           |
|-----------|-----------|-----------|-----------|-----------|
|           | POS. POL. | NEG. POL. | POS. POL. | NEG. POL. |
| TIP-RING  | X         | X         | N/A       | N/A       |
| T1-R1     | N/A       | N/A       | ↓         | ↓         |
| T/R-T1/R1 | N/A       | N/A       | ↓         | ↓         |

Comments: NO DAMAGE

## 68.302(e)(2) Longitudinal Voltage Surge - Type A: (1500 Volts, 200A, 10/160 uS.)

A longitudinal surge of each polarity was applied between the following combinations in the all operational states.

Note: Only type A surge was tested since the EUT was registered before the type B requirement became effective.

| LEADS         | ON-HOOK   |           | OFF-HOOK  |           |
|---------------|-----------|-----------|-----------|-----------|
|               | POS. POL. | NEG. POL. | POS. POL. | NEG. POL. |
| TIP-GND       | X         | X         | N/A       | N/A       |
| RING-GND      | X         | X         | ↓         | ↓         |
| T/R-GND       | X         | X         | ↓         | ↓         |
| T1-GND        | N/A       | N/A       | ↓         | ↓         |
| R1-GND        | ↓         | ↓         | ↓         | ↓         |
| T1/R1-GND     | ↓         | ↓         | ↓         | ↓         |
| T/R/T1/R1-GND | ↓         | ↓         | ↓         | ↓         |

Comments: NO DAMAGE



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## **68.302(e)(3) Phase to Neutral Surge: (2500 V, 2/10 uS.)**

Three surges of each polarity were applied to the AC power line. If the EUT is not AC powered, then this test is not applicable and is indicated below.

\_\_\_\_\_ Surges applied.

☒ Not applicable to this unit.

Comments: NOT APPLICABLE

## **68.304 LEAKAGE CURRENT LIMITATIONS:**

| <u>POINTS</u>                 | <u>VOLTAGE</u> | <u>LEAKAGE<br/>CURRENT<br/>(BE) mA</u> | <u>LEAKAGE<br/>CURRENT<br/>(AE) mA</u> | <u>MAX.<br/>LIMIT</u> |
|-------------------------------|----------------|----------------------------------------|----------------------------------------|-----------------------|
| TIP & RING TO DATA CONNECTION | 1000 VAC       | 0.0                                    | 0.0                                    | 10 mA                 |
| TIP & RING TO CHASSIS         | 1000 VAC       | 0.0                                    | 0.0                                    | 10 mA                 |
| POWER LINE PLUG TO CHASSIS    | 1500 VAC       | N/A                                    | N/A                                    | 10 mA                 |

Comments: \_\_\_\_\_

Result: THE EUT MEETS THE REQUIREMENTS.

## **68.306 HAZARDOUS VOLTAGE LIMITATIONS:**

| <u>MEASUREMENT<br/>POINT</u> | <u>PEAK VOLTAGE<br/>BEFORE EXPOSURE</u> | <u>PEAK VOLTAGE<br/>AFTER EXPOSURE</u> | <u>MAX. LIMIT<br/>Vdc</u> |
|------------------------------|-----------------------------------------|----------------------------------------|---------------------------|
| TIP TO RING                  | 0.5 mV                                  | 0.5 mV                                 | 70                        |
| TIP TO GROUND                | 5.3 mV                                  | 5.4 mV                                 | 70                        |
| RING TO GROUND               | 5.4 mV                                  | 5.5 mV                                 | 70                        |

Comments: \_\_\_\_\_

Result: THE EUT MEETS THE REQUIREMENTS.



# **ELECTRO MAGNETIC TEST, INC.**

1547 Plymouth Street, Mountain View, CA 94043

Tel: (650) 965-4000 Fax: (650) 965-3000

68.308

**SIGNAL POWER LIMITATIONS:****METALLIC VOLTAGE:**

| <u>FREQ. BAND</u> | <u>TERMINATION</u> | <u>MEASUREMENT</u> | <u>MAX. LIMIT</u> |
|-------------------|--------------------|--------------------|-------------------|
| 200-4000 Hz       | 600 $\Omega$       | -73.4 dBm          | -9 dBm            |
| DTMF              | 600 $\Omega$       | N/A                | 0 dBm             |
| 3995-4005 Hz      | 600 $\Omega$       | -76.3 dBm          | -27 dBm           |
| 8 - 12 kHz        | 300 $\Omega$       | -76.4 dBv          | -17.8 to -20 dBV  |
| 12 - 90 kHz       | 135 $\Omega$       | -78.3 dBv          | -20 to -55 dBV    |
| 90 - 266 kHz      | 135 $\Omega$       | -62.2 dBV          | -55 dBV           |
| 270 kHz - 6 MHz   | 135 $\Omega$       | -15.2 dBV          | -15 dBV           |

68.308

**SIGNAL POWER LIMITATIONS:****LONGITUDINAL VOLTAGE:**

| <u>FREQ. BAND</u> | <u>TERMINATION</u><br>$\Omega$ | <u>MEASUREMENT</u><br>dBV | <u>MAX. LIMIT</u><br>dBV |
|-------------------|--------------------------------|---------------------------|--------------------------|
| 100 - 4000 Hz     | 500 $\Omega$                   | -75.5 dBv                 | -30                      |
| 8 - 12 kHz        | 500 $\Omega$                   | -77.2 dBv                 | -36.5 to -40             |
| 12 - 42 kHz       | 90 $\Omega$                    | -74.7 dBv                 | -40 to -62               |
| 42 - 266 kHz      | 90 $\Omega$                    | -69.3 dBv                 | -62                      |
| 270 kHz - 6 MHz   | 90 $\Omega$                    | -35.1 dBV                 | -30                      |

NOTE: (1) Added +3.1 dB correction factor for 100 - 4000 Hz band.

(2) Added +1.4 dB correction factor for 8 - 12 kHz band.

(3) Added +4.0 dB correction factor for 12 kHz - 6 MHz band.

Comments: EUT NEVER GOES OFF HOOK OR DIALS DTMF. READINGS TAKEN DURING DATA TRANSFER.Result: THE EUT MEETS THE REQUIREMENTS.



# **ELECTRO MAGNETIC TEST, INC.**

1547 Plymouth Street, Mountain View, CA 94043

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68.310

## **LONGITUDINAL BALANCE LIMITATIONS: (ON-HOOK)**

### **BEFORE SURGE:**

| <u>FREQUENCY</u> | <u>V<sub>m</sub></u>  | <u>V<sub>I</sub></u>   | <u>BALANCE</u> | <u>MIN. LIMIT</u> |
|------------------|-----------------------|------------------------|----------------|-------------------|
| <u>Hz</u>        | <u>V<sub>ac</sub></u> | <u>mV<sub>ac</sub></u> | <u>dB</u>      | <u>dB</u>         |
| 1000             | 1.47                  | 0.27                   | 74.7           | 60                |

### **AFTER SURGE:**

| <u>FREQUENCY</u> | <u>V<sub>m</sub></u>  | <u>V<sub>I</sub></u>   | <u>BALANCE</u> | <u>MIN. LIMIT</u> |
|------------------|-----------------------|------------------------|----------------|-------------------|
| <u>Hz</u>        | <u>V<sub>ac</sub></u> | <u>mV<sub>ac</sub></u> | <u>dB</u>      | <u>dB</u>         |
| 1000             | 1.47                  | 0.26                   | 75.0           | 60                |

68.312

## **ON-HOOK IMPEDANCE LIMITATIONS:**

The results shown are the worst case found when the DC voltage was varied from 0 to 100 Volts.

| MEASUREMENT<br><br>POINT | MIN.<br>LIMIT<br><br>(M Ohms) | MEASURED (uA) |      | CAL. RES.(M Ohms) |      |
|--------------------------|-------------------------------|---------------|------|-------------------|------|
|                          |                               | (BE)          | (AE) | (BE)              | (AE) |
| TIP - RING               | 5                             | 0.0           | 0.0  | >100              | >100 |
| TIP - GND                | 5                             | 0.0           | 0.0  | >100              | >100 |
| RING - GND               | 5                             | 0.0           | 0.0  | >100              | >100 |

The results shown are the worst case found when the DC voltage was varied from 100 to 200 Volts.

| MEASUREMENT<br><br>POINT | MIN.<br>LIMIT<br><br>(K Ohms) | MEASURED (uA) |      | CAL. RES.(M Ohms) |      |
|--------------------------|-------------------------------|---------------|------|-------------------|------|
|                          |                               | (BE)          | (AE) | (BE)              | (AE) |
| TIP - RING               | 30                            | 0.0           | 0.0  | >100              | >100 |
| TIP - GND                | 30                            | 0.0           | 0.0  | >100              | >100 |
| RING - GND               | 30                            | 0.0           | 0.0  | >100              | >100 |



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68.312

## ON-HOOK IMPEDANCE LIMITATIONS:

DC limit of 3.0 mA while ringing.

| APPLIED RINGING SIGNAL     | DC CURRENT (BE) | DC CURRENT (AE) | MAX. LIMIT |
|----------------------------|-----------------|-----------------|------------|
| 15.3 - 34 Hz, 40 - 130 Vac | 0.0 mA          | 0.0 mA          | 3 mA       |
| >34 - 49 Hz, 62 - 130 Vac  | 0.0 mA          | 0.0 mA          | 3 mA       |
| >49 - 68 Hz, 62 - 150 Vac  | 0.0 mA          | 0.0 mA          | 3 mA       |

## RINGER EQUIVALENCE NUMBER:

| FREQ. Hz | AC VOLTS | AC mA | RES. $\Omega$ | REN  |
|----------|----------|-------|---------------|------|
| 68       | 150      | 0.1   | 1500000       | 0.03 |

68.314

## BILLING PROTECTION:

BILLING DELAY (LIMIT 2 Sec. Min.): N/A

## ON-HOOK SIGNAL POWER:

| FREQ. BAND  | TERMINATION  | MEASUREMENT | MAX. LIMIT |
|-------------|--------------|-------------|------------|
| 100-4000 Hz | 600 $\Omega$ | -76.5       | -55 dBm    |

## LOOP CURRENT:

| MAX. CURRENT | MIN. CURRENT | % CHANGE | MAX. LIMIT |
|--------------|--------------|----------|------------|
| N/A          | N/A          | N/A      | 25 %       |

COMMENTS: THE EUT DOES NOT GO OFF HOOK AND DOES NOT ANSWER OR MAKE CALLS.

RESULTS: THE EUT MEETS THE REQUIREMENTS, HOWEVER ALL OF THE FCC PART 68 TESTS WERE NOT PERFORMED.

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REPORT NO.: M81202T1DATE: 12-2-98

FCC PART 68 (PARTIAL TESTING)  
MEASUREMENT FORMS  
FOR  
EVEREST / NETPHY-1 LT CARD REV. 3  
MODEL: EVEREST / NETPHY-1 LT  
(PULSE MAGNETICS)

Prepared for  
ADVANCED MICRO DEVICES  
901 THOMPSON PL.  
SUNNYVALE, CA 94086-4518

TESTED BY: Kevin Bothmann  
KEVIN BOTHMANN

TEST SITE:  
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TEST DATES: 12/1+2/98

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TOTAL PAGES: 7

FCC PART 68

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## 68.302(d) Metallic Voltage Surge - Type A: (800 Volts, 100A, 10/560 uS.)

A metallic surge of each polarity was applied between TIP to RING, T1 to R1 and T/R to T1/R1 in the all operational states.

Note: Only type A surge was tested since the EUT was registered before the type B requirement became effective.

| LEADS     | ON-HOOK   |           | OFF-HOOK  |           |
|-----------|-----------|-----------|-----------|-----------|
|           | POS. POL. | NEG. POL. | POS. POL. | NEG. POL. |
| TIP-RING  | X         | X         | N/A       | N/A       |
| T1-R1     | N/A       | N/A       | ↓         | ↓         |
| T/R-T1/R1 | N/A       | N/A       | ↓         | ↓         |

Comments: NO DAMAGE.

## 68.302(e)(2) Longitudinal Voltage Surge - Type A: (1500 Volts, 200A, 10/160 uS.)

A longitudinal surge of each polarity was applied between the following combinations in the all operational states.

Note: Only type A surge was tested since the EUT was registered before the type B requirement became effective.

| LEADS         | ON-HOOK   |           | OFF-HOOK  |           |
|---------------|-----------|-----------|-----------|-----------|
|               | POS. POL. | NEG. POL. | POS. POL. | NEG. POL. |
| TIP-GND       | X         | X         | N/A       | N/A       |
| RING-GND      | X         | X         | ↓         | ↓         |
| T/R-GND       | X         | X         | ↓         | ↓         |
| T1-GND        | N/A       | N/A       | ↓         | ↓         |
| R1-GND        | ↓         | ↓         | ↓         | ↓         |
| T1/R1-GND     | ↓         | ↓         | ↓         | ↓         |
| T/R/T1/R1-GND | ↓         | ↓         | ↓         | ↓         |

Comments: NO DAMAGE.

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**68.302(e)(3) Phase to Neutral Surge: (2500 V, 2/10 uS.)**

Three surges of each polarity were applied to the AC power line. If the EUT is not AC powered, then this test is not applicable and is indicated below.

\_\_\_\_\_ Surges applied.

X Not applicable to this unit.

Comments: NOT APPLICABLE.

**68.304 LEAKAGE CURRENT LIMITATIONS:**

| <u>POINTS</u>                 | <u>VOLTAGE</u> | <u>LEAKAGE<br/>CURRENT<br/>(BE) mA</u> | <u>LEAKAGE<br/>CURRENT<br/>(AE) mA</u> | <u>MAX.<br/>LIMIT</u> |
|-------------------------------|----------------|----------------------------------------|----------------------------------------|-----------------------|
| TIP & RING TO DATA CONNECTION | 1000 VAC       | 0.0                                    | 0.0                                    | 10 mA                 |
| TIP & RING TO CHASSIS         | 1000 VAC       | 0.0                                    | 0.0                                    | 10 mA                 |
| POWER LINE PLUG TO CHASSIS    | 1500 VAC       | N/A                                    | N/A                                    | 10 mA                 |

Comments: \_\_\_\_\_

Result: THE EUT MEETS THE REQUIREMENTS.

**68.306 HAZARDOUS VOLTAGE LIMITATIONS:**

| <u>MEASUREMENT<br/>POINT</u> | <u>PEAK VOLTAGE<br/>BEFORE EXPOSURE</u> | <u>PEAK VOLTAGE<br/>AFTER EXPOSURE</u> | <u>MAX. LIMIT<br/>Vdc</u> |
|------------------------------|-----------------------------------------|----------------------------------------|---------------------------|
| TIP TO RING                  | 0.4mV                                   | 0.4mV                                  | 70                        |
| TIP TO GROUND                | 5.1mV                                   | 5.3mV                                  | 70                        |
| RING TO GROUND               | 5.2mV                                   | 5.3mV                                  | 70                        |

Comments: \_\_\_\_\_

Result: THE EUT MEETS THE REQUIREMENTS.



# ELECTRO MAGNETIC TEST, INC.

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68.308

## SIGNAL POWER LIMITATIONS:

### METALLIC VOLTAGE:

| <u>FREQ. BAND</u> | <u>TERMINATION</u> | <u>MEASUREMENT</u> | <u>MAX. LIMIT</u> |
|-------------------|--------------------|--------------------|-------------------|
| 200-4000 Hz       | 600 $\Omega$       | -76.2 dBm          | -9 dBm            |
| DTMF              | 600 $\Omega$       | N/A                | 0 dBm             |
| 3995-4005 Hz      | 600 $\Omega$       | -76.4 dBm          | -27 dBm           |
| 8 - 12 kHz        | 300 $\Omega$       | -78.6 dBV          | -17.8 to -20 dBV  |
| 12 - 90 kHz       | 135 $\Omega$       | -78.7 dBV          | -20 to -55 dBV    |
| 90 - 266 kHz      | 135 $\Omega$       | -68.4 dBV          | -55 dBV           |
| 270 kHz - 6 MHz   | 135 $\Omega$       | -18.2 dBV          | -15 dBV           |

68.308

## SIGNAL POWER LIMITATIONS:

### LONGITUDINAL VOLTAGE:

| <u>FREQ. BAND</u> | <u>TERMINATION</u><br>$\Omega$ | <u>MEASUREMENT</u><br>dBV | <u>MAX. LIMIT</u><br>dBV |
|-------------------|--------------------------------|---------------------------|--------------------------|
| 100 - 4000 Hz     | 500 $\Omega$                   | -75.5                     | -30                      |
| 8 - 12 kHz        | 500 $\Omega$                   | -77.3                     | -36.5 to -40             |
| 12 - 42 kHz       | 90 $\Omega$                    | -74.7                     | -40 to -62               |
| 42 - 266 kHz      | 90 $\Omega$                    | -69.5                     | -62                      |
| 270 kHz - 6 MHz   | 90 $\Omega$                    | -38.4                     | -30                      |

NOTE: (1) Added +3.1 dB correction factor for 100 - 4000 Hz band.

(2) Added +1.4 dB correction factor for 8 - 12 kHz band.

(3) Added +4.0 dB correction factor for 12 kHz - 6 MHz band.

Comments: EUT NEVER GOES OFF HOOK OR DIALS DTMF. READINGS TAKEN DURING DATA TRANSFER.

Result: THE EUT MEETS THE REQUIREMENTS.



# **ELECTRO MAGNETIC TEST, INC.**

1547 Plymouth Street, Mountain View, CA 94043

Tel: (650) 965-4000 Fax: (650) 965-3000

68.310

## **LONGITUDINAL BALANCE LIMITATIONS: (ON-HOOK)**

### **BEFORE SURGE:**

| <u>FREQUENCY</u> | <u>V<sub>m</sub></u>  | <u>V<sub>l</sub></u>   | <u>BALANCE</u> | <u>MIN. LIMIT</u> |
|------------------|-----------------------|------------------------|----------------|-------------------|
| <u>Hz</u>        | <u>V<sub>ac</sub></u> | <u>mV<sub>ac</sub></u> | <u>dB</u>      | <u>dB</u>         |
| 1000             | 1.47                  | 0.27                   | 74.7           | 60                |

### **AFTER SURGE:**

| <u>FREQUENCY</u> | <u>V<sub>m</sub></u>  | <u>V<sub>l</sub></u>   | <u>BALANCE</u> | <u>MIN. LIMIT</u> |
|------------------|-----------------------|------------------------|----------------|-------------------|
| <u>Hz</u>        | <u>V<sub>ac</sub></u> | <u>mV<sub>ac</sub></u> | <u>dB</u>      | <u>dB</u>         |
| 1000             | 1.48                  | 0.27                   | 74.8           | 60                |

68.312

## **ON-HOOK IMPEDANCE LIMITATIONS:**

The results shown are the worst case found when the DC voltage was varied from 0 to 100 Volts.

| MEASUREMENT | MIN. LIMIT | MEASURED (uA) |      | CAL. RES.(M Ohms) |      |
|-------------|------------|---------------|------|-------------------|------|
| POINT       | (M Ohms)   | (BE)          | (AE) | (BE)              | (AE) |
| TIP - RING  | 5          | 0.0           | 0.0  | >100              | >100 |
| TIP - GND   | 5          | 0.0           | 0.0  | >100              | >100 |
| RING - GND  | 5          | 0.0           | 0.0  | >100              | >100 |

The results shown are the worst case found when the DC voltage was varied from 100 to 200 Volts.

| MEASUREMENT | MIN. LIMIT | MEASURED (uA) |      | CAL. RES.(M Ohms) |      |
|-------------|------------|---------------|------|-------------------|------|
| POINT       | (K Ohms)   | (BE)          | (AE) | (BE)              | (AE) |
| TIP - RING  | 30         | 0.0           | 0.0  | >100              | >100 |
| TIP - GND   | 30         | 0.0           | 0.0  | >100              | >100 |
| RING - GND  | 30         | 0.0           | 0.0  | >100              | >100 |



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68.312

## ON-HOOK IMPEDANCE LIMITATIONS:

DC limit of 3.0 mA while ringing.

| APPLIED RINGING SIGNAL     | DC CURRENT (BE) | DC CURRENT (AE) | MAX. LIMIT |
|----------------------------|-----------------|-----------------|------------|
| 15.3 - 34 Hz, 40 - 130 Vac | 0.0             | 0.0             | 3 mA       |
| >34 - 49 Hz, 62 - 130 Vac  | 0.0             | 0.0             | 3 mA       |
| >49 - 68 Hz, 62 - 150 Vac  | 0.0             | 0.0             | 3 mA       |

## RINGER EQUIVALENCE NUMBER:

| FREQ. Hz | AC VOLTS | AC mA | RES. $\Omega$ | REN  |
|----------|----------|-------|---------------|------|
| 68       | 150      | 0.1   | 1500000       | 0.08 |

68.314

## BILLING PROTECTION:

BILLING DELAY (LIMIT 2 Sec. Min.): N/A

## ON-HOOK SIGNAL POWER:

| FREQ. BAND  | TERMINATION  | MEASUREMENT | MAX. LIMIT |
|-------------|--------------|-------------|------------|
| 100-4000 Hz | 600 $\Omega$ | -76.5       | -55 dBm    |

## LOOP CURRENT:

| MAX. CURRENT | MIN. CURRENT | % CHANGE | MAX. LIMIT |
|--------------|--------------|----------|------------|
| N/A          | N/A          | N/A      | 25 %       |

COMMENTS: THE EUT DOES NOT GO OFF HOOK AND  
DOES NOT ANSWER OR MAKE CALLS.

RESULTS: THE EUT MEETS THE REQUIREMENTS,  
HOWEVER ALL OF THE PART 68 TESTS WERE  
NOT PERFORMED.

Electro Magnetic Test, Inc.

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Radiated Emissions Test Data

Purpose of Test: ☐ QUALIFICATION ☒ ENGINEERING ☐ MANUFACTURING AUDIT  
FCC Class B Test Date: 12-2-98  
Company Name: AMD  
EUT Model Number: EVEREST/NETPHY-1LT CARD REV.3  
EUT Serial Number: N/A  
EUT Description: EVEREST CARD

Test Setup Configuration  
(10MB)

TRANSFORMER; PULSE ENGINEERING  
-SIGNAL GROUND AND CHASSIS GROUND TIED TOGETHER

EUT Clock Speeds: 20MHz

EUT Power Cords: ☐ SHIELDED ☒ NOT SHIELDED  
EUT tested at: ☐ LOW SPEED ☐ HIGH SPEED  
EUT is: ☒ IN COMPLIANCE ☐ OUT OF COMPLIANCE with FCC Class B.

EUT Modifications during this test:  
☐ MODIFIED ☐ NOT MODIFIED

Modifications: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

NOTE: A formal report on passing data will be generated when required.  
Design, debug and consultation services are available at all times.

Test Engineer: Neelesh Raj (NEELESH RAJ)

FCC Class B                      Test Date: 12-2-98  
 Company Name:                    AMD  
 EUT Model Number:              EVEREST/NETPHY-1LT CARD REV.3  
 EUT Description:                EVEREST CARD

## RADIATED EMISSION TEST RESULTS

| Freq<br>MHz           | Ampl<br>dBuV | M  | P  | A  | Ht<br>m | Dist<br>m | Ori<br>deg | Gain<br>dB | ACor<br>dBuV/m | CCor<br>dB | DCor<br>dB | CorAmp<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Flags<br>FH--- |
|-----------------------|--------------|----|----|----|---------|-----------|------------|------------|----------------|------------|------------|------------------|-----------------|--------------|----------------|
| =====                 | =====        | == | == | == | =====   | =====     | =====      | =====      | =====          | =====      | =====      | =====            | =====           | =====        | =====          |
| VERTICAL POLARIZATION |              |    |    |    |         |           |            |            |                |            |            |                  |                 |              |                |
| 40.001                | 34.2         | P  | V  | B  | 1.0     | 3.0       | 270        | 21.7       | 10.3           | 1.0        | 0.0        | 23.8             | 40.0            | -16.2        | -----          |
| 140.005               | 28.7         | P  | V  | B  | 1.5     | 3.0       | 225        | 21.6       | 12.0           | 1.9        | 0.0        | 21.0             | 43.5            | -22.5        | -----          |
| 160.036               | 32.5         | P  | V  | B  | 1.0     | 3.0       | 135        | 21.6       | 13.0           | 2.0        | 0.0        | 25.9             | 43.5            | -17.6        | -----          |
| 240.056               | 31.4         | P  | V  | B  | 2.0     | 3.0       | 180        | 21.4       | 17.4           | 2.4        | 0.0        | 29.8             | 46.0            | -16.2        | -----          |
| 280.031               | 28.6         | P  | V  | B  | 2.0     | 3.0       | 135        | 21.4       | 20.2           | 2.6        | 0.0        | 30.0             | 46.0            | -16.0        | -----          |
| 300.000               | 35.1         | P  | V  | L  | 1.5     | 3.0       | 315        | 21.4       | 13.4           | 2.8        | 0.0        | 29.9             | 46.0            | -16.1        | -----          |
| 319.992               | 35.7         | P  | V  | L  | 2.0     | 3.0       | 270        | 21.4       | 14.0           | 2.8        | 0.0        | 31.1             | 46.0            | -14.9        | -----          |
| 340.019               | 37.5         | P  | V  | L  | 1.0     | 3.0       | 270        | 21.5       | 14.6           | 2.9        | 0.0        | 33.5             | 46.0            | -12.5        | -----          |
| 360.035               | 34.1         | P  | V  | L  | 1.0     | 3.0       | 0          | 21.5       | 15.0           | 2.9        | 0.0        | 30.5             | 46.0            | -15.5        | -----          |
| 379.987               | 44.1         | P  | V  | L  | 2.0     | 3.0       | 0          | 21.4       | 15.1           | 3.0        | 0.0        | 40.8             | 46.0            | -5.2         | -----          |
| 399.996               | 39.6         | P  | V  | L  | 1.0     | 3.0       | 180        | 21.4       | 15.2           | 3.1        | 0.0        | 36.5             | 46.0            | -9.5         | -----          |
| 420.003               | 41.0         | P  | V  | L  | 2.0     | 3.0       | 0          | 21.3       | 15.9           | 3.2        | 0.0        | 38.8             | 46.0            | -7.2         | -----          |
| 439.999               | 36.4         | P  | V  | L  | 1.0     | 3.0       | 180        | 21.2       | 16.6           | 3.3        | 0.0        | 35.1             | 46.0            | -10.9        | -----          |
| 459.996               | 39.0         | P  | V  | L  | 1.0     | 3.0       | 0          | 21.2       | 16.9           | 3.4        | 0.0        | 38.1             | 46.0            | -7.9         | -----          |
| 480.039               | 32.1         | P  | V  | L  | 1.0     | 3.0       | 135        | 21.3       | 16.8           | 3.5        | 0.0        | 31.1             | 46.0            | -14.9        | -----          |
| 540.001               | 35.2         | P  | V  | L  | 1.5     | 3.0       | 270        | 21.3       | 17.0           | 3.7        | 0.0        | 34.6             | 46.0            | -11.4        | -----          |
| 600.000               | 35.2         | P  | V  | L  | 1.0     | 3.0       | 90         | 21.2       | 19.1           | 4.0        | 0.0        | 37.1             | 46.0            | -8.9         | -----          |
| 660.005               | 31.7         | P  | V  | L  | 1.5     | 3.0       | 180        | 20.6       | 20.4           | 4.0        | 0.0        | 35.5             | 46.0            | -10.5        | -----          |
| 720.053               | 27.6         | P  | V  | L  | 1.0     | 3.0       | 135        | 21.0       | 20.3           | 4.3        | 0.0        | 31.2             | 46.0            | -14.8        | -----          |
| 739.995               | 32.5         | P  | V  | L  | 1.0     | 3.0       | 45         | 21.1       | 20.8           | 4.4        | 0.0        | 36.6             | 46.0            | -9.4         | -----          |
| 780.033               | 29.2         | P  | V  | L  | 1.0     | 3.0       | 180        | 20.5       | 20.9           | 4.6        | 0.0        | 34.2             | 46.0            | -11.8        | -----          |
| 900.007               | 32.6         | P  | V  | L  | 1.0     | 3.0       | 45         | 20.7       | 22.9           | 5.0        | 0.0        | 39.8             | 46.0            | -6.2         | -----          |
| 920.031               | 29.2         | P  | V  | L  | 1.0     | 3.0       | 180        | 20.5       | 23.0           | 5.1        | 0.0        | 36.8             | 46.0            | -9.2         | ---            |

## HORIZONTAL POLARIZATION

|         |      |   |   |   |     |     |     |      |      |     |     |      |      |       |       |
|---------|------|---|---|---|-----|-----|-----|------|------|-----|-----|------|------|-------|-------|
| 40.002  | 33.1 | P | H | B | 1.0 | 3.0 | 225 | 21.7 | 10.3 | 1.0 | 0.0 | 22.7 | 40.0 | -17.3 | ----- |
| 140.002 | 34.9 | P | H | B | 1.0 | 3.0 | 225 | 21.6 | 12.0 | 1.9 | 0.0 | 27.2 | 43.5 | -16.3 | ----- |
| 240.052 | 35.3 | P | H | B | 1.0 | 3.0 | 225 | 21.4 | 17.4 | 2.4 | 0.0 | 33.7 | 46.0 | -12.3 | ----- |
| 280.032 | 30.4 | P | H | B | 2.0 | 3.0 | 315 | 21.4 | 20.2 | 2.6 | 0.0 | 31.8 | 46.0 | -14.2 | ----- |
| 300.016 | 40.9 | P | H | L | 1.0 | 3.0 | 90  | 21.4 | 13.4 | 2.8 | 0.0 | 35.7 | 46.0 | -10.3 | ----- |
| 320.001 | 32.7 | P | H | L | 1.0 | 3.0 | 45  | 21.4 | 14.0 | 2.8 | 0.0 | 28.1 | 46.0 | -17.9 | ----- |
| 339.998 | 36.3 | P | H | L | 1.0 | 3.0 | 180 | 21.5 | 14.6 | 2.9 | 0.0 | 32.3 | 46.0 | -13.7 | ----- |
| 360.036 | 46.0 | P | H | L | 1.0 | 3.0 | 45  | 21.5 | 15.0 | 2.9 | 0.0 | 42.4 | 46.0 | -3.6  | ----- |
| 360.036 | 45.8 | Q | H | L | 1.0 | 3.0 | 45  | 21.5 | 15.0 | 2.9 | 0.0 | 42.2 | 46.0 | -3.8  | ----- |
| 380.001 | 48.1 | P | H | L | 1.0 | 3.0 | 90  | 21.4 | 15.1 | 3.0 | 0.0 | 44.8 | 46.0 | -1.2  | ----- |
| 380.001 | 47.4 | Q | H | L | 1.0 | 3.0 | 90  | 21.4 | 15.1 | 3.0 | 0.0 | 44.1 | 46.0 | -1.9  | ----- |
| 399.998 | 37.4 | P | H | L | 1.0 | 3.0 | 270 | 21.4 | 15.2 | 3.1 | 0.0 | 34.3 | 46.0 | -11.7 | ----- |
| 419.998 | 43.0 | P | H | L | 1.0 | 3.0 | 45  | 21.3 | 15.9 | 3.2 | 0.0 | 40.8 | 46.0 | -5.2  | ----- |
| 460.005 | 36.7 | P | H | L | 1.0 | 3.0 | 315 | 21.2 | 16.9 | 3.4 | 0.0 | 35.8 | 46.0 | -10.2 | ----- |
| 500.008 | 39.4 | P | H | L | 1.0 | 3.0 | 45  | 21.3 | 16.8 | 3.5 | 0.0 | 38.4 | 46.0 | -7.6  | ----- |
| 540.010 | 37.2 | P | H | L | 1.0 | 3.0 | 180 | 21.3 | 17.0 | 3.7 | 0.0 | 36.6 | 46.0 | -9.4  | ----- |
| 600.034 | 32.7 | P | H | L | 1.0 | 3.0 | 45  | 21.2 | 19.1 | 4.0 | 0.0 | 34.6 | 46.0 | -11.4 | ----- |
| 660.022 | 33.7 | P | H | L | 2.0 | 3.0 | 225 | 20.6 | 20.4 | 4.0 | 0.0 | 37.5 | 46.0 | -8.5  | ----- |
| 700.022 | 30.0 | P | H | L | 1.5 | 3.0 | 90  | 20.8 | 19.8 | 4.2 | 0.0 | 33.2 | 46.0 | -12.8 | ----- |
| 740.037 | 26.9 | P | H | L | 1.5 | 3.0 | 135 | 21.1 | 20.8 | 4.4 | 0.0 | 31.0 | 46.0 | -15.0 | ----- |
| 780.023 | 27.0 | P | H | L | 1.5 | 3.0 | 90  | 20.5 | 20.9 | 4.6 | 0.0 | 32.0 | 46.0 | -14.0 | ----- |
| 900.013 | 32.3 | P | H | L | 1.5 | 3.0 | 180 | 20.7 | 22.9 | 5.0 | 0.0 | 39.5 | 46.0 | -6.5  | ----- |
| 920.022 | 28.0 | P | H | L | 1.5 | 3.0 | 45  | 20.5 | 23.0 | 5.1 | 0.0 | 35.6 | 46.0 | -10.4 | ----- |

Electro Magnetic Test, Inc.  
1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

Radiated Emissions Test Data

Purpose of Test: ☐ QUALIFICATION ☒ ENGINEERING ☐ MANUFACTURING AUDIT  
FCC Class B Test Date: 11-30-98  
Company Name: AMD  
EUT Model Number: EVEREST/NETPHY-1LT CARD REV.3  
EUT Serial Number: N/A  
EUT Description: EVEREST CARD

Test Setup Configuration  
(10MB)  
TRANSFORMER: PULSE ENGINEERING

EUT Clock Speeds: 20MHz

EUT Power Cords: ☐ SHIELDED ☒ NOT SHIELDED  
EUT tested at: ☐ LOW SPEED ☐ HIGH SPEED  
EUT is: ☒ IN COMPLIANCE ☐ OUT OF COMPLIANCE with FCC Class B.

EUT Modifications during this test:  
☐ MODIFIED ☒ NOT MODIFIED

Modifications: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

NOTE: A formal report on passing data will be generated when required.  
Design, debug and consultation services are available at all times.

Test Engineer: KIM PHILLIPS



FCC Class B                      Test Date: 11-30-98  
 Company Name:                    AMD  
 EUT Model Number:               EVEREST/NETPHY-1LT CARD REV.3  
 EUT Description:                  EVEREST CARD

## RADIATED EMISSION TEST RESULTS

| Freq<br>MHz | Ampl<br>dBuV | M | P | A | Ht<br>m | Dist<br>m | Ori<br>deg | Gain<br>dB | ACor<br>dBuV/m | CCor<br>dB | DCor<br>dB | CorAmp<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Flags<br>FH--- |
|-------------|--------------|---|---|---|---------|-----------|------------|------------|----------------|------------|------------|------------------|-----------------|--------------|----------------|
| 39.999      | 31.5         | P | V | B | 1.0     | 3.0       | 315        | 21.7       | 10.3           | 1.0        | 0.0        | 21.1             | 40.0            | -18.9        | -----          |
| 139.998     | 31.7         | P | V | B | 1.0     | 3.0       | 0          | 21.6       | 12.0           | 1.9        | 0.0        | 24.0             | 43.5            | -19.5        | -----          |
| 159.997     | 32.9         | P | V | B | 1.0     | 3.0       | 45         | 21.6       | 13.0           | 2.0        | 0.0        | 26.3             | 43.5            | -17.2        | -----          |
| 230.609     | 39.3         | P | V | B | 1.0     | 3.0       | 135        | 21.3       | 16.8           | 2.3        | 0.0        | 37.1             | 46.0            | -8.9         | -----          |
| 240.004     | 32.8         | P | V | B | 1.0     | 3.0       | 315        | 21.4       | 17.4           | 2.4        | 0.0        | 31.2             | 46.0            | -14.8        | -----          |
| 39.970      | 32.4         | P | H | B | 1.5     | 3.0       | 225        | 21.7       | 10.3           | 1.0        | 0.0        | 22.0             | 40.0            | -18.0        | -----          |
| 140.015     | 30.6         | P | H | B | 1.5     | 3.0       | 180        | 21.6       | 12.0           | 1.9        | 0.0        | 22.9             | 43.5            | -20.6        | -----          |
| 230.545     | 37.1         | P | H | B | 1.5     | 3.0       | 135        | 21.3       | 16.8           | 2.3        | 0.0        | 34.9             | 46.0            | -11.1        | -----          |
| 233.007     | 36.0         | P | H | B | 1.5     | 3.0       | 135        | 21.3       | 16.9           | 2.3        | 0.0        | 33.9             | 46.0            | -12.1        | -----          |
| 240.011     | 29.6         | P | H | B | 2.0     | 3.0       | 180        | 21.4       | 17.4           | 2.4        | 0.0        | 28.0             | 46.0            | -18.0        | -----          |
| 296.485     | 37.1         | P | H | B | 2.0     | 3.0       | 45         | 21.4       | 21.3           | 2.8        | 0.0        | 39.8             | 46.0            | -6.2         | -----          |
| 300.005     | 42.1         | P | V | L | 1.0     | 3.0       | 180        | 21.4       | 13.4           | 2.8        | 0.0        | 36.9             | 46.0            | -9.1         | -----          |
| 324.991     | 36.3         | P | V | L | 1.0     | 3.0       | 135        | 21.4       | 14.1           | 2.8        | 0.0        | 31.8             | 46.0            | -14.2        | -----          |
| 340.002     | 40.8         | P | V | L | 1.0     | 3.0       | 315        | 21.5       | 14.6           | 2.9        | 0.0        | 36.8             | 46.0            | -9.2         | -----          |
| 349.619     | 36.6         | P | V | L | 1.0     | 3.0       | 180        | 21.5       | 14.9           | 2.9        | 0.0        | 32.9             | 46.0            | -13.1        | -----          |
| 350.003     | 38.7         | P | V | L | 1.0     | 3.0       | 180        | 21.5       | 14.9           | 2.9        | 0.0        | 35.0             | 46.0            | -11.0        | -----          |
| 362.290     | 40.0         | P | V | L | 1.0     | 3.0       | 180        | 21.5       | 15.0           | 2.9        | 0.0        | 36.4             | 46.0            | -9.6         | -----          |
| 366.173     | 38.2         | P | V | L | 1.0     | 3.0       | 180        | 21.5       | 15.0           | 3.0        | 0.0        | 34.7             | 46.0            | -11.3        | -----          |
| 399.996     | 35.0         | P | V | L | 1.0     | 3.0       | 180        | 21.4       | 15.2           | 3.1        | 0.0        | 31.9             | 46.0            | -14.1        | -----          |
| 480.011     | 32.3         | P | V | L | 1.0     | 3.0       | 225        | 21.3       | 16.8           | 3.5        | 0.0        | 31.3             | 46.0            | -14.7        | -----          |
| 498.869     | 37.9         | P | V | L | 1.0     | 3.0       | 90         | 21.3       | 16.8           | 3.5        | 0.0        | 36.9             | 46.0            | -9.1         | -----          |
| 500.003     | 43.7         | P | V | L | 1.0     | 3.0       | 180        | 21.3       | 16.8           | 3.5        | 0.0        | 42.7             | 46.0            | -3.3         | -----          |
| 540.004     | 41.2         | P | V | L | 1.0     | 3.0       | 180        | 21.3       | 17.0           | 3.7        | 0.0        | 40.6             | 46.0            | -5.4         | -----          |
| 560.002     | 34.9         | P | V | L | 1.0     | 3.0       | 180        | 21.3       | 17.4           | 3.8        | 0.0        | 34.8             | 46.0            | -11.2        | -----          |
| 660.018     | 28.9         | P | V | L | 1.0     | 3.0       | 180        | 20.6       | 20.4           | 4.0        | 0.0        | 32.7             | 46.0            | -13.3        | -----          |
| 740.032     | 29.2         | P | V | L | 1.0     | 3.0       | 0          | 21.1       | 20.8           | 4.4        | 0.0        | 33.3             | 46.0            | -12.7        | -----          |
| 780.030     | 31.0         | P | V | L | 1.0     | 3.0       | 0          | 20.5       | 20.9           | 4.6        | 0.0        | 36.0             | 46.0            | -10.0        | -----          |
| 800.007     | 34.0         | P | V | L | 1.0     | 3.0       | 315        | 20.0       | 20.9           | 4.7        | 0.0        | 39.6             | 46.0            | -6.4         | -----          |
| 900.018     | 30.5         | P | V | L | 1.0     | 3.0       | 45         | 20.7       | 22.9           | 5.0        | 0.0        | 37.7             | 46.0            | -8.3         | -----          |
| 300.011     | 32.9         | P | H | L | 2.0     | 3.0       | 0          | 21.4       | 13.4           | 2.8        | 0.0        | 27.7             | 46.0            | -18.3        | -----          |
| 324.994     | 30.6         | P | H | L | 2.0     | 3.0       | 315        | 21.4       | 14.1           | 2.8        | 0.0        | 26.1             | 46.0            | -19.9        | -----          |
| 339.994     | 39.2         | P | H | L | 2.0     | 3.0       | 315        | 21.5       | 14.6           | 2.9        | 0.0        | 35.2             | 46.0            | -10.8        | -----          |
| 350.002     | 37.7         | P | H | L | 2.0     | 3.0       | 45         | 21.5       | 14.9           | 2.9        | 0.0        | 34.0             | 46.0            | -12.0        | -----          |
| 360.031     | 37.3         | P | H | L | 2.0     | 3.0       | 45         | 21.5       | 15.0           | 2.9        | 0.0        | 33.7             | 46.0            | -12.3        | -----          |
| 362.258     | 43.9         | P | H | L | 2.0     | 3.0       | 180        | 21.5       | 15.0           | 2.9        | 0.0        | 40.3             | 46.0            | -5.7         | -----          |
| 366.152     | 44.0         | P | H | L | 2.0     | 3.0       | 180        | 21.5       | 15.0           | 3.0        | 0.0        | 40.5             | 46.0            | -5.5         | -----          |
| 399.995     | 36.8         | P | H | L | 2.0     | 3.0       | 180        | 21.4       | 15.2           | 3.1        | 0.0        | 33.7             | 46.0            | -12.3        | -----          |
| 480.102     | 31.0         | P | H | L | 2.0     | 3.0       | 180        | 21.3       | 16.8           | 3.5        | 0.0        | 30.0             | 46.0            | -16.0        | -----          |
| 498.859     | 38.9         | P | H | L | 2.0     | 3.0       | 90         | 21.3       | 16.8           | 3.5        | 0.0        | 37.9             | 46.0            | -8.1         | -----          |
| 500.000     | 36.1         | P | H | L | 2.0     | 3.0       | 90         | 21.3       | 16.8           | 3.5        | 0.0        | 35.1             | 46.0            | -10.9        | -----          |
| 540.002     | 35.5         | P | H | L | 2.0     | 3.0       | 45         | 21.3       | 17.0           | 3.7        | 0.0        | 34.9             | 46.0            | -11.1        | -----          |
| 560.007     | 30.4         | P | H | L | 2.0     | 3.0       | 180        | 21.3       | 17.4           | 3.8        | 0.0        | 30.3             | 46.0            | -15.7        | -----          |
| 660.007     | 28.9         | P | H | L | 2.0     | 3.0       | 180        | 20.6       | 20.4           | 4.0        | 0.0        | 32.7             | 46.0            | -13.3        | -----          |
| 740.016     | 27.5         | P | H | L | 2.5     | 3.0       | 135        | 21.1       | 20.8           | 4.4        | 0.0        | 31.6             | 46.0            | -14.4        | -----          |
| 800.032     | 30.1         | P | H | L | 2.5     | 3.0       | 135        | 20.0       | 20.9           | 4.7        | 0.0        | 35.7             | 46.0            | -10.3        | -----          |
| 900.020     | 28.6         | P | H | L | 2.5     | 3.0       | 180        | 20.7       | 22.9           | 5.0        | 0.0        | 35.8             | 46.0            | -10.2        | -----          |

Radiated Emissions Test Data

Purpose of Test: ☐ QUALIFICATION ☒ ENGINEERING ☐ MANUFACTURING AUDIT  
FCC Class B Test Date: 11-30-98  
Company Name: AMD  
EUT Model Number: EVEREST/NETPHY-1LT CARD REV.3  
EUT Serial Number: N/A  
EUT Description: EVEREST CARD

Test Setup Configuration  
(10MB)  
TRANSFORMER: PCA

EUT Clock Speeds: 20MHz

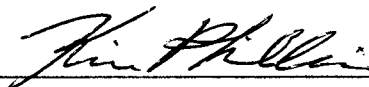
EUT Power Cords: ☐ SHIELDED ☒ NOT SHIELDED  
EUT tested at: ☐ LOW SPEED ☐ HIGH SPEED  
EUT is: ☒ IN COMPLIANCE ☐ OUT OF COMPLIANCE with FCC Class B.

EUT Modifications during this test:  
☐ MODIFIED ☒ NOT MODIFIED

Modifications: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

NOTE: A formal report on passing data will be generated when required.  
Design, debug and consultation services are available at all times.

Test Engineer: KIM PHILLIPS



FCC Class B                      Test Date: 11-30-98  
 Company Name:                  AMD  
 EUT Model Number:          EVEREST/NETPHY-1LT CARD REV.3  
 EUT Description:              EVEREST CARD

## RADIATED EMISSION TEST RESULTS

| Freq<br>MHz | Ampl<br>dBuV | M  | P  | A  | Ht<br>m | Dist<br>m | Ori<br>deg | Gain<br>dB | ACor<br>dBuV/m | CCor<br>dB | DCor<br>dB | CorAmp<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Flags<br>FH--- |
|-------------|--------------|----|----|----|---------|-----------|------------|------------|----------------|------------|------------|------------------|-----------------|--------------|----------------|
| =====       | =====        | == | == | == | =====   | =====     | =====      | =====      | =====          | =====      | =====      | =====            | =====           | =====        | =====          |
| 39.971      | 31.5         | P  | V  | B  | 1.0     | 3.0       | 270        | 21.7       | 10.3           | 1.0        | 0.0        | 21.1             | 40.0            | -18.9        | -----          |
| 80.012      | 40.5         | P  | V  | B  | 1.0     | 3.0       | 0          | 21.7       | 9.1            | 1.5        | 0.0        | 29.4             | 40.0            | -10.6        | -----          |
| 160.022     | 33.7         | P  | V  | B  | 1.0     | 3.0       | 135        | 21.6       | 13.0           | 2.0        | 0.0        | 27.1             | 43.5            | -16.4        | -----          |
| 240.017     | 33.2         | P  | V  | B  | 1.0     | 3.0       | 180        | 21.4       | 17.4           | 2.4        | 0.0        | 31.6             | 46.0            | -14.4        | -----          |
| 40.019      | 34.4         | P  | H  | B  | 2.0     | 3.0       | 45         | 21.7       | 10.3           | 1.0        | 0.0        | 24.0             | 40.0            | -16.0        | -----          |
| 80.010      | 33.9         | P  | H  | B  | 2.0     | 3.0       | 315        | 21.7       | 9.1            | 1.5        | 0.0        | 22.8             | 40.0            | -17.2        | -----          |
| 160.056     | 29.7         | P  | H  | B  | 2.0     | 3.0       | 225        | 21.6       | 13.0           | 2.0        | 0.0        | 23.1             | 43.5            | -20.4        | -----          |
| 240.048     | 29.6         | P  | H  | B  | 2.0     | 3.0       | 180        | 21.4       | 17.4           | 2.4        | 0.0        | 28.0             | 46.0            | -18.0        | -----          |
| 300.003     | 39.3         | P  | V  | L  | 1.0     | 3.0       | 225        | 21.4       | 13.4           | 2.8        | 0.0        | 34.1             | 46.0            | -11.9        | -----          |
| 320.010     | 37.3         | P  | V  | L  | 1.0     | 3.0       | 180        | 21.4       | 14.0           | 2.8        | 0.0        | 32.7             | 46.0            | -13.3        | -----          |
| 324.995     | 35.7         | P  | V  | L  | 1.0     | 3.0       | 0          | 21.4       | 14.1           | 2.8        | 0.0        | 31.2             | 46.0            | -14.8        | -----          |
| 340.023     | 32.6         | P  | V  | L  | 1.0     | 3.0       | 225        | 21.5       | 14.6           | 2.9        | 0.0        | 28.6             | 46.0            | -17.4        | -----          |
| 360.023     | 34.1         | P  | V  | L  | 1.0     | 3.0       | 135        | 21.5       | 15.0           | 2.9        | 0.0        | 30.5             | 46.0            | -15.5        | -----          |
| 380.011     | 40.2         | P  | V  | L  | 1.0     | 3.0       | 135        | 21.4       | 15.1           | 3.0        | 0.0        | 36.9             | 46.0            | -9.1         | -----          |
| 400.006     | 43.4         | P  | V  | L  | 1.0     | 3.0       | 180        | 21.4       | 15.2           | 3.1        | 0.0        | 40.3             | 46.0            | -5.7         | -----          |
| 420.002     | 43.1         | P  | V  | L  | 1.0     | 3.0       | 180        | 21.3       | 15.9           | 3.2        | 0.0        | 40.9             | 46.0            | -5.1         | -----          |
| 440.004     | 42.6         | P  | V  | L  | 1.0     | 3.0       | 0          | 21.2       | 16.6           | 3.3        | 0.0        | 41.3             | 46.0            | -4.7         | -----          |
| 460.004     | 38.2         | P  | V  | L  | 1.0     | 3.0       | 45         | 21.2       | 16.9           | 3.4        | 0.0        | 37.3             | 46.0            | -8.7         | -----          |
| 480.005     | 41.5         | P  | V  | L  | 1.0     | 3.0       | 225        | 21.3       | 16.8           | 3.5        | 0.0        | 40.5             | 46.0            | -5.5         | -----          |
| 500.002     | 44.7         | P  | V  | L  | 1.0     | 3.0       | 0          | 21.3       | 16.8           | 3.5        | 0.0        | 43.7             | 46.0            | -2.3         | -----          |
| 500.002     | 44.1         | Q  | V  | L  | 1.0     | 3.0       | 0          | 21.3       | 16.8           | 3.5        | 0.0        | 43.1             | 46.0            | -2.9         | -----          |
| 540.010     | 42.0         | P  | V  | L  | 1.0     | 3.0       | 45         | 21.3       | 17.0           | 3.7        | 0.0        | 41.4             | 46.0            | -4.6         | -----          |
| 560.018     | 36.4         | P  | V  | L  | 1.0     | 3.0       | 0          | 21.3       | 17.4           | 3.8        | 0.0        | 36.3             | 46.0            | -9.7         | -----          |
| 580.008     | 39.3         | P  | V  | L  | 1.0     | 3.0       | 90         | 21.2       | 18.3           | 3.9        | 0.0        | 40.3             | 46.0            | -5.7         | -----          |
| 600.029     | 36.8         | P  | V  | L  | 1.0     | 3.0       | 315        | 21.2       | 19.1           | 4.0        | 0.0        | 38.7             | 46.0            | -7.3         | -----          |
| 620.016     | 38.4         | P  | V  | L  | 1.0     | 3.0       | 315        | 21.0       | 19.7           | 4.0        | 0.0        | 41.1             | 46.0            | -4.9         | -----          |
| 660.040     | 33.3         | P  | V  | L  | 1.0     | 3.0       | 225        | 20.6       | 20.4           | 4.0        | 0.0        | 37.1             | 46.0            | -8.9         | -----          |
| 740.006     | 30.7         | P  | V  | L  | 1.0     | 3.0       | 45         | 21.1       | 20.8           | 4.4        | 0.0        | 34.8             | 46.0            | -11.2        | -----          |
| 800.044     | 28.5         | P  | V  | L  | 1.0     | 3.0       | 315        | 20.0       | 20.9           | 4.7        | 0.0        | 34.1             | 46.0            | -11.9        | -----          |
| 900.030     | 28.7         | P  | V  | L  | 1.0     | 3.0       | 45         | 20.7       | 22.9           | 5.0        | 0.0        | 35.9             | 46.0            | -10.1        | -----          |
| 300.013     | 40.1         | P  | H  | L  | 2.5     | 3.0       | 225        | 21.4       | 13.4           | 2.8        | 0.0        | 34.9             | 46.0            | -11.1        | -----          |
| 380.009     | 40.8         | P  | H  | L  | 1.5     | 3.0       | 135        | 21.4       | 15.1           | 3.0        | 0.0        | 37.5             | 46.0            | -8.5         | -----          |
| 400.005     | 46.4         | P  | H  | L  | 1.5     | 3.0       | 135        | 21.4       | 15.2           | 3.1        | 0.0        | 43.3             | 46.0            | -2.7         | -----          |
| 400.005     | 46.1         | Q  | H  | L  | 1.5     | 3.0       | 135        | 21.4       | 15.2           | 3.1        | 0.0        | 43.0             | 46.0            | -3.0         | -----          |
| 420.008     | 46.2         | P  | H  | L  | 1.5     | 3.0       | 45         | 21.3       | 15.9           | 3.2        | 0.0        | 44.0             | 46.0            | -2.0         | -----          |
| 420.008     | 45.5         | Q  | H  | L  | 1.5     | 3.0       | 45         | 21.3       | 15.9           | 3.2        | 0.0        | 43.3             | 46.0            | -2.7         | -----          |
| 440.033     | 39.9         | P  | H  | L  | 1.5     | 3.0       | 0          | 21.2       | 16.6           | 3.3        | 0.0        | 38.6             | 46.0            | -7.4         | -----          |
| 460.010     | 40.2         | P  | H  | L  | 2.0     | 3.0       | 45         | 21.2       | 16.9           | 3.4        | 0.0        | 39.3             | 46.0            | -6.7         | -----          |
| 480.007     | 41.3         | P  | H  | L  | 2.0     | 3.0       | 315        | 21.3       | 16.8           | 3.5        | 0.0        | 40.3             | 46.0            | -5.7         | -----          |
| 500.010     | 42.9         | P  | H  | L  | 2.0     | 3.0       | 315        | 21.3       | 16.8           | 3.5        | 0.0        | 41.9             | 46.0            | -4.1         | -----          |
| 540.008     | 43.7         | P  | H  | L  | 2.0     | 3.0       | 90         | 21.3       | 17.0           | 3.7        | 0.0        | 43.1             | 46.0            | -2.9         | -----          |
| 540.008     | 43.1         | Q  | H  | L  | 2.0     | 3.0       | 90         | 21.3       | 17.0           | 3.7        | 0.0        | 42.5             | 46.0            | -3.5         | -----          |
| 560.014     | 37.3         | P  | H  | L  | 2.0     | 3.0       | 45         | 21.3       | 17.4           | 3.8        | 0.0        | 37.2             | 46.0            | -8.8         | -----          |
| 580.022     | 41.0         | P  | H  | L  | 1.5     | 3.0       | 315        | 21.2       | 18.3           | 3.9        | 0.0        | 42.0             | 46.0            | -4.0         | -----          |
| 600.004     | 37.0         | P  | H  | L  | 1.5     | 3.0       | 180        | 21.2       | 19.1           | 4.0        | 0.0        | 38.9             | 46.0            | -7.1         | -----          |
| 620.011     | 36.0         | P  | H  | L  | 1.5     | 3.0       | 180        | 21.0       | 19.7           | 4.0        | 0.0        | 38.7             | 46.0            | -7.3         | -----          |
| 660.035     | 32.0         | P  | H  | L  | 1.0     | 3.0       | 45         | 20.6       | 20.4           | 4.0        | 0.0        | 35.8             | 46.0            | -10.2        | -----          |

## Radiated Emissions Test Data

Purpose of Test: ☐ QUALIFICATION ☒ ENGINEERING ☐ MANUFACTURING AUDIT  
FCC Class B Test Date: 11-30-98  
Company Name: AMD  
EUT Model Number: EVEREST/NETPHY-1LT CARD REV.3  
EUT Serial Number: N/A  
EUT Description: EVEREST CARD

Test Setup Configuration  
(1MB)  
TRANSFORMER: PULSE ENGINEERING

EUT Clock Speeds: 20MHz

EUT Power Cords: ☐ SHIELDED ☒ NOT SHIELDED  
EUT tested at: ☐ LOW SPEED ☐ HIGH SPEED  
EUT is: ☒ IN COMPLIANCE ☐ OUT OF COMPLIANCE with FCC Class B.

EUT Modifications during this test:  
☐ MODIFIED ☒ NOT MODIFIED

Modifications: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

NOTE: A formal report on passing data will be generated when required.  
Design, debug and consultation services are available at all times.

Test Engineer: KIM PHILLIPS 

FCC Class B                      Test Date: 11-30-98  
 Company Name:                  AMD  
 EUT Model Number:            EVEREST/NETPHY-1LT CARD REV.3  
 EUT Description:              EVEREST CARD

## RADIATED EMISSION TEST RESULTS

| Freq<br>MHz | Ampl<br>dBuV | M | P | A | Ht<br>m | Dist<br>m | Ori<br>deg | Gain<br>dB | ACor<br>dBuV/m | CCor<br>dB | DCor<br>dB | CorAmp<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Flags<br>FH--- |
|-------------|--------------|---|---|---|---------|-----------|------------|------------|----------------|------------|------------|------------------|-----------------|--------------|----------------|
| =====       | =====        | = | = | = | =====   | =====     | =====      | =====      | =====          | =====      | =====      | =====            | =====           | =====        | =====          |
| 40.003      | 36.0         | P | V | B | 1.5     | 3.0       | 225        | 21.7       | 10.3           | 1.0        | 0.0        | 25.6             | 40.0            | -14.4        | -----          |
| 140.008     | 32.3         | P | V | B | 1.0     | 3.0       | 0          | 21.6       | 12.0           | 1.9        | 0.0        | 24.6             | 43.5            | -18.9        | -----          |
| 230.671     | 35.2         | P | V | B | 1.0     | 3.0       | 315        | 21.3       | 16.8           | 2.3        | 0.0        | 33.0             | 46.0            | -13.0        | -----          |
| 40.001      | 35.2         | P | H | B | 1.5     | 3.0       | 0          | 21.7       | 10.3           | 1.0        | 0.0        | 24.8             | 40.0            | -15.2        | -----          |
| 140.012     | 31.5         | P | H | B | 1.5     | 3.0       | 45         | 21.6       | 12.0           | 1.9        | 0.0        | 23.8             | 43.5            | -19.7        | -----          |
| 230.612     | 36.0         | P | H | B | 1.5     | 3.0       | 45         | 21.3       | 16.8           | 2.3        | 0.0        | 33.8             | 46.0            | -12.2        | -----          |
| 300.001     | 37.3         | P | V | L | 1.0     | 3.0       | 135        | 21.4       | 13.4           | 2.8        | 0.0        | 32.1             | 46.0            | -13.9        | -----          |
| 339.997     | 33.4         | P | V | L | 1.0     | 3.0       | 0          | 21.5       | 14.6           | 2.9        | 0.0        | 29.4             | 46.0            | -16.6        | -----          |
| 362.290     | 42.3         | P | V | L | 1.0     | 3.0       | 225        | 21.5       | 15.0           | 2.9        | 0.0        | 38.7             | 46.0            | -7.3         | -----          |
| 498.875     | 45.1         | P | V | L | 1.0     | 3.0       | 180        | 21.3       | 16.8           | 3.5        | 0.0        | 44.1             | 46.0            | -1.9         | -----          |
| 498.875     | 43.8         | Q | V | L | 1.0     | 3.0       | 180        | 21.3       | 16.8           | 3.5        | 0.0        | 42.8             | 46.0            | -3.2         | -----          |
| 499.999     | 37.0         | P | V | L | 1.0     | 3.0       | 135        | 21.3       | 16.8           | 3.5        | 0.0        | 36.0             | 46.0            | -10.0        | -----          |
| 540.005     | 40.0         | P | V | L | 1.0     | 3.0       | 270        | 21.3       | 17.0           | 3.7        | 0.0        | 39.4             | 46.0            | -6.6         | -----          |
| 800.009     | 34.1         | P | V | L | 1.0     | 3.0       | 135        | 20.0       | 20.9           | 4.7        | 0.0        | 39.7             | 46.0            | -6.3         | -----          |
| 900.018     | 30.7         | P | V | L | 1.0     | 3.0       | 45         | 20.7       | 22.9           | 5.0        | 0.0        | 37.9             | 46.0            | -8.1         | -----          |
| 300.011     | 29.9         | P | H | L | 2.0     | 3.0       | 180        | 21.4       | 13.4           | 2.8        | 0.0        | 24.7             | 46.0            | -21.3        | -----          |
| 340.003     | 39.2         | P | H | L | 2.0     | 3.0       | 225        | 21.5       | 14.6           | 2.9        | 0.0        | 35.2             | 46.0            | -10.8        | -----          |
| 349.619     | 38.5         | P | H | L | 2.0     | 3.0       | 225        | 21.5       | 14.9           | 2.9        | 0.0        | 34.8             | 46.0            | -11.2        | -----          |
| 349.980     | 39.5         | P | H | L | 2.0     | 3.0       | 225        | 21.5       | 14.9           | 2.9        | 0.0        | 35.8             | 46.0            | -10.2        | -----          |
| 362.742     | 42.2         | P | H | L | 2.0     | 3.0       | 225        | 21.5       | 15.0           | 3.0        | 0.0        | 38.7             | 46.0            | -7.3         | -----          |
| 366.168     | 43.7         | P | H | L | 2.0     | 3.0       | 180        | 21.5       | 15.0           | 3.0        | 0.0        | 40.2             | 46.0            | -5.8         | -----          |
| 400.002     | 38.7         | P | H | L | 2.0     | 3.0       | 45         | 21.4       | 15.2           | 3.1        | 0.0        | 35.6             | 46.0            | -10.4        | -----          |
| 498.859     | 38.7         | P | H | L | 3.0     | 3.0       | 45         | 21.3       | 16.8           | 3.5        | 0.0        | 37.7             | 46.0            | -8.3         | -----          |
| 500.005     | 35.1         | P | H | L | 3.0     | 3.0       | 45         | 21.3       | 16.8           | 3.5        | 0.0        | 34.1             | 46.0            | -11.9        | -----          |
| 540.005     | 36.5         | P | H | L | 2.5     | 3.0       | 315        | 21.3       | 17.0           | 3.7        | 0.0        | 35.9             | 46.0            | -10.1        | -----          |
| 560.006     | 32.0         | P | H | L | 2.5     | 3.0       | 315        | 21.3       | 17.4           | 3.8        | 0.0        | 31.9             | 46.0            | -14.1        | -----          |

Radiated Emissions Test Data

Purpose of Test: ☐ QUALIFICATION ☒ ENGINEERING ☐ MANUFACTURING AUDIT  
FCC Class B Test Date: 11-30-98  
Company Name: AMD  
EUT Model Number: EVEREST/NETPHY-1LT CARD REV.3  
EUT Serial Number: N/A  
EUT Description: EVEREST CARD

Test Setup Configuration  
(1MB)  
TRANSFORMER: PCA

EUT Clock Speeds: 20MHz

EUT Power Cords: ☐ SHIELDED ☒ NOT SHIELDED  
EUT tested at: ☐ LOW SPEED ☐ HIGH SPEED  
EUT is: ☒ IN COMPLIANCE ☐ OUT OF COMPLIANCE with FCC Class B.

EUT Modifications during this test:  
☐ MODIFIED ☒ NOT MODIFIED

Modifications: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

NOTE: A formal report on passing data will be generated when required.  
Design, debug and consultation services are available at all times.

Test Engineer: KIM PHILLIPS



FCC Class B                      Test Date: 11-30-98  
 Company Name:                  AMD  
 EUT Model Number:          EVEREST/NETPHY-1LT CARD REV.3  
 EUT Description:              EVEREST CARD

## RADIATED EMISSION TEST RESULTS

| Freq<br>MHz | Ampl<br>dBuV | M  | P  | A  | Ht<br>m | Dist<br>m | Ori<br>deg | Gain<br>dB | ACor<br>dBuV/m | CCor<br>dB | DCor<br>dB | CorAmp<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Flags<br>FH--- |
|-------------|--------------|----|----|----|---------|-----------|------------|------------|----------------|------------|------------|------------------|-----------------|--------------|----------------|
| =====       | =====        | == | == | == | =====   | =====     | =====      | =====      | =====          | =====      | =====      | =====            | =====           | =====        | =====          |
| 40.015      | 36.0         | P  | V  | B  | 1.5     | 3.0       | 225        | 21.7       | 10.3           | 1.0        | 0.0        | 25.6             | 40.0            | -14.4        | -----          |
| 80.003      | 40.5         | P  | V  | B  | 1.0     | 3.0       | 0          | 21.7       | 9.1            | 1.5        | 0.0        | 29.4             | 40.0            | -10.6        | -----          |
| 140.008     | 32.3         | P  | V  | B  | 1.0     | 3.0       | 0          | 21.6       | 12.0           | 1.9        | 0.0        | 24.6             | 43.5            | -18.9        | -----          |
| 160.022     | 33.7         | P  | V  | B  | 1.0     | 3.0       | 135        | 21.6       | 13.0           | 2.0        | 0.0        | 27.1             | 43.5            | -16.4        | -----          |
| 240.017     | 33.2         | P  | V  | B  | 1.0     | 3.0       | 180        | 21.4       | 17.4           | 2.4        | 0.0        | 31.6             | 46.0            | -14.4        | -----          |
| 40.006      | 35.2         | P  | H  | B  | 1.5     | 3.0       | 0          | 21.7       | 10.3           | 1.0        | 0.0        | 24.8             | 40.0            | -15.2        | -----          |
| 80.010      | 33.9         | P  | H  | B  | 2.0     | 3.0       | 315        | 21.7       | 9.1            | 1.5        | 0.0        | 22.8             | 40.0            | -17.2        | -----          |
| 160.056     | 29.7         | P  | H  | B  | 2.0     | 3.0       | 225        | 21.6       | 13.0           | 2.0        | 0.0        | 23.1             | 43.5            | -20.4        | -----          |
| 240.048     | 29.6         | P  | H  | B  | 2.0     | 3.0       | 180        | 21.4       | 17.4           | 2.4        | 0.0        | 28.0             | 46.0            | -18.0        | -----          |
| 300.005     | 42.1         | P  | V  | L  | 1.0     | 3.0       | 180        | 21.4       | 13.4           | 2.8        | 0.0        | 36.9             | 46.0            | -9.1         | -----          |
| 320.010     | 37.3         | P  | V  | L  | 1.0     | 3.0       | 180        | 21.4       | 14.0           | 2.8        | 0.0        | 32.7             | 46.0            | -13.3        | -----          |
| 324.991     | 36.3         | P  | V  | L  | 1.0     | 3.0       | 135        | 21.4       | 14.1           | 2.8        | 0.0        | 31.8             | 46.0            | -14.2        | -----          |
| 340.002     | 40.8         | P  | V  | L  | 1.0     | 3.0       | 315        | 21.5       | 14.6           | 2.9        | 0.0        | 36.8             | 46.0            | -9.2         | -----          |
| 350.003     | 38.7         | P  | V  | L  | 1.0     | 3.0       | 180        | 21.5       | 14.9           | 2.9        | 0.0        | 35.0             | 46.0            | -11.0        | -----          |
| 360.023     | 34.1         | P  | V  | L  | 1.0     | 3.0       | 135        | 21.5       | 15.0           | 2.9        | 0.0        | 30.5             | 46.0            | -15.5        | -----          |
| 380.011     | 40.2         | P  | V  | L  | 1.0     | 3.0       | 135        | 21.4       | 15.1           | 3.0        | 0.0        | 36.9             | 46.0            | -9.1         | -----          |
| 400.006     | 43.4         | P  | V  | L  | 1.0     | 3.0       | 180        | 21.4       | 15.2           | 3.1        | 0.0        | 40.3             | 46.0            | -5.7         | -----          |
| 420.002     | 43.1         | P  | V  | L  | 1.0     | 3.0       | 180        | 21.3       | 15.9           | 3.2        | 0.0        | 40.9             | 46.0            | -5.1         | -----          |
| 440.004     | 42.6         | P  | V  | L  | 1.0     | 3.0       | 0          | 21.2       | 16.6           | 3.3        | 0.0        | 41.3             | 46.0            | -4.7         | -----          |
| 460.004     | 38.2         | P  | V  | L  | 1.0     | 3.0       | 45         | 21.2       | 16.9           | 3.4        | 0.0        | 37.3             | 46.0            | -8.7         | -----          |
| 480.005     | 41.5         | P  | V  | L  | 1.0     | 3.0       | 225        | 21.3       | 16.8           | 3.5        | 0.0        | 40.5             | 46.0            | -5.5         | -----          |
| 500.002     | 44.7         | P  | V  | L  | 1.0     | 3.0       | 0          | 21.3       | 16.8           | 3.5        | 0.0        | 43.7             | 46.0            | -2.3         | -----          |
| 500.002     | 44.1         | Q  | V  | L  | 1.0     | 3.0       | 0          | 21.3       | 16.8           | 3.5        | 0.0        | 43.1             | 46.0            | -2.9         | -----          |
| 540.010     | 42.0         | P  | V  | L  | 1.0     | 3.0       | 45         | 21.3       | 17.0           | 3.7        | 0.0        | 41.4             | 46.0            | -4.6         | -----          |
| 560.018     | 36.4         | P  | V  | L  | 1.0     | 3.0       | 0          | 21.3       | 17.4           | 3.8        | 0.0        | 36.3             | 46.0            | -9.7         | -----          |
| 580.008     | 39.3         | P  | V  | L  | 1.0     | 3.0       | 90         | 21.2       | 18.3           | 3.9        | 0.0        | 40.3             | 46.0            | -5.7         | -----          |
| 600.029     | 36.8         | P  | V  | L  | 1.0     | 3.0       | 315        | 21.2       | 19.1           | 4.0        | 0.0        | 38.7             | 46.0            | -7.3         | -----          |
| 620.016     | 38.4         | P  | V  | L  | 1.0     | 3.0       | 315        | 21.0       | 19.7           | 4.0        | 0.0        | 41.1             | 46.0            | -4.9         | -----          |
| 660.040     | 33.3         | P  | V  | L  | 1.0     | 3.0       | 225        | 20.6       | 20.4           | 4.0        | 0.0        | 37.1             | 46.0            | -8.9         | -----          |
| 740.006     | 30.7         | P  | V  | L  | 1.0     | 3.0       | 45         | 21.1       | 20.8           | 4.4        | 0.0        | 34.8             | 46.0            | -11.2        | -----          |
| 800.044     | 28.5         | P  | V  | L  | 1.0     | 3.0       | 315        | 20.0       | 20.9           | 4.7        | 0.0        | 34.1             | 46.0            | -11.9        | -----          |
| 900.030     | 28.7         | P  | V  | L  | 1.0     | 3.0       | 45         | 20.7       | 22.9           | 5.0        | 0.0        | 35.9             | 46.0            | -10.1        | -----          |
| 300.013     | 40.1         | P  | H  | L  | 2.5     | 3.0       | 225        | 21.4       | 13.4           | 2.8        | 0.0        | 34.9             | 46.0            | -11.1        | -----          |
| 380.009     | 40.8         | P  | H  | L  | 1.5     | 3.0       | 135        | 21.4       | 15.1           | 3.0        | 0.0        | 37.5             | 46.0            | -8.5         | -----          |
| 400.005     | 46.4         | P  | H  | L  | 1.5     | 3.0       | 135        | 21.4       | 15.2           | 3.1        | 0.0        | 43.3             | 46.0            | -2.7         | -----          |
| 400.005     | 46.1         | Q  | H  | L  | 1.5     | 3.0       | 135        | 21.4       | 15.2           | 3.1        | 0.0        | 43.0             | 46.0            | -3.0         | -----          |
| 420.008     | 46.2         | P  | H  | L  | 1.5     | 3.0       | 45         | 21.3       | 15.9           | 3.2        | 0.0        | 44.0             | 46.0            | -2.0         | -----          |
| 420.008     | 45.5         | Q  | H  | L  | 1.5     | 3.0       | 45         | 21.3       | 15.9           | 3.2        | 0.0        | 43.3             | 46.0            | -2.7         | -----          |
| 440.033     | 39.9         | P  | H  | L  | 1.5     | 3.0       | 0          | 21.2       | 16.6           | 3.3        | 0.0        | 38.6             | 46.0            | -7.4         | -----          |
| 460.010     | 40.2         | P  | H  | L  | 2.0     | 3.0       | 45         | 21.2       | 16.9           | 3.4        | 0.0        | 39.3             | 46.0            | -6.7         | -----          |
| 480.102     | 31.0         | P  | H  | L  | 2.0     | 3.0       | 180        | 21.3       | 16.8           | 3.5        | 0.0        | 30.0             | 46.0            | -16.0        | -----          |
| 500.000     | 36.1         | P  | H  | L  | 2.0     | 3.0       | 90         | 21.3       | 16.8           | 3.5        | 0.0        | 35.1             | 46.0            | -10.9        | -----          |
| 540.008     | 43.1         | P  | H  | L  | 2.0     | 3.0       | 90         | 21.3       | 17.0           | 3.7        | 0.0        | 42.5             | 46.0            | -3.5         | -----          |
| 560.007     | 30.4         | P  | H  | L  | 2.0     | 3.0       | 180        | 21.3       | 17.4           | 3.8        | 0.0        | 30.3             | 46.0            | -15.7        | -----          |
| 580.022     | 41.0         | P  | H  | L  | 1.5     | 3.0       | 315        | 21.2       | 18.3           | 3.9        | 0.0        | 42.0             | 46.0            | -4.0         | -----          |
| 600.004     | 37.0         | P  | H  | L  | 1.5     | 3.0       | 180        | 21.2       | 19.1           | 4.0        | 0.0        | 38.9             | 46.0            | -7.1         | -----          |
| 620.011     | 36.0         | P  | H  | L  | 1.5     | 3.0       | 180        | 21.0       | 19.7           | 4.0        | 0.0        | 38.7             | 46.0            | -7.3         | -----          |
| 660.035     | 32.0         | P  | H  | L  | 1.0     | 3.0       | 45         | 20.6       | 20.4           | 4.0        | 0.0        | 35.8             | 46.0            | -10.2        | -----          |