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# **TEST REPORT**

| Applicant:               | Cross Point B.V.                                   |
|--------------------------|--|
| Address of Applicant:    | Waanderweg 12, Emmen, 7812 HZ, Netherlands         |
| Manufacturer:            | Cross Point B.V.                                   |
| Address of Manufacturer: | Waanderweg 12, Emmen, 7812 HZ, Netherlands         |
| Product name:            | AM DEACTIVATOR                                     |
| Model:                   | XEXUS AM DEACTIVATOR                               |
| Rating(s):               | AC 230V, 50-60Hz, 0.16A<br>AC 115V, 50-60Hz, 0.32A |
| Trademark:               | 1  |
| Standards:               | FCC CER 47 Part 15 Section 15C: 2016               |
| FCC ID:                  | N9G-CP321AMD                                       |
| Data of Receipt:         | 2016-07-25   |
| Date of Test:            | 2016-07-25~2016-08-16                              |
| Date of Issue:           | 2016-11-01   |
| Test Result              | Pass*  |

\* In the configuration tested, the test item complied with the standards specified above.

#### Authorized for issue by:

Test by:

#### Reviewed by:

| Nov.01, 2016 Jumy Qiu |                  | 9in       | Nov.01, 2016 | Pauler Li Pauler | < L:      |
|-----------------------|------------------|-----------|--------------|------------------|-----------|
|                       | Project Engineer |           |              | Project Manager  |           |
| Date                  | Name/Position    | Signature | Date         | Name/Position    | Signature |

| Possible test case verdicts:             |  |
|--|--|
| test case does not apply to the test obj | ect: N/A   |
| test object does meet the requirement    | : P (Pass)   |
| test object does not meet the requirem   | ent: F (Fail)  |
| Testing Laboratory information:          |  |
| Testing Laboratory Name::                | I-Test Laboratory  |
| Address:                                 | 1-2 floor, South Block, Building A2 , No 3 Keyan Lu, Science City, Guangzhou, Guangdong Province, P.R. China |
| Testing location :                       | Same as above  |
| Tel :                                    | 0086-20-32209330   |
| Fax :                                    | 0086-20-62824387   |
| E-mail :                                 | itl@i-testlab.com  |
| General remarks:                         |  |

The test results presented in this report relate only to the object tested.

The results contained in this report reflect the results for this particular model and serial number. It is the responsibility of the manufacturer to ensure that all production models meet the intent of the requirements detailed within this report.

This report would be invalid test report without all the signatures of testing technician and approver. This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

General product information:

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# 1 Test Summary

| Description of Test Item                         | Standard                                | Results |  |  |
|--|---|---------|--|--|
| Radiated Emission<br>(9KHz-1.25MHz)              | FCC Part 15: 209<br>ANSI C63.4: 2014    | PASS    |  |  |
| Power Line Conducted Emissions<br>(150KHz-30MHz) | FCC Part 15: 15.207<br>ANSI C63.4: 2014 | PASS    |  |  |
| Antenna Requirement                              | FCC Part 15: 15.203                     | PASS    |  |  |
| Remark: /  |   |         |  |  |

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# **3** General Information

## 3.1 Client Information

| Applicant:            | Cross Point B.V.                           |
|-----------------------|--|
| Address of Applicant: | Waanderweg 12, Emmen, 7812 HZ, Netherlands |

### 3.2 General Description of E.U.T.

| Name:                  | AM DEACTIVATOR                                   |
|------------------------|--|
| Model No.:             | NEXUS AM DEACTIVATOR                             |
| Trade Mark:            | 1  |
| Operating Frequency:   | 58kHz  |
| Radio Technology:      | Acoustic Magnetic                                |
| Antenna type and gain: | Integrated antenna, PK Gain: 0dBi                |
| Test Software of EUT:  | AM_Deactivator_BL_2_01_APP_2_04.hex (2.04.23336) |
| Test hardware of EUT:  | AI 2108-1200-0000_R2                             |

### 3.3 Details of E.U.T.

EUT Power Supply: Test mode:

| Tested mode, channel, and data rate information                         |  |  |  |  |  |
|---|--|--|--|--|--|
| Mode Channel Frequency (kHz)  |  |  |  |  |  |
| 1 CH1 58  |  |  |  |  |  |
| Note: According exploratory test, EUT will have maximum output power in |  |  |  |  |  |
| those data rate. So those data rate were used for all test.             |  |  |  |  |  |

Power cord:

1.8m AC power cord

AC for power supply

# 3.4 Description of Support Units

The EUT has been tested as an independent unit for fixed frequency by testing lab.

#### Details of Support Equipment(s)

| Description | Manufacturer | Model No. | Connection | Working state |
|-------------|--------------|-----------|------------|---------------|
| 1           | /            | /         | /          | /             |

#### 3.5 Test Location

All tests were performed at:

I-Test Laboratory

1-2 floor, South Block, Building A2 , No 3 Keyan Lu, Science City, Guangzhou, Guangdong Province, P.R. China

0086-20-32209330

itl@i-testlab.com

No tests were sub-contracted.

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#### 3.6 Deviation from Standards

Biconical and log periodic antennas were used instead of dipole antennas.

#### 3.7 Abnormalities from Standard Conditions

None.

#### 3.8 Other Information Requested by the Customer

None.

### 3.9 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- CNAS( Lab code:L4957)
- FCC (Registration No.:935596)
- IC (Registration NO.:8368A)

#### 3.10 Measurement Uncertainty

The below measurement uncertainties given below are based on a 95% confidence level (base on a coverage factor (k=2).)

| Parameter                      | Uncertainty               |
|--------------------------------|---------------------------|
| Radio frequency                | $\pm 1.06 \times 10^{-7}$ |
| total RF power, conducted      | 1.37 dB                   |
| RF power density , conducted   | 2.89 dB                   |
| All emissions, radiated        | ±3.35 dB                  |
| Temperature                    | ±0.23 °C                  |
| Humidity                       | ±0.3 %                    |
| (DC and low frequency voltages | ±0.3 %                    |

# 4 Instruments Used during Test

| No.     | Test Equipment                       | Manufacturer  | Model              | Serial No.         | Last Cal.  | Cal. Due   |
|---------|--------------------------------------|---------------|--------------------|--------------------|------------|------------|
| ITL-114 | Spectrum<br>Analyzer                 | Agilent       | N9010A             | MY51250936         | 2016/01/25 | 2017/01/25 |
| ITL-154 | EMI test receiver<br>9kHz to 26.5GHz | R&S           | ESR26              | 101257             | 2016/01/05 | 2017/01/05 |
| ITL-116 | Pre Amplifier                        | HP            | 8447F              | 3113A05905         | 2016/01/25 | 2017/01/25 |
| ITL-117 | Wideband<br>Amplifier Super<br>Ultra | Mini-circuits | ZVA-183-<br>S+     | 469101134          | 2016/01/25 | 2017/01/25 |
| ITL-105 | Biconilog<br>Antenna                 | ETS•Lindgren  | 3142D              | 00108096           | 2015/01/24 | 2018/01/24 |
| ITL-110 | Horn Antenna                         | A-INFOMW      | JXTXLB-<br>10180-N | J2031090612<br>133 | 2015/01/24 | 2018/01/24 |
| ITL-102 | EMI Test receiver                    | R&S           | ESCI               | 100910             | 2016/06/17 | 2017/06/17 |
| ITL-103 | Two-line v-<br>network               | R&S           | ENV216             | 100120             | 2016/06/17 | 2017/06/17 |
| ITL-115 | 50Ω Coaxial<br>Cable                 | Mini-circuits | CBL                | C001               | 2016/09/07 | 2017/09/07 |
| ITL-100 | Semi-Anechoic<br>chamber             | ETS•Lindgren  | FACT3<br>2.0       | CT09015            | 2016/06/17 | 2017/06/17 |
| ITL-145 | Loop Antenna                         | ZHINAN        | ZN30900<br>A       | 002489             | 2016/01/25 | 2017/01/25 |
| ITL-146 | Horn Antenna                         | Schwarzbeck   | BBHA<br>9170       | B09806543          | 2016/06/17 | 2017/06/17 |
| ITL-101 | Shielded Room                        | ETS•Lindgren  | 8*4*3              | CT09010            | 2015/03/09 | 2018/03/09 |

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# 5 Test Results

## 5.1 E.U.T. test conditions

| Test Voltage:         | Input: 120V    |
|-----------------------|----------------|
| Temperature:          | 20.0 -25.0 °C  |
| Humidity:             | 38-50 % RH     |
| Atmospheric Pressure: | 1000 -1010 mba |

#### 5.2 Antenna requirement

#### Standard requirement

15.203 requirement:

For intentional device. According to FCC 47 CFR Section 15.203. an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

15.209 requirement:

According to FCC 47 CFR Section 15.209, if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

#### EUT Antenna

The antenna used for this product are integral Antenna and that no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is only 0dBi.

Test result: The unit does meet the FCC requirements.

## 5.3 Power Line Conducted Emissions

#### Block Diagram of Test Setup:



Limit: Maximum RF Line Voltage Frequency **QP** Level AV Level dB(uV) dB(uV) 150kHz ~ 500kHz 66~56\* 56~46\*  $500kHz \sim 5MHz$ 56 46 5MHz ~ 30MHz 60 50

Notes: 1. \* Decreasing linearly with logarithm of frequency.

2. The lower limit shall apply at the transition frequencies.

#### **Test Procedure:**

(1) The EUT was placed on a non-matallic table, 80cm above the ground plane.

(2) Setup the EUT and simulator as shown in Test setup photo.

(3) The EUT power connected to the power mains through a power adapter and a line impedance stabilization network (L.I.S.N1). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N1), this provided a 50-ohm coupling impedance for the EUT (Please refer to the block diagram of the test setup and photographs). Both

sides of power line were checked for maximum conducted interference. In order to find the

maximum emission, the relative positions of equipments and all of the interface cables were

changed according to ANSI C63.4 2009 and ANSI C64.10:2009 on conducted Emission test.

(4) The bandwidth of test receiver is set at 10KHz.

(5) The frequency range from 150 KHz to 30MHz is checked.

#### Test result:

## Pass. (See below detailed test data)



Quasi-peak and Average measurement

| MHz    | dBuV  | Kemark   | dB  | dB   | Limit Line<br>dBu∛   | dB  |
|--------|---|--|---|--|--|---|
|        |   |  |   |  |  |   |
| 0.178  | 35.37   | QP   | 9.47  | 0.40   | 64.59  | -29.22  |
| 0.178  | 23.37   | Average  | 9.47  | 0.40   | 54.59  | -31.22  |
| 0.289  | 38.40   | QP   | 9.46  | 0.42   | 60.54  | -22.14  |
| 0.289  | 26.32   | Average  | 9.46  | 0.42   | 50.54  | -24.22  |
| 0.405  | 36.53   | QP -   | 9.38  | 0.43   | 57.74  | -21.21  |
| 0.405  | 23.89   | Average  | 9.38  | 0.43   | 47.74  | -23.85  |
| 1.328  | 27.11   | QP   | 9.29  | 0.48   | 56.00  | -28.89  |
| 1.328  | 17.86   | Average  | 9.29  | 0.48   | 46.00  | -28.14  |
| 4.914  | 43.72   | QP   | 9.29  | 0.53   | 56.00  | -12.28  |
| 4.914  | 30.96   | Average  | 9.29  | 0.53   | 46.00  | -15.04  |
| 29.301 | 30.60   | QP -   | 9.73  | 0.60   | 60.00  | -29.40  |
| 29.301 | 18.71   | Average  | 9.73  | 0.60   | 50.00  | -31.29  |
|        | MHz<br>0. 178<br>0. 178<br>0. 289<br>0. 289<br>0. 405<br>0. 405<br>1. 328<br>1. 328<br>1. 328<br>4. 914<br>4. 914<br>29. 301<br>29. 301 | MHz         dBuV           0.178         35.37           0.178         23.37           0.289         26.32           0.405         36.53           0.405         23.89           1.328         27.11           1.328         17.86           4.914         43.72           4.914         30.96           29.301         30.60           29.301         18.71 | MHz         dBuV           0.178         35.37         QP           0.178         23.37         Average           0.289         38.40         QP           0.289         26.32         Average           0.405         36.53         QP           0.405         23.89         Average           1.328         27.11         QP           1.328         17.86         Average           4.914         43.72         QP           4.914         30.96         Average           29.301         30.60         QP | MHz         dBuV         dB           0.178         35.37         QP         9.47           0.178         23.37         Average         9.47           0.289         38.40         QP         9.46           0.289         26.32         Average         9.46           0.405         36.53         QP         9.38           0.405         23.89         Average         9.38           0.405         23.89         Average         9.38           1.328         27.11         QP         9.29           1.328         17.86         Average         9.29           4.914         43.72         QP         9.29           4.914         30.96         Average         9.29           29.301         30.60         QP         9.73           29.301         18.71         Average         9.73 | MHz         dBuV         dB         dB           0.178         35.37         QP         9.47         0.40           0.178         23.37         Average         9.47         0.40           0.289         38.40         QP         9.46         0.42           0.289         26.32         Average         9.46         0.42           0.405         36.53         QP         9.38         0.43           0.405         36.53         QP         9.38         0.43           0.405         36.53         QP         9.38         0.43           0.405         23.89         Average         9.38         0.43           1.328         27.11         QP         9.29         0.48           1.328         17.86         Average         9.29         0.48           4.914         43.72         QP         9.29         0.53           4.914         30.96         Average         9.29         0.53           29.301         30.60         QP         9.73         0.60           29.301         18.71         Average         9.73         0.60 | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ |

#### **Neutral Line:**



Quasi-peak and Average measurement

| NO. | Freq<br>MHz | Level<br>dBuV | Remark  | LISN Factor<br>dB | Cable Loss<br>dB | Limit Line<br>dBuV | Over Limit<br>dB |
|-----|-------------|---------------|---------|-------------------|------------------|--------------------|------------------|
|     |             |               |         |                   |                  |                    |                  |
| 1   | 0.174       | 47.00         | QP      | 9.37              | 0.40             | 64.77              | -17.77           |
| 2   | 0.174       | 32.86         | Average | 9.37              | 0.40             | 54.77              | -21.91           |
| 3   | 0.405       | 38.00         | QP      | 9.36              | 0.43             | 57.74              | -19.74           |
| 4   | 0.405       | 25.27         | Average | 9.36              | 0.43             | 47.74              | -22.47           |
| 5   | 0.755       | 35.66         | QP      | 9.36              | 0.45             | 56.00              | -20.34           |
| 6   | 0.755       | 22.66         | Average | 9.36              | 0.45             | 46.00              | -23.34           |
| 7   | 1.676       | 37.24         | QP      | 9.38              | 0.49             | 56.00              | -18.76           |
| 8   | 1.676       | 26.58         | Average | 9.38              | 0.49             | 46.00              | -19.42           |
| 9   | 5.000       | 47.87         | QP -    | 9.43              | 0.53             | 56.00              | -8.13            |
| 10  | 5.000       | 31.02         | Average | 9.43              | 0.53             | 46.00              | -14.98           |
| 11  | 29.139      | 27.68         | QP      | 9.92              | 0.60             | 60.00              | -32.32           |
| 12  | 29.139      | 13.97         | Average | 9.92              | 0.60             | 50.00              | -36.03           |

# 5.4 Radiated emissions

#### Limit:

| T.                 | Field Stre   | ngth            | Field Strength Limit at 3m Measurement Dist |                                      |  |  |  |
|--------------------|--------------|-----------------|---|--------------------------------------|--|--|--|
| (MHz)              | uV/m         | Distance<br>(m) | uV/m  | dBuV/m                               |  |  |  |
| $0.009 \sim 0.490$ | 2400/F(kHz)  | 300             | 10000 * 2400/F(kHz)                         | $20\log^{(2400/F(kHz))} + 80$        |  |  |  |
| $0.490 \sim 1.705$ | 24000/F(kHz) | 30              | 100 * 24000/F(kHz)                          | 20log <sup>(24000/F(kHz))</sup> + 40 |  |  |  |
| $1.705\sim 30$     | 30           | 30              | 100 * 30                                    | $20\log^{(30)} + 40$                 |  |  |  |
| $30 \sim 88$       | 100          | 3               | 100   | 20log <sup>(100)</sup>               |  |  |  |
| 88~216             | 150          | 3               | 150   | 20log <sup>(150)</sup>               |  |  |  |
| $216 \sim 960$     | 200          | 3               | 200   | 20log <sup>(200)</sup>               |  |  |  |
| Above 960          | 500          | 3               | 500   | 20log <sup>(500)</sup>               |  |  |  |

Nore:

(1) The tighter limit applies at the band edges.

For example: F.S limit at 88MHz is 100uV/m

(2) If measurement is made at 3m distance, the F.S limit at 3m distance is adjusted by using the formula of Ld2 \*  $(d2/d1)^2$ .

For example: F.S Limit at 30m(d2) distance is 30uV/m(Ld2), then F.S Limit at 3m(d1) distance is

Ld1=30uV/m \* (30/3)<sup>2</sup>=100 \* 30uV/m=69.54 dBuV/m

#### Test Setup:

In 3m Anechoic Chamber Test Setup Diagram for below 30MHz:



In 3m Anechoic Chamber Test Setup Diagram for frequency 30MHz-1GHz:



#### **Test Procedure:**

#### **Procedure of Preliminary Test**

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane.

Configuration EUT to simulate typical usage as described in clause 2.4 and test equipment as described in clause 4.2 of this report.

All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4:2014.

Mains cables, telephone lines or other connections to auxiliary equipment located outside the test are shall drape to the floor, be fitted with ferrite clamps or ferrite tubes placed on the floor at the point where the cable reaches the floor and then routed to the place where they leave the turntable.

No extension cords shall be used to mains receptacle.

The antenna was placed at 3 meter away from the EUT as stated in ANSI C63.10:2013. The antenna connected to the Spectrum Analyzer via a cable and at times a pre-amplifier would be used.

The Receiver quickly scanned from 9KHz to 30MHz and 30MHz to 1GHz The EUT test program was started. Emissions were scanned and measured rotating the EUT to 360 degrees and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.

The test mode(s) described in clause 2.4 were scanned during the preliminary test:

After the preliminary scan, we found the test mode producing the highest emission level. The EUT and cable configuration, antenna position, polarization and turntable position of the above highest emission level were recorded for the final test.

#### **Procedure of Final Test**

EUT and support equipment were set up on the turntable as per the configuration with highest emission level in the preliminary test.

The Receiver scanned from 9kHz to 30MHz and 30MHz to 1GHz. Emissions were scanned and measured rotating the EUT to 360 degrees, varying cable placement and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.

Recorded at least the six highest emissions. Emission frequency, amplitude, antenna position, polarization and turntable position were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit and only Q.P. reading is presented.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 200Hz for 9 kHz to 150 kHz measure, 10 kHz for 150 kHz to 30MHz measure and 120 kHz for 30 MHz to 1GHz measure.

# Test Result:

Pass (See below detailed test result)

| Freq. | Ant. | Peak    | QP     | Ant./C | Actu  | al Fs | Peak   | QP    | Margi  | Remark |
|-------|------|---------|--------|--------|-------|-------|--------|-------|--------|--------|
| (MHz) | Pol  | Reading | Readin | L      | Peak  | QP    | Limit  | Limit | n (dB) |        |
|       | H/V  | (dBuV)  | g      | CF     | (dBuV | (dBuV | (dBuV  | (dBuV |        |        |
|       |      |         | (dBuV) | (dB)   | /m)   | /m)   | /m)    | /m)   |        |        |
| 0.110 | Н    | 22.35   |        | 24.80  | 47.15 |       | 126.77 |       | 79.62  | Peak   |
| 0.058 | Н    | 42.46   |        | 24.41  | 66.87 |       | 132.33 |       | 66.87  | Peak   |
| 0.495 | н    |         | 22.12  | 25.03  |       | 47.15 |        | 73.71 | 26.56  | QP     |
| 0.500 | Н    |         | 20.97  | 25.03  |       | 46.00 |        | 73.62 | 27.62  | QP     |

| Freq. | Ant. | Peak    | QP     | Ant./C | Actual Fs |       | Peak   | QP    | Margi  | Remark |
|-------|------|---------|--------|--------|-----------|-------|--------|-------|--------|--------|
| (MHz) | Pol  | Reading | Readin | L      | Peak      | QP    | Limit  | Limit | n (dB) |        |
|       | H/V  | (dBuV)  | g      | CF     | (dBuV     | (dBuV | (dBuV  | (dBuV |        |        |
|       |      |         | (dBuV) | (dB)   | /m)       | /m)   | /m)    | /m)   |        |        |
| 0.110 | V    | 22.58   |        | 24.80  | 47.38     |       | 126.77 |       | 79.39  | Peak   |
| 0.058 | V    | 44.32   |        | 24.41  | 68.73     |       | 132.33 |       | 68.73  | Peak   |
| 0.495 | V    |         | 22.64  | 25.03  |           | 47.67 |        | 73.71 | 26.04  | QP     |
| 0.500 | V    |         | 21.21  | 25.03  |           | 46.24 |        | 73.62 | 27.38  | QP     |

#### Horizontal:

Peak scan

Level (dBµV/m)



Quasi-peak measurement

| No.                   | Freq   | Level                                     | Remark                     | Antenna<br>Factor                        | Cable<br>Loss                        | Limit<br>Line  | Margin   | A/pos                    | T/pos                           |
|-----------------------|--|---|----------------------------|--|--------------------------------------|--|--|--------------------------|---------------------------------|
|                       | MHz  | dBuV/m                                    |                            | dB/m                                     | dB                                   | dBuV/m   | dB   | сm                       | deg                             |
| 1<br>2<br>3<br>4<br>5 | 36.790<br>184.230<br>239.520<br>271.530<br>359.800 | 16.17<br>11.86<br>21.21<br>20.04<br>21.91 | QP<br>QP<br>QP<br>QP<br>QP | 13.92<br>8.30<br>10.90<br>12.88<br>14.39 | 0.69<br>1.63<br>1.88<br>2.01<br>2.31 | $\begin{array}{r} 40.00\\ 43.50\\ 46.00\\ 46.00\\ 46.00\\ 46.00\\ 46.00\\ \end{array}$ | -23.83<br>-31.64<br>-24.79<br>-25.96<br>-24.09 | 100<br>100<br>200<br>200 | 124<br>112<br>102<br>206<br>188 |
| 5<br>6                | 359.800<br>414.120                                 | 21.91<br>18.57                            | QP<br>QP                   | 14.39                                    | 2.31                                 | 46.00<br>46.00   | -24.09<br>-27.43                               | 200                      |                                 |

Level=Read Level + Antenna Factor + Cable Loss



Quasi-peak measurement

| No. | Freq    | Level  | Remark | Antenna<br>Factor | Cable | Limit<br>Line | Margin | A/pos | T/pos |
|-----|---------|--------|--------|-------------------|-------|---------------|--------|-------|-------|
|     | MHz     | dBuV/m |        | dB/m              | dB    | dBuV/m        | dB     | сm    | deg   |
|     |         |        |        |                   |       |               |        |       |       |
| 1   | 37.760  | 28.49  | QP     | 13.34             | 0.70  | 40.00         | -11.51 | 100   | 114   |
| 2   | 88.200  | 11.76  | QP     | 8.02              | 1.10  | 43.50         | -31.74 | 100   | 201   |
| 3   | 99.840  | 8.16   | QP     | 8.69              | 1.17  | 43.50         | -35.34 | 100   | 178   |
| 4   | 186.170 | 7.99   | QP     | 8.44              | 1.64  | 43.50         | -35.51 | 200   | 321   |
| 5   | 271.530 | 18.75  | QP     | 12.88             | 2.01  | 46.00         | -27.25 | 200   | 285   |
| 6   | 359.800 | 20.10  | QP     | 14.39             | 2.31  | 46.00         | -25.90 | 200   | 173   |

| Level=Read Level | + | Antenna | Factor | + | Cable | Loss |
|------------------|---|---------|--------|---|-------|------|
|------------------|---|---------|--------|---|-------|------|

--End of Report--