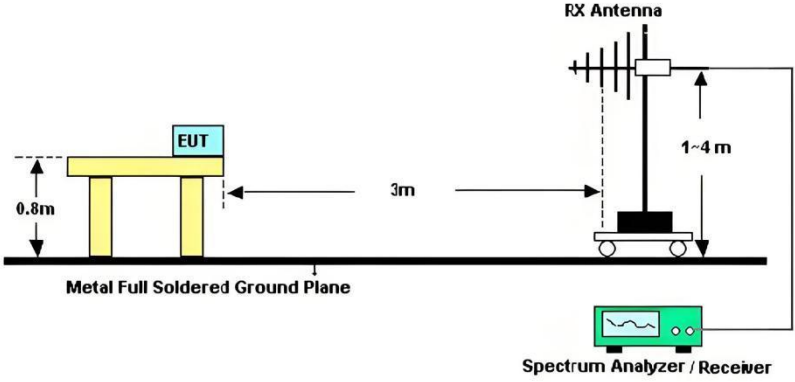
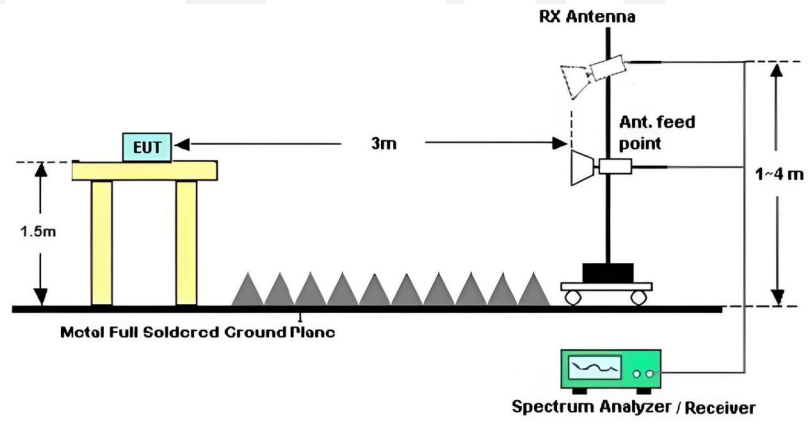


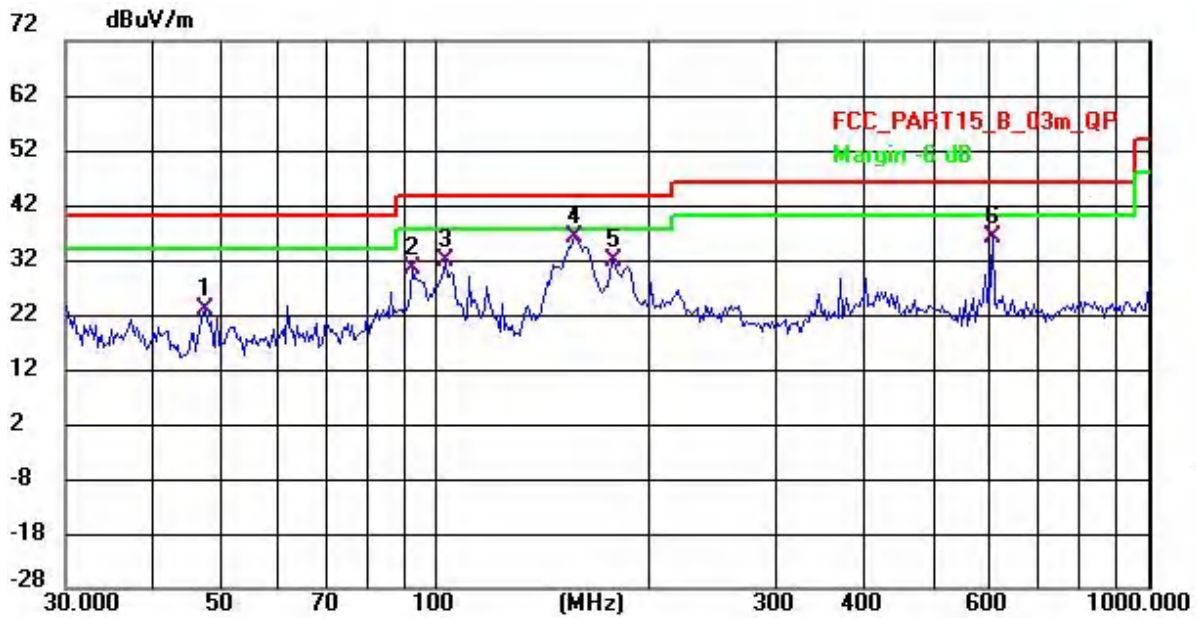
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | <p>transmitter under test.</p> <p>4. The test antenna shall be raised and lowered from 1m to 4m until a maximum signal level is detected by the measuring receiver. Then the turntable should be rotated through 360° in the horizontal plane, until the maximum signal level is detected by the measuring receiver.</p> <p>5. Repeat step 4 for test frequency with the test antenna polarized horizontally.</p> |
| Test setup:       | <p>Below 1GHz</p>  <p>Above 1GHz</p>                                                                                                                                                                                                         |
| Test Instruments: | Refer to section 3.0 for details                                                                                                                                                                                                                                                                                                                                                                                  |
| Test mode:        | Refer to section 2.2 for details                                                                                                                                                                                                                                                                                                                                                                                  |
| Test results:     | Pass                                                                                                                                                                                                                                                                                                                                                                                                              |

### Measurement Data:

We have scanned from 9kHz to the 10th harmonic of the EUT's highest frequency.  
Detailed information please see the following page.

|                                |                                                                                                                                    |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| From 9KHz to 30MHz:            |                                                                                                                                    |
| Test Date : 2025.06.20         | Temperature : 24℃                                                                                                                  |
| Test Engineer : Felix Pang     | Humidity : 56%                                                                                                                     |
| Test Mode : IEEE 802.11ac mode |                                                                                                                                    |
| Test Results : PASS            |                                                                                                                                    |
| Note:                          | The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported. |

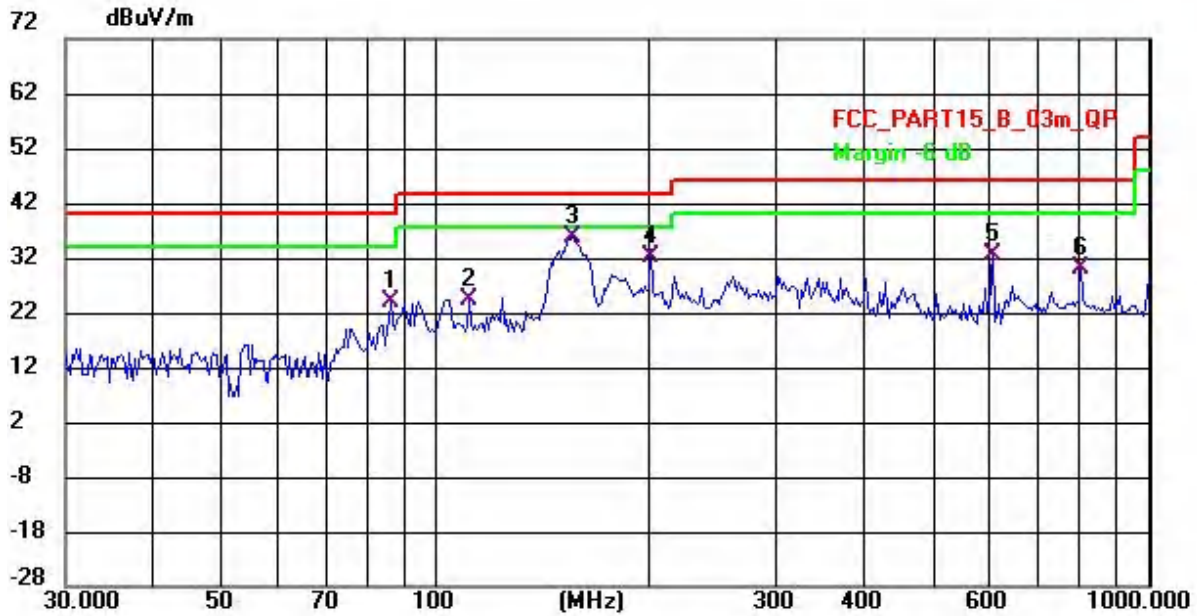
|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| From 30MHz to 1000MHz:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Test Date : 2025.06.20         | Temperature : 24℃                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Test Engineer : Felix Pang     | Humidity : 56%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Test Mode : IEEE 802.11ac mode |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Test Results : PASS            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Note:                          | <ol style="list-style-type: none"><li>1. The test results are listed in next pages.</li><li>2. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector and quasi-peak detector need not be carried out.</li><li>3. All modes and channels have been tested, and only worst data of IEEE 802.11ac20 5180MHz was listed in this report.</li></ol> |

**Polarization: Vertical**

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|----------------|----------------|-------------|----------|
| 1   | 47.0370         | 44.89          | -22.15      | 22.74          | 40.00          | -17.26      | QP       |
| 2   | 92.3461         | 55.89          | -25.52      | 30.37          | 43.50          | -13.13      | QP       |
| 3   | 102.6115        | 56.33          | -24.56      | 31.77          | 43.50          | -11.73      | QP       |
| 4 * | 156.4258        | 56.89          | -20.75      | 36.14          | 43.50          | -7.36       | QP       |
| 5   | 177.5175        | 54.14          | -22.16      | 31.98          | 43.50          | -11.52      | QP       |
| 6   | 602.9287        | 49.71          | -13.71      | 36.00          | 46.00          | -10.00      | QP       |

Level = Reading+ Factor

Margin = Level- Limit

**Polarization: Horizontal**

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|-----|-----------------|----------------|-------------|----------------|----------------|-------------|----------|
| 1   | 86.0794         | 49.81          | -25.80      | 24.01          | 40.00          | -15.99      | QP       |
| 2   | 110.8580        | 48.06          | -23.76      | 24.30          | 43.50          | -19.20      | QP       |
| 3 * | 155.3305        | 56.37          | -20.76      | 35.61          | 43.50          | -7.89       | QP       |
| 4   | 200.0431        | 56.68          | -24.67      | 32.01          | 43.50          | -11.49      | QP       |
| 5   | 602.9287        | 46.16          | -13.71      | 32.45          | 46.00          | -13.55      | QP       |
| 6   | 804.2522        | 39.83          | -9.82       | 30.01          | 46.00          | -15.99      | QP       |

Level = Reading+ Factor

Margin = Level- Limit

**Above 1GHz:**

Not: All of the mode had be tested, only the worse mode of 802.11a are show in the report:

| 802.11a Channel 36 / 5180 MHz UNII-1 |                 |                           |                         |                      |                  |                |                           |                      |                |
|--------------------------------------|-----------------|---------------------------|-------------------------|----------------------|------------------|----------------|---------------------------|----------------------|----------------|
| Frequency                            | Ant.Pol.<br>H/V | Peak<br>reading<br>(dBuV) | AV<br>reading<br>(dBuV) | Correction<br>Factor | Emission Level   |                | Peak<br>Limit<br>(dBuV/m) | AV Limit<br>(dBuV/m) | Margin<br>(dB) |
|                                      |                 |                           |                         |                      | Peak<br>(dBuV/m) | AV<br>(dBuV/m) |                           |                      |                |
| 10651                                | H               | 42.80                     | ---                     | 9.03                 | 51.83            | ---            | 74                        | 54                   | -22.17         |
| 15523                                | H               | 39.14                     | ---                     | 9.87                 | 49.01            | ---            | 74                        | 54                   | -24.99         |
| ---                                  | H               | .                         | ---                     | ---                  | ---              | ---            | ---                       | ---                  | ---            |
|                                      |                 |                           |                         |                      |                  |                |                           |                      |                |
| 10655                                | V               | 44.24                     | ---                     | 9.03                 | 53.27            | ---            | 74                        | 54                   | -20.73         |
| 15542                                | V               | 38.82                     | ---                     | 9.88                 | 48.70            | ---            | 74                        | 54                   | -25.30         |
| ---                                  | V               | ---                       | ---                     | ---                  | ---              | ---            | ---                       | ---                  | ---            |
| 802.11a Channel 40 / 5200 MHz        |                 |                           |                         |                      |                  |                |                           |                      |                |
| Frequency                            | Ant.Pol.<br>H/V | Peak<br>reading<br>(dBuV) | AV<br>reading<br>(dBuV) | Correction<br>Factor | Emission Level   |                | Peak<br>Limit<br>(dBuV/m) | AV Limit<br>(dBuV/m) | Margin<br>(dB) |
|                                      |                 |                           |                         |                      | Peak<br>(dBuV/m) | AV<br>(dBuV/m) |                           |                      |                |
| 10601                                | H               | 44.25                     | ---                     | 9.09                 | 53.34            | ---            | 74                        | 54                   | -20.66         |
| 15600                                | H               | 40.29                     | ---                     | 9.91                 | 50.20            | ---            | 74                        | 54                   | -23.80         |
| ---                                  | H               | ---                       | ---                     | ---                  | ---              | ---            | ---                       | ---                  | ---            |
|                                      |                 |                           |                         |                      |                  |                |                           |                      |                |
| 10601                                | V               | 43.85                     | ---                     | 9.09                 | 52.94            | ---            | 74                        | 54                   | -21.06         |
| 15600                                | V               | 42.69                     | ---                     | 9.91                 | 52.60            | ---            | 74                        | 54                   | -21.40         |
| ---                                  | V               | ---                       | ---                     | ---                  | ---              | ---            | ---                       | ---                  | ---            |
| 802.11a Channel 48 / 5240 MHz        |                 |                           |                         |                      |                  |                |                           |                      |                |
| Frequency                            | Ant.Pol.<br>H/V | Peak<br>reading<br>(dBuV) | AV<br>reading<br>(dBuV) | Correction<br>Factor | Emission Level   |                | Peak<br>Limit<br>(dBuV/m) | AV Limit<br>(dBuV/m) | Margin<br>(dB) |
|                                      |                 |                           |                         |                      | Peak<br>(dBuV/m) | AV<br>(dBuV/m) |                           |                      |                |
| 10680                                | H               | 44.31                     | ---                     | 9.24                 | 53.55            | ---            | 74                        | 54                   | -20.45         |
| 15722                                | H               | 43.18                     | ---                     | 10.01                | 53.19            | ---            | 74                        | 54                   | -20.81         |
| ---                                  | H               | ---                       | ---                     | ---                  | ---              | ---            | ---                       | ---                  | ---            |
|                                      |                 |                           |                         |                      |                  |                |                           |                      |                |
| 10680                                | V               | 44.25                     | ---                     | 9.24                 | 53.49            | ---            | 74                        | 54                   | -20.51         |
| 15722                                | V               | 43.19                     | ---                     | 10.01                | 53.20            | ---            | 74                        | 54                   | -20.80         |
| ---                                  | V               | ---                       | ---                     | ---                  | ---              | ---            | ---                       | ---                  | ---            |

| 802.11a Channel 52 / 5260 MHz UNII-2A |                 |                        |                      |                      |                  |                |                           |                      |                |
|---------------------------------------|-----------------|------------------------|----------------------|----------------------|------------------|----------------|---------------------------|----------------------|----------------|
| Frequency                             | Ant.Pol.<br>H/V | Peak reading<br>(dBuV) | AV reading<br>(dBuV) | Correction<br>Factor | Emission Level   |                | Peak<br>Limit<br>(dBuV/m) | AV Limit<br>(dBuV/m) | Margin<br>(dB) |
|                                       |                 |                        |                      |                      | Peak<br>(dBuV/m) | AV<br>(dBuV/m) |                           |                      |                |
| 10621                                 | H               | 44.52                  | ---                  | 9.44                 | 53.96            | ---            | 74                        | 54                   | -20.04         |
| 15781                                 | H               | 43.83                  | ---                  | 10.12                | 53.95            | ---            | 74                        | 54                   | -20.05         |
| ---                                   | H               | .                      | ---                  | ---                  | ---              | ---            | ---                       | ---                  | ---            |
|                                       |                 |                        |                      |                      |                  |                |                           |                      |                |
| 10623                                 | V               | 43.29                  | ---                  | 9.46                 | 52.75            | ---            | 74                        | 54                   | -21.25         |
| 15782                                 | V               | 43.09                  | ---                  | 10.13                | 53.22            | ---            | 74                        | 54                   | -20.78         |
| ---                                   | V               | ---                    | ---                  | ---                  | ---              | ---            | ---                       | ---                  | ---            |
| 802.11a Channel 56 / 5280 MHz         |                 |                        |                      |                      |                  |                |                           |                      |                |
| Frequency                             | Ant.Pol.<br>H/V | Peak reading<br>(dBuV) | AV reading<br>(dBuV) | Correction<br>Factor | Emission Level   |                | Peak<br>Limit<br>(dBuV/m) | AV Limit<br>(dBuV/m) | Margin<br>(dB) |
|                                       |                 |                        |                      |                      | Peak<br>(dBuV/m) | AV<br>(dBuV/m) |                           |                      |                |
| 10661                                 | H               | 43.23                  | ---                  | 9.51                 | 52.74            | ---            | 74                        | 54                   | -21.26         |
| 15842                                 | H               | 42.96                  | ---                  | 10.51                | 53.47            | ---            | 74                        | 54                   | -20.53         |
| ---                                   | H               | ---                    | ---                  | ---                  | ---              | ---            | ---                       | ---                  | ---            |
|                                       |                 |                        |                      |                      |                  |                |                           |                      |                |
| 10661                                 | V               | 43.64                  | ---                  | 9.51                 | 53.15            | ---            | 74                        | 54                   | -20.85         |
| 15841                                 | V               | 43.37                  | ---                  | 10.49                | 53.86            | ---            | 74                        | 54                   | -20.14         |
| ---                                   | V               | ---                    | ---                  | ---                  | ---              | ---            | ---                       | ---                  | ---            |
| 802.11a Channel 64 / 5320 MHz         |                 |                        |                      |                      |                  |                |                           |                      |                |
| Frequency                             | Ant.Pol.<br>H/V | Peak reading<br>(dBuV) | AV reading<br>(dBuV) | Correction<br>Factor | Emission Level   |                | Peak<br>Limit<br>(dBuV/m) | AV Limit<br>(dBuV/m) | Margin<br>(dB) |
|                                       |                 |                        |                      |                      | Peak<br>(dBuV/m) | AV<br>(dBuV/m) |                           |                      |                |
| 10641                                 | H               | 42.13                  | ---                  | 9.63                 | 51.76            | ---            | 74                        | 54                   | -22.24         |
| 15961                                 | H               | 42.14                  | ---                  | 11.25                | 53.39            | ---            | 74                        | 54                   | -20.61         |
| ---                                   | H               | ---                    | ---                  | ---                  | ---              | ---            | ---                       | ---                  | ---            |
|                                       |                 |                        |                      |                      |                  |                |                           |                      |                |
| 10642                                 | V               | 43.82                  | ---                  | 9.63                 | 53.45            | ---            | 74                        | 54                   | -20.55         |
| 15959                                 | V               | 42.69                  | ---                  | 11.23                | 53.92            | ---            | 74                        | 54                   | -20.08         |
| ---                                   | V               | ---                    | ---                  | ---                  | ---              | ---            | ---                       | ---                  | ---            |

| 802.11a Channel 100 / 5500 MHz UNII-2C |                 |                           |                      |                   |                  |                |                           |                      |                |
|----------------------------------------|-----------------|---------------------------|----------------------|-------------------|------------------|----------------|---------------------------|----------------------|----------------|
| Frequency                              | Ant.Pol.<br>H/V | Peak<br>reading<br>(dBuV) | AV reading<br>(dBuV) | Correction Factor | Emission Level   |                | Peak<br>Limit<br>(dBuV/m) | AV Limit<br>(dBuV/m) | Margin<br>(dB) |
|                                        |                 |                           |                      |                   | Peak<br>(dBuV/m) | AV<br>(dBuV/m) |                           |                      |                |
| 10651                                  | H               | 44.38                     | ---                  | 9.15              | 53.53            | ---            | 74                        | 54                   | -20.47         |
| 15799                                  | H               | 43.60                     | ---                  | 10.25             | 53.85            | ---            | 74                        | 54                   | -20.15         |
| ---                                    | H               | .                         | ---                  | ---               | ---              | ---            | ---                       | ---                  | ---            |
|                                        |                 |                           |                      |                   |                  |                |                           |                      |                |
| 10758                                  | V               | 43.33                     | ---                  | 9.99              | 53.32            | ---            | 74                        | 54                   | -20.68         |
| 15836                                  | V               | 42.92                     | ---                  | 10.95             | 53.87            | ---            | 74                        | 54                   | -20.13         |
| ---                                    | V               | ---                       | ---                  | ---               | ---              | ---            | ---                       | ---                  | ---            |
| 802.11a Channel 116 / 5580 MHz         |                 |                           |                      |                   |                  |                |                           |                      |                |
| Frequency                              | Ant.Pol.<br>H/V | Peak<br>reading<br>(dBuV) | AV reading<br>(dBuV) | Correction Factor | Emission Level   |                | Peak<br>Limit<br>(dBuV/m) | AV Limit<br>(dBuV/m) | Margin<br>(dB) |
|                                        |                 |                           |                      |                   | Peak<br>(dBuV/m) | AV<br>(dBuV/m) |                           |                      |                |
| 10793                                  | H               | 41.07                     | ---                  | 10.01             | 51.08            | ---            | 74                        | 54                   | -22.92         |
| 15902                                  | H               | 42.19                     | ---                  | 10.79             | 52.98            | ---            | 74                        | 54                   | -21.02         |
| ---                                    | H               | ---                       | ---                  | ---               | ---              | ---            | ---                       | ---                  | ---            |
|                                        |                 |                           |                      |                   |                  |                |                           |                      |                |
| 10963                                  | V               | 43.95                     | ---                  | 10.05             | 54.00            | ---            | 74                        | 54                   | -20.00         |
| 15991                                  | V               | 41.31                     | ---                  | 11.93             | 53.24            | ---            | 74                        | 54                   | -20.76         |
| ---                                    | V               | ---                       | ---                  | ---               | ---              | ---            | ---                       | ---                  | ---            |
| 802.11a Channel 140 / 5700 MHz         |                 |                           |                      |                   |                  |                |                           |                      |                |
| Frequency                              | Ant.Pol.<br>H/V | Peak<br>reading<br>(dBuV) | AV reading<br>(dBuV) | Correction Factor | Emission Level   |                | Peak<br>Limit<br>(dBuV/m) | AV Limit<br>(dBuV/m) | Margin<br>(dB) |
|                                        |                 |                           |                      |                   | Peak<br>(dBuV/m) | AV<br>(dBuV/m) |                           |                      |                |
| 10789                                  | H               | 43.95                     | ---                  | 10.00             | 53.95            | ---            | 74                        | 54                   | -20.05         |
| 16199                                  | H               | 40.99                     | ---                  | 12.04             | 53.03            | ---            | 74                        | 54                   | -20.97         |
| ---                                    | H               | ---                       | ---                  | ---               | ---              | ---            | ---                       | ---                  | ---            |
|                                        |                 |                           |                      |                   |                  |                |                           |                      |                |
| 10853                                  | V               | 43.40                     | ---                  | 10.12             | 53.52            | ---            | 74                        | 54                   | -20.48         |
| 16014                                  | V               | 42.21                     | ---                  | 11.32             | 53.53            | ---            | 74                        | 54                   | -20.47         |
| ---                                    | V               | ---                       | ---                  | ---               | ---              | ---            | ---                       | ---                  | ---            |

| 802.11a Channel 149 / 5745 MHz UNII-3 |                  |                           |                      |                   |                  |                |                           |                      |                |
|---------------------------------------|------------------|---------------------------|----------------------|-------------------|------------------|----------------|---------------------------|----------------------|----------------|
| Frequency                             | Ant. Pol.<br>H/V | Peak<br>reading<br>(dBuV) | AV reading<br>(dBuV) | Correction Factor | Emission Level   |                | Peak<br>Limit<br>(dBuV/m) | AV Limit<br>(dBuV/m) | Margin<br>(dB) |
|                                       |                  |                           |                      |                   | Peak<br>(dBuV/m) | AV<br>(dBuV/m) |                           |                      |                |
| 11491                                 | H                | 43.44                     | ---                  | 9.81              | 53.25            | ---            | 74                        | 54                   | -20.75         |
| 17736                                 | H                | 40.74                     | ---                  | 12.96             | 53.70            | ---            | 74                        | 54                   | -20.30         |
| ---                                   | H                | .                         | ---                  | ---               | ---              | ---            | ---                       | ---                  | ---            |
|                                       |                  |                           |                      |                   |                  |                |                           |                      |                |
| 11493                                 | V                | 42.82                     | ---                  | 9.81              | 52.63            | ---            | 74                        | 54                   | -21.37         |
| 17735                                 | V                | 40.42                     | ---                  | 12.95             | 53.37            | ---            | 74                        | 54                   | -20.63         |
| ---                                   | V                | ---                       | ---                  | ---               | ---              | ---            | ---                       | ---                  | ---            |
| 802.11a Channel 153 / 5765 MHz        |                  |                           |                      |                   |                  |                |                           |                      |                |
| Frequency                             | Ant. Pol.<br>H/V | Peak<br>reading<br>(dBuV) | AV reading<br>(dBuV) | Correction Factor | Emission Level   |                | Peak<br>Limit<br>(dBuV/m) | AV Limit<br>(dBuV/m) | Margin<br>(dB) |
|                                       |                  |                           |                      |                   | Peak<br>(dBuV/m) | AV<br>(dBuV/m) |                           |                      |                |
| 11531                                 | H                | 43.39                     | ---                  | 9.91              | 53.30            | ---            | 74                        | 54                   | -20.70         |
| 17796                                 | H                | 39.51                     | ---                  | 13.21             | 52.72            | ---            | 74                        | 54                   | -21.28         |
| ---                                   | H                | ---                       | ---                  | ---               | ---              | ---            | ---                       | ---                  | ---            |
|                                       |                  |                           |                      |                   |                  |                |                           |                      |                |
| 11532                                 | V                | 43.89                     | ---                  | 9.92              | 53.81            | ---            | 74                        | 54                   | -20.19         |
| 17797                                 | V                | 40.48                     | ---                  | 13.22             | 53.70            | ---            | 74                        | 54                   | -20.30         |
| ---                                   | V                | ---                       | ---                  | ---               | ---              | ---            | ---                       | ---                  | ---            |
| 802.11a Channel 165 / 5825 MHz        |                  |                           |                      |                   |                  |                |                           |                      |                |
| Frequency                             | Ant. Pol.<br>H/V | Peak<br>reading<br>(dBuV) | AV reading<br>(dBuV) | Correction Factor | Emission Level   |                | Peak<br>Limit<br>(dBuV/m) | AV Limit<br>(dBuV/m) | Margin<br>(dB) |
|                                       |                  |                           |                      |                   | Peak<br>(dBuV/m) | AV<br>(dBuV/m) |                           |                      |                |
| 11651                                 | H                | 43.84                     | ---                  | 10.01             | 53.85            | ---            | 74                        | 54                   | -20.15         |
| 17478                                 | H                | 39.09                     | ---                  | 14.01             | 53.10            | ---            | 74                        | 54                   | -20.90         |
| ---                                   | H                | ---                       | ---                  | ---               | ---              | ---            | ---                       | ---                  | ---            |
|                                       |                  |                           |                      |                   |                  |                |                           |                      |                |
| 11649                                 | V                | 42.94                     | ---                  | 9.98              | 52.92            | ---            | 74                        | 54                   | -21.08         |
| 17477                                 | V                | 39.53                     | ---                  | 13.99             | 53.52            | ---            | 74                        | 54                   | -20.48         |
| ---                                   | V                | ---                       | ---                  | ---               | ---              | ---            | ---                       | ---                  | ---            |

**Note:**

1. Level = Read Level + Factor. (Factor=Antenna Factor+ Cable loss- Preamp Factor)
2. The test trace is same as the ambient noise (the test frequency range: 18GHz~40GHz), therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.



#### 4.8 Frequency stability

|               |                                                                                                                                                                                                                              |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Standard | 15.407(g)                                                                                                                                                                                                                    |
| Test limit    | Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual. |
| Test results: | Pass                                                                                                                                                                                                                         |

#### Measurement Data:

| Voltage  |         |           |               |                  |                |                 |             |         |
|----------|---------|-----------|---------------|------------------|----------------|-----------------|-------------|---------|
| TestMode | Antenna | Freq(MHz) | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 11aSISO  | Ant1    | 5180      | LV            | NT               | -20000.00      | -3.861004       | 20          | PASS    |
|          |         |           | HV            | NT               | -20000.00      | -3.861004       | 20          | PASS    |
|          |         | 5200      | NV            | NT               | -20000.00      | -3.846154       | 20          | PASS    |
|          |         |           | LV            | NT               | -20000.00      | -3.846154       | 20          | PASS    |
|          |         |           | HV            | NT               | -20000.00      | -3.846154       | 20          | PASS    |
|          |         | 5240      | NV            | NT               | -20000.00      | -3.816794       | 20          | PASS    |
|          |         |           | LV            | NT               | -20000.00      | -3.816794       | 20          | PASS    |
|          |         |           | HV            | NT               | -40000.00      | -7.633588       | 20          | PASS    |
|          |         | 5260      | NV            | NT               | -20000.00      | -3.802281       | 20          | PASS    |
|          |         |           | LV            | NT               | -20000.00      | -3.802281       | 20          | PASS    |
|          |         |           | HV            | NT               | -20000.00      | -3.802281       | 20          | PASS    |
|          |         | 5280      | NV            | NT               | -40000.00      | -7.575758       | 20          | PASS    |
|          |         |           | LV            | NT               | -20000.00      | -3.787879       | 20          | PASS    |
|          |         |           | HV            | NT               | -20000.00      | -3.787879       | 20          | PASS    |
|          |         | 5320      | NV            | NT               | -20000.00      | -3.759398       | 20          | PASS    |
|          |         |           | LV            | NT               | -20000.00      | -3.759398       | 20          | PASS    |
|          |         |           | HV            | NT               | -20000.00      | -3.759398       | 20          | PASS    |
|          |         | 5500      | NV            | NT               | -40000.00      | -7.272727       | 20          | PASS    |
|          |         |           | LV            | NT               | -20000.00      | -3.636364       | 20          | PASS    |
|          |         |           | HV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
|          |         | 5580      | NV            | NT               | -20000.00      | -3.584229       | 20          | PASS    |
|          |         |           | LV            | NT               | -20000.00      | -3.584229       | 20          | PASS    |
|          |         |           | HV            | NT               | -20000.00      | -3.584229       | 20          | PASS    |
|          |         | 5700      | NV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
|          |         |           | LV            | NT               | -20000.00      | -3.508772       | 20          | PASS    |
|          |         |           | HV            | NT               | -20000.00      | -3.508772       | 20          | PASS    |
|          |         | 5745      | NV            | NT               | -40000.00      | -6.962576       | 20          | PASS    |
|          |         |           | LV            | NT               | -40000.00      | -6.962576       | 20          | PASS    |

|           |      |      |    |    |           |            |    |      |
|-----------|------|------|----|----|-----------|------------|----|------|
|           |      | 5785 | HV | NT | -40000.00 | -6.962576  | 20 | PASS |
|           |      |      | NV | NT | -40000.00 | -6.914434  | 20 | PASS |
|           |      |      | LV | NT | -40000.00 | -6.914434  | 20 | PASS |
|           |      |      | HV | NT | -20000.00 | -3.457217  | 20 | PASS |
|           |      | 5825 | NV | NT | -40000.00 | -6.866953  | 20 | PASS |
|           |      |      | LV | NT | -40000.00 | -6.866953  | 20 | PASS |
|           |      |      | HV | NT | -20000.00 | -3.433476  | 20 | PASS |
|           |      |      | NV | NT | -20000.00 | -3.861004  | 20 | PASS |
|           |      | 5180 | LV | NT | -40000.00 | -7.722008  | 20 | PASS |
|           |      |      | HV | NT | -40000.00 | -7.722008  | 20 | PASS |
| 11N20SISO | Ant1 | 5200 | NV | NT | -40000.00 | -7.692308  | 20 | PASS |
|           |      |      | LV | NT | -40000.00 | -7.692308  | 20 | PASS |
|           |      |      | HV | NT | -20000.00 | -3.846154  | 20 | PASS |
|           |      | 5240 | NV | NT | -40000.00 | -7.633588  | 20 | PASS |
|           |      |      | LV | NT | -40000.00 | -7.633588  | 20 | PASS |
|           |      |      | HV | NT | -60000.00 | -11.450382 | 20 | PASS |
|           |      | 5260 | NV | NT | -40000.00 | -7.604563  | 20 | PASS |
|           |      |      | LV | NT | -40000.00 | -7.604563  | 20 | PASS |
|           |      |      | HV | NT | -40000.00 | -7.604563  | 20 | PASS |
|           |      | 5280 | NV | NT | -40000.00 | -7.575758  | 20 | PASS |
|           |      |      | LV | NT | -40000.00 | -7.575758  | 20 | PASS |
|           |      |      | HV | NT | -40000.00 | -7.575758  | 20 | PASS |
|           |      | 5320 | NV | NT | -40000.00 | -7.518797  | 20 | PASS |
|           |      |      | LV | NT | -40000.00 | -7.518797  | 20 | PASS |
|           |      |      | HV | NT | -40000.00 | -7.518797  | 20 | PASS |
|           |      | 5500 | NV | NT | -40000.00 | -7.272727  | 20 | PASS |
|           |      |      | LV | NT | -20000.00 | -3.636364  | 20 | PASS |
|           |      |      | HV | NT | -20000.00 | -3.636364  | 20 | PASS |
|           |      | 5580 | NV | NT | -40000.00 | -7.168459  | 20 | PASS |
|           |      |      | LV | NT | -60000.00 | -10.752688 | 20 | PASS |
|           |      |      | HV | NT | -20000.00 | -3.584229  | 20 | PASS |
|           |      | 5700 | NV | NT | -40000.00 | -7.017544  | 20 | PASS |
|           |      |      | LV | NT | -20000.00 | -3.508772  | 20 | PASS |
|           |      |      | HV | NT | -40000.00 | -7.017544  | 20 | PASS |
|           |      | 5745 | NV | NT | -20000.00 | -3.481288  | 20 | PASS |
|           |      |      | LV | NT | -40000.00 | -6.962576  | 20 | PASS |
|           |      |      | HV | NT | -20000.00 | -3.481288  | 20 | PASS |
|           |      | 5785 | NV | NT | -40000.00 | -7.604563  | 20 | PASS |
|           |      |      | LV | NT | -40000.00 | -7.604563  | 20 | PASS |

|                |      |      |    |    |           |            |    |      |
|----------------|------|------|----|----|-----------|------------|----|------|
|                |      | 5825 | HV | NT | -40000.00 | -7.604563  | 20 | PASS |
|                |      |      | NV | NT | -40000.00 | -7.604563  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -7.604563  | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.604563  | 20 | PASS |
| 11N40SISO      | Ant1 | 5190 | NV | NT | -40000.00 | -7.707129  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -7.707129  | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.707129  | 20 | PASS |
|                |      | 5230 | NV | NT | 40000.00  | 7.648184   | 20 | PASS |
|                |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      | 5270 | NV | NT | -80000.00 | -15.180266 | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -7.590133  | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.590133  | 20 | PASS |
|                |      | 5310 | NV | NT | -40000.00 | -7.532957  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -7.532957  | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.532957  | 20 | PASS |
|                |      | 5510 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | HV | NT | 40000.00  | 7.259528   | 20 | PASS |
|                |      | 5550 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.207207  | 20 | PASS |
|                |      | 5670 | NV | NT | 40000.00  | 7.054674   | 20 | PASS |
|                |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.054674  | 20 | PASS |
|                |      | 5755 | NV | NT | -40000.00 | -6.902502  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -6.902502  | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -6.902502  | 20 | PASS |
|                |      | 5795 | NV | NT | -40000.00 | -6.902502  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -6.902502  | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -6.902502  | 20 | PASS |
| 11AC20SIS<br>O | Ant1 | 5180 | NV | NT | -60000.00 | -11.583012 | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -7.722008  | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.722008  | 20 | PASS |
|                |      | 5200 | NV | NT | -20000.00 | -3.846154  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -7.692308  | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.692308  | 20 | PASS |
|                |      | 5240 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | LV | NT | -20000.00 | -3.816794  | 20 | PASS |

|                |      |      |    |    |           |            |    |      |
|----------------|------|------|----|----|-----------|------------|----|------|
|                |      |      | HV | NT | -40000.00 | -7.633588  | 20 | PASS |
|                |      | 5260 | NV | NT | -20000.00 | -3.802281  | 20 | PASS |
|                |      |      | LV | NT | -20000.00 | -3.802281  | 20 | PASS |
|                |      |      | HV | NT | -60000.00 | -11.406844 | 20 | PASS |
|                |      | 5280 | NV | NT | -20000.00 | -3.787879  | 20 | PASS |
|                |      |      | LV | NT | -20000.00 | -3.787879  | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.575758  | 20 | PASS |
|                |      | 5320 | NV | NT | -20000.00 | -3.759398  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -7.518797  | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.518797  | 20 | PASS |
|                |      | 5500 | NV | NT | -40000.00 | -7.272727  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -7.272727  | 20 | PASS |
|                |      |      | HV | NT | -20000.00 | -3.636364  | 20 | PASS |
|                |      | 5580 | NV | NT | -40000.00 | -7.168459  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -7.168459  | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.168459  | 20 | PASS |
|                |      | 5700 | NV | NT | -40000.00 | -7.017544  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -7.017544  | 20 | PASS |
|                |      |      | HV | NT | -20000.00 | -3.508772  | 20 | PASS |
|                |      | 5745 | NV | NT | -40000.00 | -7.017544  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -6.962576  | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.017544  | 20 | PASS |
|                |      | 5785 | NV | NT | -40000.00 | -7.017544  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -7.017544  | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.017544  | 20 | PASS |
|                |      | 5825 | NV | NT | -40000.00 | -7.017544  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -7.518797  | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.518797  | 20 | PASS |
| 11AC40SIS<br>O | Ant1 | 5190 | NV | NT | -40000.00 | -7.272727  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -7.272727  | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.518797  | 20 | PASS |
|                |      | 5230 | NV | NT | -40000.00 | -7.518797  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -7.518797  | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.272727  | 20 | PASS |
|                |      | 5270 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.590133  | 20 | PASS |
|                |      | 5310 | NV | NT | -40000.00 | -7.532957  | 20 | PASS |
|                |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |

|                |      |      |    |    |           |            |    |      |
|----------------|------|------|----|----|-----------|------------|----|------|
|                |      | 5510 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.259528  | 20 | PASS |
|                |      | 5550 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      | 5670 | NV | NT | -40000.00 | -7.054674  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -7.054674  | 20 | PASS |
|                |      |      | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      | 5755 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      | 5795 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SIS<br>O | Ant1 | 5210 | NV | NT | 80000.00  | 15.355086  | 20 | PASS |
|                |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      | 5290 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      | 5530 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      | 5610 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | HV | NT | -80000.00 | -14.260250 | 20 | PASS |
|                |      | 5775 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | HV | NT | 0.00      | 0.000000   | 20 | PASS |

| Temperature |         |            |               |                  |                |                 |             |         |
|-------------|---------|------------|---------------|------------------|----------------|-----------------|-------------|---------|
| TestMode    | Antenna | Freq (MHz) | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 11aSISO     | Ant1    | 5180       | NV            | -20              | -20000.00      | -3.861004       | 20          | PASS    |
|             |         |            | NV            | -10              | -20000.00      | -3.861004       | 20          | PASS    |
|             |         |            | NV            | 0                | -20000.00      | -3.861004       | 20          | PASS    |
|             |         |            | NV            | 10               | -20000.00      | -3.861004       | 20          | PASS    |
|             |         |            | NV            | 20               | -20000.00      | -3.861004       | 20          | PASS    |
|             |         |            | NV            | 30               | -20000.00      | -3.861004       | 20          | PASS    |
|             |         |            | NV            | 40               | -40000.00      | -7.722008       | 20          | PASS    |
|             |         |            | NV            | 50               | -20000.00      | -3.861004       | 20          | PASS    |
|             |         | 5200       | NV            | -30              | -20000.00      | -3.846154       | 20          | PASS    |
|             |         |            | NV            | -20              | -40000.00      | -7.692308       | 20          | PASS    |
|             |         |            | NV            | -10              | -40000.00      | -7.692308       | 20          | PASS    |
|             |         |            | NV            | 0                | -20000.00      | -3.846154       | 20          | PASS    |
|             |         |            | NV            | 10               | -20000.00      | -3.846154       | 20          | PASS    |
|             |         |            | NV            | 20               | -20000.00      | -3.846154       | 20          | PASS    |
|             |         |            | NV            | 30               | -20000.00      | -3.846154       | 20          | PASS    |
|             |         |            | NV            | 40               | -40000.00      | -7.692308       | 20          | PASS    |
|             |         |            | NV            | 50               | -40000.00      | -7.692308       | 20          | PASS    |
|             |         | 5240       | NV            | -30              | -20000.00      | -3.816794       | 20          | PASS    |
|             |         |            | NV            | -20              | -20000.00      | -3.816794       | 20          | PASS    |
|             |         |            | NV            | -10              | -40000.00      | -7.633588       | 20          | PASS    |
|             |         |            | NV            | 0                | -20000.00      | -3.816794       | 20          | PASS    |
|             |         |            | NV            | 10               | -40000.00      | -7.633588       | 20          | PASS    |
|             |         |            | NV            | 20               | -20000.00      | -3.816794       | 20          | PASS    |
|             |         |            | NV            | 30               | -20000.00      | -3.816794       | 20          | PASS    |
|             |         |            | NV            | 40               | -40000.00      | -7.633588       | 20          | PASS    |
|             |         |            | NV            | 50               | -20000.00      | -3.816794       | 20          | PASS    |
|             |         | 5260       | NV            | -30              | -20000.00      | -3.802281       | 20          | PASS    |
|             |         |            | NV            | -20              | -40000.00      | -7.604563       | 20          | PASS    |
|             |         |            | NV            | -10              | -20000.00      | -3.802281       | 20          | PASS    |
|             |         |            | NV            | 0                | -20000.00      | -3.802281       | 20          | PASS    |
|             |         |            | NV            | 10               | -20000.00      | -3.802281       | 20          | PASS    |
|             |         |            | NV            | 20               | -40000.00      | -7.604563       | 20          | PASS    |
|             |         |            | NV            | 30               | -20000.00      | -3.802281       | 20          | PASS    |
|             |         |            | NV            | 40               | -20000.00      | -3.802281       | 20          | PASS    |
|             |         |            | NV            | 50               | -20000.00      | -3.802281       | 20          | PASS    |

|  |  |      |    |     |           |           |    |      |
|--|--|------|----|-----|-----------|-----------|----|------|
|  |  | 5280 | NV | -30 | -20000.00 | -3.787879 | 20 | PASS |
|  |  |      | NV | -20 | -20000.00 | -3.787879 | 20 | PASS |
|  |  |      | NV | -10 | -20000.00 | -3.787879 | 20 | PASS |
|  |  |      | NV | 0   | -20000.00 | -3.787879 | 20 | PASS |
|  |  |      | NV | 10  | -20000.00 | -3.787879 | 20 | PASS |
|  |  |      | NV | 20  | -20000.00 | -3.787879 | 20 | PASS |
|  |  |      | NV | 30  | -20000.00 | -3.787879 | 20 | PASS |
|  |  |      | NV | 40  | -40000.00 | -7.575758 | 20 | PASS |
|  |  |      | NV | 50  | -20000.00 | -3.787879 | 20 | PASS |
|  |  | 5320 | NV | -30 | -20000.00 | -3.759398 | 20 | PASS |
|  |  |      | NV | -20 | -20000.00 | -3.759398 | 20 | PASS |
|  |  |      | NV | -10 | -20000.00 | -3.759398 | 20 | PASS |
|  |  |      | NV | 0   | -20000.00 | -3.759398 | 20 | PASS |
|  |  |      | NV | 10  | -20000.00 | -3.759398 | 20 | PASS |
|  |  |      | NV | 20  | -20000.00 | -3.759398 | 20 | PASS |
|  |  |      | NV | 30  | -20000.00 | -3.759398 | 20 | PASS |
|  |  |      | NV | 40  | -20000.00 | -3.759398 | 20 | PASS |
|  |  |      | NV | 50  | -20000.00 | -3.759398 | 20 | PASS |
|  |  | 5500 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | -20 | -20000.00 | -3.636364 | 20 | PASS |
|  |  |      | NV | -10 | -40000.00 | -7.272727 | 20 | PASS |
|  |  |      | NV | 0   | -20000.00 | -3.636364 | 20 | PASS |
|  |  |      | NV | 10  | -20000.00 | -3.636364 | 20 | PASS |
|  |  |      | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 40  | -20000.00 | -3.636364 | 20 | PASS |
|  |  |      | NV | 50  | -20000.00 | -3.636364 | 20 | PASS |
|  |  | 5580 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | -20 | -40000.00 | -7.168459 | 20 | PASS |
|  |  |      | NV | -10 | -20000.00 | -3.584229 | 20 | PASS |
|  |  |      | NV | 0   | -20000.00 | -3.584229 | 20 | PASS |
|  |  |      | NV | 10  | -20000.00 | -3.584229 | 20 | PASS |
|  |  |      | NV | 20  | -20000.00 | -3.584229 | 20 | PASS |
|  |  |      | NV | 30  | -20000.00 | -3.584229 | 20 | PASS |
|  |  |      | NV | 40  | -20000.00 | -3.584229 | 20 | PASS |
|  |  |      | NV | 50  | -20000.00 | -3.584229 | 20 | PASS |
|  |  | 5700 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | -20 | -20000.00 | -3.508772 | 20 | PASS |
|  |  |      | NV | -10 | -20000.00 | -3.508772 | 20 | PASS |

|           |      |      |    |     |           |           |    |      |
|-----------|------|------|----|-----|-----------|-----------|----|------|
|           |      |      | NV | 0   | -20000.00 | -3.508772 | 20 | PASS |
|           |      |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|           |      |      | NV | 20  | -20000.00 | -3.508772 | 20 | PASS |
|           |      |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|           |      |      | NV | 40  | -20000.00 | -3.508772 | 20 | PASS |
|           |      |      | NV | 50  | -20000.00 | -3.508772 | 20 | PASS |
|           |      | 5745 | NV | -30 | -40000.00 | -6.962576 | 20 | PASS |
|           |      |      | NV | -20 | -40000.00 | -6.962576 | 20 | PASS |
|           |      |      | NV | -10 | -40000.00 | -6.962576 | 20 | PASS |
|           |      |      | NV | 0   | -40000.00 | -6.962576 | 20 | PASS |
|           |      |      | NV | 10  | -20000.00 | -3.481288 | 20 | PASS |
|           |      |      | NV | 20  | -20000.00 | -3.481288 | 20 | PASS |
|           |      |      | NV | 30  | -40000.00 | -6.962576 | 20 | PASS |
|           |      |      | NV | 40  | -40000.00 | -6.962576 | 20 | PASS |
|           |      |      | NV | 50  | -40000.00 | -6.962576 | 20 | PASS |
|           |      | 5785 | NV | -30 | -40000.00 | -6.914434 | 20 | PASS |
|           |      |      | NV | -20 | -20000.00 | -3.457217 | 20 | PASS |
|           |      |      | NV | -10 | -40000.00 | -6.914434 | 20 | PASS |
|           |      |      | NV | 0   | -40000.00 | -6.914434 | 20 | PASS |
|           |      |      | NV | 10  | -40000.00 | -6.914434 | 20 | PASS |
|           |      |      | NV | 20  | -40000.00 | -6.914434 | 20 | PASS |
|           |      |      | NV | 30  | -40000.00 | -6.914434 | 20 | PASS |
|           |      |      | NV | 40  | -40000.00 | -6.914434 | 20 | PASS |
|           |      |      | NV | 50  | -40000.00 | -6.914434 | 20 | PASS |
|           |      | 5825 | NV | -30 | -40000.00 | -6.866953 | 20 | PASS |
|           |      |      | NV | -20 | -40000.00 | -6.866953 | 20 | PASS |
|           |      |      | NV | -10 | -40000.00 | -6.866953 | 20 | PASS |
|           |      |      | NV | 0   | -40000.00 | -6.866953 | 20 | PASS |
|           |      |      | NV | 10  | -40000.00 | -6.866953 | 20 | PASS |
|           |      |      | NV | 20  | -40000.00 | -6.866953 | 20 | PASS |
|           |      |      | NV | 30  | -40000.00 | -6.866953 | 20 | PASS |
|           |      |      | NV | 40  | -40000.00 | -6.866953 | 20 | PASS |
|           |      |      | NV | 40  | -40000.00 | -6.866953 | 20 | PASS |
|           |      |      | NV | 40  | -40000.00 | -6.866953 | 20 | PASS |
| 11aSISO   | Ant1 |      | NV | 40  | -40000.00 | -6.866953 | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | -30 | -20000.00 | -3.861004 | 20 | PASS |
|           |      |      | NV | -20 | -40000.00 | -7.722008 | 20 | PASS |
|           |      |      | NV | -10 | -40000.00 | -7.722008 | 20 | PASS |
|           |      |      | NV | 0   | -40000.00 | -7.722008 | 20 | PASS |

|  |  |      |    |     |           |            |    |      |
|--|--|------|----|-----|-----------|------------|----|------|
|  |  |      | NV | 10  | -40000.00 | -7.722008  | 20 | PASS |
|  |  |      | NV | 20  | -40000.00 | -7.722008  | 20 | PASS |
|  |  |      | NV | 30  | -40000.00 | -7.722008  | 20 | PASS |
|  |  |      | NV | 40  | -20000.00 | -3.861004  | 20 | PASS |
|  |  |      | NV | 50  | -40000.00 | -7.722008  | 20 | PASS |
|  |  | 5200 | NV | -30 | -40000.00 | -7.692308  | 20 | PASS |
|  |  |      | NV | -20 | -20000.00 | -3.846154  | 20 | PASS |
|  |  |      | NV | -10 | -40000.00 | -7.692308  | 20 | PASS |
|  |  |      | NV | 0   | -40000.00 | -7.692308  | 20 | PASS |
|  |  |      | NV | 10  | -20000.00 | -3.846154  | 20 | PASS |
|  |  |      | NV | 20  | -40000.00 | -7.692308  | 20 | PASS |
|  |  |      | NV | 30  | -40000.00 | -7.692308  | 20 | PASS |
|  |  |      | NV | 40  | -40000.00 | -7.692308  | 20 | PASS |
|  |  |      | NV | 50  | -40000.00 | -7.692308  | 20 | PASS |
|  |  | 5240 | NV | -30 | -40000.00 | -7.633588  | 20 | PASS |
|  |  |      | NV | -20 | -40000.00 | -7.633588  | 20 | PASS |
|  |  |      | NV | -10 | -40000.00 | -7.633588  | 20 | PASS |
|  |  |      | NV | 0   | -40000.00 | -7.633588  | 20 | PASS |
|  |  |      | NV | 10  | -60000.00 | -11.450382 | 20 | PASS |
|  |  |      | NV | 20  | -40000.00 | -7.633588  | 20 | PASS |
|  |  |      | NV | 30  | -20000.00 | -3.816794  | 20 | PASS |
|  |  |      | NV | 40  | -40000.00 | -7.633588  | 20 | PASS |
|  |  |      | NV | 50  | -40000.00 | -7.633588  | 20 | PASS |
|  |  | 5260 | NV | -30 | -40000.00 | -7.604563  | 20 | PASS |
|  |  |      | NV | -20 | -40000.00 | -7.604563  | 20 | PASS |
|  |  |      | NV | -10 | -40000.00 | -7.604563  | 20 | PASS |
|  |  |      | NV | 0   | -40000.00 | -7.604563  | 20 | PASS |
|  |  |      | NV | 10  | -40000.00 | -7.604563  | 20 | PASS |
|  |  |      | NV | 20  | -40000.00 | -7.604563  | 20 | PASS |
|  |  |      | NV | 30  | -40000.00 | -7.604563  | 20 | PASS |
|  |  |      | NV | 40  | -40000.00 | -7.604563  | 20 | PASS |
|  |  |      | NV | 50  | -40000.00 | -7.604563  | 20 | PASS |
|  |  | 5280 | NV | -30 | -40000.00 | -7.575758  | 20 | PASS |
|  |  |      | NV | -20 | -20000.00 | -3.787879  | 20 | PASS |
|  |  |      | NV | -10 | -40000.00 | -7.575758  | 20 | PASS |
|  |  |      | NV | 0   | -40000.00 | -7.575758  | 20 | PASS |
|  |  |      | NV | 10  | -40000.00 | -7.575758  | 20 | PASS |
|  |  |      | NV | 20  | -40000.00 | -7.575758  | 20 | PASS |
|  |  |      | NV | 30  | -40000.00 | -7.575758  | 20 | PASS |
|  |  |      | NV | 30  | -40000.00 | -7.575758  | 20 | PASS |

|  |  |      |    |     |           |            |    |      |
|--|--|------|----|-----|-----------|------------|----|------|
|  |  |      | NV | 40  | -40000.00 | -7.575758  | 20 | PASS |
|  |  |      | NV | 50  | -40000.00 | -7.575758  | 20 | PASS |
|  |  | 5320 | NV | -30 | -40000.00 | -7.518797  | 20 | PASS |
|  |  |      | NV | -20 | -40000.00 | -7.518797  | 20 | PASS |
|  |  |      | NV | -10 | -40000.00 | -7.518797  | 20 | PASS |
|  |  |      | NV | 0   | -40000.00 | -7.518797  | 20 | PASS |
|  |  |      | NV | 10  | -40000.00 | -7.518797  | 20 | PASS |
|  |  |      | NV | 20  | -40000.00 | -7.518797  | 20 | PASS |
|  |  |      | NV | 30  | -40000.00 | -7.518797  | 20 | PASS |
|  |  |      | NV | 40  | -40000.00 | -7.518797  | 20 | PASS |
|  |  |      | NV | 50  | -40000.00 | -7.518797  | 20 | PASS |
|  |  | 5500 | NV | -30 | -40000.00 | -7.272727  | 20 | PASS |
|  |  |      | NV | -20 | -20000.00 | -3.636364  | 20 | PASS |
|  |  |      | NV | -10 | -40000.00 | -7.272727  | 20 | PASS |
|  |  |      | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
|  |  |      | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
|  |  |      | NV | 20  | -40000.00 | -7.272727  | 20 | PASS |
|  |  |      | NV | 30  | -40000.00 | -7.272727  | 20 | PASS |
|  |  |      | NV | 40  | -40000.00 | -7.272727  | 20 | PASS |
|  |  |      | NV | 50  | -40000.00 | -7.272727  | 20 | PASS |
|  |  | 5580 | NV | -30 | -40000.00 | -7.168459  | 20 | PASS |
|  |  |      | NV | -20 | -40000.00 | -7.168459  | 20 | PASS |
|  |  |      | NV | -10 | -20000.00 | -3.584229  | 20 | PASS |
|  |  |      | NV | 0   | -20000.00 | -3.584229  | 20 | PASS |
|  |  |      | NV | 10  | -40000.00 | -7.168459  | 20 | PASS |
|  |  |      | NV | 20  | -20000.00 | -3.584229  | 20 | PASS |
|  |  |      | NV | 30  | -40000.00 | -7.168459  | 20 | PASS |
|  |  |      | NV | 40  | -20000.00 | -3.584229  | 20 | PASS |
|  |  |      | NV | 50  | -40000.00 | -7.168459  | 20 | PASS |
|  |  | 5700 | NV | -30 | -40000.00 | -7.017544  | 20 | PASS |
|  |  |      | NV | -20 | -40000.00 | -7.017544  | 20 | PASS |
|  |  |      | NV | -10 | -20000.00 | -3.508772  | 20 | PASS |
|  |  |      | NV | 0   | -20000.00 | -3.508772  | 20 | PASS |
|  |  |      | NV | 10  | -60000.00 | -10.526316 | 20 | PASS |
|  |  |      | NV | 20  | -40000.00 | -7.017544  | 20 | PASS |
|  |  |      | NV | 30  | -40000.00 | -7.017544  | 20 | PASS |
|  |  |      | NV | 40  | -20000.00 | -3.508772  | 20 | PASS |
|  |  |      | NV | 50  | -20000.00 | -3.508772  | 20 | PASS |
|  |  | 5745 | NV | -30 | -20000.00 | -3.481288  | 20 | PASS |

|           |      |      |    |     |           |            |    |      |
|-----------|------|------|----|-----|-----------|------------|----|------|
|           |      |      | NV | -20 | -40000.00 | -6.962576  | 20 | PASS |
|           |      |      | NV | -10 | -20000.00 | -3.508772  | 20 | PASS |
|           |      |      | NV | 0   | -20000.00 | -3.508772  | 20 | PASS |
|           |      |      | NV | 10  | -20000.00 | -3.481288  | 20 | PASS |
|           |      |      | NV | 20  | -20000.00 | -3.508772  | 20 | PASS |
|           |      |      | NV | 30  | -20000.00 | -3.508772  | 20 | PASS |
|           |      |      | NV | 40  | -20000.00 | -3.481288  | 20 | PASS |
|           |      |      | NV | 50  | -20000.00 | -3.481288  | 20 | PASS |
|           |      | 5785 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
|           |      |      | NV | -20 | -20000.00 | -3.508772  | 20 | PASS |
|           |      |      | NV | -10 | -20000.00 | -3.508772  | 20 | PASS |
|           |      |      | NV | 0   | -20000.00 | -3.481288  | 20 | PASS |
|           |      |      | NV | 10  | -20000.00 | -3.508772  | 20 | PASS |
|           |      |      | NV | 20  | -20000.00 | -3.508772  | 20 | PASS |
|           |      |      | NV | 30  | -20000.00 | -3.481288  | 20 | PASS |
|           |      |      | NV | 40  | -20000.00 | -3.508772  | 20 | PASS |
|           |      |      | NV | 50  | -20000.00 | -3.508772  | 20 | PASS |
|           |      | 5825 | NV | -30 | -20000.00 | -3.508772  | 20 | PASS |
|           |      |      | NV | -20 | -20000.00 | -3.508772  | 20 | PASS |
|           |      |      | NV | -10 | -20000.00 | -3.481288  | 20 | PASS |
|           |      |      | NV | 0   | -20000.00 | -3.508772  | 20 | PASS |
|           |      |      | NV | 10  | -20000.00 | -3.508772  | 20 | PASS |
|           |      |      | NV | 20  | -20000.00 | -3.508772  | 20 | PASS |
|           |      |      | NV | 30  | -20000.00 | -3.481288  | 20 | PASS |
|           |      |      | NV | 40  | -20000.00 | -3.508772  | 20 | PASS |
|           |      |      | NV | 50  | -20000.00 | -3.508772  | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | -30 | -40000.00 | -7.707129  | 20 | PASS |
|           |      |      | NV | -20 | -40000.00 | -7.707129  | 20 | PASS |
|           |      |      | NV | -10 | -80000.00 | -15.414258 | 20 | PASS |
|           |      |      | NV | 0   | -40000.00 | -7.707129  | 20 | PASS |
|           |      |      | NV | 10  | -40000.00 | -7.707129  | 20 | PASS |
|           |      |      | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
|           |      |      | NV | 30  | -40000.00 | -7.707129  | 20 | PASS |
|           |      |      | NV | 40  | -40000.00 | -7.707129  | 20 | PASS |
|           |      |      | NV | 50  | -80000.00 | -15.414258 | 20 | PASS |
|           |      | 5230 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
|           |      |      | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
|           |      |      | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
|           |      |      | NV | 0   | 0.00      | 0.000000   | 20 | PASS |

|  |  |      |    |     |           |           |    |      |
|--|--|------|----|-----|-----------|-----------|----|------|
|  |  |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 20  | 40000.00  | 7.648184  | 20 | PASS |
|  |  |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
|  |  | 5270 | NV | -30 | -40000.00 | -7.590133 | 20 | PASS |
|  |  |      | NV | -20 | -40000.00 | -7.590133 | 20 | PASS |
|  |  |      | NV | -10 | -40000.00 | -7.590133 | 20 | PASS |
|  |  |      | NV | 0   | -40000.00 | -7.590133 | 20 | PASS |
|  |  |      | NV | 10  | -40000.00 | -7.590133 | 20 | PASS |
|  |  |      | NV | 20  | -40000.00 | -7.590133 | 20 | PASS |
|  |  |      | NV | 30  | -40000.00 | -7.590133 | 20 | PASS |
|  |  |      | NV | 40  | -40000.00 | -7.590133 | 20 | PASS |
|  |  |      | NV | 50  | -40000.00 | -7.590133 | 20 | PASS |
|  |  | 5310 | NV | -30 | -40000.00 | -7.532957 | 20 | PASS |
|  |  |      | NV | -20 | -40000.00 | -7.532957 | 20 | PASS |
|  |  |      | NV | -10 | -40000.00 | -7.532957 | 20 | PASS |
|  |  |      | NV | 0   | -40000.00 | -7.532957 | 20 | PASS |
|  |  |      | NV | 10  | -40000.00 | -7.532957 | 20 | PASS |
|  |  |      | NV | 20  | -40000.00 | -7.532957 | 20 | PASS |
|  |  |      | NV | 30  | -40000.00 | -7.532957 | 20 | PASS |
|  |  |      | NV | 40  | -40000.00 | -7.532957 | 20 | PASS |
|  |  |      | NV | 50  | -40000.00 | -7.532957 | 20 | PASS |
|  |  | 5510 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | -10 | -40000.00 | -7.259528 | 20 | PASS |
|  |  |      | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 40  | -40000.00 | -7.259528 | 20 | PASS |
|  |  |      | NV | 50  | 40000.00  | 7.259528  | 20 | PASS |
|  |  | 5550 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 0   | -40000.00 | -7.207207 | 20 | PASS |
|  |  |      | NV | 10  | -40000.00 | -7.207207 | 20 | PASS |
|  |  |      | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |

|  |  |      |    |     |           |           |    |      |
|--|--|------|----|-----|-----------|-----------|----|------|
|  |  |      | NV | 40  | 40000.00  | 7.207207  | 20 | PASS |
|  |  |      | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
|  |  | 5670 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 40  | -40000.00 | -7.054674 | 20 | PASS |
|  |  |      | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
|  |  | 5755 | NV | -30 | -40000.00 | -6.950478 | 20 | PASS |
|  |  |      | NV | -20 | -40000.00 | -6.950478 | 20 | PASS |
|  |  |      | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 40  | -40000.00 | -6.950478 | 20 | PASS |
|  |  |      | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
|  |  | 5795 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | -10 | -40000.00 | -6.902502 | 20 | PASS |
|  |  |      | NV | 0   | -40000.00 | -6.902502 | 20 | PASS |
|  |  |      | NV | 10  | -40000.00 | -6.902502 | 20 | PASS |
|  |  |      | NV | 20  | -40000.00 | -6.902502 | 20 | PASS |
|  |  |      | NV | 30  | -40000.00 | -6.902502 | 20 | PASS |
|  |  |      | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 50  | -40000.00 | -6.902502 | 20 | PASS |
|  |  | 5180 | NV | -30 | -40000.00 | -7.722008 | 20 | PASS |
|  |  |      | NV | -20 | -40000.00 | -7.722008 | 20 | PASS |
|  |  |      | NV | -10 | -20000.00 | -3.861004 | 20 | PASS |
|  |  |      | NV | 0   | -40000.00 | -7.722008 | 20 | PASS |
|  |  |      | NV | 10  | -20000.00 | -3.861004 | 20 | PASS |
|  |  |      | NV | 20  | -40000.00 | -7.722008 | 20 | PASS |
|  |  |      | NV | 30  | -40000.00 | -7.722008 | 20 | PASS |
|  |  |      | NV | 40  | -40000.00 | -7.722008 | 20 | PASS |
|  |  |      | NV | 50  | -40000.00 | -7.722008 | 20 | PASS |
|  |  | 5200 | NV | -30 | -20000.00 | -3.846154 | 20 | PASS |

|  |  |      |    |     |           |           |    |      |
|--|--|------|----|-----|-----------|-----------|----|------|
|  |  |      | NV | -20 | -40000.00 | -7.692308 | 20 | PASS |
|  |  |      | NV | -10 | -20000.00 | -3.846154 | 20 | PASS |
|  |  |      | NV | 0   | -20000.00 | -3.846154 | 20 | PASS |
|  |  |      | NV | 10  | -40000.00 | -7.692308 | 20 | PASS |
|  |  |      | NV | 20  | -40000.00 | -7.692308 | 20 | PASS |
|  |  |      | NV | 30  | -20000.00 | -3.846154 | 20 | PASS |
|  |  |      | NV | 40  | -20000.00 | -3.846154 | 20 | PASS |
|  |  |      | NV | 50  | -40000.00 | -7.692308 | 20 | PASS |
|  |  | 5240 | NV | -30 | -40000.00 | -7.633588 | 20 | PASS |
|  |  |      | NV | -20 | -40000.00 | -7.633588 | 20 | PASS |
|  |  |      | NV | -10 | -40000.00 | -7.633588 | 20 | PASS |
|  |  |      | NV | 0   | -40000.00 | -7.633588 | 20 | PASS |
|  |  |      | NV | 10  | -40000.00 | -7.633588 | 20 | PASS |
|  |  |      | NV | 20  | -20000.00 | -3.816794 | 20 | PASS |
|  |  |      | NV | 30  | -40000.00 | -7.633588 | 20 | PASS |
|  |  |      | NV | 40  | -40000.00 | -7.633588 | 20 | PASS |
|  |  |      | NV | 50  | -20000.00 | -3.816794 | 20 | PASS |
|  |  | 5260 | NV | -30 | -20000.00 | -3.802281 | 20 | PASS |
|  |  |      | NV | -20 | -40000.00 | -7.604563 | 20 | PASS |
|  |  |      | NV | -10 | -20000.00 | -3.802281 | 20 | PASS |
|  |  |      | NV | 0   | -20000.00 | -3.802281 | 20 | PASS |
|  |  |      | NV | 10  | -40000.00 | -7.604563 | 20 | PASS |
|  |  |      | NV | 20  | -20000.00 | -3.802281 | 20 | PASS |
|  |  |      | NV | 30  | -20000.00 | -3.802281 | 20 | PASS |
|  |  |      | NV | 40  | -20000.00 | -3.802281 | 20 | PASS |
|  |  |      | NV | 50  | -20000.00 | -3.802281 | 20 | PASS |
|  |  | 5280 | NV | -30 | -40000.00 | -7.575758 | 20 | PASS |
|  |  |      | NV | -20 | -40000.00 | -7.575758 | 20 | PASS |
|  |  |      | NV | -10 | -40000.00 | -7.575758 | 20 | PASS |
|  |  |      | NV | 0   | -20000.00 | -3.787879 | 20 | PASS |
|  |  |      | NV | 10  | -40000.00 | -7.575758 | 20 | PASS |
|  |  |      | NV | 20  | -20000.00 | -3.787879 | 20 | PASS |
|  |  |      | NV | 30  | -20000.00 | -3.787879 | 20 | PASS |
|  |  |      | NV | 40  | -20000.00 | -3.787879 | 20 | PASS |
|  |  |      | NV | 50  | -40000.00 | -7.575758 | 20 | PASS |
|  |  | 5320 | NV | -30 | -20000.00 | -3.759398 | 20 | PASS |
|  |  |      | NV | -20 | -40000.00 | -7.518797 | 20 | PASS |
|  |  |      | NV | -10 | -20000.00 | -3.759398 | 20 | PASS |
|  |  |      | NV | 0   | -20000.00 | -3.759398 | 20 | PASS |

|  |  |      |    |     |           |            |    |      |
|--|--|------|----|-----|-----------|------------|----|------|
|  |  |      | NV | 10  | -20000.00 | -3.759398  | 20 | PASS |
|  |  |      | NV | 20  | -20000.00 | -3.759398  | 20 | PASS |
|  |  |      | NV | 30  | -20000.00 | -3.759398  | 20 | PASS |
|  |  |      | NV | 40  | -20000.00 | -3.759398  | 20 | PASS |
|  |  |      | NV | 50  | -20000.00 | -3.759398  | 20 | PASS |
|  |  | 5500 | NV | -30 | -20000.00 | -3.636364  | 20 | PASS |
|  |  |      | NV | -20 | -20000.00 | -3.636364  | 20 | PASS |
|  |  |      | NV | -10 | -40000.00 | -7.272727  | 20 | PASS |
|  |  |      | NV | 0   | -40000.00 | -7.272727  | 20 | PASS |
|  |  |      | NV | 10  | -40000.00 | -7.272727  | 20 | PASS |
|  |  |      | NV | 20  | -20000.00 | -3.636364  | 20 | PASS |
|  |  |      | NV | 30  | -40000.00 | -7.272727  | 20 | PASS |
|  |  |      | NV | 40  | -20000.00 | -3.636364  | 20 | PASS |
|  |  |      | NV | 50  | -20000.00 | -3.636364  | 20 | PASS |
|  |  | 5580 | NV | -30 | -20000.00 | -3.584229  | 20 | PASS |
|  |  |      | NV | -20 | -40000.00 | -7.168459  | 20 | PASS |
|  |  |      | NV | -10 | -60000.00 | -10.752688 | 20 | PASS |
|  |  |      | NV | 0   | -40000.00 | -7.168459  | 20 | PASS |
|  |  |      | NV | 10  | -40000.00 | -7.168459  | 20 | PASS |
|  |  |      | NV | 20  | -40000.00 | -7.168459  | 20 | PASS |
|  |  |      | NV | 30  | -20000.00 | -3.584229  | 20 | PASS |
|  |  |      | NV | 40  | -40000.00 | -7.168459  | 20 | PASS |
|  |  |      | NV | 50  | -40000.00 | -7.168459  | 20 | PASS |
|  |  | 5700 | NV | -30 | -40000.00 | -7.017544  | 20 | PASS |
|  |  |      | NV | -20 | -40000.00 | -7.017544  | 20 | PASS |
|  |  |      | NV | -10 | -40000.00 | -7.017544  | 20 | PASS |
|  |  |      | NV | 0   | -20000.00 | -3.508772  | 20 | PASS |
|  |  |      | NV | 10  | -20000.00 | -3.508772  | 20 | PASS |
|  |  |      | NV | 20  | -20000.00 | -3.508772  | 20 | PASS |
|  |  |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|  |  |      | NV | 40  | -40000.00 | -7.017544  | 20 | PASS |
|  |  |      | NV | 50  | -40000.00 | -7.017544  | 20 | PASS |
|  |  | 5745 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
|  |  |      | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
|  |  |      | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
|  |  |      | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
|  |  |      | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
|  |  |      | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
|  |  |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |

|                |      |      |    |     |           |            |    |      |
|----------------|------|------|----|-----|-----------|------------|----|------|
| 11AC40SIS<br>O | Ant1 |      | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
|                |      | 5785 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | -10 | -20000.00 | -3.457217  | 20 | PASS |
|                |      |      | NV | 0   | -20000.00 | -3.457217  | 20 | PASS |
|                |      |      | NV | 10  | 100000.00 | 17.286085  | 20 | PASS |
|                |      |      | NV | 20  | -20000.00 | -3.457217  | 20 | PASS |
|                |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 40  | -60000.00 | -10.371651 | 20 | PASS |
|                |      |      | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
|                |      | 5825 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | -20 | -60000.00 | -10.300429 | 20 | PASS |
|                |      |      | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 10  | -60000.00 | -10.300429 | 20 | PASS |
|                |      |      | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
|                |      | 5190 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
|                |      | 5230 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
|                |      | 5270 | NV | -30 | -40000.00 | -7.590133  | 20 | PASS |

|  |  |      |    |     |           |           |    |      |
|--|--|------|----|-----|-----------|-----------|----|------|
|  |  |      | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | -10 | -40000.00 | -7.590133 | 20 | PASS |
|  |  |      | NV | 0   | -40000.00 | -7.590133 | 20 | PASS |
|  |  |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 20  | -40000.00 | -7.590133 | 20 | PASS |
|  |  |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 40  | -40000.00 | -7.590133 | 20 | PASS |
|  |  |      | NV | 50  | -40000.00 | -7.590133 | 20 | PASS |
|  |  | 5310 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
|  |  | 5510 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 10  | -40000.00 | -7.259528 | 20 | PASS |
|  |  |      | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 30  | -40000.00 | -7.259528 | 20 | PASS |
|  |  |      | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
|  |  | 5550 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 10  | 40000.00  | 7.207207  | 20 | PASS |
|  |  |      | NV | 20  | 40000.00  | 7.207207  | 20 | PASS |
|  |  |      | NV | 30  | -40000.00 | -7.207207 | 20 | PASS |
|  |  |      | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 50  | 40000.00  | 7.207207  | 20 | PASS |
|  |  | 5670 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
|  |  |      | NV | 0   | -40000.00 | -7.054674 | 20 | PASS |

|                |      |      |    |     |           |            |    |      |
|----------------|------|------|----|-----|-----------|------------|----|------|
|                |      |      | NV | 10  | -40000.00 | -7.054674  | 20 | PASS |
|                |      |      | NV | 20  | -40000.00 | -7.054674  | 20 | PASS |
|                |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
|                |      | 5755 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
|                |      | 5795 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SIS<br>O | Ant1 | 5210 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | -20 | 80000.00  | 15.355086  | 20 | PASS |
|                |      |      | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
|                |      | 5290 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 20  | -80000.00 | -15.122873 | 20 | PASS |
|                |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |

|                |      |      |    |     |          |           |    |      |
|----------------|------|------|----|-----|----------|-----------|----|------|
|                |      | 5530 | NV | 40  | 0.00     | 0.000000  | 20 | PASS |
|                |      |      | NV | 50  | 0.00     | 0.000000  | 20 | PASS |
|                |      |      | NV | -30 | 0.00     | 0.000000  | 20 | PASS |
|                |      |      | NV | -20 | 0.00     | 0.000000  | 20 | PASS |
|                |      |      | NV | -10 | 0.00     | 0.000000  | 20 | PASS |
|                |      |      | NV | 0   | 0.00     | 0.000000  | 20 | PASS |
|                |      |      | NV | 10  | 0.00     | 0.000000  | 20 | PASS |
|                |      |      | NV | 20  | 0.00     | 0.000000  | 20 | PASS |
|                |      |      | NV | 30  | 0.00     | 0.000000  | 20 | PASS |
|                |      |      | NV | 40  | 0.00     | 0.000000  | 20 | PASS |
|                |      |      | NV | 50  | 0.00     | 0.000000  | 20 | PASS |
|                |      |      | NV | 50  | 0.00     | 0.000000  | 20 | PASS |
| 11AC80SIS<br>O | Ant1 | 5210 | NV | -30 | 0.00     | 0.000000  | 20 | PASS |
|                |      |      | NV | -20 | 80000.00 | 15.355086 | 20 | PASS |
|                |      |      | NV | -10 | 0.00     | 0.000000  | 20 | PASS |
|                |      |      | NV | 0   | 0.00     | 0.000000  | 20 | PASS |
|                |      |      | NV | 10  | 0.00     | 0.000000  | 20 | PASS |
|                |      |      | NV | 20  | 0.00     | 0.000000  | 20 | PASS |
|                |      |      | NV | 30  | 0.00     | 0.000000  | 20 | PASS |
|                |      |      | NV | 40  | 0.00     | 0.000000  | 20 | PASS |
|                |      |      | NV | 50  | 0.00     | 0.000000  | 20 | PASS |
| 11AC80SIS<br>O | Ant1 | 5775 | NV | -30 | 0.00     | 0.000000  | 20 | PASS |
|                |      |      | NV | -20 | 0.00     | 0.000000  | 20 | PASS |
|                |      |      | NV | -10 | 0.00     | 0.000000  | 20 | PASS |
|                |      |      | NV | 0   | 0.00     | 0.000000  | 20 | PASS |
|                |      |      | NV | 10  | 0.00     | 0.000000  | 20 | PASS |
|                |      |      | NV | 20  | 0.00     | 0.000000  | 20 | PASS |
|                |      |      | NV | 30  | 0.00     | 0.000000  | 20 | PASS |
|                |      |      | NV | 40  | 0.00     | 0.000000  | 20 | PASS |
|                |      |      | NV | 50  | 0.00     | 0.000000  | 20 | PASS |

## 5 Photos Of Test Setup

Reference to the **appendix I Test Setup Photo** for details.

## 6 Photos Of EUT

Reference to the **appendix II external photos** and **appendix III internal photos** for details.

-----END OF REPORT-----

