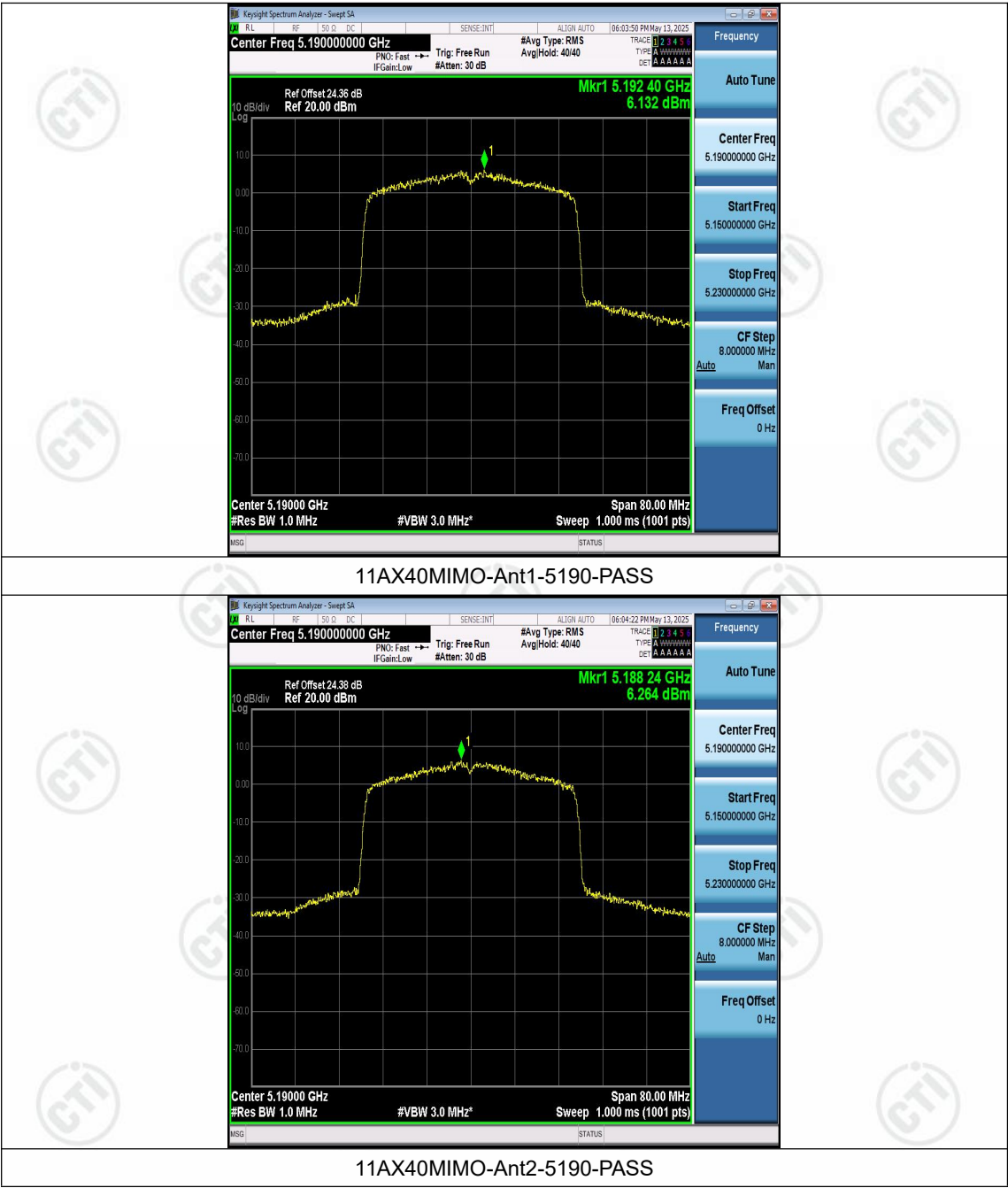
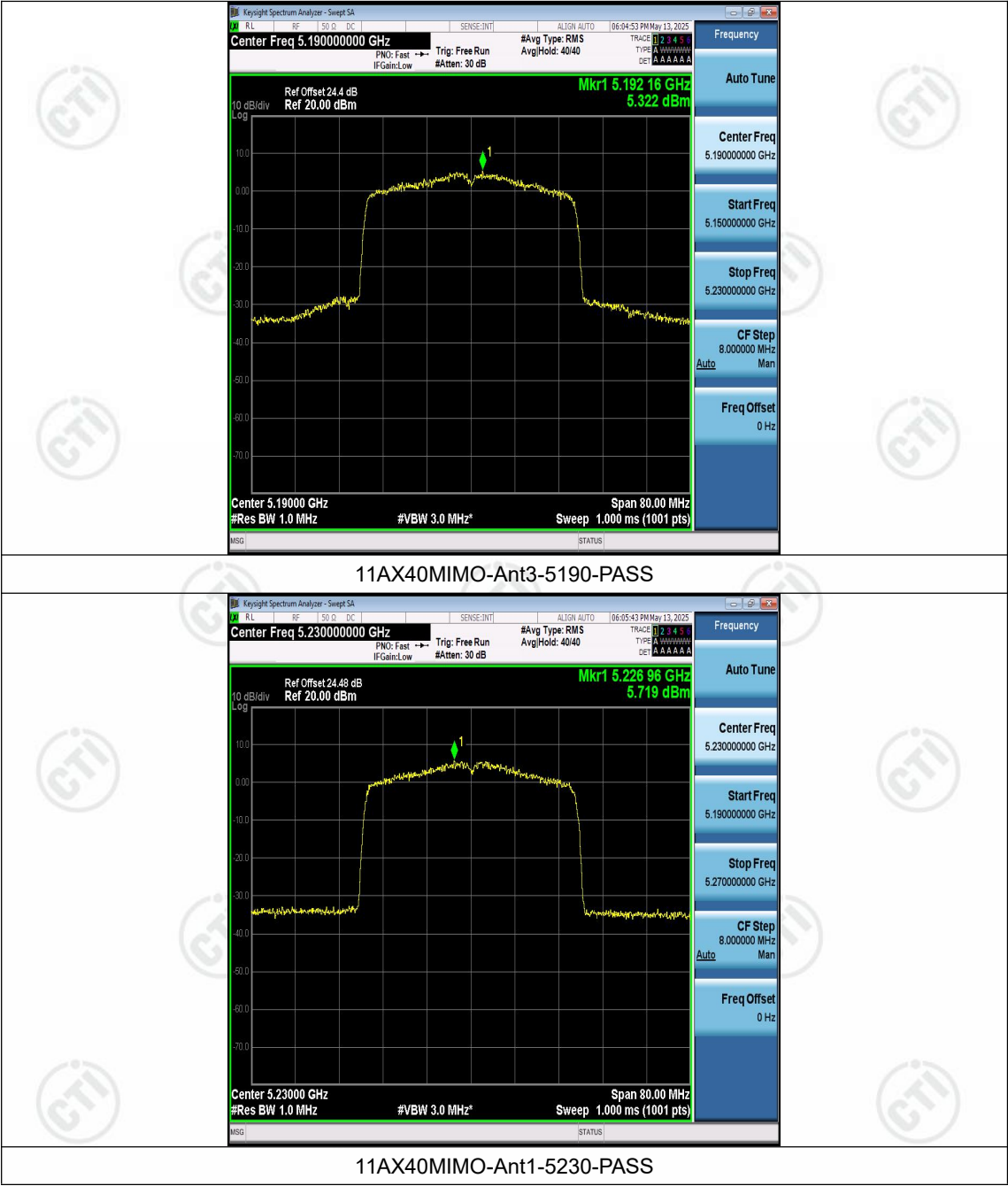
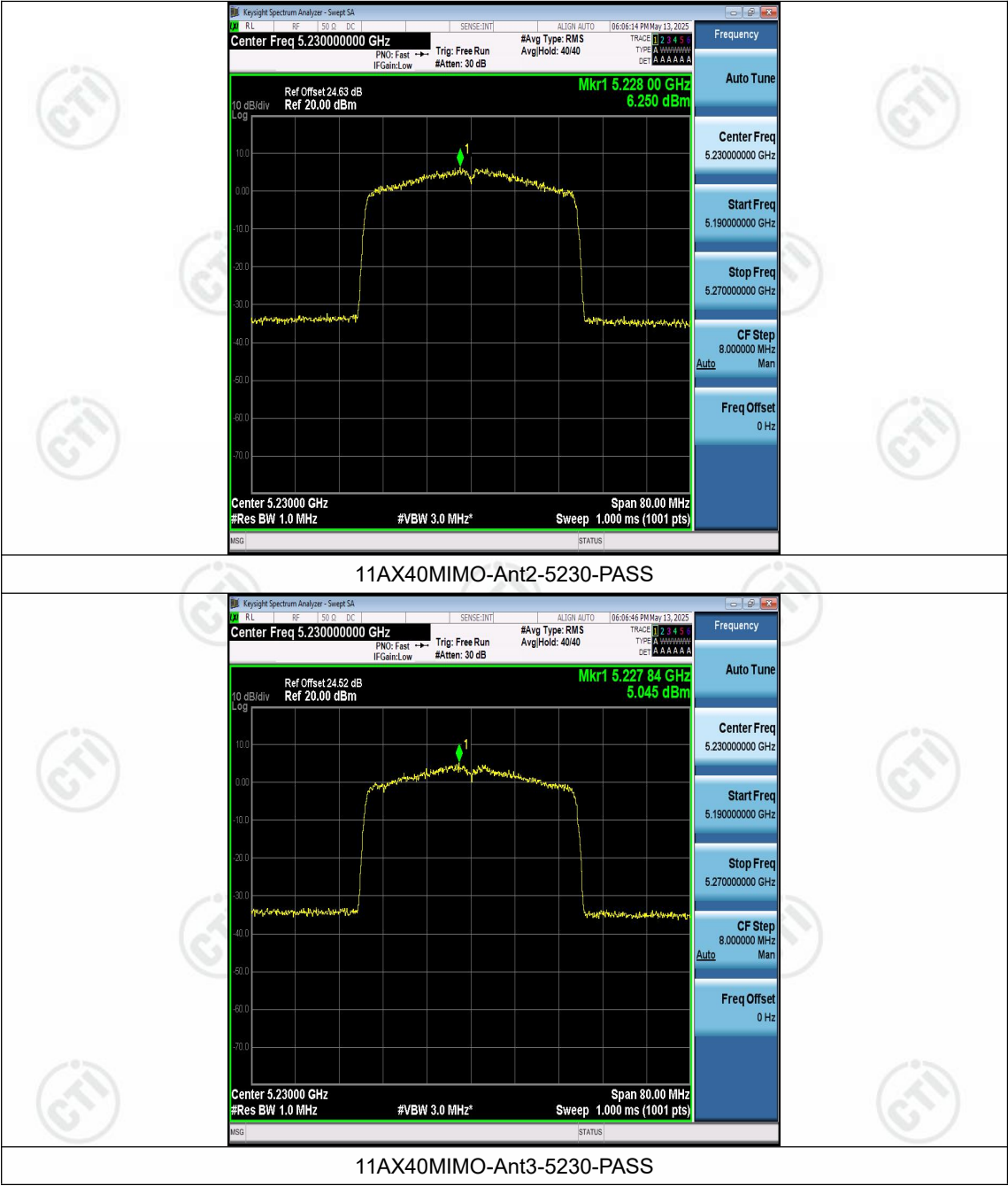




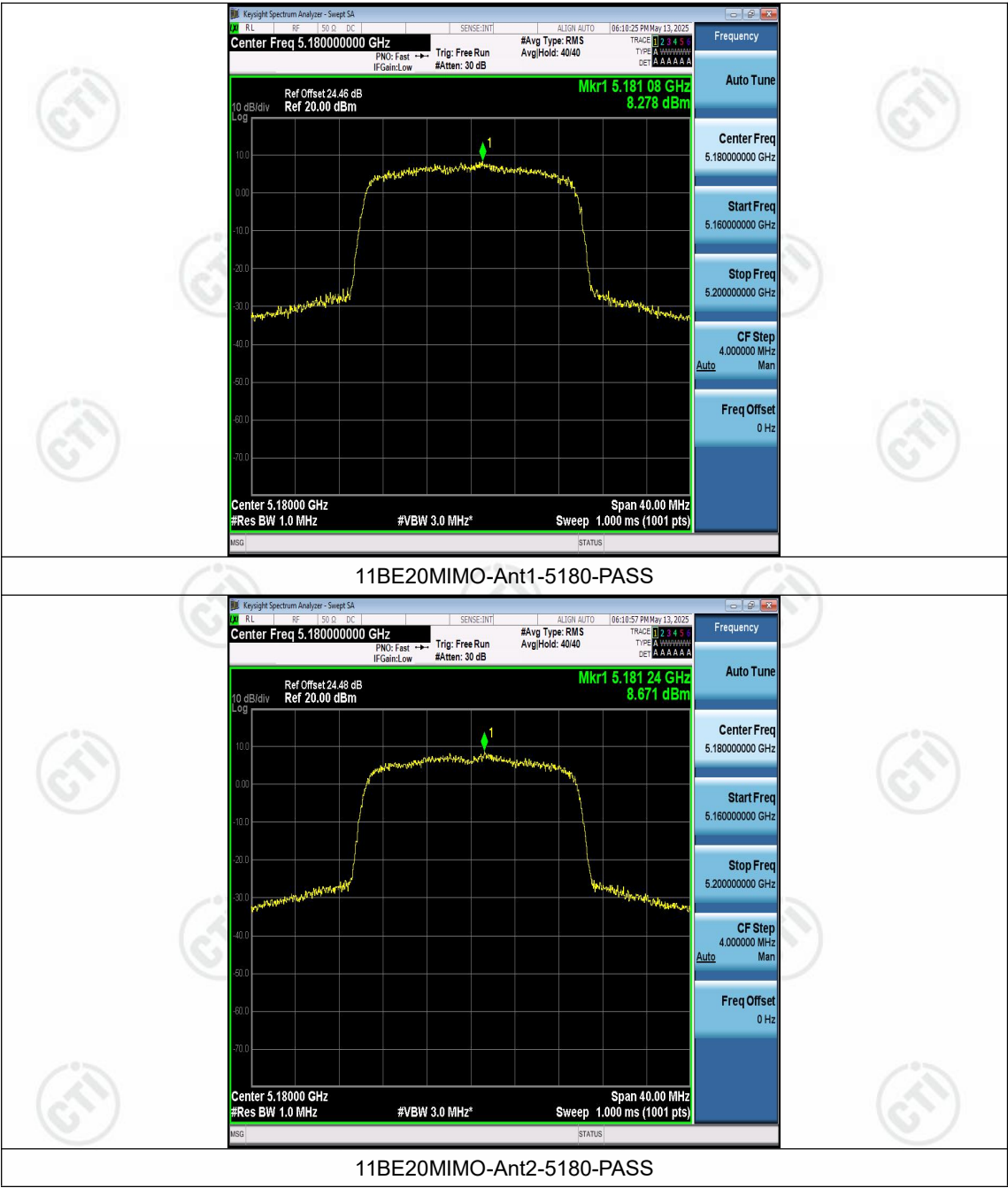


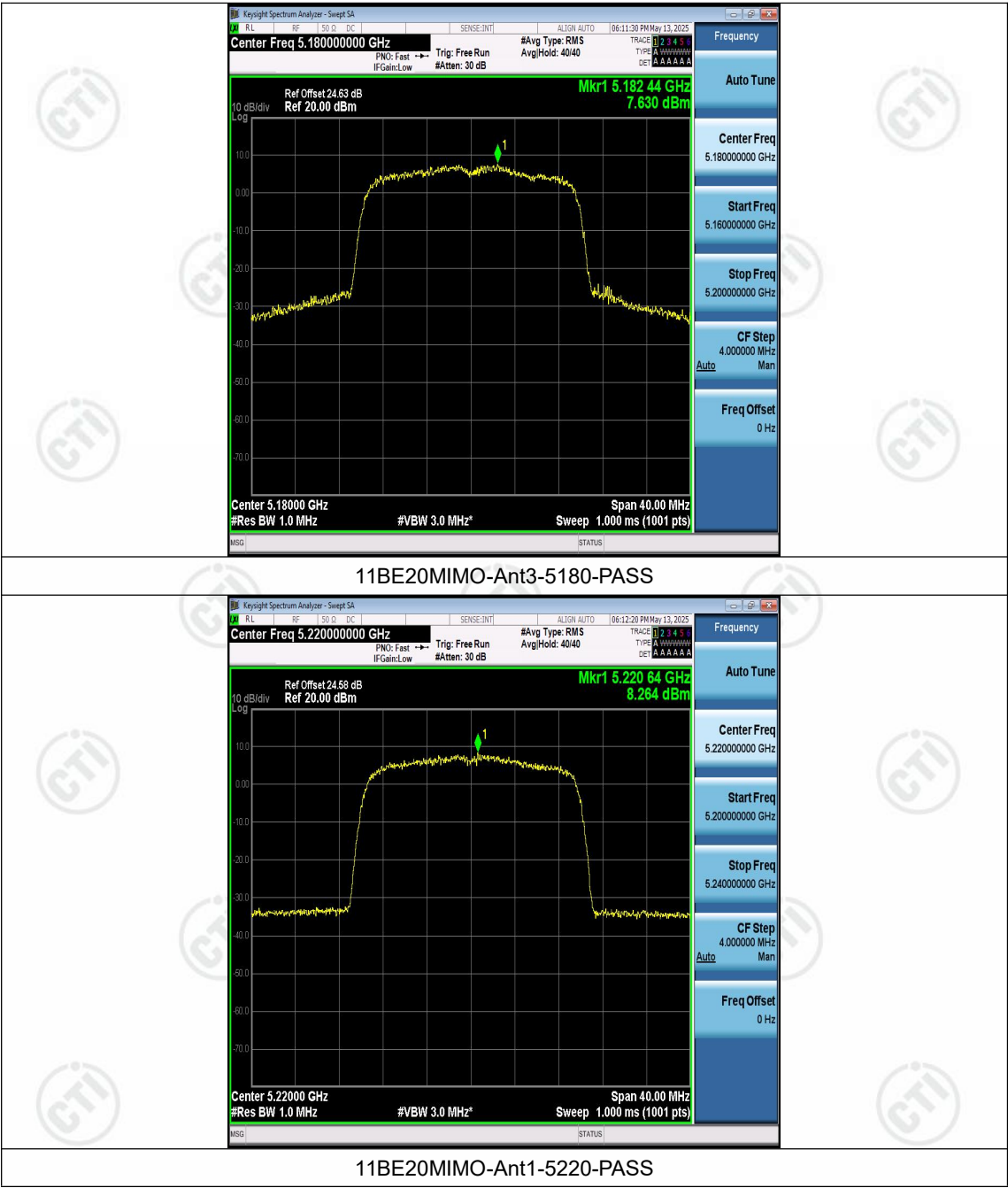


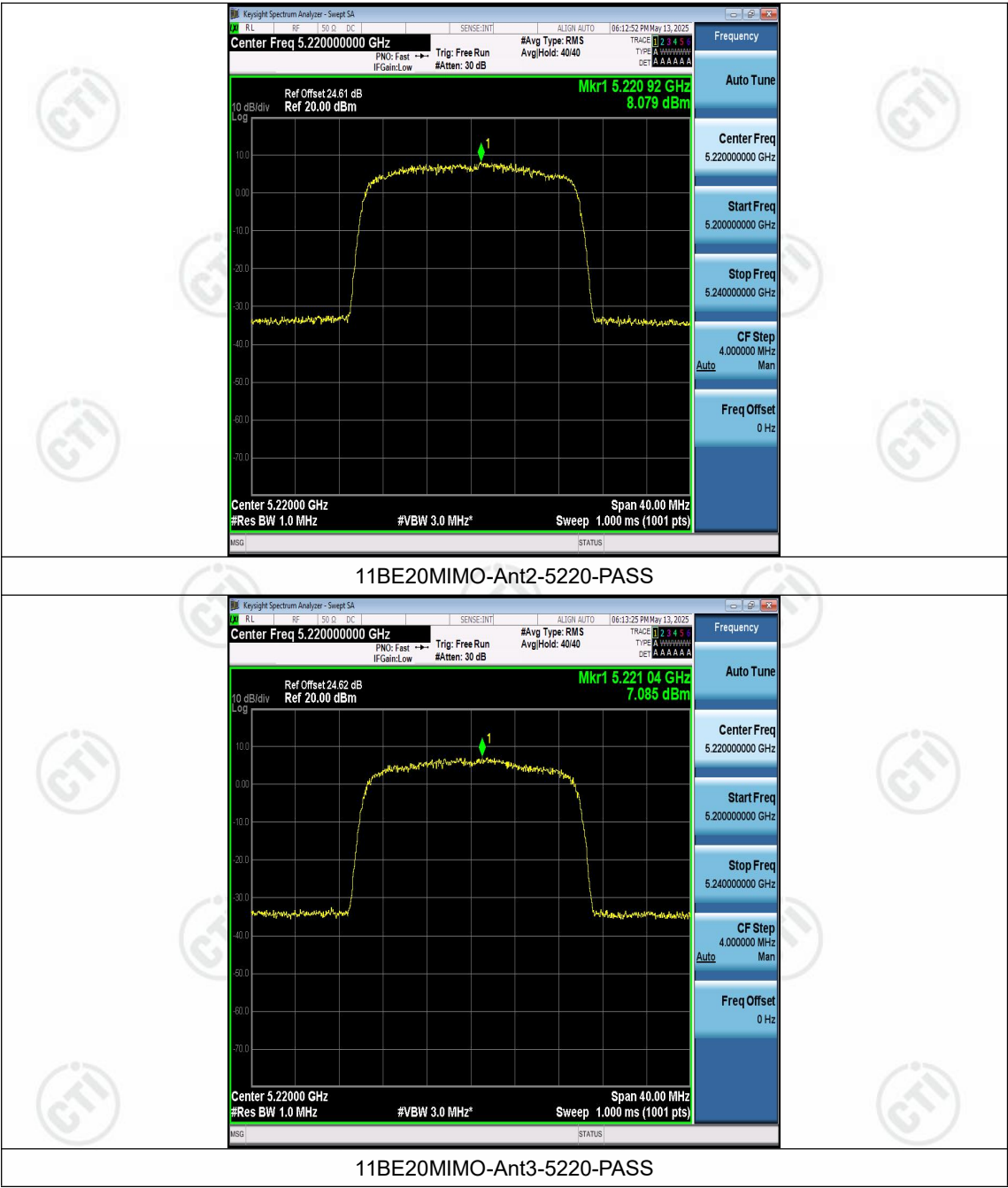


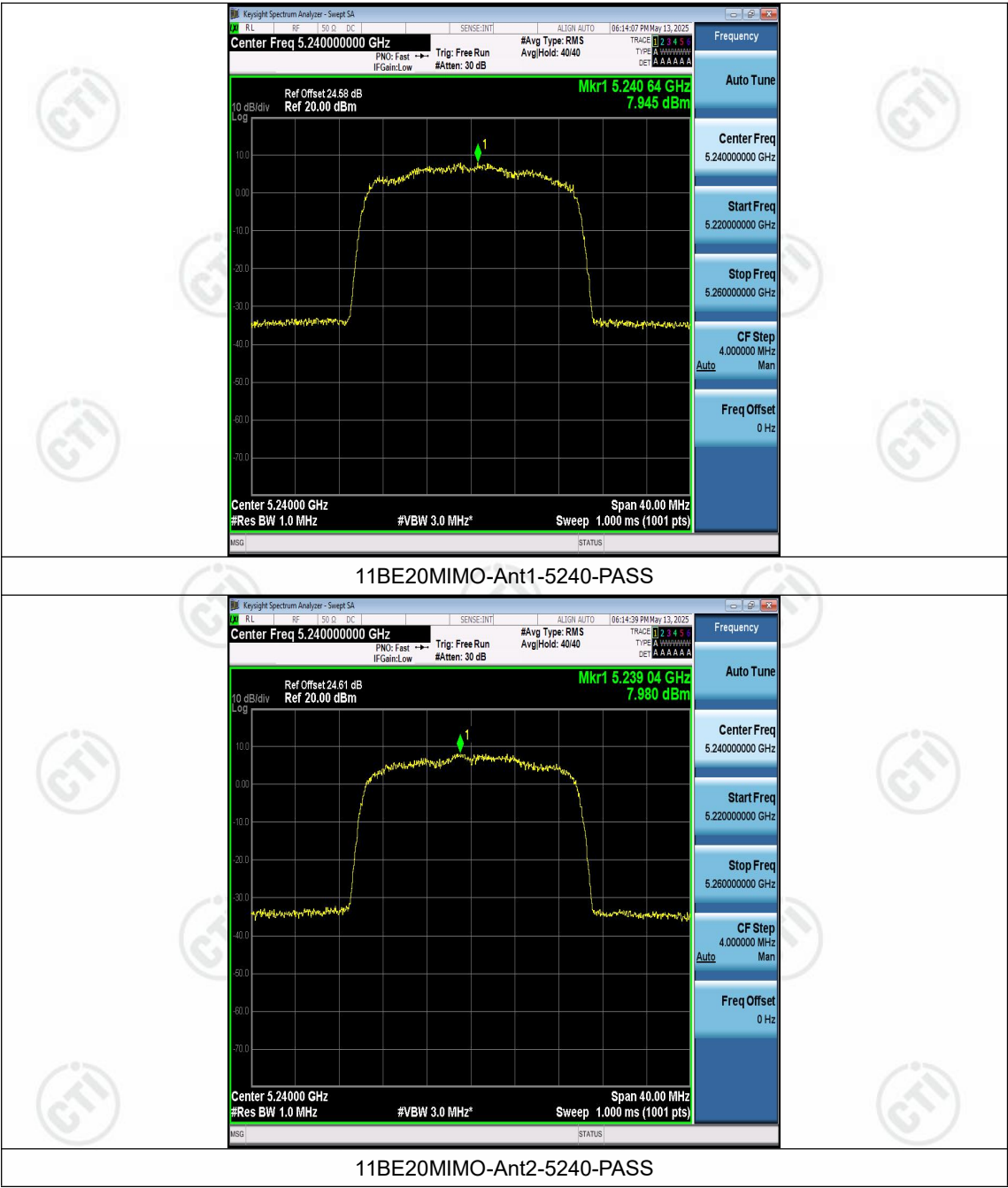


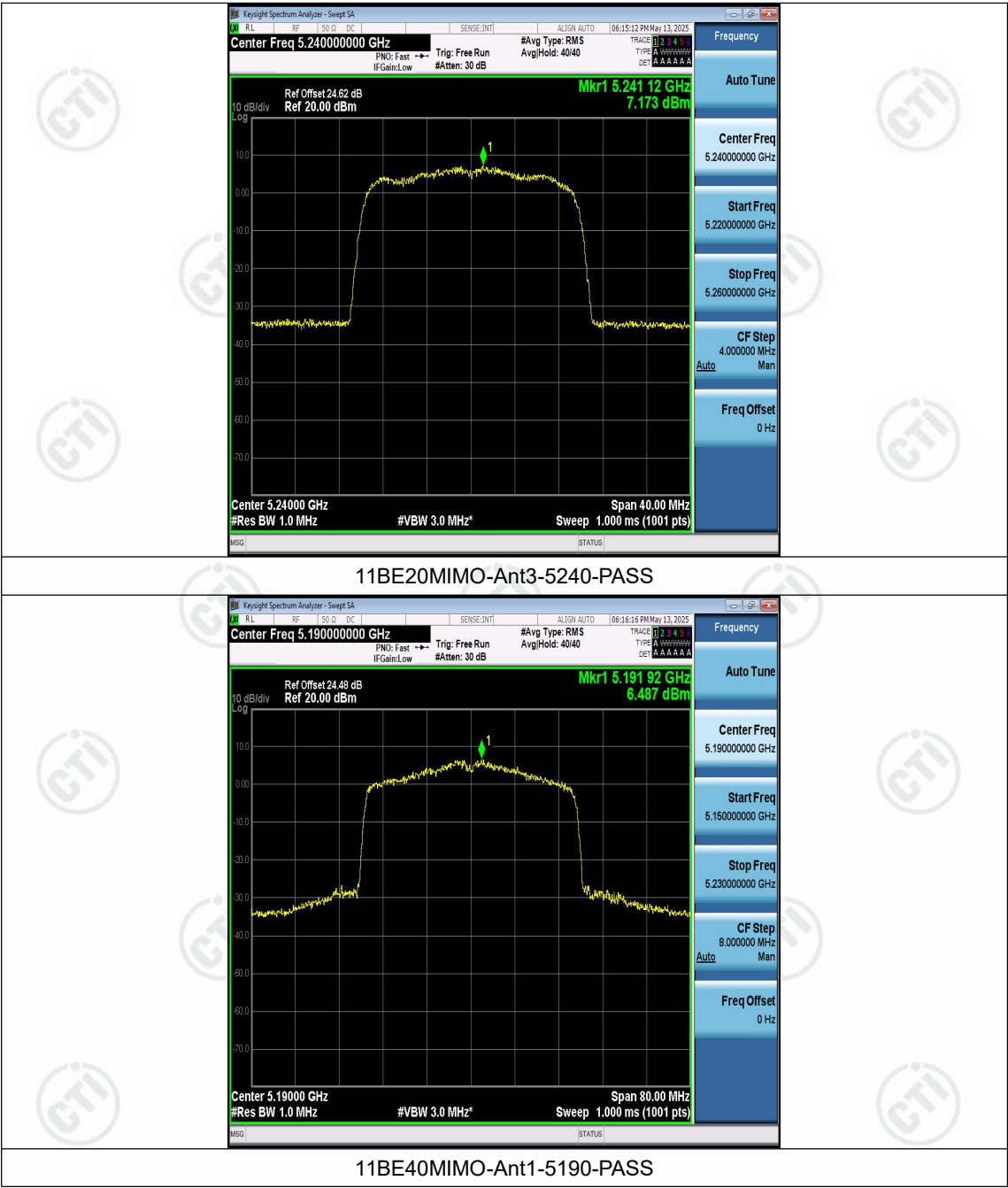






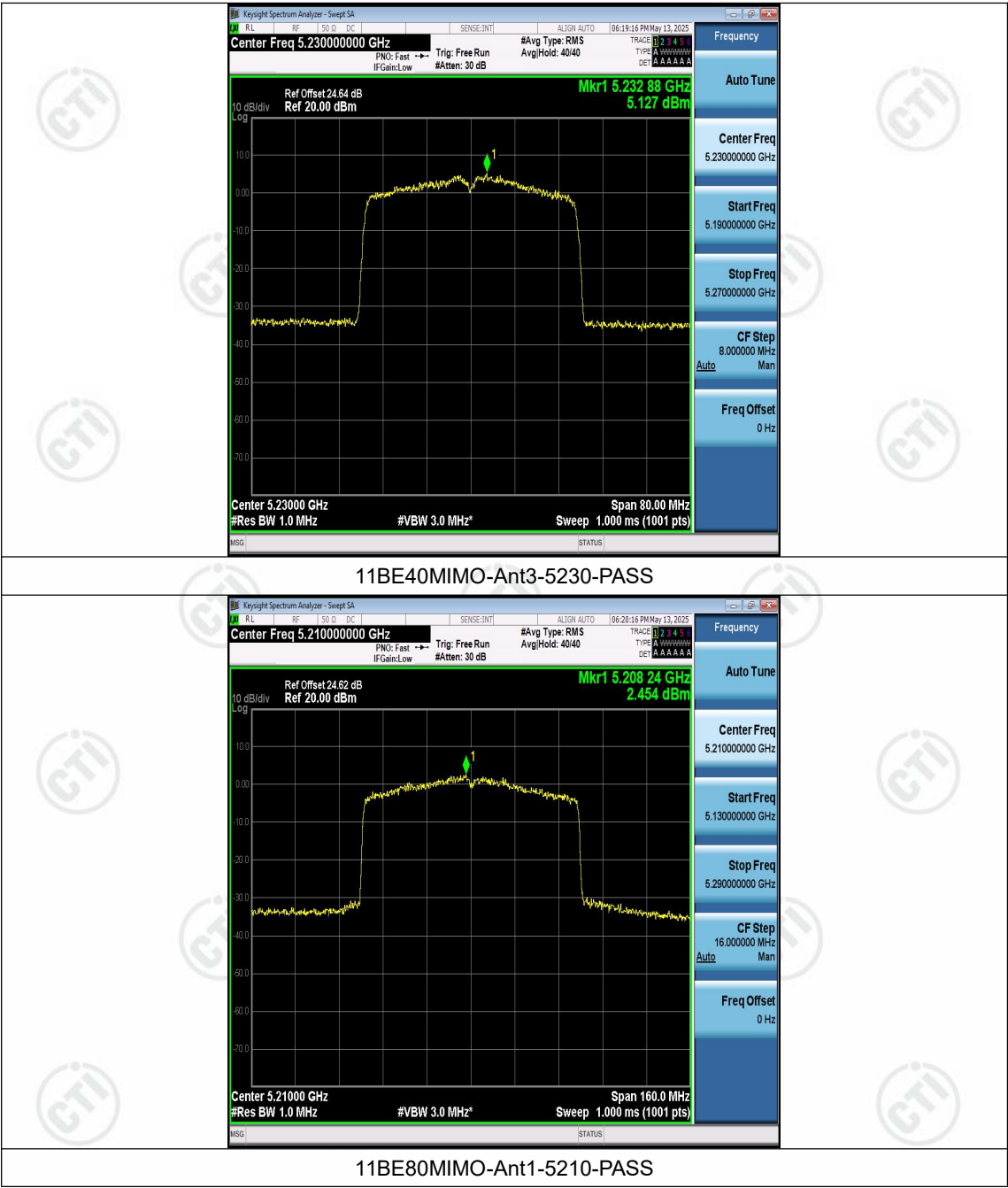






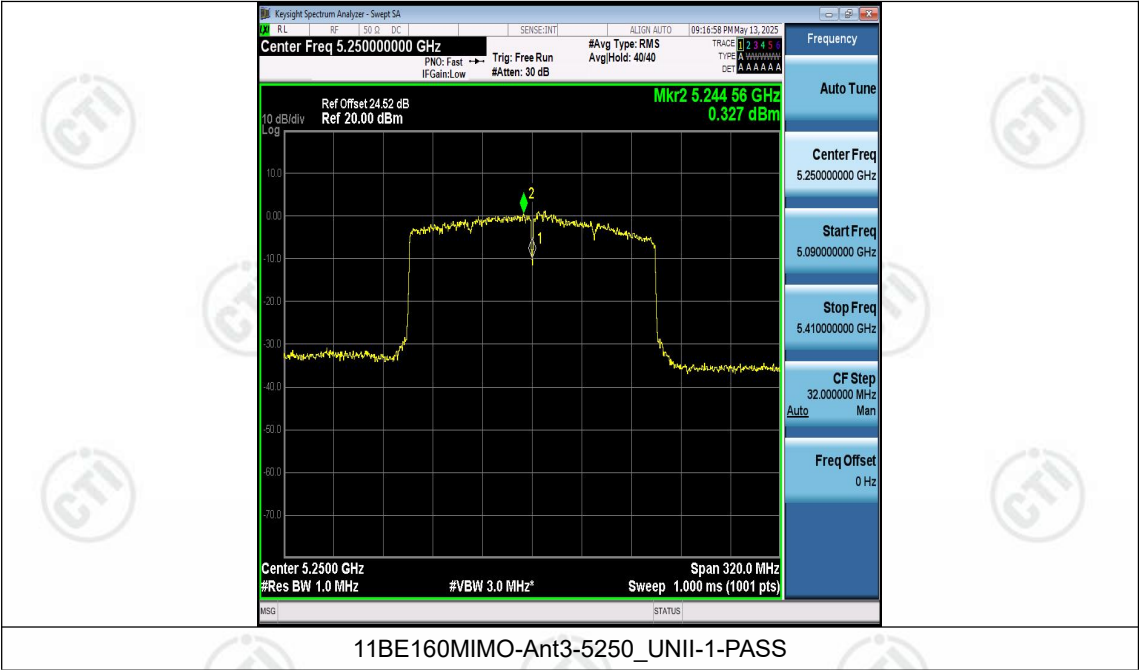












## Appendix E: Frequency Stability

## Test Result

| TestMode  | Antenna | Frequency [MHz] | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-----------|---------|-----------------|---------------|------------------|----------------|-----------------|-------------|---------|
| 11A       | Ant1    | 5180            | NV            | NT               | 20000.00       | 3.861004        | 20          | PASS    |
| 11A       | Ant1    | 5180            | LV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A       | Ant1    | 5180            | HV            | NT               | -20000.00      | -3.861004       | 20          | PASS    |
| 11A       | Ant2    | 5180            | NV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A       | Ant2    | 5180            | LV            | NT               | -20000.00      | -3.861004       | 20          | PASS    |
| 11A       | Ant2    | 5180            | HV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A       | Ant3    | 5180            | NV            | NT               | -20000.00      | -3.861004       | 20          | PASS    |
| 11A       | Ant3    | 5180            | LV            | NT               | 20000.00       | 3.861004        | 20          | PASS    |
| 11A       | Ant3    | 5180            | HV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A       | Ant1    | 5220            | NV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A       | Ant1    | 5220            | LV            | NT               | 20000.00       | 3.831418        | 20          | PASS    |
| 11A       | Ant1    | 5220            | HV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A       | Ant2    | 5220            | NV            | NT               | 20000.00       | 3.831418        | 20          | PASS    |
| 11A       | Ant2    | 5220            | LV            | NT               | 20000.00       | 3.831418        | 20          | PASS    |
| 11A       | Ant2    | 5220            | HV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A       | Ant3    | 5220            | NV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A       | Ant3    | 5220            | LV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A       | Ant3    | 5220            | HV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A       | Ant1    | 5240            | NV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A       | Ant1    | 5240            | LV            | NT               | 40000.00       | 7.633588        | 20          | PASS    |
| 11A       | Ant1    | 5240            | HV            | NT               | -20000.00      | -3.816794       | 20          | PASS    |
| 11A       | Ant2    | 5240            | NV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A       | Ant2    | 5240            | LV            | NT               | -20000.00      | -3.816794       | 20          | PASS    |
| 11A       | Ant2    | 5240            | HV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A       | Ant3    | 5240            | NV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A       | Ant3    | 5240            | LV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A       | Ant3    | 5240            | HV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11N20MIMO | Ant1    | 5180            | NV            | NT               | 20000.00       | 3.861004        | 20          | PASS    |
| 11N20MIMO | Ant1    | 5180            | LV            | NT               | -20000.00      | -3.861004       | 20          | PASS    |
| 11N20MIMO | Ant1    | 5180            | HV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11N20MIMO | Ant2    | 5180            | NV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11N20MIMO | Ant2    | 5180            | LV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11N20MIMO | Ant2    | 5180            | HV            | NT               | -40000.00      | -7.722008       | 20          | PASS    |
| 11N20MIMO | Ant3    | 5180            | NV            | NT               | 20000.00       | 3.861004        | 20          | PASS    |
| 11N20MIMO | Ant3    | 5180            | LV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11N20MIMO | Ant3    | 5180            | HV            | NT               | 0.00           | 0.000000        | 20          | PASS    |

|            |      |      |    |    |           |           |    |      |
|------------|------|------|----|----|-----------|-----------|----|------|
| 11N20MIMO  | Ant1 | 5220 | NV | NT | 20000.00  | 3.831418  | 20 | PASS |
| 11N20MIMO  | Ant1 | 5220 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20MIMO  | Ant1 | 5220 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20MIMO  | Ant2 | 5220 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20MIMO  | Ant2 | 5220 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20MIMO  | Ant2 | 5220 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20MIMO  | Ant3 | 5220 | NV | NT | -20000.00 | -3.831418 | 20 | PASS |
| 11N20MIMO  | Ant3 | 5220 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20MIMO  | Ant3 | 5220 | HV | NT | -20000.00 | -3.831418 | 20 | PASS |
| 11N20MIMO  | Ant1 | 5240 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20MIMO  | Ant1 | 5240 | LV | NT | -20000.00 | -3.816794 | 20 | PASS |
| 11N20MIMO  | Ant1 | 5240 | HV | NT | 40000.00  | 7.633588  | 20 | PASS |
| 11N20MIMO  | Ant2 | 5240 | NV | NT | 20000.00  | 3.816794  | 20 | PASS |
| 11N20MIMO  | Ant2 | 5240 | LV | NT | 20000.00  | 3.816794  | 20 | PASS |
| 11N20MIMO  | Ant2 | 5240 | HV | NT | 20000.00  | 3.816794  | 20 | PASS |
| 11N20MIMO  | Ant3 | 5240 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20MIMO  | Ant3 | 5240 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20MIMO  | Ant3 | 5240 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40MIMO  | Ant1 | 5190 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40MIMO  | Ant1 | 5190 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40MIMO  | Ant1 | 5190 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40MIMO  | Ant2 | 5190 | NV | NT | -40000.00 | -7.707129 | 20 | PASS |
| 11N40MIMO  | Ant2 | 5190 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40MIMO  | Ant2 | 5190 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40MIMO  | Ant3 | 5190 | NV | NT | -40000.00 | -7.707129 | 20 | PASS |
| 11N40MIMO  | Ant3 | 5190 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40MIMO  | Ant3 | 5190 | HV | NT | -40000.00 | -7.707129 | 20 | PASS |
| 11N40MIMO  | Ant1 | 5230 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40MIMO  | Ant1 | 5230 | LV | NT | 40000.00  | 7.648184  | 20 | PASS |
| 11N40MIMO  | Ant1 | 5230 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40MIMO  | Ant2 | 5230 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40MIMO  | Ant2 | 5230 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40MIMO  | Ant2 | 5230 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40MIMO  | Ant3 | 5230 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40MIMO  | Ant3 | 5230 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40MIMO  | Ant3 | 5230 | HV | NT | 40000.00  | 7.648184  | 20 | PASS |
| 11AC20MIMO | Ant1 | 5180 | NV | NT | 20000.00  | 3.861004  | 20 | PASS |
| 11AC20MIMO | Ant1 | 5180 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20MIMO | Ant1 | 5180 | HV | NT | 0.00      | 0.000000  | 20 | PASS |

|                |      |      |    |    |           |           |    |      |
|----------------|------|------|----|----|-----------|-----------|----|------|
| 11AC20MIM<br>O | Ant2 | 5180 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20MIM<br>O | Ant2 | 5180 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20MIM<br>O | Ant2 | 5180 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20MIM<br>O | Ant3 | 5180 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20MIM<br>O | Ant3 | 5180 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20MIM<br>O | Ant3 | 5180 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20MIM<br>O | Ant1 | 5220 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20MIM<br>O | Ant1 | 5220 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20MIM<br>O | Ant1 | 5220 | HV | NT | 20000.00  | 3.831418  | 20 | PASS |
| 11AC20MIM<br>O | Ant2 | 5220 | NV | NT | -20000.00 | -3.831418 | 20 | PASS |
| 11AC20MIM<br>O | Ant2 | 5220 | LV | NT | 20000.00  | 3.831418  | 20 | PASS |
| 11AC20MIM<br>O | Ant2 | 5220 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20MIM<br>O | Ant3 | 5220 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20MIM<br>O | Ant3 | 5220 | LV | NT | 20000.00  | 3.831418  | 20 | PASS |
| 11AC20MIM<br>O | Ant3 | 5220 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20MIM<br>O | Ant1 | 5240 | NV | NT | 20000.00  | 3.816794  | 20 | PASS |
| 11AC20MIM<br>O | Ant1 | 5240 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20MIM<br>O | Ant1 | 5240 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20MIM<br>O | Ant2 | 5240 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20MIM<br>O | Ant2 | 5240 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20MIM<br>O | Ant2 | 5240 | HV | NT | 0.00      | 0.000000  | 20 | PASS |

|                |      |      |    |    |           |           |    |      |
|----------------|------|------|----|----|-----------|-----------|----|------|
| 11AC20MIM<br>O | Ant3 | 5240 | NV | NT | 20000.00  | 3.816794  | 20 | PASS |
| 11AC20MIM<br>O | Ant3 | 5240 | LV | NT | -20000.00 | -3.816794 | 20 | PASS |
| 11AC20MIM<br>O | Ant3 | 5240 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC40MIM<br>O | Ant1 | 5190 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC40MIM<br>O | Ant1 | 5190 | LV | NT | 40000.00  | 7.707129  | 20 | PASS |
| 11AC40MIM<br>O | Ant1 | 5190 | HV | NT | 40000.00  | 7.707129  | 20 | PASS |
| 11AC40MIM<br>O | Ant2 | 5190 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC40MIM<br>O | Ant2 | 5190 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC40MIM<br>O | Ant2 | 5190 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC40MIM<br>O | Ant3 | 5190 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC40MIM<br>O | Ant3 | 5190 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC40MIM<br>O | Ant3 | 5190 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC40MIM<br>O | Ant1 | 5230 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC40MIM<br>O | Ant1 | 5230 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC40MIM<br>O | Ant1 | 5230 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC40MIM<br>O | Ant2 | 5230 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC40MIM<br>O | Ant2 | 5230 | LV | NT | 40000.00  | 7.648184  | 20 | PASS |
| 11AC40MIM<br>O | Ant2 | 5230 | HV | NT | -40000.00 | -7.648184 | 20 | PASS |
| 11AC40MIM<br>O | Ant3 | 5230 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC40MIM<br>O | Ant3 | 5230 | LV | NT | 40000.00  | 7.648184  | 20 | PASS |
| 11AC40MIM<br>O | Ant3 | 5230 | HV | NT | -40000.00 | -7.648184 | 20 | PASS |

|                 |      |      |    |    |           |            |    |      |
|-----------------|------|------|----|----|-----------|------------|----|------|
| 11AC80MIM<br>O  | Ant1 | 5210 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80MIM<br>O  | Ant1 | 5210 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80MIM<br>O  | Ant1 | 5210 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80MIM<br>O  | Ant2 | 5210 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80MIM<br>O  | Ant2 | 5210 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80MIM<br>O  | Ant2 | 5210 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80MIM<br>O  | Ant3 | 5210 | NV | NT | -80000.00 | -15.355086 | 20 | PASS |
| 11AC80MIM<br>O  | Ant3 | 5210 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80MIM<br>O  | Ant3 | 5210 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC160MI<br>MO | Ant1 | 5250 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC160MI<br>MO | Ant1 | 5250 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC160MI<br>MO | Ant1 | 5250 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC160MI<br>MO | Ant2 | 5250 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC160MI<br>MO | Ant2 | 5250 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC160MI<br>MO | Ant2 | 5250 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC160MI<br>MO | Ant3 | 5250 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC160MI<br>MO | Ant3 | 5250 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC160MI<br>MO | Ant3 | 5250 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20MIM<br>O  | Ant1 | 5180 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20MIM<br>O  | Ant1 | 5180 | LV | NT | -20000.00 | -3.861004  | 20 | PASS |
| 11AX20MIM<br>O  | Ant1 | 5180 | HV | NT | 20000.00  | 3.861004   | 20 | PASS |

|                |      |      |    |    |           |           |    |      |
|----------------|------|------|----|----|-----------|-----------|----|------|
| 11AX20MIM<br>O | Ant2 | 5180 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20MIM<br>O | Ant2 | 5180 | LV | NT | 20000.00  | 3.861004  | 20 | PASS |
| 11AX20MIM<br>O | Ant2 | 5180 | HV | NT | 20000.00  | 3.861004  | 20 | PASS |
| 11AX20MIM<br>O | Ant3 | 5180 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20MIM<br>O | Ant3 | 5180 | LV | NT | 20000.00  | 3.861004  | 20 | PASS |
| 11AX20MIM<br>O | Ant3 | 5180 | HV | NT | 20000.00  | 3.861004  | 20 | PASS |
| 11AX20MIM<br>O | Ant1 | 5220 | NV | NT | -20000.00 | -3.831418 | 20 | PASS |
| 11AX20MIM<br>O | Ant1 | 5220 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20MIM<br>O | Ant1 | 5220 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20MIM<br>O | Ant2 | 5220 | NV | NT | 20000.00  | 3.831418  | 20 | PASS |
| 11AX20MIM<br>O | Ant2 | 5220 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20MIM<br>O | Ant2 | 5220 | HV | NT | -20000.00 | -3.831418 | 20 | PASS |
| 11AX20MIM<br>O | Ant3 | 5220 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20MIM<br>O | Ant3 | 5220 | LV | NT | -20000.00 | -3.831418 | 20 | PASS |
| 11AX20MIM<br>O | Ant3 | 5220 | HV | NT | -20000.00 | -3.831418 | 20 | PASS |
| 11AX20MIM<br>O | Ant1 | 5240 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20MIM<br>O | Ant1 | 5240 | LV | NT | 20000.00  | 3.816794  | 20 | PASS |
| 11AX20MIM<br>O | Ant1 | 5240 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20MIM<br>O | Ant2 | 5240 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20MIM<br>O | Ant2 | 5240 | LV | NT | 20000.00  | 3.816794  | 20 | PASS |
| 11AX20MIM<br>O | Ant2 | 5240 | HV | NT | 20000.00  | 3.816794  | 20 | PASS |

|                |      |      |    |    |           |            |    |      |
|----------------|------|------|----|----|-----------|------------|----|------|
| 11AX20MIM<br>O | Ant3 | 5240 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20MIM<br>O | Ant3 | 5240 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20MIM<br>O | Ant3 | 5240 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX40MIM<br>O | Ant1 | 5190 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX40MIM<br>O | Ant1 | 5190 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX40MIM<br>O | Ant1 | 5190 | HV | NT | 80000.00  | 15.414258  | 20 | PASS |
| 11AX40MIM<br>O | Ant2 | 5190 | NV | NT | -80000.00 | -15.414258 | 20 | PASS |
| 11AX40MIM<br>O | Ant2 | 5190 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX40MIM<br>O | Ant2 | 5190 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX40MIM<br>O | Ant3 | 5190 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX40MIM<br>O | Ant3 | 5190 | LV | NT | 40000.00  | 7.707129   | 20 | PASS |
| 11AX40MIM<br>O | Ant3 | 5190 | HV | NT | 40000.00  | 7.707129   | 20 | PASS |
| 11AX40MIM<br>O | Ant1 | 5230 | NV | NT | -40000.00 | -7.648184  | 20 | PASS |
| 11AX40MIM<br>O | Ant1 | 5230 | LV | NT | 40000.00  | 7.648184   | 20 | PASS |
| 11AX40MIM<br>O | Ant1 | 5230 | HV | NT | 40000.00  | 7.648184   | 20 | PASS |
| 11AX40MIM<br>O | Ant2 | 5230 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX40MIM<br>O | Ant2 | 5230 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX40MIM<br>O | Ant2 | 5230 | HV | NT | 40000.00  | 7.648184   | 20 | PASS |
| 11AX40MIM<br>O | Ant3 | 5230 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX40MIM<br>O | Ant3 | 5230 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX40MIM<br>O | Ant3 | 5230 | HV | NT | 40000.00  | 7.648184   | 20 | PASS |

|                 |      |      |    |    |          |          |    |      |
|-----------------|------|------|----|----|----------|----------|----|------|
| 11AX80MIM<br>O  | Ant1 | 5210 | NV | NT | 0.00     | 0.000000 | 20 | PASS |
| 11AX80MIM<br>O  | Ant1 | 5210 | LV | NT | 0.00     | 0.000000 | 20 | PASS |
| 11AX80MIM<br>O  | Ant1 | 5210 | HV | NT | 0.00     | 0.000000 | 20 | PASS |
| 11AX80MIM<br>O  | Ant2 | 5210 | NV | NT | 0.00     | 0.000000 | 20 | PASS |
| 11AX80MIM<br>O  | Ant2 | 5210 | LV | NT | 0.00     | 0.000000 | 20 | PASS |
| 11AX80MIM<br>O  | Ant2 | 5210 | HV | NT | 0.00     | 0.000000 | 20 | PASS |
| 11AX80MIM<br>O  | Ant3 | 5210 | NV | NT | 0.00     | 0.000000 | 20 | PASS |
| 11AX80MIM<br>O  | Ant3 | 5210 | LV | NT | 0.00     | 0.000000 | 20 | PASS |
| 11AX80MIM<br>O  | Ant3 | 5210 | HV | NT | 0.00     | 0.000000 | 20 | PASS |
| 11AX160MI<br>MO | Ant1 | 5250 | NV | NT | 0.00     | 0.000000 | 20 | PASS |
| 11AX160MI<br>MO | Ant1 | 5250 | LV | NT | 0.00     | 0.000000 | 20 | PASS |
| 11AX160MI<br>MO | Ant1 | 5250 | HV | NT | 0.00     | 0.000000 | 20 | PASS |
| 11AX160MI<br>MO | Ant2 | 5250 | NV | NT | 0.00     | 0.000000 | 20 | PASS |
| 11AX160MI<br>MO | Ant2 | 5250 | LV | NT | 0.00     | 0.000000 | 20 | PASS |
| 11AX160MI<br>MO | Ant2 | 5250 | HV | NT | 0.00     | 0.000000 | 20 | PASS |
| 11AX160MI<br>MO | Ant3 | 5250 | NV | NT | 0.00     | 0.000000 | 20 | PASS |
| 11AX160MI<br>MO | Ant3 | 5250 | LV | NT | 0.00     | 0.000000 | 20 | PASS |
| 11AX160MI<br>MO | Ant3 | 5250 | HV | NT | 0.00     | 0.000000 | 20 | PASS |
| 11BE20MIM<br>O  | Ant1 | 5180 | NV | NT | 0.00     | 0.000000 | 20 | PASS |
| 11BE20MIM<br>O  | Ant1 | 5180 | LV | NT | 20000.00 | 3.861004 | 20 | PASS |
| 11BE20MIM<br>O  | Ant1 | 5180 | HV | NT | 0.00     | 0.000000 | 20 | PASS |

|                |      |      |    |    |           |           |    |      |
|----------------|------|------|----|----|-----------|-----------|----|------|
| 11BE20MIM<br>O | Ant2 | 5180 | NV | NT | 20000.00  | 3.861004  | 20 | PASS |
| 11BE20MIM<br>O | Ant2 | 5180 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11BE20MIM<br>O | Ant2 | 5180 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11BE20MIM<br>O | Ant3 | 5180 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11BE20MIM<br>O | Ant3 | 5180 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11BE20MIM<br>O | Ant3 | 5180 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11BE20MIM<br>O | Ant1 | 5220 | NV | NT | 20000.00  | 3.831418  | 20 | PASS |
| 11BE20MIM<br>O | Ant1 | 5220 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11BE20MIM<br>O | Ant1 | 5220 | HV | NT | -20000.00 | -3.831418 | 20 | PASS |
| 11BE20MIM<br>O | Ant2 | 5220 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11BE20MIM<br>O | Ant2 | 5220 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11BE20MIM<br>O | Ant2 | 5220 | HV | NT | 20000.00  | 3.831418  | 20 | PASS |
| 11BE20MIM<br>O | Ant3 | 5220 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11BE20MIM<br>O | Ant3 | 5220 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11BE20MIM<br>O | Ant3 | 5220 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11BE20MIM<br>O | Ant1 | 5240 | NV | NT | -20000.00 | -3.816794 | 20 | PASS |
| 11BE20MIM<br>O | Ant1 | 5240 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11BE20MIM<br>O | Ant1 | 5240 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11BE20MIM<br>O | Ant2 | 5240 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11BE20MIM<br>O | Ant2 | 5240 | LV | NT | 20000.00  | 3.816794  | 20 | PASS |
| 11BE20MIM<br>O | Ant2 | 5240 | HV | NT | 20000.00  | 3.816794  | 20 | PASS |

|                |      |      |    |    |           |           |    |      |
|----------------|------|------|----|----|-----------|-----------|----|------|
| 11BE20MIM<br>O | Ant3 | 5240 | NV | NT | 20000.00  | 3.816794  | 20 | PASS |
| 11BE20MIM<br>O | Ant3 | 5240 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11BE20MIM<br>O | Ant3 | 5240 | HV | NT | 20000.00  | 3.816794  | 20 | PASS |
| 11BE40MIM<br>O | Ant1 | 5190 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11BE40MIM<br>O | Ant1 | 5190 | LV | NT | 40000.00  | 7.707129  | 20 | PASS |
| 11BE40MIM<br>O | Ant1 | 5190 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11BE40MIM<br>O | Ant2 | 5190 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11BE40MIM<br>O | Ant2 | 5190 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11BE40MIM<br>O | Ant2 | 5190 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11BE40MIM<br>O | Ant3 | 5190 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11BE40MIM<br>O | Ant3 | 5190 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11BE40MIM<br>O | Ant3 | 5190 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11BE40MIM<br>O | Ant1 | 5230 | NV | NT | 80000.00  | 15.296367 | 20 | PASS |
| 11BE40MIM<br>O | Ant1 | 5230 | LV | NT | 80000.00  | 15.296367 | 20 | PASS |
| 11BE40MIM<br>O | Ant1 | 5230 | HV | NT | -40000.00 | -7.648184 | 20 | PASS |
| 11BE40MIM<br>O | Ant2 | 5230 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11BE40MIM<br>O | Ant2 | 5230 | LV | NT | 40000.00  | 7.648184  | 20 | PASS |
| 11BE40MIM<br>O | Ant2 | 5230 | HV | NT | 80000.00  | 15.296367 | 20 | PASS |
| 11BE40MIM<br>O | Ant3 | 5230 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11BE40MIM<br>O | Ant3 | 5230 | LV | NT | -40000.00 | -7.648184 | 20 | PASS |
| 11BE40MIM<br>O | Ant3 | 5230 | HV | NT | 40000.00  | 7.648184  | 20 | PASS |

|                 |      |      |    |    |            |            |    |      |
|-----------------|------|------|----|----|------------|------------|----|------|
| 11BE80MIM<br>O  | Ant1 | 5210 | NV | NT | 0.00       | 0.000000   | 20 | PASS |
| 11BE80MIM<br>O  | Ant1 | 5210 | LV | NT | 0.00       | 0.000000   | 20 | PASS |
| 11BE80MIM<br>O  | Ant1 | 5210 | HV | NT | 0.00       | 0.000000   | 20 | PASS |
| 11BE80MIM<br>O  | Ant2 | 5210 | NV | NT | 0.00       | 0.000000   | 20 | PASS |
| 11BE80MIM<br>O  | Ant2 | 5210 | LV | NT | 80000.00   | 15.355086  | 20 | PASS |
| 11BE80MIM<br>O  | Ant2 | 5210 | HV | NT | -80000.00  | -15.355086 | 20 | PASS |
| 11BE80MIM<br>O  | Ant3 | 5210 | NV | NT | 80000.00   | 15.355086  | 20 | PASS |
| 11BE80MIM<br>O  | Ant3 | 5210 | LV | NT | 80000.00   | 15.355086  | 20 | PASS |
| 11BE80MIM<br>O  | Ant3 | 5210 | HV | NT | 0.00       | 0.000000   | 20 | PASS |
| 11BE160MI<br>MO | Ant1 | 5250 | NV | NT | 0.00       | 0.000000   | 20 | PASS |
| 11BE160MI<br>MO | Ant1 | 5250 | LV | NT | 0.00       | 0.000000   | 20 | PASS |
| 11BE160MI<br>MO | Ant1 | 5250 | HV | NT | -320000.00 | -60.952381 | 20 | PASS |
| 11BE160MI<br>MO | Ant2 | 5250 | NV | NT | 320000.00  | 60.952381  | 20 | PASS |
| 11BE160MI<br>MO | Ant2 | 5250 | LV | NT | 0.00       | 0.000000   | 20 | PASS |
| 11BE160MI<br>MO | Ant2 | 5250 | HV | NT | -160000.00 | -30.476190 | 20 | PASS |
| 11BE160MI<br>MO | Ant3 | 5250 | NV | NT | -160000.00 | -30.476190 | 20 | PASS |
| 11BE160MI<br>MO | Ant3 | 5250 | LV | NT | 0.00       | 0.000000   | 20 | PASS |
| 11BE160MI<br>MO | Ant3 | 5250 | HV | NT | 0.00       | 0.000000   | 20 | PASS |

| TestMode | Antenna | Frequen<br>cy[MHz] | Voltage<br>[Vdc] | Temper<br>ature<br>(°C) | Deviation<br>(Hz) | Deviation<br>(ppm) | Limit<br>(ppm) | Verdict |
|----------|---------|--------------------|------------------|-------------------------|-------------------|--------------------|----------------|---------|
| 11A      | Ant1    | 5180               | NV               | -30                     | 0.00              | 0.000000           | 20             | PASS    |
| 11A      | Ant1    | 5180               | NV               | -20                     | 0.00              | 0.000000           | 20             | PASS    |
| 11A      | Ant1    | 5180               | NV               | -10                     | 20000.00          | 3.861004           | 20             | PASS    |

|     |      |      |    |     |           |           |    |      |
|-----|------|------|----|-----|-----------|-----------|----|------|
| 11A | Ant1 | 5180 | NV | 0   | 20000.00  | 3.861004  | 20 | PASS |
| 11A | Ant1 | 5180 | NV | 10  | -20000.00 | -3.861004 | 20 | PASS |
| 11A | Ant1 | 5180 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5180 | NV | 30  | 20000.00  | 3.861004  | 20 | PASS |
| 11A | Ant1 | 5180 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5180 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5180 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5180 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5180 | NV | -10 | 20000.00  | 3.861004  | 20 | PASS |
| 11A | Ant2 | 5180 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5180 | NV | 10  | 20000.00  | 3.861004  | 20 | PASS |
| 11A | Ant2 | 5180 | NV | 20  | -20000.00 | -3.861004 | 20 | PASS |
| 11A | Ant2 | 5180 | NV | 30  | 20000.00  | 3.861004  | 20 | PASS |
| 11A | Ant2 | 5180 | NV | 40  | -20000.00 | -3.861004 | 20 | PASS |
| 11A | Ant2 | 5180 | NV | 50  | 20000.00  | 3.861004  | 20 | PASS |
| 11A | Ant3 | 5180 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant3 | 5180 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant3 | 5180 | NV | -10 | 20000.00  | 3.861004  | 20 | PASS |
| 11A | Ant3 | 5180 | NV | 0   | 20000.00  | 3.861004  | 20 | PASS |
| 11A | Ant3 | 5180 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant3 | 5180 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant3 | 5180 | NV | 30  | 20000.00  | 3.861004  | 20 | PASS |
| 11A | Ant3 | 5180 | NV | 40  | 20000.00  | 3.861004  | 20 | PASS |
| 11A | Ant3 | 5180 | NV | 50  | 20000.00  | 3.861004  | 20 | PASS |
| 11A | Ant1 | 5220 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5220 | NV | -20 | -20000.00 | -3.831418 | 20 | PASS |
| 11A | Ant1 | 5220 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5220 | NV | 0   | 20000.00  | 3.831418  | 20 | PASS |
| 11A | Ant1 | 5220 | NV | 10  | 20000.00  | 3.831418  | 20 | PASS |
| 11A | Ant1 | 5220 | NV | 20  | 20000.00  | 3.831418  | 20 | PASS |
| 11A | Ant1 | 5220 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5220 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5220 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5220 | NV | -30 | 20000.00  | 3.831418  | 20 | PASS |
| 11A | Ant2 | 5220 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5220 | NV | -10 | 20000.00  | 3.831418  | 20 | PASS |
| 11A | Ant2 | 5220 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5220 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5220 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5220 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5220 | NV | 40  | 20000.00  | 3.831418  | 20 | PASS |
| 11A | Ant2 | 5220 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |

|               |      |      |    |     |           |           |    |      |
|---------------|------|------|----|-----|-----------|-----------|----|------|
| 11A           | Ant3 | 5220 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11A           | Ant3 | 5220 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11A           | Ant3 | 5220 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11A           | Ant3 | 5220 | NV | 0   | -20000.00 | -3.831418 | 20 | PASS |
| 11A           | Ant3 | 5220 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11A           | Ant3 | 5220 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11A           | Ant3 | 5220 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11A           | Ant3 | 5220 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11A           | Ant3 | 5220 | NV | 50  | 20000.00  | 3.831418  | 20 | PASS |
| 11A           | Ant1 | 5240 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11A           | Ant1 | 5240 | NV | -20 | 20000.00  | 3.816794  | 20 | PASS |
| 11A           | Ant1 | 5240 | NV | -10 | 20000.00  | 3.816794  | 20 | PASS |
| 11A           | Ant1 | 5240 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11A           | Ant1 | 5240 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11A           | Ant1 | 5240 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11A           | Ant1 | 5240 | NV | 30  | 20000.00  | 3.816794  | 20 | PASS |
| 11A           | Ant1 | 5240 | NV | 40  | 20000.00  | 3.816794  | 20 | PASS |
| 11A           | Ant1 | 5240 | NV | 50  | -20000.00 | -3.816794 | 20 | PASS |
| 11A           | Ant2 | 5240 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11A           | Ant2 | 5240 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11A           | Ant2 | 5240 | NV | -10 | 20000.00  | 3.816794  | 20 | PASS |
| 11A           | Ant2 | 5240 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11A           | Ant2 | 5240 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11A           | Ant2 | 5240 | NV | 20  | 20000.00  | 3.816794  | 20 | PASS |
| 11A           | Ant2 | 5240 | NV | 30  | 20000.00  | 3.816794  | 20 | PASS |
| 11A           | Ant2 | 5240 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11A           | Ant2 | 5240 | NV | 50  | 20000.00  | 3.816794  | 20 | PASS |
| 11A           | Ant3 | 5240 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11A           | Ant3 | 5240 | NV | -20 | 40000.00  | 7.633588  | 20 | PASS |
| 11A           | Ant3 | 5240 | NV | -10 | 40000.00  | 7.633588  | 20 | PASS |
| 11A           | Ant3 | 5240 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11A           | Ant3 | 5240 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11A           | Ant3 | 5240 | NV | 20  | 20000.00  | 3.816794  | 20 | PASS |
| 11A           | Ant3 | 5240 | NV | 30  | 20000.00  | 3.816794  | 20 | PASS |
| 11A           | Ant3 | 5240 | NV | 40  | 20000.00  | 3.816794  | 20 | PASS |
| 11A           | Ant3 | 5240 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5180 | NV | -30 | -20000.00 | -3.861004 | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5180 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5180 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |

|               |      |      |    |     |           |           |    |      |
|---------------|------|------|----|-----|-----------|-----------|----|------|
| 11N20MI<br>MO | Ant1 | 5180 | NV | 0   | 20000.00  | 3.861004  | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5180 | NV | 10  | 20000.00  | 3.861004  | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5180 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5180 | NV | 30  | -20000.00 | -3.861004 | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5180 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5180 | NV | 50  | 20000.00  | 3.861004  | 20 | PASS |
| 11N20MI<br>MO | Ant2 | 5180 | NV | -30 | 20000.00  | 3.861004  | 20 | PASS |
| 11N20MI<br>MO | Ant2 | 5180 | NV | -20 | -20000.00 | -3.861004 | 20 | PASS |
| 11N20MI<br>MO | Ant2 | 5180 | NV | -10 | 20000.00  | 3.861004  | 20 | PASS |
| 11N20MI<br>MO | Ant2 | 5180 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant2 | 5180 | NV | 10  | -20000.00 | -3.861004 | 20 | PASS |
| 11N20MI<br>MO | Ant2 | 5180 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant2 | 5180 | NV | 30  | -20000.00 | -3.861004 | 20 | PASS |
| 11N20MI<br>MO | Ant2 | 5180 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant2 | 5180 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant3 | 5180 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant3 | 5180 | NV | -20 | 40000.00  | 7.722008  | 20 | PASS |
| 11N20MI<br>MO | Ant3 | 5180 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant3 | 5180 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant3 | 5180 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant3 | 5180 | NV | 20  | 20000.00  | 3.861004  | 20 | PASS |

|               |      |      |    |     |           |           |    |      |
|---------------|------|------|----|-----|-----------|-----------|----|------|
| 11N20MI<br>MO | Ant3 | 5180 | NV | 30  | -20000.00 | -3.861004 | 20 | PASS |
| 11N20MI<br>MO | Ant3 | 5180 | NV | 40  | 20000.00  | 3.861004  | 20 | PASS |
| 11N20MI<br>MO | Ant3 | 5180 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5220 | NV | -30 | 20000.00  | 3.831418  | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5220 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5220 | NV | -10 | 20000.00  | 3.831418  | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5220 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5220 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5220 | NV | 20  | 20000.00  | 3.831418  | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5220 | NV | 30  | -20000.00 | -3.831418 | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5220 | NV | 40  | 20000.00  | 3.831418  | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5220 | NV | 50  | -20000.00 | -3.831418 | 20 | PASS |
| 11N20MI<br>MO | Ant2 | 5220 | NV | -30 | 20000.00  | 3.831418  | 20 | PASS |
| 11N20MI<br>MO | Ant2 | 5220 | NV | -20 | -20000.00 | -3.831418 | 20 | PASS |
| 11N20MI<br>MO | Ant2 | 5220 | NV | -10 | 20000.00  | 3.831418  | 20 | PASS |
| 11N20MI<br>MO | Ant2 | 5220 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant2 | 5220 | NV | 10  | 20000.00  | 3.831418  | 20 | PASS |
| 11N20MI<br>MO | Ant2 | 5220 | NV | 20  | 20000.00  | 3.831418  | 20 | PASS |
| 11N20MI<br>MO | Ant2 | 5220 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant2 | 5220 | NV | 40  | 20000.00  | 3.831418  | 20 | PASS |
| 11N20MI<br>MO | Ant2 | 5220 | NV | 50  | 20000.00  | 3.831418  | 20 | PASS |

|               |      |      |    |     |           |           |    |      |
|---------------|------|------|----|-----|-----------|-----------|----|------|
| 11N20MI<br>MO | Ant3 | 5220 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant3 | 5220 | NV | -20 | 20000.00  | 3.831418  | 20 | PASS |
| 11N20MI<br>MO | Ant3 | 5220 | NV | -10 | 40000.00  | 7.662835  | 20 | PASS |
| 11N20MI<br>MO | Ant3 | 5220 | NV | 0   | -20000.00 | -3.831418 | 20 | PASS |
| 11N20MI<br>MO | Ant3 | 5220 | NV | 10  | 20000.00  | 3.831418  | 20 | PASS |
| 11N20MI<br>MO | Ant3 | 5220 | NV | 20  | -20000.00 | -3.831418 | 20 | PASS |
| 11N20MI<br>MO | Ant3 | 5220 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant3 | 5220 | NV | 40  | 20000.00  | 3.831418  | 20 | PASS |
| 11N20MI<br>MO | Ant3 | 5220 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5240 | NV | -30 | 20000.00  | 3.816794  | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5240 | NV | -20 | 20000.00  | 3.816794  | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5240 | NV | -10 | -20000.00 | -3.816794 | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5240 | NV | 0   | -20000.00 | -3.816794 | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5240 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5240 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5240 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5240 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5240 | NV | 50  | 20000.00  | 3.816794  | 20 | PASS |
| 11N20MI<br>MO | Ant2 | 5240 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant2 | 5240 | NV | -20 | -20000.00 | -3.816794 | 20 | PASS |
| 11N20MI<br>MO | Ant2 | 5240 | NV | -10 | -20000.00 | -3.816794 | 20 | PASS |

|               |      |      |    |     |           |           |    |      |
|---------------|------|------|----|-----|-----------|-----------|----|------|
| 11N20MI<br>MO | Ant2 | 5240 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant2 | 5240 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant2 | 5240 | NV | 20  | -20000.00 | -3.816794 | 20 | PASS |
| 11N20MI<br>MO | Ant2 | 5240 | NV | 30  | 20000.00  | 3.816794  | 20 | PASS |
| 11N20MI<br>MO | Ant2 | 5240 | NV | 40  | 20000.00  | 3.816794  | 20 | PASS |
| 11N20MI<br>MO | Ant2 | 5240 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant3 | 5240 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant3 | 5240 | NV | -20 | 40000.00  | 7.633588  | 20 | PASS |
| 11N20MI<br>MO | Ant3 | 5240 | NV | -10 | -20000.00 | -3.816794 | 20 | PASS |
| 11N20MI<br>MO | Ant3 | 5240 | NV | 0   | 20000.00  | 3.816794  | 20 | PASS |
| 11N20MI<br>MO | Ant3 | 5240 | NV | 10  | -20000.00 | -3.816794 | 20 | PASS |
| 11N20MI<br>MO | Ant3 | 5240 | NV | 20  | 20000.00  | 3.816794  | 20 | PASS |
| 11N20MI<br>MO | Ant3 | 5240 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant3 | 5240 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N20MI<br>MO | Ant3 | 5240 | NV | 50  | -20000.00 | -3.816794 | 20 | PASS |
| 11N40MI<br>MO | Ant1 | 5190 | NV | -30 | 80000.00  | 15.414258 | 20 | PASS |
| 11N40MI<br>MO | Ant1 | 5190 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N40MI<br>MO | Ant1 | 5190 | NV | -10 | -40000.00 | -7.707129 | 20 | PASS |
| 11N40MI<br>MO | Ant1 | 5190 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N40MI<br>MO | Ant1 | 5190 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N40MI<br>MO | Ant1 | 5190 | NV | 20  | -40000.00 | -7.707129 | 20 | PASS |

|               |      |      |    |     |           |           |    |      |
|---------------|------|------|----|-----|-----------|-----------|----|------|
| 11N40MI<br>MO | Ant1 | 5190 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N40MI<br>MO | Ant1 | 5190 | NV | 40  | 40000.00  | 7.707129  | 20 | PASS |
| 11N40MI<br>MO | Ant1 | 5190 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11N40MI<br>MO | Ant2 | 5190 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N40MI<br>MO | Ant2 | 5190 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N40MI<br>MO | Ant2 | 5190 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N40MI<br>MO | Ant2 | 5190 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N40MI<br>MO | Ant2 | 5190 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N40MI<br>MO | Ant2 | 5190 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N40MI<br>MO | Ant2 | 5190 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N40MI<br>MO | Ant2 | 5190 | NV | 40  | 40000.00  | 7.707129  | 20 | PASS |
| 11N40MI<br>MO | Ant2 | 5190 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11N40MI<br>MO | Ant3 | 5190 | NV | -30 | -40000.00 | -7.707129 | 20 | PASS |
| 11N40MI<br>MO | Ant3 | 5190 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N40MI<br>MO | Ant3 | 5190 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N40MI<br>MO | Ant3 | 5190 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N40MI<br>MO | Ant3 | 5190 | NV | 10  | 40000.00  | 7.707129  | 20 | PASS |
| 11N40MI<br>MO | Ant3 | 5190 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N40MI<br>MO | Ant3 | 5190 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N40MI<br>MO | Ant3 | 5190 | NV | 40  | -40000.00 | -7.707129 | 20 | PASS |
| 11N40MI<br>MO | Ant3 | 5190 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |

|               |      |      |    |     |           |            |    |      |
|---------------|------|------|----|-----|-----------|------------|----|------|
| 11N40MI<br>MO | Ant1 | 5230 | NV | -30 | 40000.00  | 7.648184   | 20 | PASS |
| 11N40MI<br>MO | Ant1 | 5230 | NV | -20 | -40000.00 | -7.648184  | 20 | PASS |
| 11N40MI<br>MO | Ant1 | 5230 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11N40MI<br>MO | Ant1 | 5230 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11N40MI<br>MO | Ant1 | 5230 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11N40MI<br>MO | Ant1 | 5230 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11N40MI<br>MO | Ant1 | 5230 | NV | 30  | -40000.00 | -7.648184  | 20 | PASS |
| 11N40MI<br>MO | Ant1 | 5230 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11N40MI<br>MO | Ant1 | 5230 | NV | 50  | 40000.00  | 7.648184   | 20 | PASS |
| 11N40MI<br>MO | Ant2 | 5230 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11N40MI<br>MO | Ant2 | 5230 | NV | -20 | -40000.00 | -7.648184  | 20 | PASS |
| 11N40MI<br>MO | Ant2 | 5230 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11N40MI<br>MO | Ant2 | 5230 | NV | 0   | 40000.00  | 7.648184   | 20 | PASS |
| 11N40MI<br>MO | Ant2 | 5230 | NV | 10  | 40000.00  | 7.648184   | 20 | PASS |
| 11N40MI<br>MO | Ant2 | 5230 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11N40MI<br>MO | Ant2 | 5230 | NV | 30  | -80000.00 | -15.296367 | 20 | PASS |
| 11N40MI<br>MO | Ant2 | 5230 | NV | 40  | 40000.00  | 7.648184   | 20 | PASS |
| 11N40MI<br>MO | Ant2 | 5230 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11N40MI<br>MO | Ant3 | 5230 | NV | -30 | 40000.00  | 7.648184   | 20 | PASS |
| 11N40MI<br>MO | Ant3 | 5230 | NV | -20 | -40000.00 | -7.648184  | 20 | PASS |
| 11N40MI<br>MO | Ant3 | 5230 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |

|                |      |      |    |     |           |           |    |      |
|----------------|------|------|----|-----|-----------|-----------|----|------|
| 11N40MI<br>MO  | Ant3 | 5230 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N40MI<br>MO  | Ant3 | 5230 | NV | 10  | -40000.00 | -7.648184 | 20 | PASS |
| 11N40MI<br>MO  | Ant3 | 5230 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N40MI<br>MO  | Ant3 | 5230 | NV | 30  | 40000.00  | 7.648184  | 20 | PASS |
| 11N40MI<br>MO  | Ant3 | 5230 | NV | 40  | -40000.00 | -7.648184 | 20 | PASS |
| 11N40MI<br>MO  | Ant3 | 5230 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant1 | 5180 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant1 | 5180 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant1 | 5180 | NV | -10 | 20000.00  | 3.861004  | 20 | PASS |
| 11AC20M<br>IMO | Ant1 | 5180 | NV | 0   | 20000.00  | 3.861004  | 20 | PASS |
| 11AC20M<br>IMO | Ant2 | 5180 | NV | 0   | 20000.00  | 3.861004  | 20 | PASS |
| 11AC20M<br>IMO | Ant2 | 5180 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant2 | 5180 | NV | 20  | 20000.00  | 3.861004  | 20 | PASS |
| 11AC20M<br>IMO | Ant2 | 5180 | NV | 30  | 20000.00  | 3.861004  | 20 | PASS |
| 11AC20M<br>IMO | Ant2 | 5180 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant2 | 5180 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant3 | 5180 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant3 | 5180 | NV | -20 | 20000.00  | 3.861004  | 20 | PASS |
| 11AC20M<br>IMO | Ant3 | 5180 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant3 | 5180 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant1 | 5180 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |

|                |      |      |    |     |           |           |    |      |
|----------------|------|------|----|-----|-----------|-----------|----|------|
| 11AC20M<br>IMO | Ant1 | 5180 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant1 | 5180 | NV | 30  | 20000.00  | 3.861004  | 20 | PASS |
| 11AC20M<br>IMO | Ant1 | 5180 | NV | 40  | 20000.00  | 3.861004  | 20 | PASS |
| 11AC20M<br>IMO | Ant1 | 5180 | NV | 50  | 20000.00  | 3.861004  | 20 | PASS |
| 11AC20M<br>IMO | Ant2 | 5180 | NV | -30 | 40000.00  | 7.722008  | 20 | PASS |
| 11AC20M<br>IMO | Ant2 | 5180 | NV | -20 | -20000.00 | -3.861004 | 20 | PASS |
| 11AC20M<br>IMO | Ant2 | 5180 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant3 | 5180 | NV | 10  | 20000.00  | 3.861004  | 20 | PASS |
| 11AC20M<br>IMO | Ant3 | 5180 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant3 | 5180 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant3 | 5180 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant3 | 5180 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant1 | 5220 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant1 | 5220 | NV | -20 | -20000.00 | -3.831418 | 20 | PASS |
| 11AC20M<br>IMO | Ant1 | 5220 | NV | -10 | -20000.00 | -3.831418 | 20 | PASS |
| 11AC20M<br>IMO | Ant1 | 5220 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant1 | 5220 | NV | 10  | -20000.00 | -3.831418 | 20 | PASS |
| 11AC20M<br>IMO | Ant1 | 5220 | NV | 20  | 20000.00  | 3.831418  | 20 | PASS |
| 11AC20M<br>IMO | Ant1 | 5220 | NV | 30  | 20000.00  | 3.831418  | 20 | PASS |
| 11AC20M<br>IMO | Ant1 | 5220 | NV | 40  | 20000.00  | 3.831418  | 20 | PASS |
| 11AC20M<br>IMO | Ant1 | 5220 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |

|                |      |      |    |     |           |           |    |      |
|----------------|------|------|----|-----|-----------|-----------|----|------|
| 11AC20M<br>IMO | Ant2 | 5220 | NV | -30 | 40000.00  | 7.662835  | 20 | PASS |
| 11AC20M<br>IMO | Ant2 | 5220 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant2 | 5220 | NV | -10 | -20000.00 | -3.831418 | 20 | PASS |
| 11AC20M<br>IMO | Ant2 | 5220 | NV | 0   | 20000.00  | 3.831418  | 20 | PASS |
| 11AC20M<br>IMO | Ant2 | 5220 | NV | 10  | 20000.00  | 3.831418  | 20 | PASS |
| 11AC20M<br>IMO | Ant2 | 5220 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant2 | 5220 | NV | 30  | 20000.00  | 3.831418  | 20 | PASS |
| 11AC20M<br>IMO | Ant2 | 5220 | NV | 40  | -20000.00 | -3.831418 | 20 | PASS |
| 11AC20M<br>IMO | Ant2 | 5220 | NV | 50  | 20000.00  | 3.831418  | 20 | PASS |
| 11AC20M<br>IMO | Ant3 | 5220 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant3 | 5220 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant3 | 5220 | NV | -10 | 20000.00  | 3.831418  | 20 | PASS |
| 11AC20M<br>IMO | Ant3 | 5220 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant3 | 5220 | NV | 10  | -20000.00 | -3.831418 | 20 | PASS |
| 11AC20M<br>IMO | Ant3 | 5220 | NV | 20  | -20000.00 | -3.831418 | 20 | PASS |
| 11AC20M<br>IMO | Ant3 | 5220 | NV | 30  | 20000.00  | 3.831418  | 20 | PASS |
| 11AC20M<br>IMO | Ant3 | 5220 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant3 | 5220 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant1 | 5240 | NV | -30 | -20000.00 | -3.816794 | 20 | PASS |
| 11AC20M<br>IMO | Ant1 | 5240 | NV | -20 | 20000.00  | 3.816794  | 20 | PASS |
| 11AC20M<br>IMO | Ant1 | 5240 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |

|                |      |      |    |     |           |           |    |      |
|----------------|------|------|----|-----|-----------|-----------|----|------|
| 11AC20M<br>IMO | Ant1 | 5240 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant1 | 5240 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant1 | 5240 | NV | 20  | 20000.00  | 3.816794  | 20 | PASS |
| 11AC20M<br>IMO | Ant1 | 5240 | NV | 30  | 20000.00  | 3.816794  | 20 | PASS |
| 11AC20M<br>IMO | Ant1 | 5240 | NV | 40  | 20000.00  | 3.816794  | 20 | PASS |
| 11AC20M<br>IMO | Ant1 | 5240 | NV | 50  | -20000.00 | -3.816794 | 20 | PASS |
| 11AC20M<br>IMO | Ant2 | 5240 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant2 | 5240 | NV | -20 | -20000.00 | -3.816794 | 20 | PASS |
| 11AC20M<br>IMO | Ant2 | 5240 | NV | -10 | 20000.00  | 3.816794  | 20 | PASS |
| 11AC20M<br>IMO | Ant2 | 5240 | NV | 0   | 20000.00  | 3.816794  | 20 | PASS |
| 11AC20M<br>IMO | Ant2 | 5240 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant2 | 5240 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant2 | 5240 | NV | 30  | 20000.00  | 3.816794  | 20 | PASS |
| 11AC20M<br>IMO | Ant2 | 5240 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant2 | 5240 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20M<br>IMO | Ant3 | 5240 | NV | -30 | -20000.00 | -3.816794 | 20 | PASS |
| 11AC20M<br>IMO | Ant3 | 5240 | NV | -20 | 20000.00  | 3.816794  | 20 | PASS |
| 11AC20M<br>IMO | Ant3 | 5240 | NV | -10 | 20000.00  | 3.816794  | 20 | PASS |
| 11AC20M<br>IMO | Ant3 | 5240 | NV | 0   | 20000.00  | 3.816794  | 20 | PASS |
| 11AC20M<br>IMO | Ant3 | 5240 | NV | 10  | 40000.00  | 7.633588  | 20 | PASS |
| 11AC20M<br>IMO | Ant3 | 5240 | NV | 20  | 20000.00  | 3.816794  | 20 | PASS |

|                |      |      |    |     |           |           |    |      |
|----------------|------|------|----|-----|-----------|-----------|----|------|
| 11AC20M<br>IMO | Ant3 | 5240 | NV | 30  | -20000.00 | -3.816794 | 20 | PASS |
| 11AC20M<br>IMO | Ant3 | 5240 | NV | 40  | 20000.00  | 3.816794  | 20 | PASS |
| 11AC20M<br>IMO | Ant3 | 5240 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40M<br>IMO | Ant1 | 5190 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40M<br>IMO | Ant1 | 5190 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40M<br>IMO | Ant1 | 5190 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40M<br>IMO | Ant1 | 5190 | NV | 0   | 40000.00  | 7.707129  | 20 | PASS |
| 11AC40M<br>IMO | Ant1 | 5190 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40M<br>IMO | Ant1 | 5190 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40M<br>IMO | Ant1 | 5190 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40M<br>IMO | Ant1 | 5190 | NV | 40  | -40000.00 | -7.707129 | 20 | PASS |
| 11AC40M<br>IMO | Ant1 | 5190 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40M<br>IMO | Ant2 | 5190 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40M<br>IMO | Ant2 | 5190 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40M<br>IMO | Ant2 | 5190 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40M<br>IMO | Ant2 | 5190 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC40M<br>IMO | Ant2 | 5190 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40M<br>IMO | Ant2 | 5190 | NV | 20  | -40000.00 | -7.707129 | 20 | PASS |
| 11AC40M<br>IMO | Ant2 | 5190 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40M<br>IMO | Ant2 | 5190 | NV | 40  | 40000.00  | 7.707129  | 20 | PASS |
| 11AC40M<br>IMO | Ant2 | 5190 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |

|                |      |      |    |     |           |           |    |      |
|----------------|------|------|----|-----|-----------|-----------|----|------|
| 11AC40M<br>IMO | Ant3 | 5190 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40M<br>IMO | Ant3 | 5190 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40M<br>IMO | Ant3 | 5190 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40M<br>IMO | Ant3 | 5190 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC40M<br>IMO | Ant3 | 5190 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40M<br>IMO | Ant3 | 5190 | NV | 20  | 80000.00  | 15.414258 | 20 | PASS |
| 11AC40M<br>IMO | Ant3 | 5190 | NV | 30  | 40000.00  | 7.707129  | 20 | PASS |
| 11AC40M<br>IMO | Ant3 | 5190 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40M<br>IMO | Ant3 | 5190 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40M<br>IMO | Ant1 | 5230 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40M<br>IMO | Ant1 | 5230 | NV | -20 | 40000.00  | 7.648184  | 20 | PASS |
| 11AC40M<br>IMO | Ant1 | 5230 | NV | -10 | 40000.00  | 7.648184  | 20 | PASS |
| 11AC40M<br>IMO | Ant1 | 5230 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC40M<br>IMO | Ant1 | 5230 | NV | 10  | 80000.00  | 15.296367 | 20 | PASS |
| 11AC40M<br>IMO | Ant1 | 5230 | NV | 20  | -40000.00 | -7.648184 | 20 | PASS |
| 11AC40M<br>IMO | Ant1 | 5230 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40M<br>IMO | Ant1 | 5230 | NV | 40  | -40000.00 | -7.648184 | 20 | PASS |
| 11AC40M<br>IMO | Ant1 | 5230 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40M<br>IMO | Ant2 | 5230 | NV | -30 | 80000.00  | 15.296367 | 20 | PASS |
| 11AC40M<br>IMO | Ant2 | 5230 | NV | -20 | 40000.00  | 7.648184  | 20 | PASS |
| 11AC40M<br>IMO | Ant2 | 5230 | NV | -10 | -40000.00 | -7.648184 | 20 | PASS |

|                |      |      |    |     |           |            |    |      |
|----------------|------|------|----|-----|-----------|------------|----|------|
| 11AC40M<br>IMO | Ant2 | 5230 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AC40M<br>IMO | Ant2 | 5230 | NV | 10  | 40000.00  | 7.648184   | 20 | PASS |
| 11AC40M<br>IMO | Ant2 | 5230 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AC40M<br>IMO | Ant2 | 5230 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AC40M<br>IMO | Ant2 | 5230 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AC40M<br>IMO | Ant2 | 5230 | NV | 50  | -80000.00 | -15.296367 | 20 | PASS |
| 11AC40M<br>IMO | Ant3 | 5230 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AC40M<br>IMO | Ant3 | 5230 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AC40M<br>IMO | Ant3 | 5230 | NV | -10 | -40000.00 | -7.648184  | 20 | PASS |
| 11AC40M<br>IMO | Ant3 | 5230 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AC40M<br>IMO | Ant3 | 5230 | NV | 10  | 40000.00  | 7.648184   | 20 | PASS |
| 11AC40M<br>IMO | Ant3 | 5230 | NV | 20  | -40000.00 | -7.648184  | 20 | PASS |
| 11AC40M<br>IMO | Ant3 | 5230 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AC40M<br>IMO | Ant3 | 5230 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AC40M<br>IMO | Ant3 | 5230 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80M<br>IMO | Ant1 | 5210 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80M<br>IMO | Ant1 | 5210 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80M<br>IMO | Ant1 | 5210 | NV | -10 | -80000.00 | -15.355086 | 20 | PASS |
| 11AC80M<br>IMO | Ant1 | 5210 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AC80M<br>IMO | Ant1 | 5210 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80M<br>IMO | Ant1 | 5210 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |

|                |      |      |    |     |           |            |    |      |
|----------------|------|------|----|-----|-----------|------------|----|------|
| 11AC80M<br>IMO | Ant1 | 5210 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80M<br>IMO | Ant1 | 5210 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80M<br>IMO | Ant1 | 5210 | NV | 50  | 80000.00  | 15.355086  | 20 | PASS |
| 11AC80M<br>IMO | Ant2 | 5210 | NV | -30 | -80000.00 | -15.355086 | 20 | PASS |
| 11AC80M<br>IMO | Ant2 | 5210 | NV | -20 | 80000.00  | 15.355086  | 20 | PASS |
| 11AC80M<br>IMO | Ant2 | 5210 | NV | -10 | 80000.00  | 15.355086  | 20 | PASS |
| 11AC80M<br>IMO | Ant2 | 5210 | NV | 0   | 80000.00  | 15.355086  | 20 | PASS |
| 11AC80M<br>IMO | Ant2 | 5210 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80M<br>IMO | Ant2 | 5210 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80M<br>IMO | Ant2 | 5210 | NV | 30  | 80000.00  | 15.355086  | 20 | PASS |
| 11AC80M<br>IMO | Ant2 | 5210 | NV | 40  | -80000.00 | -15.355086 | 20 | PASS |
| 11AC80M<br>IMO | Ant2 | 5210 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80M<br>IMO | Ant3 | 5210 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80M<br>IMO | Ant3 | 5210 | NV | -20 | -80000.00 | -15.355086 | 20 | PASS |
| 11AC80M<br>IMO | Ant3 | 5210 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80M<br>IMO | Ant3 | 5210 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AC80M<br>IMO | Ant3 | 5210 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80M<br>IMO | Ant3 | 5210 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80M<br>IMO | Ant3 | 5210 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80M<br>IMO | Ant3 | 5210 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80M<br>IMO | Ant3 | 5210 | NV | 50  | -80000.00 | -15.355086 | 20 | PASS |

|                 |      |      |    |     |                 |                 |    |      |
|-----------------|------|------|----|-----|-----------------|-----------------|----|------|
| 11AC160<br>MIMO | Ant1 | 5250 | NV | -30 | 0.00            | 0.000000        | 20 | PASS |
| 11AC160<br>MIMO | Ant1 | 5250 | NV | -20 | -160000.00      | -30.476190      | 20 | PASS |
| 11AC160<br>MIMO | Ant1 | 5250 | NV | -10 | -160000.00      | -30.476190      | 20 | PASS |
| 11AC160<br>MIMO | Ant1 | 5250 | NV | 0   | -160000.00      | -30.476190      | 20 | PASS |
| 11AC160<br>MIMO | Ant1 | 5250 | NV | 10  | -320000.00      | -60.952381      | 20 | PASS |
| 11AC160<br>MIMO | Ant1 | 5250 | NV | 20  | -320000.00      | -60.952381      | 20 | PASS |
| 11AC160<br>MIMO | Ant1 | 5250 | NV | 30  | 0.00            | 0.000000        | 20 | PASS |
| 11AC160<br>MIMO | Ant1 | 5250 | NV | 40  | -160000.00      | -30.476190      | 20 | PASS |
| 11AC160<br>MIMO | Ant1 | 5250 | NV | 50  | 0.00            | 0.000000        | 20 | PASS |
| 11AC160<br>MIMO | Ant2 | 5250 | NV | -30 | 480000.00       | 91.428571       | 20 | PASS |
| 11AC160<br>MIMO | Ant2 | 5250 | NV | -20 | 0.00            | 0.000000        | 20 | PASS |
| 11AC160<br>MIMO | Ant2 | 5250 | NV | -10 | -320000.00      | -60.952381      | 20 | PASS |
| 11AC160<br>MIMO | Ant2 | 5250 | NV | 0   | -160000.00      | -30.476190      | 20 | PASS |
| 11AC160<br>MIMO | Ant2 | 5250 | NV | 10  | -320000.00      | -60.952381      | 20 | PASS |
| 11AC160<br>MIMO | Ant2 | 5250 | NV | 20  | 0.00            | 0.000000        | 20 | PASS |
| 11AC160<br>MIMO | Ant2 | 5250 | NV | 30  | 0.00            | 0.000000        | 20 | PASS |
| 11AC160<br>MIMO | Ant2 | 5250 | NV | 40  | 0.00            | 0.000000        | 20 | PASS |
| 11AC160<br>MIMO | Ant2 | 5250 | NV | 50  | -160000.00      | -30.476190      | 20 | PASS |
| 11AC160<br>MIMO | Ant3 | 5250 | NV | -30 | 160000.00       | 30.476190       | 20 | PASS |
| 11AC160<br>MIMO | Ant3 | 5250 | NV | -20 | -1280000.0<br>0 | -243.80952<br>4 | 20 | PASS |
| 11AC160<br>MIMO | Ant3 | 5250 | NV | -10 | 0.00            | 0.000000        | 20 | PASS |

|                 |      |      |    |     |            |                 |    |      |
|-----------------|------|------|----|-----|------------|-----------------|----|------|
| 11AC160<br>MIMO | Ant3 | 5250 | NV | 0   | -160000.00 | -30.476190      | 20 | PASS |
| 11AC160<br>MIMO | Ant3 | 5250 | NV | 10  | 0.00       | 0.000000        | 20 | PASS |
| 11AC160<br>MIMO | Ant3 | 5250 | NV | 20  | -480000.00 | -91.428571      | 20 | PASS |
| 11AC160<br>MIMO | Ant3 | 5250 | NV | 30  | 160000.00  | 30.476190       | 20 | PASS |
| 11AC160<br>MIMO | Ant3 | 5250 | NV | 40  | -640000.00 | -121.90476<br>2 | 20 | PASS |
| 11AC160<br>MIMO | Ant3 | 5250 | NV | 50  | 160000.00  | 30.476190       | 20 | PASS |
| 11AX20M<br>IMO  | Ant3 | 5180 | NV | 50  | 0.00       | 0.000000        | 20 | PASS |
| 11AX20M<br>IMO  | Ant1 | 5220 | NV | -30 | 0.00       | 0.000000        | 20 | PASS |
| 11AX20M<br>IMO  | Ant1 | 5220 | NV | -20 | 0.00       | 0.000000        | 20 | PASS |
| 11AX20M<br>IMO  | Ant1 | 5220 | NV | -10 | 0.00       | 0.000000        | 20 | PASS |
| 11AX20M<br>IMO  | Ant1 | 5220 | NV | 0   | 0.00       | 0.000000        | 20 | PASS |
| 11AX20M<br>IMO  | Ant1 | 5220 | NV | 10  | 20000.00   | 3.831418        | 20 | PASS |
| 11AX20M<br>IMO  | Ant1 | 5220 | NV | 20  | -20000.00  | -3.831418       | 20 | PASS |
| 11AX20M<br>IMO  | Ant1 | 5220 | NV | 30  | 0.00       | 0.000000        | 20 | PASS |
| 11AX20M<br>IMO  | Ant1 | 5220 | NV | 40  | 20000.00   | 3.831418        | 20 | PASS |
| 11AX20M<br>IMO  | Ant1 | 5220 | NV | 50  | 0.00       | 0.000000        | 20 | PASS |
| 11AX20M<br>IMO  | Ant2 | 5220 | NV | -30 | 0.00       | 0.000000        | 20 | PASS |
| 11AX20M<br>IMO  | Ant2 | 5220 | NV | -20 | 20000.00   | 3.831418        | 20 | PASS |
| 11AX20M<br>IMO  | Ant2 | 5220 | NV | -10 | 20000.00   | 3.831418        | 20 | PASS |
| 11AX20M<br>IMO  | Ant2 | 5220 | NV | 0   | 20000.00   | 3.831418        | 20 | PASS |
| 11AX20M<br>IMO  | Ant2 | 5220 | NV | 10  | -20000.00  | -3.831418       | 20 | PASS |

|                |      |      |    |     |           |           |    |      |
|----------------|------|------|----|-----|-----------|-----------|----|------|
| 11AX20M<br>IMO | Ant2 | 5220 | NV | 20  | 20000.00  | 3.831418  | 20 | PASS |
| 11AX20M<br>IMO | Ant2 | 5220 | NV | 30  | 20000.00  | 3.831418  | 20 | PASS |
| 11AX20M<br>IMO | Ant2 | 5220 | NV | 40  | 20000.00  | 3.831418  | 20 | PASS |
| 11AX20M<br>IMO | Ant2 | 5220 | NV | 50  | -20000.00 | -3.831418 | 20 | PASS |
| 11AX20M<br>IMO | Ant3 | 5220 | NV | -30 | -20000.00 | -3.831418 | 20 | PASS |
| 11AX20M<br>IMO | Ant3 | 5220 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20M<br>IMO | Ant3 | 5220 | NV | -10 | -20000.00 | -3.831418 | 20 | PASS |
| 11AX20M<br>IMO | Ant3 | 5220 | NV | 0   | -20000.00 | -3.831418 | 20 | PASS |
| 11AX20M<br>IMO | Ant3 | 5220 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20M<br>IMO | Ant3 | 5220 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20M<br>IMO | Ant3 | 5220 | NV | 30  | 20000.00  | 3.831418  | 20 | PASS |
| 11AX20M<br>IMO | Ant3 | 5220 | NV | 40  | 20000.00  | 3.831418  | 20 | PASS |
| 11AX20M<br>IMO | Ant3 | 5220 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20M<br>IMO | Ant1 | 5240 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20M<br>IMO | Ant1 | 5240 | NV | -20 | 20000.00  | 3.816794  | 20 | PASS |
| 11AX20M<br>IMO | Ant1 | 5240 | NV | -10 | 20000.00  | 3.816794  | 20 | PASS |
| 11AX20M<br>IMO | Ant1 | 5240 | NV | 0   | 20000.00  | 3.816794  | 20 | PASS |
| 11AX20M<br>IMO | Ant1 | 5240 | NV | 10  | 20000.00  | 3.816794  | 20 | PASS |
| 11AX20M<br>IMO | Ant1 | 5240 | NV | 20  | 20000.00  | 3.816794  | 20 | PASS |
| 11AX20M<br>IMO | Ant1 | 5240 | NV | 30  | 20000.00  | 3.816794  | 20 | PASS |
| 11AX20M<br>IMO | Ant1 | 5240 | NV | 40  | 20000.00  | 3.816794  | 20 | PASS |

|                |      |      |    |     |           |           |    |      |
|----------------|------|------|----|-----|-----------|-----------|----|------|
| 11AX20M<br>IMO | Ant1 | 5240 | NV | 50  | -20000.00 | -3.816794 | 20 | PASS |
| 11AX20M<br>IMO | Ant2 | 5240 | NV | -30 | 20000.00  | 3.816794  | 20 | PASS |
| 11AX20M<br>IMO | Ant2 | 5240 | NV | -20 | 20000.00  | 3.816794  | 20 | PASS |
| 11AX20M<br>IMO | Ant2 | 5240 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20M<br>IMO | Ant2 | 5240 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AX20M<br>IMO | Ant2 | 5240 | NV | 10  | 20000.00  | 3.816794  | 20 | PASS |
| 11AX20M<br>IMO | Ant2 | 5240 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20M<br>IMO | Ant2 | 5240 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20M<br>IMO | Ant2 | 5240 | NV | 40  | 20000.00  | 3.816794  | 20 | PASS |
| 11AX20M<br>IMO | Ant2 | 5240 | NV | 50  | 20000.00  | 3.816794  | 20 | PASS |
| 11AX20M<br>IMO | Ant3 | 5240 | NV | -30 | 60000.00  | 11.450382 | 20 | PASS |
| 11AX20M<br>IMO | Ant3 | 5240 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20M<br>IMO | Ant3 | 5240 | NV | -10 | -40000.00 | -7.633588 | 20 | PASS |
| 11AX20M<br>IMO | Ant3 | 5240 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AX20M<br>IMO | Ant3 | 5240 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20M<br>IMO | Ant3 | 5240 | NV | 20  | -20000.00 | -3.816794 | 20 | PASS |
| 11AX20M<br>IMO | Ant3 | 5240 | NV | 30  | 20000.00  | 3.816794  | 20 | PASS |
| 11AX20M<br>IMO | Ant3 | 5240 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20M<br>IMO | Ant3 | 5240 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AX40M<br>IMO | Ant1 | 5190 | NV | -30 | 40000.00  | 7.707129  | 20 | PASS |
| 11AX40M<br>IMO | Ant1 | 5190 | NV | -20 | -40000.00 | -7.707129 | 20 | PASS |

|                |      |      |    |     |           |            |    |      |
|----------------|------|------|----|-----|-----------|------------|----|------|
| 11AX40M<br>IMO | Ant1 | 5190 | NV | -10 | -40000.00 | -7.707129  | 20 | PASS |
| 11AX40M<br>IMO | Ant1 | 5190 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX40M<br>IMO | Ant1 | 5190 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40M<br>IMO | Ant1 | 5190 | NV | 20  | 40000.00  | 7.707129   | 20 | PASS |
| 11AX40M<br>IMO | Ant1 | 5190 | NV | 30  | 40000.00  | 7.707129   | 20 | PASS |
| 11AX40M<br>IMO | Ant1 | 5190 | NV | 40  | -80000.00 | -15.414258 | 20 | PASS |
| 11AX40M<br>IMO | Ant1 | 5190 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40M<br>IMO | Ant2 | 5190 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40M<br>IMO | Ant2 | 5190 | NV | -20 | 80000.00  | 15.414258  | 20 | PASS |
| 11AX40M<br>IMO | Ant2 | 5190 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40M<br>IMO | Ant2 | 5190 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX40M<br>IMO | Ant2 | 5190 | NV | 10  | 40000.00  | 7.707129   | 20 | PASS |
| 11AX40M<br>IMO | Ant2 | 5190 | NV | 20  | 40000.00  | 7.707129   | 20 | PASS |
| 11AX40M<br>IMO | Ant2 | 5190 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40M<br>IMO | Ant2 | 5190 | NV | 40  | 40000.00  | 7.707129   | 20 | PASS |
| 11AX40M<br>IMO | Ant2 | 5190 | NV | 50  | 80000.00  | 15.414258  | 20 | PASS |
| 11AX40M<br>IMO | Ant3 | 5190 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40M<br>IMO | Ant3 | 5190 | NV | -20 | -80000.00 | -15.414258 | 20 | PASS |
| 11AX40M<br>IMO | Ant3 | 5190 | NV | -10 | 40000.00  | 7.707129   | 20 | PASS |
| 11AX40M<br>IMO | Ant3 | 5190 | NV | 0   | 80000.00  | 15.414258  | 20 | PASS |
| 11AX40M<br>IMO | Ant3 | 5190 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |

|                |      |      |    |     |           |            |    |      |
|----------------|------|------|----|-----|-----------|------------|----|------|
| 11AX40M<br>IMO | Ant3 | 5190 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40M<br>IMO | Ant3 | 5190 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40M<br>IMO | Ant3 | 5190 | NV | 40  | -40000.00 | -7.707129  | 20 | PASS |
| 11AX40M<br>IMO | Ant3 | 5190 | NV | 50  | -40000.00 | -7.707129  | 20 | PASS |
| 11AX40M<br>IMO | Ant1 | 5230 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40M<br>IMO | Ant1 | 5230 | NV | -20 | 40000.00  | 7.648184   | 20 | PASS |
| 11AX40M<br>IMO | Ant1 | 5230 | NV | -10 | 80000.00  | 15.296367  | 20 | PASS |
| 11AX40M<br>IMO | Ant1 | 5230 | NV | 0   | 40000.00  | 7.648184   | 20 | PASS |
| 11AX40M<br>IMO | Ant1 | 5230 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40M<br>IMO | Ant1 | 5230 | NV | 20  | -80000.00 | -15.296367 | 20 | PASS |
| 11AX40M<br>IMO | Ant1 | 5230 | NV | 30  | -40000.00 | -7.648184  | 20 | PASS |
| 11AX40M<br>IMO | Ant1 | 5230 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40M<br>IMO | Ant1 | 5230 | NV | 50  | -40000.00 | -7.648184  | 20 | PASS |
| 11AX40M<br>IMO | Ant2 | 5230 | NV | -30 | 40000.00  | 7.648184   | 20 | PASS |
| 11AX40M<br>IMO | Ant2 | 5230 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40M<br>IMO | Ant2 | 5230 | NV | -10 | -40000.00 | -7.648184  | 20 | PASS |
| 11AX40M<br>IMO | Ant2 | 5230 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX40M<br>IMO | Ant2 | 5230 | NV | 10  | 40000.00  | 7.648184   | 20 | PASS |
| 11AX40M<br>IMO | Ant2 | 5230 | NV | 20  | -40000.00 | -7.648184  | 20 | PASS |
| 11AX40M<br>IMO | Ant2 | 5230 | NV | 30  | 40000.00  | 7.648184   | 20 | PASS |
| 11AX40M<br>IMO | Ant2 | 5230 | NV | 40  | -40000.00 | -7.648184  | 20 | PASS |

|                |      |      |    |     |           |            |    |      |
|----------------|------|------|----|-----|-----------|------------|----|------|
| 11AX40M<br>IMO | Ant2 | 5230 | NV | 50  | 80000.00  | 15.296367  | 20 | PASS |
| 11AX40M<br>IMO | Ant3 | 5230 | NV | -30 | -40000.00 | -7.648184  | 20 | PASS |
| 11AX40M<br>IMO | Ant3 | 5230 | NV | -20 | 40000.00  | 7.648184   | 20 | PASS |
| 11AX40M<br>IMO | Ant3 | 5230 | NV | -10 | -40000.00 | -7.648184  | 20 | PASS |
| 11AX40M<br>IMO | Ant3 | 5230 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX40M<br>IMO | Ant3 | 5230 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40M<br>IMO | Ant3 | 5230 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40M<br>IMO | Ant3 | 5230 | NV | 30  | -40000.00 | -7.648184  | 20 | PASS |
| 11AX40M<br>IMO | Ant3 | 5230 | NV | 40  | -40000.00 | -7.648184  | 20 | PASS |
| 11AX40M<br>IMO | Ant3 | 5230 | NV | 50  | 40000.00  | 7.648184   | 20 | PASS |
| 11AX80M<br>IMO | Ant1 | 5210 | NV | -30 | 80000.00  | 15.355086  | 20 | PASS |
| 11AX80M<br>IMO | Ant1 | 5210 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AX80M<br>IMO | Ant1 | 5210 | NV | -10 | -80000.00 | -15.355086 | 20 | PASS |
| 11AX80M<br>IMO | Ant1 | 5210 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX80M<br>IMO | Ant1 | 5210 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80M<br>IMO | Ant1 | 5210 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80M<br>IMO | Ant1 | 5210 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80M<br>IMO | Ant1 | 5210 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80M<br>IMO | Ant1 | 5210 | NV | 50  | -80000.00 | -15.355086 | 20 | PASS |
| 11AX80M<br>IMO | Ant2 | 5210 | NV | -30 | -80000.00 | -15.355086 | 20 | PASS |
| 11AX80M<br>IMO | Ant2 | 5210 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |

|                 |      |      |    |     |           |            |    |      |
|-----------------|------|------|----|-----|-----------|------------|----|------|
| 11AX80M<br>IMO  | Ant2 | 5210 | NV | -10 | -80000.00 | -15.355086 | 20 | PASS |
| 11AX80M<br>IMO  | Ant2 | 5210 | NV | 0   | -80000.00 | -15.355086 | 20 | PASS |
| 11AX80M<br>IMO  | Ant2 | 5210 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80M<br>IMO  | Ant2 | 5210 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80M<br>IMO  | Ant2 | 5210 | NV | 30  | -80000.00 | -15.355086 | 20 | PASS |
| 11AX80M<br>IMO  | Ant2 | 5210 | NV | 40  | -80000.00 | -15.355086 | 20 | PASS |
| 11AX80M<br>IMO  | Ant2 | 5210 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80M<br>IMO  | Ant3 | 5210 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AX80M<br>IMO  | Ant3 | 5210 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AX80M<br>IMO  | Ant3 | 5210 | NV | -10 | -80000.00 | -15.355086 | 20 | PASS |
| 11AX80M<br>IMO  | Ant3 | 5210 | NV | 0   | -80000.00 | -15.355086 | 20 | PASS |
| 11AX80M<br>IMO  | Ant3 | 5210 | NV | 10  | 80000.00  | 15.355086  | 20 | PASS |
| 11AX80M<br>IMO  | Ant3 | 5210 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80M<br>IMO  | Ant3 | 5210 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80M<br>IMO  | Ant3 | 5210 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80M<br>IMO  | Ant3 | 5210 | NV | 50  | -80000.00 | -15.355086 | 20 | PASS |
| 11AX160<br>MIMO | Ant1 | 5250 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AX160<br>MIMO | Ant1 | 5250 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AX160<br>MIMO | Ant1 | 5250 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AX160<br>MIMO | Ant1 | 5250 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX160<br>MIMO | Ant1 | 5250 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |

|                 |      |      |    |     |            |                 |    |      |
|-----------------|------|------|----|-----|------------|-----------------|----|------|
| 11AX160<br>MIMO | Ant1 | 5250 | NV | 20  | 0.00       | 0.000000        | 20 | PASS |
| 11AX160<br>MIMO | Ant1 | 5250 | NV | 30  | 0.00       | 0.000000        | 20 | PASS |
| 11AX160<br>MIMO | Ant1 | 5250 | NV | 40  | 0.00       | 0.000000        | 20 | PASS |
| 11AX160<br>MIMO | Ant1 | 5250 | NV | 50  | -160000.00 | -30.476190      | 20 | PASS |
| 11AX160<br>MIMO | Ant2 | 5250 | NV | -30 | 0.00       | 0.000000        | 20 | PASS |
| 11AX160<br>MIMO | Ant2 | 5250 | NV | -20 | 0.00       | 0.000000        | 20 | PASS |
| 11AX160<br>MIMO | Ant2 | 5250 | NV | -10 | 0.00       | 0.000000        | 20 | PASS |
| 11AX160<br>MIMO | Ant2 | 5250 | NV | 0   | 160000.00  | 30.476190       | 20 | PASS |
| 11AX160<br>MIMO | Ant2 | 5250 | NV | 10  | 0.00       | 0.000000        | 20 | PASS |
| 11AX160<br>MIMO | Ant2 | 5250 | NV | 20  | 0.00       | 0.000000        | 20 | PASS |
| 11AX160<br>MIMO | Ant2 | 5250 | NV | 30  | -480000.00 | -91.428571      | 20 | PASS |
| 11AX160<br>MIMO | Ant2 | 5250 | NV | 40  | -640000.00 | -121.90476<br>2 | 20 | PASS |
| 11AX160<br>MIMO | Ant2 | 5250 | NV | 50  | 0.00       | 0.000000        | 20 | PASS |
| 11AX160<br>MIMO | Ant3 | 5250 | NV | -30 | -160000.00 | -30.476190      | 20 | PASS |
| 11AX160<br>MIMO | Ant3 | 5250 | NV | -20 | 0.00       | 0.000000        | 20 | PASS |
| 11AX160<br>MIMO | Ant3 | 5250 | NV | -10 | 160000.00  | 30.476190       | 20 | PASS |
| 11AX160<br>MIMO | Ant3 | 5250 | NV | 0   | 0.00       | 0.000000        | 20 | PASS |
| 11AX160<br>MIMO | Ant3 | 5250 | NV | 10  | -320000.00 | -60.952381      | 20 | PASS |
| 11AX160<br>MIMO | Ant3 | 5250 | NV | 20  | -160000.00 | -30.476190      | 20 | PASS |
| 11AX160<br>MIMO | Ant3 | 5250 | NV | 30  | 0.00       | 0.000000        | 20 | PASS |
| 11AX160<br>MIMO | Ant3 | 5250 | NV | 40  | 160000.00  | 30.476190       | 20 | PASS |

|                 |      |      |    |     |            |            |    |      |
|-----------------|------|------|----|-----|------------|------------|----|------|
| 11AX160<br>MIMO | Ant3 | 5250 | NV | 50  | -160000.00 | -30.476190 | 20 | PASS |
| 11BE20M<br>IMO  | Ant3 | 5180 | NV | 50  | 0.00       | 0.000000   | 20 | PASS |
| 11BE20M<br>IMO  | Ant1 | 5220 | NV | -30 | 20000.00   | 3.831418   | 20 | PASS |
| 11BE20M<br>IMO  | Ant1 | 5220 | NV | -20 | 20000.00   | 3.831418   | 20 | PASS |
| 11BE20M<br>IMO  | Ant1 | 5220 | NV | -10 | -40000.00  | -7.662835  | 20 | PASS |
| 11BE20M<br>IMO  | Ant1 | 5220 | NV | 0   | 0.00       | 0.000000   | 20 | PASS |
| 11BE20M<br>IMO  | Ant1 | 5220 | NV | 10  | 20000.00   | 3.831418   | 20 | PASS |
| 11BE20M<br>IMO  | Ant1 | 5220 | NV | 20  | 20000.00   | 3.831418   | 20 | PASS |
| 11BE20M<br>IMO  | Ant1 | 5220 | NV | 30  | 0.00       | 0.000000   | 20 | PASS |
| 11BE20M<br>IMO  | Ant1 | 5220 | NV | 40  | 0.00       | 0.000000   | 20 | PASS |
| 11BE20M<br>IMO  | Ant1 | 5220 | NV | 50  | 0.00       | 0.000000   | 20 | PASS |
| 11BE20M<br>IMO  | Ant2 | 5220 | NV | -30 | 20000.00   | 3.831418   | 20 | PASS |
| 11BE20M<br>IMO  | Ant2 | 5220 | NV | -20 | 0.00       | 0.000000   | 20 | PASS |
| 11BE20M<br>IMO  | Ant2 | 5220 | NV | -10 | 20000.00   | 3.831418   | 20 | PASS |
| 11BE20M<br>IMO  | Ant2 | 5220 | NV | 0   | 0.00       | 0.000000   | 20 | PASS |
| 11BE20M<br>IMO  | Ant2 | 5220 | NV | 10  | 20000.00   | 3.831418   | 20 | PASS |
| 11BE20M<br>IMO  | Ant2 | 5220 | NV | 20  | 20000.00   | 3.831418   | 20 | PASS |
| 11BE20M<br>IMO  | Ant2 | 5220 | NV | 30  | 20000.00   | 3.831418   | 20 | PASS |
| 11BE20M<br>IMO  | Ant2 | 5220 | NV | 40  | 20000.00   | 3.831418   | 20 | PASS |
| 11BE20M<br>IMO  | Ant2 | 5220 | NV | 50  | 0.00       | 0.000000   | 20 | PASS |
| 11BE20M<br>IMO  | Ant3 | 5220 | NV | -30 | 20000.00   | 3.831418   | 20 | PASS |

|                |      |      |    |     |           |           |    |      |
|----------------|------|------|----|-----|-----------|-----------|----|------|
| 11BE20M<br>IMO | Ant3 | 5220 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11BE20M<br>IMO | Ant3 | 5220 | NV | -10 | -20000.00 | -3.831418 | 20 | PASS |
| 11BE20M<br>IMO | Ant3 | 5220 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11BE20M<br>IMO | Ant3 | 5220 | NV | 10  | -20000.00 | -3.831418 | 20 | PASS |
| 11BE20M<br>IMO | Ant3 | 5220 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11BE20M<br>IMO | Ant3 | 5220 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11BE20M<br>IMO | Ant3 | 5220 | NV | 40  | -40000.00 | -7.662835 | 20 | PASS |
| 11BE20M<br>IMO | Ant3 | 5220 | NV | 50  | 20000.00  | 3.831418  | 20 | PASS |
| 11BE20M<br>IMO | Ant1 | 5240 | NV | -30 | 20000.00  | 3.816794  | 20 | PASS |
| 11BE20M<br>IMO | Ant1 | 5240 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11BE20M<br>IMO | Ant1 | 5240 | NV | -10 | 20000.00  | 3.816794  | 20 | PASS |
| 11BE20M<br>IMO | Ant1 | 5240 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11BE20M<br>IMO | Ant1 | 5240 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11BE20M<br>IMO | Ant1 | 5240 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11BE20M<br>IMO | Ant1 | 5240 | NV | 30  | 20000.00  | 3.816794  | 20 | PASS |
| 11BE20M<br>IMO | Ant1 | 5240 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11BE20M<br>IMO | Ant1 | 5240 | NV | 50  | 20000.00  | 3.816794  | 20 | PASS |
| 11BE20M<br>IMO | Ant2 | 5240 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11BE20M<br>IMO | Ant2 | 5240 | NV | -20 | 20000.00  | 3.816794  | 20 | PASS |
| 11BE20M<br>IMO | Ant2 | 5240 | NV | -10 | -20000.00 | -3.816794 | 20 | PASS |
| 11BE20M<br>IMO | Ant2 | 5240 | NV | 0   | 40000.00  | 7.633588  | 20 | PASS |

|                |      |      |    |     |          |           |    |      |
|----------------|------|------|----|-----|----------|-----------|----|------|
| 11BE20M<br>IMO | Ant2 | 5240 | NV | 10  | 0.00     | 0.000000  | 20 | PASS |
| 11BE20M<br>IMO | Ant2 | 5240 | NV | 20  | 20000.00 | 3.816794  | 20 | PASS |
| 11BE20M<br>IMO | Ant2 | 5240 | NV | 30  | 0.00     | 0.000000  | 20 | PASS |
| 11BE20M<br>IMO | Ant2 | 5240 | NV | 40  | 20000.00 | 3.816794  | 20 | PASS |
| 11BE20M<br>IMO | Ant2 | 5240 | NV | 50  | 60000.00 | 11.450382 | 20 | PASS |
| 11BE20M<br>IMO | Ant3 | 5240 | NV | -30 | 0.00     | 0.000000  | 20 | PASS |
| 11BE20M<br>IMO | Ant3 | 5240 | NV | -20 | 0.00     | 0.000000  | 20 | PASS |
| 11BE20M<br>IMO | Ant3 | 5240 | NV | -10 | 0.00     | 0.000000  | 20 | PASS |
| 11BE20M<br>IMO | Ant3 | 5240 | NV | 0   | 20000.00 | 3.816794  | 20 | PASS |
| 11BE20M<br>IMO | Ant3 | 5240 | NV | 10  | 20000.00 | 3.816794  | 20 | PASS |
| 11BE20M<br>IMO | Ant3 | 5240 | NV | 20  | 0.00     | 0.000000  | 20 | PASS |
| 11BE20M<br>IMO | Ant3 | 5240 | NV | 30  | 0.00     | 0.000000  | 20 | PASS |
| 11BE20M<br>IMO | Ant3 | 5240 | NV | 40  | 0.00     | 0.000000  | 20 | PASS |
| 11BE20M<br>IMO | Ant3 | 5240 | NV | 50  | 0.00     | 0.000000  | 20 | PASS |
| 11BE40M<br>IMO | Ant1 | 5190 | NV | -30 | 0.00     | 0.000000  | 20 | PASS |
| 11BE40M<br>IMO | Ant1 | 5190 | NV | -20 | 0.00     | 0.000000  | 20 | PASS |
| 11BE40M<br>IMO | Ant1 | 5190 | NV | -10 | 0.00     | 0.000000  | 20 | PASS |
| 11BE40M<br>IMO | Ant1 | 5190 | NV | 0   | 0.00     | 0.000000  | 20 | PASS |
| 11BE40M<br>IMO | Ant1 | 5190 | NV | 10  | 0.00     | 0.000000  | 20 | PASS |
| 11BE40M<br>IMO | Ant1 | 5190 | NV | 20  | 80000.00 | 15.414258 | 20 | PASS |
| 11BE40M<br>IMO | Ant1 | 5190 | NV | 30  | 40000.00 | 7.707129  | 20 | PASS |

|                |      |      |    |     |           |            |    |      |
|----------------|------|------|----|-----|-----------|------------|----|------|
| 11BE40M<br>IMO | Ant1 | 5190 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11BE40M<br>IMO | Ant1 | 5190 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11BE40M<br>IMO | Ant2 | 5190 | NV | -30 | 40000.00  | 7.707129   | 20 | PASS |
| 11BE40M<br>IMO | Ant2 | 5190 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11BE40M<br>IMO | Ant2 | 5190 | NV | -10 | 80000.00  | 15.414258  | 20 | PASS |
| 11BE40M<br>IMO | Ant2 | 5190 | NV | 0   | 40000.00  | 7.707129   | 20 | PASS |
| 11BE40M<br>IMO | Ant2 | 5190 | NV | 10  | 80000.00  | 15.414258  | 20 | PASS |
| 11BE40M<br>IMO | Ant2 | 5190 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11BE40M<br>IMO | Ant2 | 5190 | NV | 30  | 40000.00  | 7.707129   | 20 | PASS |
| 11BE40M<br>IMO | Ant2 | 5190 | NV | 40  | -40000.00 | -7.707129  | 20 | PASS |
| 11BE40M<br>IMO | Ant2 | 5190 | NV | 50  | 40000.00  | 7.707129   | 20 | PASS |
| 11BE40M<br>IMO | Ant3 | 5190 | NV | -30 | -40000.00 | -7.707129  | 20 | PASS |
| 11BE40M<br>IMO | Ant3 | 5190 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11BE40M<br>IMO | Ant3 | 5190 | NV | -10 | 80000.00  | 15.414258  | 20 | PASS |
| 11BE40M<br>IMO | Ant3 | 5190 | NV | 0   | -80000.00 | -15.414258 | 20 | PASS |
| 11BE40M<br>IMO | Ant3 | 5190 | NV | 10  | -80000.00 | -15.414258 | 20 | PASS |
| 11BE40M<br>IMO | Ant3 | 5190 | NV | 20  | 80000.00  | 15.414258  | 20 | PASS |
| 11BE40M<br>IMO | Ant3 | 5190 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11BE40M<br>IMO | Ant3 | 5190 | NV | 40  | -40000.00 | -7.707129  | 20 | PASS |
| 11BE40M<br>IMO | Ant3 | 5190 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11BE40M<br>IMO | Ant1 | 5230 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |

|                |      |      |    |     |           |            |    |      |
|----------------|------|------|----|-----|-----------|------------|----|------|
| 11BE40M<br>IMO | Ant1 | 5230 | NV | -20 | -80000.00 | -15.296367 | 20 | PASS |
| 11BE40M<br>IMO | Ant1 | 5230 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11BE40M<br>IMO | Ant1 | 5230 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11BE40M<br>IMO | Ant1 | 5230 | NV | 10  | 40000.00  | 7.648184   | 20 | PASS |
| 11BE40M<br>IMO | Ant1 | 5230 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11BE40M<br>IMO | Ant1 | 5230 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11BE40M<br>IMO | Ant1 | 5230 | NV | 40  | -80000.00 | -15.296367 | 20 | PASS |
| 11BE40M<br>IMO | Ant1 | 5230 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11BE40M<br>IMO | Ant2 | 5230 | NV | -30 | 40000.00  | 7.648184   | 20 | PASS |
| 11BE40M<br>IMO | Ant2 | 5230 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11BE40M<br>IMO | Ant2 | 5230 | NV | -10 | 80000.00  | 15.296367  | 20 | PASS |
| 11BE40M<br>IMO | Ant2 | 5230 | NV | 0   | 40000.00  | 7.648184   | 20 | PASS |
| 11BE40M<br>IMO | Ant2 | 5230 | NV | 10  | 80000.00  | 15.296367  | 20 | PASS |
| 11BE40M<br>IMO | Ant2 | 5230 | NV | 20  | -40000.00 | -7.648184  | 20 | PASS |
| 11BE40M<br>IMO | Ant2 | 5230 | NV | 30  | 40000.00  | 7.648184   | 20 | PASS |
| 11BE40M<br>IMO | Ant2 | 5230 | NV | 40  | 40000.00  | 7.648184   | 20 | PASS |
| 11BE40M<br>IMO | Ant2 | 5230 | NV | 50  | -80000.00 | -15.296367 | 20 | PASS |
| 11BE40M<br>IMO | Ant3 | 5230 | NV | -30 | 40000.00  | 7.648184   | 20 | PASS |
| 11BE40M<br>IMO | Ant3 | 5230 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11BE40M<br>IMO | Ant3 | 5230 | NV | -10 | 40000.00  | 7.648184   | 20 | PASS |
| 11BE40M<br>IMO | Ant3 | 5230 | NV | 0   | -40000.00 | -7.648184  | 20 | PASS |

|                |      |      |    |     |           |            |    |      |
|----------------|------|------|----|-----|-----------|------------|----|------|
| 11BE40M<br>IMO | Ant3 | 5230 | NV | 10  | -40000.00 | -7.648184  | 20 | PASS |
| 11BE40M<br>IMO | Ant3 | 5230 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11BE40M<br>IMO | Ant3 | 5230 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11BE40M<br>IMO | Ant3 | 5230 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11BE40M<br>IMO | Ant3 | 5230 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11BE80M<br>IMO | Ant1 | 5210 | NV | -30 | 80000.00  | 15.355086  | 20 | PASS |
| 11BE80M<br>IMO | Ant1 | 5210 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11BE80M<br>IMO | Ant1 | 5210 | NV | -10 | -80000.00 | -15.355086 | 20 | PASS |
| 11BE80M<br>IMO | Ant1 | 5210 | NV | 0   | 80000.00  | 15.355086  | 20 | PASS |
| 11BE80M<br>IMO | Ant1 | 5210 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11BE80M<br>IMO | Ant1 | 5210 | NV | 20  | -80000.00 | -15.355086 | 20 | PASS |
| 11BE80M<br>IMO | Ant1 | 5210 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11BE80M<br>IMO | Ant1 | 5210 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11BE80M<br>IMO | Ant1 | 5210 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11BE80M<br>IMO | Ant2 | 5210 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11BE80M<br>IMO | Ant2 | 5210 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11BE80M<br>IMO | Ant2 | 5210 | NV | -10 | 80000.00  | 15.355086  | 20 | PASS |
| 11BE80M<br>IMO | Ant2 | 5210 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11BE80M<br>IMO | Ant2 | 5210 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11BE80M<br>IMO | Ant2 | 5210 | NV | 20  | -80000.00 | -15.355086 | 20 | PASS |
| 11BE80M<br>IMO | Ant2 | 5210 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |

|                 |      |      |    |     |           |            |    |      |
|-----------------|------|------|----|-----|-----------|------------|----|------|
| 11BE80M<br>IMO  | Ant2 | 5210 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11BE80M<br>IMO  | Ant2 | 5210 | NV | 50  | 80000.00  | 15.355086  | 20 | PASS |
| 11BE80M<br>IMO  | Ant3 | 5210 | NV | -30 | 80000.00  | 15.355086  | 20 | PASS |
| 11BE80M<br>IMO  | Ant3 | 5210 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11BE80M<br>IMO  | Ant3 | 5210 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11BE80M<br>IMO  | Ant3 | 5210 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11BE80M<br>IMO  | Ant3 | 5210 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11BE80M<br>IMO  | Ant3 | 5210 | NV | 20  | 80000.00  | 15.355086  | 20 | PASS |
| 11BE80M<br>IMO  | Ant3 | 5210 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11BE80M<br>IMO  | Ant3 | 5210 | NV | 40  | -80000.00 | -15.355086 | 20 | PASS |
| 11BE80M<br>IMO  | Ant3 | 5210 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11BE160<br>MIMO | Ant1 | 5250 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11BE160<br>MIMO | Ant1 | 5250 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11BE160<br>MIMO | Ant1 | 5250 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11BE160<br>MIMO | Ant1 | 5250 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11BE160<br>MIMO | Ant1 | 5250 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11BE160<br>MIMO | Ant1 | 5250 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11BE160<br>MIMO | Ant1 | 5250 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11BE160<br>MIMO | Ant1 | 5250 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11BE160<br>MIMO | Ant1 | 5250 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11BE160<br>MIMO | Ant2 | 5250 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |

|                 |      |      |    |     |      |          |    |      |
|-----------------|------|------|----|-----|------|----------|----|------|
| 11BE160<br>MIMO | Ant2 | 5250 | NV | -20 | 0.00 | 0.000000 | 20 | PASS |
| 11BE160<br>MIMO | Ant2 | 5250 | NV | -10 | 0.00 | 0.000000 | 20 | PASS |
| 11BE160<br>MIMO | Ant2 | 5250 | NV | 0   | 0.00 | 0.000000 | 20 | PASS |
| 11BE160<br>MIMO | Ant2 | 5250 | NV | 10  | 0.00 | 0.000000 | 20 | PASS |
| 11BE160<br>MIMO | Ant2 | 5250 | NV | 20  | 0.00 | 0.000000 | 20 | PASS |
| 11BE160<br>MIMO | Ant2 | 5250 | NV | 30  | 0.00 | 0.000000 | 20 | PASS |
| 11BE160<br>MIMO | Ant2 | 5250 | NV | 40  | 0.00 | 0.000000 | 20 | PASS |
| 11BE160<br>MIMO | Ant2 | 5250 | NV | 50  | 0.00 | 0.000000 | 20 | PASS |
| 11BE160<br>MIMO | Ant3 | 5250 | NV | -30 | 0.00 | 0.000000 | 20 | PASS |
| 11BE160<br>MIMO | Ant3 | 5250 | NV | -20 | 0.00 | 0.000000 | 20 | PASS |
| 11BE160<br>MIMO | Ant3 | 5250 | NV | -10 | 0.00 | 0.000000 | 20 | PASS |
| 11BE160<br>MIMO | Ant3 | 5250 | NV | 0   | 0.00 | 0.000000 | 20 | PASS |
| 11BE160<br>MIMO | Ant3 | 5250 | NV | 10  | 0.00 | 0.000000 | 20 | PASS |
| 11BE160<br>MIMO | Ant3 | 5250 | NV | 20  | 0.00 | 0.000000 | 20 | PASS |
| 11BE160<br>MIMO | Ant3 | 5250 | NV | 30  | 0.00 | 0.000000 | 20 | PASS |
| 11BE160<br>MIMO | Ant3 | 5250 | NV | 40  | 0.00 | 0.000000 | 20 | PASS |
| 11BE160<br>MIMO | Ant3 | 5250 | NV | 50  | 0.00 | 0.000000 | 20 | PASS |

\*\*\* End of Report \*\*\*