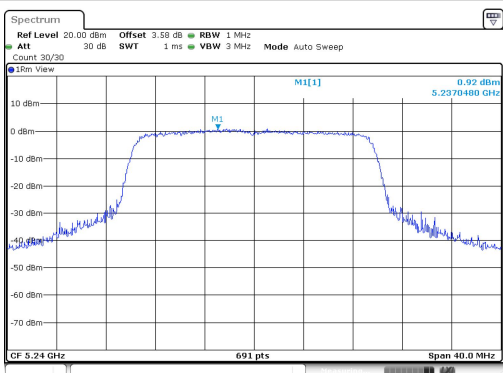
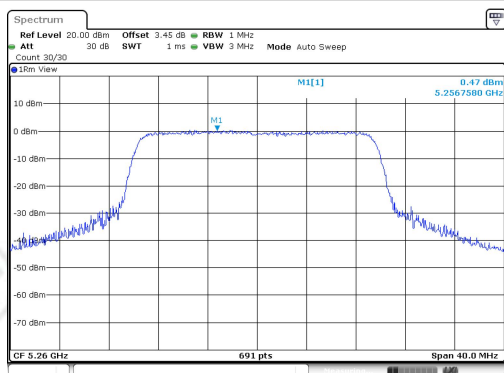


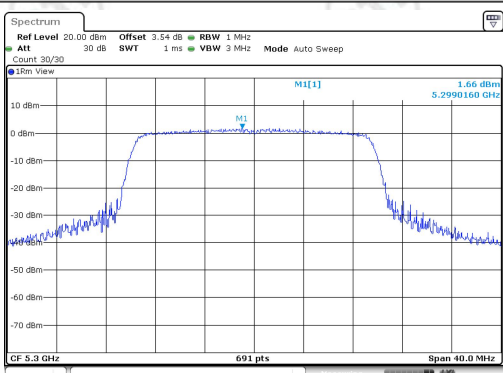
## 11AX20SISO-Ant1-5180-PASS



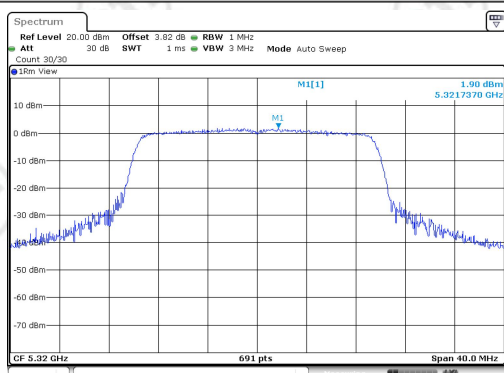
## 11AX20SISO-Ant1-5220-PASS



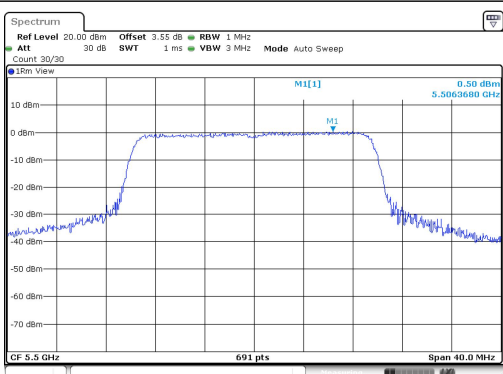
## 11AX20SISO-Ant1-5240-PASS



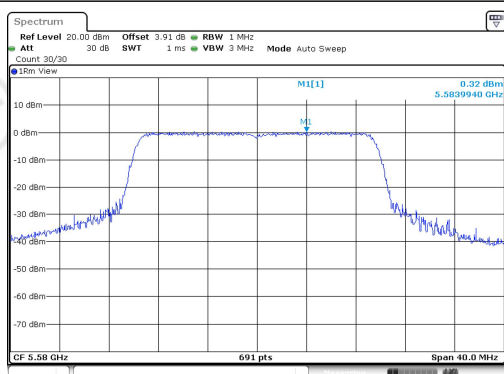
## 11AX20SISO-Ant1-5260-PASS



## 11AX20SISO-Ant1-5300-PASS

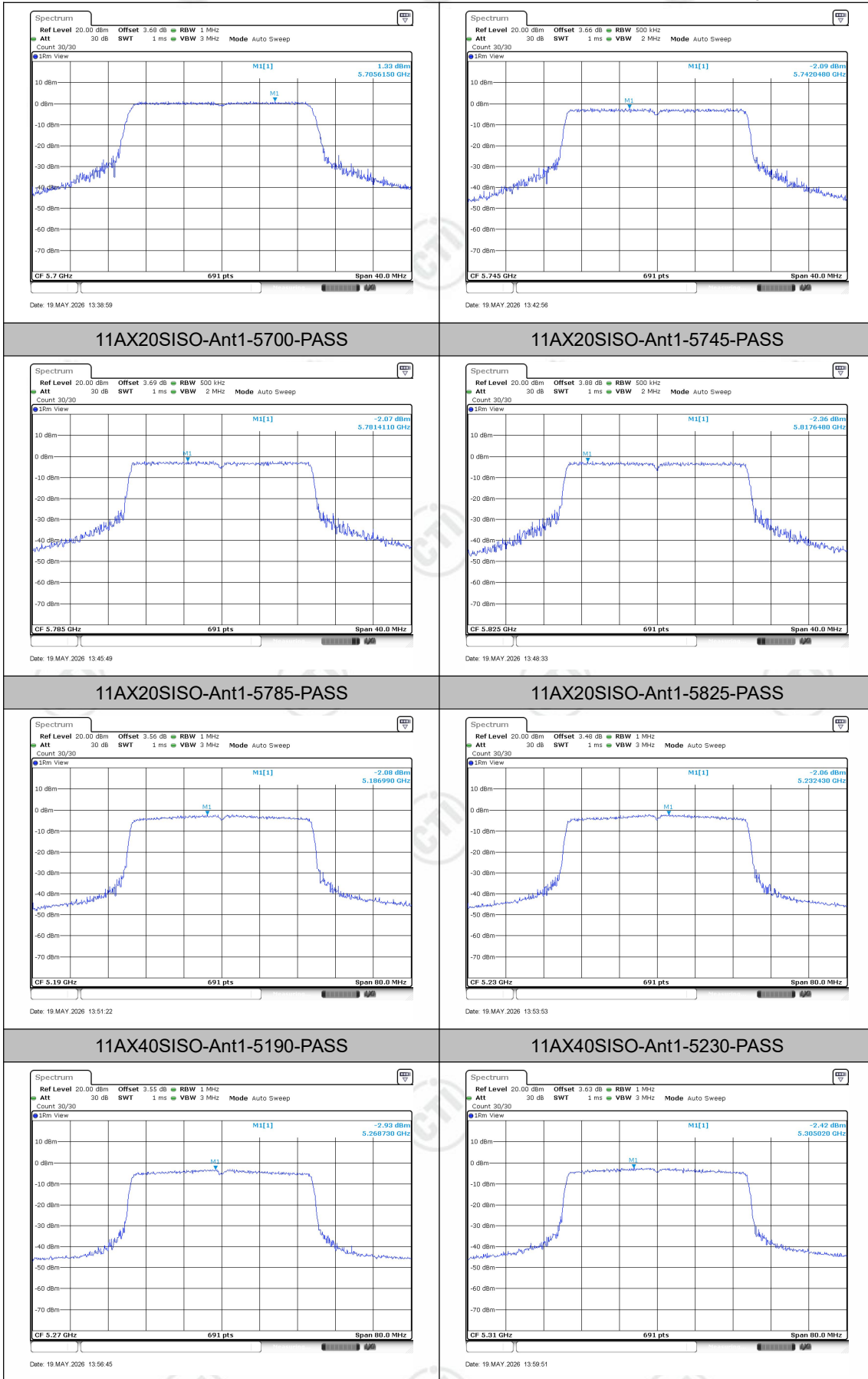


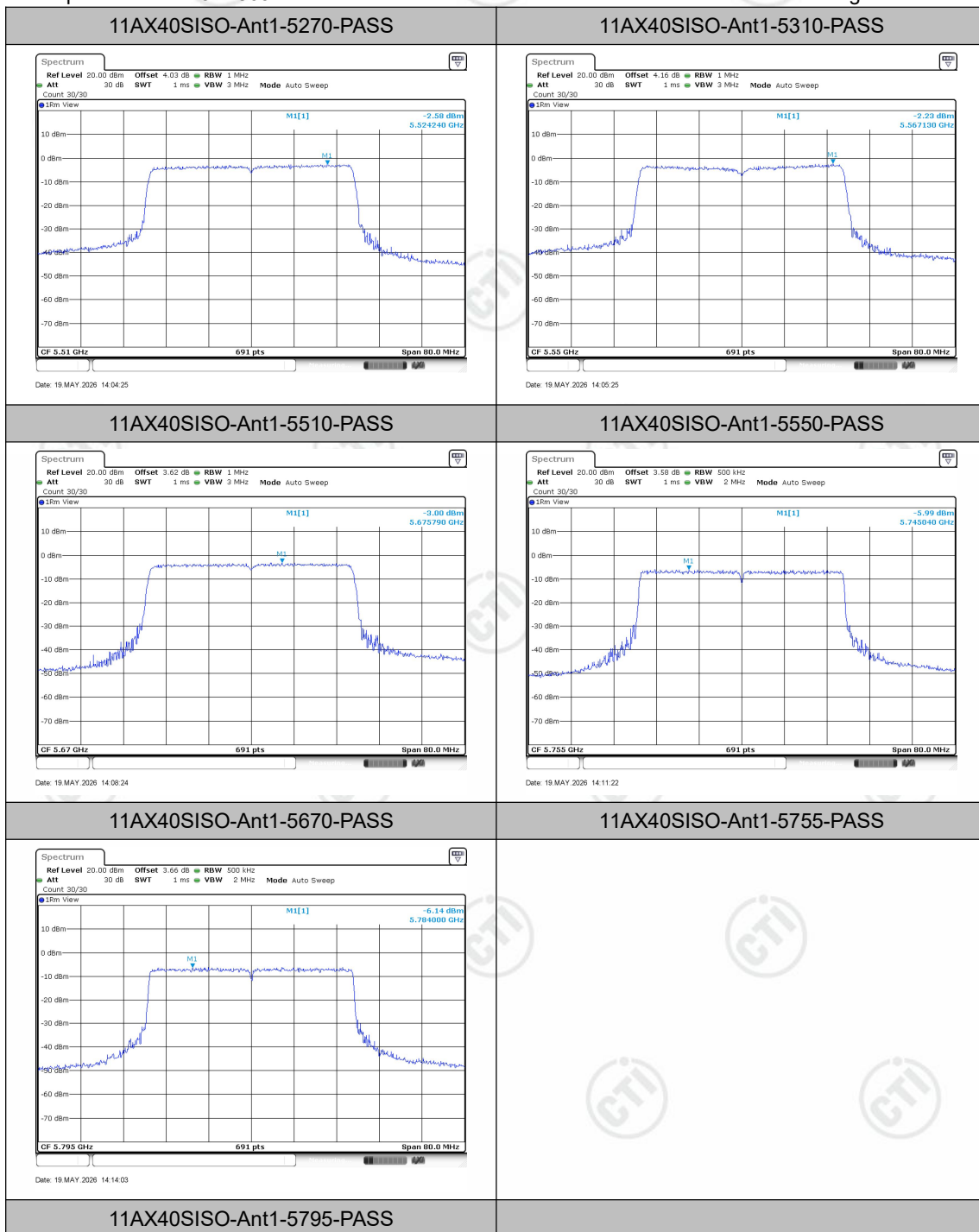
## 11AX20SISO-Ant1-5320-PASS



## 11AX20SISO-Ant1-5500-PASS

## 11AX20SISO-Ant1-5580-PASS





## Appendix G: Frequency Stability

### Test Result

| 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               | NT                      | -100000.00        | -19.305019         | 20             | PASS    |
| 11A      | Ant1    | 5180               | LV               | NT                      | -60000.00         | -11.583012         | 20             | PASS    |
| 11A      | Ant1    | 5180               | HV               | NT                      | -80000.00         | -15.444015         | 20             | PASS    |
| 11A      | Ant1    | 5220               | NV               | NT                      | -80000.00         | -15.325670         | 20             | PASS    |
| 11A      | Ant1    | 5220               | LV               | NT                      | -80000.00         | -15.325670         | 20             | PASS    |
| 11A      | Ant1    | 5220               | HV               | NT                      | -80000.00         | -15.325670         | 20             | PASS    |
| 11A      | Ant1    | 5240               | NV               | NT                      | -100000.00        | -19.083969         | 20             | PASS    |
| 11A      | Ant1    | 5240               | LV               | NT                      | -100000.00        | -19.083969         | 20             | PASS    |
| 11A      | Ant1    | 5240               | HV               | NT                      | -100000.00        | -19.083969         | 20             | PASS    |
| 11A      | Ant1    | 5260               | NV               | NT                      | -80000.00         | -15.209125         | 20             | PASS    |
| 11A      | Ant1    | 5260               | LV               | NT                      | -80000.00         | -15.209125         | 20             | PASS    |
| 11A      | Ant1    | 5260               | HV               | NT                      | -80000.00         | -15.209125         | 20             | PASS    |
| 11A      | Ant1    | 5300               | NV               | NT                      | -100000.00        | -18.867925         | 20             | PASS    |
| 11A      | Ant1    | 5300               | LV               | NT                      | -100000.00        | -18.867925         | 20             | PASS    |
| 11A      | Ant1    | 5300               | HV               | NT                      | -100000.00        | -18.867925         | 20             | PASS    |
| 11A      | Ant1    | 5320               | NV               | NT                      | -80000.00         | -15.037594         | 20             | PASS    |
| 11A      | Ant1    | 5320               | LV               | NT                      | -100000.00        | -18.796992         | 20             | PASS    |
| 11A      | Ant1    | 5320               | HV               | NT                      | -80000.00         | -15.037594         | 20             | PASS    |
| 11A      | Ant1    | 5500               | NV               | NT                      | -100000.00        | -18.181818         | 20             | PASS    |
| 11A      | Ant1    | 5500               | LV               | NT                      | -100000.00        | -18.181818         | 20             | PASS    |
| 11A      | Ant1    | 5500               | HV               | NT                      | -80000.00         | -14.545455         | 20             | PASS    |
| 11A      | Ant1    | 5580               | NV               | NT                      | -100000.00        | -17.921147         | 20             | PASS    |
| 11A      | Ant1    | 5580               | LV               | NT                      | -100000.00        | -17.921147         | 20             | PASS    |
| 11A      | Ant1    | 5580               | HV               | NT                      | -100000.00        | -17.921147         | 20             | PASS    |
| 11A      | Ant1    | 5700               | NV               | NT                      | -80000.00         | -14.035088         | 20             | PASS    |
| 11A      | Ant1    | 5700               | LV               | NT                      | -100000.00        | -17.543860         | 20             | PASS    |
| 11A      | Ant1    | 5700               | HV               | NT                      | -100000.00        | -17.543860         | 20             | PASS    |
| 11A      | Ant1    | 5745               | NV               | NT                      | -80000.00         | -13.925152         | 20             | PASS    |
| 11A      | Ant1    | 5745               | LV               | NT                      | -100000.00        | -17.406440         | 20             | PASS    |
| 11A      | Ant1    | 5745               | HV               | NT                      | -100000.00        | -17.406440         | 20             | PASS    |
| 11A      | Ant1    | 5785               | NV               | NT                      | -80000.00         | -13.828868         | 20             | PASS    |
| 11A      | Ant1    | 5785               | LV               | NT                      | -80000.00         | -13.828868         | 20             | PASS    |
| 11A      | Ant1    | 5785               | HV               | NT                      | -80000.00         | -13.828868         | 20             | PASS    |
| 11A      | Ant1    | 5825               | NV               | NT                      | -80000.00         | -13.733906         | 20             | PASS    |
| 11A      | Ant1    | 5825               | LV               | NT                      | -80000.00         | -13.733906         | 20             | PASS    |
| 11A      | Ant1    | 5825               | HV               | NT                      | -80000.00         | -13.733906         | 20             | PASS    |

|           |      |      |    |    |            |            |    |      |
|-----------|------|------|----|----|------------|------------|----|------|
| 11N20SISO | Ant1 | 5180 | NV | NT | -100000.00 | -19.305019 | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | LV | NT | -100000.00 | -19.305019 | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | HV | NT | -80000.00  | -15.444015 | 20 | PASS |
| 11N20SISO | Ant1 | 5220 | NV | NT | -80000.00  | -15.325670 | 20 | PASS |
| 11N20SISO | Ant1 | 5220 | LV | NT | -100000.00 | -19.157088 | 20 | PASS |
| 11N20SISO | Ant1 | 5220 | HV | NT | -80000.00  | -15.325670 | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | NT | -80000.00  | -15.267176 | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | LV | NT | -80000.00  | -15.267176 | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | HV | NT | -80000.00  | -15.267176 | 20 | PASS |
| 11N20SISO | Ant1 | 5260 | NV | NT | -100000.00 | -19.011407 | 20 | PASS |
| 11N20SISO | Ant1 | 5260 | LV | NT | -100000.00 | -19.011407 | 20 | PASS |
| 11N20SISO | Ant1 | 5260 | HV | NT | -80000.00  | -15.209125 | 20 | PASS |
| 11N20SISO | Ant1 | 5300 | NV | NT | -100000.00 | -18.867925 | 20 | PASS |
| 11N20SISO | Ant1 | 5300 | LV | NT | -60000.00  | -11.320755 | 20 | PASS |
| 11N20SISO | Ant1 | 5300 | HV | NT | -60000.00  | -11.320755 | 20 | PASS |
| 11N20SISO | Ant1 | 5320 | NV | NT | -60000.00  | -11.278195 | 20 | PASS |
| 11N20SISO | Ant1 | 5320 | LV | NT | -60000.00  | -11.278195 | 20 | PASS |
| 11N20SISO | Ant1 | 5320 | HV | NT | -80000.00  | -15.037594 | 20 | PASS |
| 11N20SISO | Ant1 | 5500 | NV | NT | -100000.00 | -18.181818 | 20 | PASS |
| 11N20SISO | Ant1 | 5500 | LV | NT | -100000.00 | -18.181818 | 20 | PASS |
| 11N20SISO | Ant1 | 5500 | HV | NT | -80000.00  | -14.545455 | 20 | PASS |
| 11N20SISO | Ant1 | 5580 | NV | NT | -80000.00  | -14.336918 | 20 | PASS |
| 11N20SISO | Ant1 | 5580 | LV | NT | -80000.00  | -14.336918 | 20 | PASS |
| 11N20SISO | Ant1 | 5580 | HV | NT | -100000.00 | -17.921147 | 20 | PASS |
| 11N20SISO | Ant1 | 5700 | NV | NT | -100000.00 | -17.543860 | 20 | PASS |
| 11N20SISO | Ant1 | 5700 | LV | NT | -100000.00 | -17.543860 | 20 | PASS |
| 11N20SISO | Ant1 | 5700 | HV | NT | -100000.00 | -17.543860 | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | NT | -80000.00  | -13.925152 | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | LV | NT | -80000.00  | -13.925152 | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | HV | NT | -80000.00  | -13.925152 | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | NT | -100000.00 | -17.286085 | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | LV | NT | -100000.00 | -17.286085 | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | HV | NT | -80000.00  | -13.828868 | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | NT | -100000.00 | -17.167382 | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | LV | NT | -80000.00  | -13.733906 | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | HV | NT | -100000.00 | -17.167382 | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | NT | -40000.00  | -7.707129  | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | LV | NT | -80000.00  | -15.414258 | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | HV | NT | -80000.00  | -15.414258 | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | NT | -40000.00  | -7.648184  | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | LV | NT | -40000.00  | -7.648184  | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | HV | NT | -80000.00  | -15.296367 | 20 | PASS |

|            |      |      |    |    |           |            |    |      |
|------------|------|------|----|----|-----------|------------|----|------|
| 11N40SISO  | Ant1 | 5270 | NV | NT | -80000.00 | -15.180266 | 20 | PASS |
| 11N40SISO  | Ant1 | 5270 | LV | NT | -40000.00 | -7.590133  | 20 | PASS |
| 11N40SISO  | Ant1 | 5270 | HV | NT | -80000.00 | -15.180266 | 20 | PASS |
| 11N40SISO  | Ant1 | 5310 | NV | NT | -40000.00 | -7.532957  | 20 | PASS |
| 11N40SISO  | Ant1 | 5310 | LV | NT | -40000.00 | -7.532957  | 20 | PASS |
| 11N40SISO  | Ant1 | 5310 | HV | NT | -40000.00 | -7.532957  | 20 | PASS |
| 11N40SISO  | Ant1 | 5510 | NV | NT | -40000.00 | -7.259528  | 20 | PASS |
| 11N40SISO  | Ant1 | 5510 | LV | NT | -40000.00 | -7.259528  | 20 | PASS |
| 11N40SISO  | Ant1 | 5510 | HV | NT | -40000.00 | -7.259528  | 20 | PASS |
| 11N40SISO  | Ant1 | 5550 | NV | NT | -80000.00 | -14.414414 | 20 | PASS |
| 11N40SISO  | Ant1 | 5550 | LV | NT | -40000.00 | -7.207207  | 20 | PASS |
| 11N40SISO  | Ant1 | 5550 | HV | NT | -40000.00 | -7.207207  | 20 | PASS |
| 11N40SISO  | Ant1 | 5670 | NV | NT | -80000.00 | -14.109347 | 20 | PASS |
| 11N40SISO  | Ant1 | 5670 | LV | NT | -80000.00 | -14.109347 | 20 | PASS |
| 11N40SISO  | Ant1 | 5670 | HV | NT | -80000.00 | -14.109347 | 20 | PASS |
| 11N40SISO  | Ant1 | 5755 | NV | NT | -80000.00 | -13.900956 | 20 | PASS |
| 11N40SISO  | Ant1 | 5755 | LV | NT | -80000.00 | -13.900956 | 20 | PASS |
| 11N40SISO  | Ant1 | 5755 | HV | NT | -80000.00 | -13.900956 | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | NT | -80000.00 | -13.805004 | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | LV | NT | -40000.00 | -6.902502  | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | HV | NT | -40000.00 | -6.902502  | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | NT | -80000.00 | -15.444015 | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | LV | NT | -80000.00 | -15.444015 | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | HV | NT | -60000.00 | -11.583012 | 20 | PASS |
| 11AC20SISO | Ant1 | 5220 | NV | NT | -60000.00 | -11.494253 | 20 | PASS |
| 11AC20SISO | Ant1 | 5220 | LV | NT | -60000.00 | -11.494253 | 20 | PASS |
| 11AC20SISO | Ant1 | 5220 | HV | NT | -60000.00 | -11.494253 | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | NT | -80000.00 | -15.267176 | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | LV | NT | -80000.00 | -15.267176 | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | HV | NT | -60000.00 | -11.450382 | 20 | PASS |
| 11AC20SISO | Ant1 | 5260 | NV | NT | -60000.00 | -11.406844 | 20 | PASS |
| 11AC20SISO | Ant1 | 5260 | LV | NT | -80000.00 | -15.209125 | 20 | PASS |
| 11AC20SISO | Ant1 | 5260 | HV | NT | -80000.00 | -15.209125 | 20 | PASS |
| 11AC20SISO | Ant1 | 5300 | NV | NT | -80000.00 | -15.094340 | 20 | PASS |
| 11AC20SISO | Ant1 | 5300 | LV | NT | -80000.00 | -15.094340 | 20 | PASS |
| 11AC20SISO | Ant1 | 5300 | HV | NT | -60000.00 | -11.320755 | 20 | PASS |
| 11AC20SISO | Ant1 | 5320 | NV | NT | -80000.00 | -15.037594 | 20 | PASS |
| 11AC20SISO | Ant1 | 5320 | LV | NT | -60000.00 | -11.278195 | 20 | PASS |
| 11AC20SISO | Ant1 | 5320 | HV | NT | -80000.00 | -15.037594 | 20 | PASS |
| 11AC20SISO | Ant1 | 5500 | NV | NT | -80000.00 | -14.545455 | 20 | PASS |
| 11AC20SISO | Ant1 | 5500 | LV | NT | -60000.00 | -10.909091 | 20 | PASS |
| 11AC20SISO | Ant1 | 5500 | HV | NT | -60000.00 | -10.909091 | 20 | PASS |

|            |      |      |    |    |            |            |    |      |
|------------|------|------|----|----|------------|------------|----|------|
| 11AC20SISO | Ant1 | 5580 | NV | NT | -100000.00 | -17.921147 | 20 | PASS |
| 11AC20SISO | Ant1 | 5580 | LV | NT | -60000.00  | -10.752688 | 20 | PASS |
| 11AC20SISO | Ant1 | 5580 | HV | NT | -80000.00  | -14.336918 | 20 | PASS |
| 11AC20SISO | Ant1 | 5700 | NV | NT | -60000.00  | -10.526316 | 20 | PASS |
| 11AC20SISO | Ant1 | 5700 | LV | NT | -80000.00  | -14.035088 | 20 | PASS |
| 11AC20SISO | Ant1 | 5700 | HV | NT | -80000.00  | -14.035088 | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | NT | -100000.00 | -17.406440 | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | LV | NT | -100000.00 | -17.406440 | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | HV | NT | -80000.00  | -13.925152 | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | NT | -100000.00 | -17.286085 | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | LV | NT | -100000.00 | -17.286085 | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | HV | NT | -100000.00 | -17.286085 | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | NT | -80000.00  | -13.733906 | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | LV | NT | -80000.00  | -13.733906 | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | HV | NT | -100000.00 | -17.167382 | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | NT | -40000.00  | -7.707129  | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | LV | NT | -80000.00  | -15.414258 | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | HV | NT | -40000.00  | -7.707129  | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | NT | -40000.00  | -7.648184  | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | LV | NT | -40000.00  | -7.648184  | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | HV | NT | -40000.00  | -7.648184  | 20 | PASS |
| 11AC40SISO | Ant1 | 5270 | NV | NT | -80000.00  | -15.180266 | 20 | PASS |
| 11AC40SISO | Ant1 | 5270 | LV | NT | -80000.00  | -15.180266 | 20 | PASS |
| 11AC40SISO | Ant1 | 5270 | HV | NT | -80000.00  | -15.180266 | 20 | PASS |
| 11AC40SISO | Ant1 | 5310 | NV | NT | -40000.00  | -7.532957  | 20 | PASS |
| 11AC40SISO | Ant1 | 5310 | LV | NT | -80000.00  | -15.065913 | 20 | PASS |
| 11AC40SISO | Ant1 | 5310 | HV | NT | -80000.00  | -15.065913 | 20 | PASS |
| 11AC40SISO | Ant1 | 5510 | NV | NT | -40000.00  | -7.259528  | 20 | PASS |
| 11AC40SISO | Ant1 | 5510 | LV | NT | -40000.00  | -7.259528  | 20 | PASS |
| 11AC40SISO | Ant1 | 5510 | HV | NT | -80000.00  | -14.519056 | 20 | PASS |
| 11AC40SISO | Ant1 | 5550 | NV | NT | -80000.00  | -14.414414 | 20 | PASS |
| 11AC40SISO | Ant1 | 5550 | LV | NT | -40000.00  | -7.207207  | 20 | PASS |
| 11AC40SISO | Ant1 | 5550 | HV | NT | -80000.00  | -14.414414 | 20 | PASS |
| 11AC40SISO | Ant1 | 5670 | NV | NT | -80000.00  | -14.109347 | 20 | PASS |
| 11AC40SISO | Ant1 | 5670 | LV | NT | -80000.00  | -14.109347 | 20 | PASS |
| 11AC40SISO | Ant1 | 5670 | HV | NT | -80000.00  | -14.109347 | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | NT | -80000.00  | -13.900956 | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | LV | NT | -80000.00  | -13.900956 | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | HV | NT | -80000.00  | -13.900956 | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | NT | -80000.00  | -13.805004 | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | LV | NT | -40000.00  | -6.902502  | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | HV | NT | -80000.00  | -13.805004 | 20 | PASS |

|            |      |      |    |    |            |            |    |      |
|------------|------|------|----|----|------------|------------|----|------|
| 11AX20SISO | Ant1 | 5180 | NV | NT | -60000.00  | -11.583012 | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | LV | NT | -60000.00  | -11.583012 | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | HV | NT | -60000.00  | -11.583012 | 20 | PASS |
| 11AX20SISO | Ant1 | 5220 | NV | NT | -60000.00  | -11.494253 | 20 | PASS |
| 11AX20SISO | Ant1 | 5220 | LV | NT | -60000.00  | -11.494253 | 20 | PASS |
| 11AX20SISO | Ant1 | 5220 | HV | NT | -60000.00  | -11.494253 | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | NT | -60000.00  | -11.450382 | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | LV | NT | -60000.00  | -11.450382 | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | HV | NT | -60000.00  | -11.450382 | 20 | PASS |
| 11AX20SISO | Ant1 | 5260 | NV | NT | -60000.00  | -11.406844 | 20 | PASS |
| 11AX20SISO | Ant1 | 5260 | LV | NT | -80000.00  | -15.209125 | 20 | PASS |
| 11AX20SISO | Ant1 | 5260 | HV | NT | -60000.00  | -11.406844 | 20 | PASS |
| 11AX20SISO | Ant1 | 5300 | NV | NT | -60000.00  | -11.320755 | 20 | PASS |
| 11AX20SISO | Ant1 | 5300 | LV | NT | -80000.00  | -15.094340 | 20 | PASS |
| 11AX20SISO | Ant1 | 5300 | HV | NT | -100000.00 | -18.867925 | 20 | PASS |
| 11AX20SISO | Ant1 | 5320 | NV | NT | -60000.00  | -11.278195 | 20 | PASS |
| 11AX20SISO | Ant1 | 5320 | LV | NT | -60000.00  | -11.278195 | 20 | PASS |
| 11AX20SISO | Ant1 | 5320 | HV | NT | -60000.00  | -11.278195 | 20 | PASS |
| 11AX20SISO | Ant1 | 5500 | NV | NT | -60000.00  | -10.909091 | 20 | PASS |
| 11AX20SISO | Ant1 | 5500 | LV | NT | -60000.00  | -10.909091 | 20 | PASS |
| 11AX20SISO | Ant1 | 5500 | HV | NT | -60000.00  | -10.909091 | 20 | PASS |
| 11AX20SISO | Ant1 | 5580 | NV | NT | -80000.00  | -14.336918 | 20 | PASS |
| 11AX20SISO | Ant1 | 5580 | LV | NT | -60000.00  | -10.752688 | 20 | PASS |
| 11AX20SISO | Ant1 | 5580 | HV | NT | -60000.00  | -10.752688 | 20 | PASS |
| 11AX20SISO | Ant1 | 5700 | NV | NT | -80000.00  | -14.035088 | 20 | PASS |
| 11AX20SISO | Ant1 | 5700 | LV | NT | -100000.00 | -17.543860 | 20 | PASS |
| 11AX20SISO | Ant1 | 5700 | HV | NT | -80000.00  | -14.035088 | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | NT | -100000.00 | -17.406440 | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | LV | NT | -60000.00  | -10.443864 | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | HV | NT | -80000.00  | -13.925152 | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | NT | -80000.00  | -13.828868 | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | LV | NT | -80000.00  | -13.828868 | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | HV | NT | -80000.00  | -13.828868 | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | NT | -100000.00 | -17.167382 | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | LV | NT | -100000.00 | -17.167382 | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | HV | NT | -100000.00 | -17.167382 | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | NT | -80000.00  | -15.414258 | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | LV | NT | -80000.00  | -15.414258 | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | HV | NT | -80000.00  | -15.414258 | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | NT | -80000.00  | -15.296367 | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | LV | NT | -80000.00  | -15.296367 | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | HV | NT | -80000.00  | -15.296367 | 20 | PASS |

|            |      |      |    |    |           |            |    |      |
|------------|------|------|----|----|-----------|------------|----|------|
| 11AX40SISO | Ant1 | 5270 | NV | NT | -80000.00 | -15.180266 | 20 | PASS |
| 11AX40SISO | Ant1 | 5270 | LV | NT | -80000.00 | -15.180266 | 20 | PASS |
| 11AX40SISO | Ant1 | 5270 | HV | NT | -80000.00 | -15.180266 | 20 | PASS |
| 11AX40SISO | Ant1 | 5310 | NV | NT | -80000.00 | -15.065913 | 20 | PASS |
| 11AX40SISO | Ant1 | 5310 | LV | NT | -80000.00 | -15.065913 | 20 | PASS |
| 11AX40SISO | Ant1 | 5310 | HV | NT | -80000.00 | -15.065913 | 20 | PASS |
| 11AX40SISO | Ant1 | 5510 | NV | NT | -80000.00 | -14.519056 | 20 | PASS |
| 11AX40SISO | Ant1 | 5510 | LV | NT | -80000.00 | -14.519056 | 20 | PASS |
| 11AX40SISO | Ant1 | 5510 | HV | NT | -80000.00 | -14.519056 | 20 | PASS |
| 11AX40SISO | Ant1 | 5550 | NV | NT | -80000.00 | -14.414414 | 20 | PASS |
| 11AX40SISO | Ant1 | 5550 | LV | NT | -80000.00 | -14.414414 | 20 | PASS |
| 11AX40SISO | Ant1 | 5550 | HV | NT | -80000.00 | -14.414414 | 20 | PASS |
| 11AX40SISO | Ant1 | 5670 | NV | NT | -80000.00 | -14.109347 | 20 | PASS |
| 11AX40SISO | Ant1 | 5670 | LV | NT | -80000.00 | -14.109347 | 20 | PASS |
| 11AX40SISO | Ant1 | 5670 | HV | NT | -80000.00 | -14.109347 | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | NT | -80000.00 | -13.900956 | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | LV | NT | -80000.00 | -13.900956 | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | HV | NT | -80000.00 | -13.900956 | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | NT | -80000.00 | -13.805004 | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | LV | NT | -80000.00 | -13.805004 | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | HV | NT | -80000.00 | -13.805004 | 20 | PASS |

| TestMode | Antenna | Frequency [MHz] | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|----------|---------|-----------------|---------------|------------------|----------------|-----------------|-------------|---------|
| 11A      | Ant1    | 5180            | NV            | -30              | -100000.00     | -19.305019      | 20          | PASS    |
| 11A      | Ant1    | 5180            | NV            | -20              | -80000.00      | -15.444015      | 20          | PASS    |
| 11A      | Ant1    | 5180            | NV            | -10              | -60000.00      | -11.583012      | 20          | PASS    |
| 11A      | Ant1    | 5180            | NV            | 0                | -100000.00     | -19.305019      | 20          | PASS    |
| 11A      | Ant1    | 5180            | NV            | 10               | -80000.00      | -15.444015      | 20          | PASS    |
| 11A      | Ant1    | 5180            | NV            | 20               | -80000.00      | -15.444015      | 20          | PASS    |
| 11A      | Ant1    | 5180            | NV            | 30               | -80000.00      | -15.444015      | 20          | PASS    |
| 11A      | Ant1    | 5180            | NV            | 40               | -80000.00      | -15.444015      | 20          | PASS    |
| 11A      | Ant1    | 5180            | NV            | 50               | -60000.00      | -11.583012      | 20          | PASS    |
| 11A      | Ant1    | 5220            | NV            | -30              | -80000.00      | -15.325670      | 20          | PASS    |
| 11A      | Ant1    | 5220            | NV            | -20              | -80000.00      | -15.325670      | 20          | PASS    |
| 11A      | Ant1    | 5220            | NV            | -10              | -80000.00      | -15.325670      | 20          | PASS    |
| 11A      | Ant1    | 5220            | NV            | 0                | -60000.00      | -11.494253      | 20          | PASS    |
| 11A      | Ant1    | 5220            | NV            | 10               | -80000.00      | -15.325670      | 20          | PASS    |
| 11A      | Ant1    | 5220            | NV            | 20               | -100000.00     | -19.157088      | 20          | PASS    |
| 11A      | Ant1    | 5220            | NV            | 30               | -80000.00      | -15.325670      | 20          | PASS    |
| 11A      | Ant1    | 5220            | NV            | 40               | -60000.00      | -11.494253      | 20          | PASS    |
| 11A      | Ant1    | 5220            | NV            | 50               | -80000.00      | -15.325670      | 20          | PASS    |

|     |      |      |    |     |            |            |    |      |
|-----|------|------|----|-----|------------|------------|----|------|
| 11A | Ant1 | 5240 | NV | -30 | -80000.00  | -15.267176 | 20 | PASS |
| 11A | Ant1 | 5240 | NV | -20 | -100000.00 | -19.083969 | 20 | PASS |
| 11A | Ant1 | 5240 | NV | -10 | -100000.00 | -19.083969 | 20 | PASS |
| 11A | Ant1 | 5240 | NV | 0   | -100000.00 | -19.083969 | 20 | PASS |
| 11A | Ant1 | 5240 | NV | 10  | -100000.00 | -19.083969 | 20 | PASS |
| 11A | Ant1 | 5240 | NV | 20  | -100000.00 | -19.083969 | 20 | PASS |
| 11A | Ant1 | 5240 | NV | 30  | -100000.00 | -19.083969 | 20 | PASS |
| 11A | Ant1 | 5240 | NV | 40  | -80000.00  | -15.267176 | 20 | PASS |
| 11A | Ant1 | 5240 | NV | 50  | -100000.00 | -19.083969 | 20 | PASS |
| 11A | Ant1 | 5260 | NV | -30 | -80000.00  | -15.209125 | 20 | PASS |
| 11A | Ant1 | 5260 | NV | -20 | -80000.00  | -15.209125 | 20 | PASS |
| 11A | Ant1 | 5260 | NV | -10 | -100000.00 | -19.011407 | 20 | PASS |
| 11A | Ant1 | 5260 | NV | 0   | -80000.00  | -15.209125 | 20 | PASS |
| 11A | Ant1 | 5260 | NV | 10  | -80000.00  | -15.209125 | 20 | PASS |
| 11A | Ant1 | 5260 | NV | 20  | -100000.00 | -19.011407 | 20 | PASS |
| 11A | Ant1 | 5260 | NV | 30  | -100000.00 | -19.011407 | 20 | PASS |
| 11A | Ant1 | 5260 | NV | 40  | -100000.00 | -19.011407 | 20 | PASS |
| 11A | Ant1 | 5260 | NV | 50  | -80000.00  | -15.209125 | 20 | PASS |
| 11A | Ant1 | 5300 | NV | -30 | -100000.00 | -18.867925 | 20 | PASS |
| 11A | Ant1 | 5300 | NV | -20 | -100000.00 | -18.867925 | 20 | PASS |
| 11A | Ant1 | 5300 | NV | -10 | -100000.00 | -18.867925 | 20 | PASS |
| 11A | Ant1 | 5300 | NV | 0   | -100000.00 | -18.867925 | 20 | PASS |
| 11A | Ant1 | 5300 | NV | 10  | -80000.00  | -15.094340 | 20 | PASS |
| 11A | Ant1 | 5300 | NV | 20  | -100000.00 | -18.867925 | 20 | PASS |
| 11A | Ant1 | 5300 | NV | 30  | -80000.00  | -15.094340 | 20 | PASS |
| 11A | Ant1 | 5300 | NV | 40  | -100000.00 | -18.867925 | 20 | PASS |
| 11A | Ant1 | 5300 | NV | 50  | -100000.00 | -18.867925 | 20 | PASS |
| 11A | Ant1 | 5320 | NV | -30 | -80000.00  | -15.037594 | 20 | PASS |
| 11A | Ant1 | 5320 | NV | -20 | -80000.00  | -15.037594 | 20 | PASS |
| 11A | Ant1 | 5320 | NV | -10 | -80000.00  | -15.037594 | 20 | PASS |
| 11A | Ant1 | 5320 | NV | 0   | -100000.00 | -18.796992 | 20 | PASS |
| 11A | Ant1 | 5320 | NV | 10  | -80000.00  | -15.037594 | 20 | PASS |
| 11A | Ant1 | 5320 | NV | 20  | -100000.00 | -18.796992 | 20 | PASS |
| 11A | Ant1 | 5320 | NV | 30  | -100000.00 | -18.796992 | 20 | PASS |
| 11A | Ant1 | 5320 | NV | 40  | -100000.00 | -18.796992 | 20 | PASS |
| 11A | Ant1 | 5320 | NV | 50  | -100000.00 | -18.796992 | 20 | PASS |
| 11A | Ant1 | 5500 | NV | -30 | -100000.00 | -18.181818 | 20 | PASS |
| 11A | Ant1 | 5500 | NV | -20 | -80000.00  | -14.545455 | 20 | PASS |
| 11A | Ant1 | 5500 | NV | -10 | -100000.00 | -18.181818 | 20 | PASS |
| 11A | Ant1 | 5500 | NV | 0   | -100000.00 | -18.181818 | 20 | PASS |
| 11A | Ant1 | 5500 | NV | 10  | -80000.00  | -14.545455 | 20 | PASS |
| 11A | Ant1 | 5500 | NV | 20  | -80000.00  | -14.545455 | 20 | PASS |

|     |      |      |    |     |            |            |    |      |
|-----|------|------|----|-----|------------|------------|----|------|
| 11A | Ant1 | 5500 | NV | 30  | -100000.00 | -18.181818 | 20 | PASS |
| 11A | Ant1 | 5500 | NV | 40  | -100000.00 | -18.181818 | 20 | PASS |
| 11A | Ant1 | 5500 | NV | 50  | -80000.00  | -14.545455 | 20 | PASS |
| 11A | Ant1 | 5580 | NV | -30 | -100000.00 | -17.921147 | 20 | PASS |
| 11A | Ant1 | 5580 | NV | -20 | -80000.00  | -14.336918 | 20 | PASS |
| 11A | Ant1 | 5580 | NV | -10 | -100000.00 | -17.921147 | 20 | PASS |
| 11A | Ant1 | 5580 | NV | 0   | -100000.00 | -17.921147 | 20 | PASS |
| 11A | Ant1 | 5580 | NV | 10  | -100000.00 | -17.921147 | 20 | PASS |
| 11A | Ant1 | 5580 | NV | 20  | -100000.00 | -17.921147 | 20 | PASS |
| 11A | Ant1 | 5580 | NV | 30  | -100000.00 | -17.921147 | 20 | PASS |
| 11A | Ant1 | 5580 | NV | 40  | -100000.00 | -17.921147 | 20 | PASS |
| 11A | Ant1 | 5580 | NV | 50  | -100000.00 | -17.921147 | 20 | PASS |
| 11A | Ant1 | 5700 | NV | -30 | -80000.00  | -14.035088 | 20 | PASS |
| 11A | Ant1 | 5700 | NV | -20 | -100000.00 | -17.543860 | 20 | PASS |
| 11A | Ant1 | 5700 | NV | -10 | -100000.00 | -17.543860 | 20 | PASS |
| 11A | Ant1 | 5700 | NV | 0   | -80000.00  | -14.035088 | 20 | PASS |
| 11A | Ant1 | 5700 | NV | 10  | -100000.00 | -17.543860 | 20 | PASS |
| 11A | Ant1 | 5700 | NV | 20  | -100000.00 | -17.543860 | 20 | PASS |
| 11A | Ant1 | 5700 | NV | 30  | -100000.00 | -17.543860 | 20 | PASS |
| 11A | Ant1 | 5700 | NV | 40  | -80000.00  | -14.035088 | 20 | PASS |
| 11A | Ant1 | 5700 | NV | 50  | -80000.00  | -14.035088 | 20 | PASS |
| 11A | Ant1 | 5745 | NV | -30 | -80000.00  | -13.925152 | 20 | PASS |
| 11A | Ant1 | 5745 | NV | -20 | -100000.00 | -17.406440 | 20 | PASS |
| 11A | Ant1 | 5745 | NV | -10 | -80000.00  | -13.925152 | 20 | PASS |
| 11A | Ant1 | 5745 | NV | 0   | -100000.00 | -17.406440 | 20 | PASS |
| 11A | Ant1 | 5745 | NV | 10  | -80000.00  | -13.925152 | 20 | PASS |
| 11A | Ant1 | 5745 | NV | 20  | -80000.00  | -13.925152 | 20 | PASS |
| 11A | Ant1 | 5745 | NV | 30  | -100000.00 | -17.406440 | 20 | PASS |
| 11A | Ant1 | 5745 | NV | 40  | -80000.00  | -13.925152 | 20 | PASS |
| 11A | Ant1 | 5745 | NV | 50  | -80000.00  | -13.925152 | 20 | PASS |
| 11A | Ant1 | 5785 | NV | -30 | -100000.00 | -17.286085 | 20 | PASS |
| 11A | Ant1 | 5785 | NV | -20 | -100000.00 | -17.286085 | 20 | PASS |
| 11A | Ant1 | 5785 | NV | -10 | -100000.00 | -17.286085 | 20 | PASS |
| 11A | Ant1 | 5785 | NV | 0   | -80000.00  | -13.828868 | 20 | PASS |
| 11A | Ant1 | 5785 | NV | 10  | -100000.00 | -17.286085 | 20 | PASS |
| 11A | Ant1 | 5785 | NV | 20  | -100000.00 | -17.286085 | 20 | PASS |
| 11A | Ant1 | 5785 | NV | 30  | -100000.00 | -17.286085 | 20 | PASS |
| 11A | Ant1 | 5785 | NV | 40  | -100000.00 | -17.286085 | 20 | PASS |
| 11A | Ant1 | 5785 | NV | 50  | -80000.00  | -13.828868 | 20 | PASS |
| 11A | Ant1 | 5825 | NV | -30 | -100000.00 | -17.167382 | 20 | PASS |
| 11A | Ant1 | 5825 | NV | -20 | -100000.00 | -17.167382 | 20 | PASS |
| 11A | Ant1 | 5825 | NV | -10 | -80000.00  | -13.733906 | 20 | PASS |

|           |      |      |    |     |            |            |    |      |
|-----------|------|------|----|-----|------------|------------|----|------|
| 11A       | Ant1 | 5825 | NV | 0   | -80000.00  | -13.733906 | 20 | PASS |
| 11A       | Ant1 | 5825 | NV | 10  | -80000.00  | -13.733906 | 20 | PASS |
| 11A       | Ant1 | 5825 | NV | 20  | -100000.00 | -17.167382 | 20 | PASS |
| 11A       | Ant1 | 5825 | NV | 30  | -100000.00 | -17.167382 | 20 | PASS |
| 11A       | Ant1 | 5825 | NV | 40  | -80000.00  | -13.733906 | 20 | PASS |
| 11A       | Ant1 | 5825 | NV | 50  | -100000.00 | -17.167382 | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | -30 | -100000.00 | -19.305019 | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | -20 | -80000.00  | -15.444015 | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | -10 | -80000.00  | -15.444015 | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | 0   | -100000.00 | -19.305019 | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | 10  | -80000.00  | -15.444015 | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | 20  | -80000.00  | -15.444015 | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | 30  | -80000.00  | -15.444015 | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | 40  | -80000.00  | -15.444015 | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | 50  | -80000.00  | -15.444015 | 20 | PASS |
| 11N20SISO | Ant1 | 5220 | NV | -30 | -100000.00 | -19.157088 | 20 | PASS |
| 11N20SISO | Ant1 | 5220 | NV | -20 | -80000.00  | -15.325670 | 20 | PASS |
| 11N20SISO | Ant1 | 5220 | NV | -10 | -80000.00  | -15.325670 | 20 | PASS |
| 11N20SISO | Ant1 | 5220 | NV | 0   | -80000.00  | -15.325670 | 20 | PASS |
| 11N20SISO | Ant1 | 5220 | NV | 10  | -60000.00  | -11.494253 | 20 | PASS |
| 11N20SISO | Ant1 | 5220 | NV | 20  | -80000.00  | -15.325670 | 20 | PASS |
| 11N20SISO | Ant1 | 5220 | NV | 30  | -80000.00  | -15.325670 | 20 | PASS |
| 11N20SISO | Ant1 | 5220 | NV | 40  | -80000.00  | -15.325670 | 20 | PASS |
| 11N20SISO | Ant1 | 5220 | NV | 50  | -80000.00  | -15.325670 | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | -30 | -80000.00  | -15.267176 | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | -20 | -60000.00  | -11.450382 | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | -10 | -80000.00  | -15.267176 | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | 0   | -80000.00  | -15.267176 | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | 10  | -80000.00  | -15.267176 | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | 20  | -80000.00  | -15.267176 | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | 30  | -80000.00  | -15.267176 | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | 40  | -60000.00  | -11.450382 | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | 50  | -80000.00  | -15.267176 | 20 | PASS |
| 11N20SISO | Ant1 | 5260 | NV | -30 | -60000.00  | -11.406844 | 20 | PASS |
| 11N20SISO | Ant1 | 5260 | NV | -20 | -80000.00  | -15.209125 | 20 | PASS |
| 11N20SISO | Ant1 | 5260 | NV | -10 | -80000.00  | -15.209125 | 20 | PASS |
| 11N20SISO | Ant1 | 5260 | NV | 0   | -80000.00  | -15.209125 | 20 | PASS |
| 11N20SISO | Ant1 | 5260 | NV | 10  | -100000.00 | -19.011407 | 20 | PASS |
| 11N20SISO | Ant1 | 5260 | NV | 20  | -80000.00  | -15.209125 | 20 | PASS |
| 11N20SISO | Ant1 | 5260 | NV | 30  | -100000.00 | -19.011407 | 20 | PASS |
| 11N20SISO | Ant1 | 5260 | NV | 40  | -80000.00  | -15.209125 | 20 | PASS |
| 11N20SISO | Ant1 | 5260 | NV | 50  | -80000.00  | -15.209125 | 20 | PASS |

|           |      |      |    |     |            |            |    |      |
|-----------|------|------|----|-----|------------|------------|----|------|
| 11N20SISO | Ant1 | 5300 | NV | -30 | -80000.00  | -15.094340 | 20 | PASS |
| 11N20SISO | Ant1 | 5300 | NV | -20 | -100000.00 | -18.867925 | 20 | PASS |
| 11N20SISO | Ant1 | 5300 | NV | -10 | -60000.00  | -11.320755 | 20 | PASS |
| 11N20SISO | Ant1 | 5300 | NV | 0   | -80000.00  | -15.094340 | 20 | PASS |
| 11N20SISO | Ant1 | 5300 | NV | 10  | -100000.00 | -18.867925 | 20 | PASS |
| 11N20SISO | Ant1 | 5300 | NV | 20  | -80000.00  | -15.094340 | 20 | PASS |
| 11N20SISO | Ant1 | 5300 | NV | 30  | -80000.00  | -15.094340 | 20 | PASS |
| 11N20SISO | Ant1 | 5300 | NV | 40  | -80000.00  | -15.094340 | 20 | PASS |
| 11N20SISO | Ant1 | 5300 | NV | 50  | -80000.00  | -15.094340 | 20 | PASS |
| 11N20SISO | Ant1 | 5320 | NV | -30 | -60000.00  | -11.278195 | 20 | PASS |
| 11N20SISO | Ant1 | 5320 | NV | -20 | -80000.00  | -15.037594 | 20 | PASS |
| 11N20SISO | Ant1 | 5320 | NV | -10 | -100000.00 | -18.796992 | 20 | PASS |
| 11N20SISO | Ant1 | 5320 | NV | 0   | -80000.00  | -15.037594 | 20 | PASS |
| 11N20SISO | Ant1 | 5320 | NV | 10  | -80000.00  | -15.037594 | 20 | PASS |
| 11N20SISO | Ant1 | 5320 | NV | 20  | -80000.00  | -15.037594 | 20 | PASS |
| 11N20SISO | Ant1 | 5320 | NV | 30  | -80000.00  | -15.037594 | 20 | PASS |
| 11N20SISO | Ant1 | 5320 | NV | 40  | -80000.00  | -15.037594 | 20 | PASS |
| 11N20SISO | Ant1 | 5320 | NV | 50  | -80000.00  | -15.037594 | 20 | PASS |
| 11N20SISO | Ant1 | 5500 | NV | -30 | -80000.00  | -14.545455 | 20 | PASS |
| 11N20SISO | Ant1 | 5500 | NV | -20 | -80000.00  | -14.545455 | 20 | PASS |
| 11N20SISO | Ant1 | 5500 | NV | -10 | -80000.00  | -14.545455 | 20 | PASS |
| 11N20SISO | Ant1 | 5500 | NV | 0   | -100000.00 | -18.181818 | 20 | PASS |
| 11N20SISO | Ant1 | 5500 | NV | 10  | -80000.00  | -14.545455 | 20 | PASS |
| 11N20SISO | Ant1 | 5500 | NV | 20  | -100000.00 | -18.181818 | 20 | PASS |
| 11N20SISO | Ant1 | 5500 | NV | 30  | -60000.00  | -10.909091 | 20 | PASS |
| 11N20SISO | Ant1 | 5500 | NV | 40  | -100000.00 | -18.181818 | 20 | PASS |
| 11N20SISO | Ant1 | 5500 | NV | 50  | -100000.00 | -18.181818 | 20 | PASS |
| 11N20SISO | Ant1 | 5580 | NV | -30 | -100000.00 | -17.921147 | 20 | PASS |
| 11N20SISO | Ant1 | 5580 | NV | -20 | -100000.00 | -17.921147 | 20 | PASS |
| 11N20SISO | Ant1 | 5580 | NV | -10 | -80000.00  | -14.336918 | 20 | PASS |
| 11N20SISO | Ant1 | 5580 | NV | 0   | -80000.00  | -14.336918 | 20 | PASS |
| 11N20SISO | Ant1 | 5580 | NV | 10  | -100000.00 | -17.921147 | 20 | PASS |
| 11N20SISO | Ant1 | 5580 | NV | 20  | -80000.00  | -14.336918 | 20 | PASS |
| 11N20SISO | Ant1 | 5580 | NV | 30  | -100000.00 | -17.921147 | 20 | PASS |
| 11N20SISO | Ant1 | 5580 | NV | 40  | -100000.00 | -17.921147 | 20 | PASS |
| 11N20SISO | Ant1 | 5580 | NV | 50  | -80000.00  | -14.336918 | 20 | PASS |
| 11N20SISO | Ant1 | 5700 | NV | -30 | -80000.00  | -14.035088 | 20 | PASS |
| 11N20SISO | Ant1 | 5700 | NV | -20 | -80000.00  | -14.035088 | 20 | PASS |
| 11N20SISO | Ant1 | 5700 | NV | -10 | -100000.00 | -17.543860 | 20 | PASS |
| 11N20SISO | Ant1 | 5700 | NV | 0   | -80000.00  | -14.035088 | 20 | PASS |
| 11N20SISO | Ant1 | 5700 | NV | 10  | -100000.00 | -17.543860 | 20 | PASS |
| 11N20SISO | Ant1 | 5700 | NV | 20  | -100000.00 | -17.543860 | 20 | PASS |

|           |      |      |    |     |            |            |    |      |
|-----------|------|------|----|-----|------------|------------|----|------|
| 11N20SISO | Ant1 | 5700 | NV | 30  | -100000.00 | -17.543860 | 20 | PASS |
| 11N20SISO | Ant1 | 5700 | NV | 40  | -100000.00 | -17.543860 | 20 | PASS |
| 11N20SISO | Ant1 | 5700 | NV | 50  | -80000.00  | -14.035088 | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | -30 | -80000.00  | -13.925152 | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | -20 | -80000.00  | -13.925152 | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | -10 | -100000.00 | -17.406440 | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | 0   | -80000.00  | -13.925152 | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | 10  | -100000.00 | -17.406440 | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | 20  | -100000.00 | -17.406440 | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | 30  | -80000.00  | -13.925152 | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | 40  | -80000.00  | -13.925152 | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | 50  | -100000.00 | -17.406440 | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | -30 | -100000.00 | -17.286085 | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | -20 | -100000.00 | -17.286085 | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | -10 | -100000.00 | -17.286085 | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | 0   | -100000.00 | -17.286085 | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | 10  | -80000.00  | -13.828868 | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | 20  | -80000.00  | -13.828868 | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | 30  | -100000.00 | -17.286085 | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | 40  | -80000.00  | -13.828868 | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | 50  | -80000.00  | -13.828868 | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | -30 | -100000.00 | -17.167382 | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | -20 | -80000.00  | -13.733906 | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | -10 | -80000.00  | -13.733906 | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | 0   | -100000.00 | -17.167382 | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | 10  | -100000.00 | -17.167382 | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | 20  | -100000.00 | -17.167382 | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | 30  | -80000.00  | -13.733906 | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | 40  | -100000.00 | -17.167382 | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | 50  | -80000.00  | -13.733906 | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | -30 | -80000.00  | -15.414258 | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | -20 | -80000.00  | -15.414258 | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | -10 | -40000.00  | -7.707129  | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | 0   | -40000.00  | -7.707129  | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | 10  | -80000.00  | -15.414258 | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | 20  | -40000.00  | -7.707129  | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | 30  | -40000.00  | -7.707129  | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | 40  | -80000.00  | -15.414258 | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | 50  | -40000.00  | -7.707129  | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | -30 | -80000.00  | -15.296367 | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | -20 | -80000.00  | -15.296367 | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | -10 | -40000.00  | -7.648184  | 20 | PASS |

|           |      |      |    |     |           |            |    |      |
|-----------|------|------|----|-----|-----------|------------|----|------|
| 11N40SISO | Ant1 | 5230 | NV | 0   | -80000.00 | -15.296367 | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | 10  | -80000.00 | -15.296367 | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | 20  | -80000.00 | -15.296367 | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | 30  | -40000.00 | -7.648184  | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | 40  | -40000.00 | -7.648184  | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | 50  | -80000.00 | -15.296367 | 20 | PASS |
| 11N40SISO | Ant1 | 5270 | NV | -30 | -80000.00 | -15.180266 | 20 | PASS |
| 11N40SISO | Ant1 | 5270 | NV | -20 | -40000.00 | -7.590133  | 20 | PASS |
| 11N40SISO | Ant1 | 5270 | NV | -10 | -80000.00 | -15.180266 | 20 | PASS |
| 11N40SISO | Ant1 | 5270 | NV | 0   | -40000.00 | -7.590133  | 20 | PASS |
| 11N40SISO | Ant1 | 5270 | NV | 10  | -80000.00 | -15.180266 | 20 | PASS |
| 11N40SISO | Ant1 | 5270 | NV | 20  | -80000.00 | -15.180266 | 20 | PASS |
| 11N40SISO | Ant1 | 5270 | NV | 30  | -80000.00 | -15.180266 | 20 | PASS |
| 11N40SISO | Ant1 | 5270 | NV | 40  | -80000.00 | -15.180266 | 20 | PASS |
| 11N40SISO | Ant1 | 5270 | NV | 50  | -80000.00 | -15.180266 | 20 | PASS |
| 11N40SISO | Ant1 | 5310 | NV | -30 | -40000.00 | -7.532957  | 20 | PASS |
| 11N40SISO | Ant1 | 5310 | NV | -20 | -40000.00 | -7.532957  | 20 | PASS |
| 11N40SISO | Ant1 | 5310 | NV | -10 | -80000.00 | -15.065913 | 20 | PASS |
| 11N40SISO | Ant1 | 5310 | NV | 0   | -80000.00 | -15.065913 | 20 | PASS |
| 11N40SISO | Ant1 | 5310 | NV | 10  | -80000.00 | -15.065913 | 20 | PASS |
| 11N40SISO | Ant1 | 5310 | NV | 20  | -80000.00 | -15.065913 | 20 | PASS |
| 11N40SISO | Ant1 | 5310 | NV | 30  | -80000.00 | -15.065913 | 20 | PASS |
| 11N40SISO | Ant1 | 5310 | NV | 40  | -80000.00 | -15.065913 | 20 | PASS |
| 11N40SISO | Ant1 | 5310 | NV | 50  | -80000.00 | -15.065913 | 20 | PASS |
| 11N40SISO | Ant1 | 5510 | NV | -30 | -40000.00 | -7.259528  | 20 | PASS |
| 11N40SISO | Ant1 | 5510 | NV | -20 | -40000.00 | -7.259528  | 20 | PASS |
| 11N40SISO | Ant1 | 5510 | NV | -10 | -40000.00 | -7.259528  | 20 | PASS |
| 11N40SISO | Ant1 | 5510 | NV | 0   | -40000.00 | -7.259528  | 20 | PASS |
| 11N40SISO | Ant1 | 5510 | NV | 10  | -80000.00 | -14.519056 | 20 | PASS |
| 11N40SISO | Ant1 | 5510 | NV | 20  | -80000.00 | -14.519056 | 20 | PASS |
| 11N40SISO | Ant1 | 5510 | NV | 30  | -80000.00 | -14.519056 | 20 | PASS |
| 11N40SISO | Ant1 | 5510 | NV | 40  | -40000.00 | -7.259528  | 20 | PASS |
| 11N40SISO | Ant1 | 5510 | NV | 50  | -40000.00 | -7.259528  | 20 | PASS |
| 11N40SISO | Ant1 | 5550 | NV | -30 | -80000.00 | -14.414414 | 20 | PASS |
| 11N40SISO | Ant1 | 5550 | NV | -20 | -40000.00 | -7.207207  | 20 | PASS |
| 11N40SISO | Ant1 | 5550 | NV | -10 | -80000.00 | -14.414414 | 20 | PASS |
| 11N40SISO | Ant1 | 5550 | NV | 0   | -40000.00 | -7.207207  | 20 | PASS |
| 11N40SISO | Ant1 | 5550 | NV | 10  | -40000.00 | -7.207207  | 20 | PASS |
| 11N40SISO | Ant1 | 5550 | NV | 20  | -40000.00 | -7.207207  | 20 | PASS |
| 11N40SISO | Ant1 | 5550 | NV | 30  | -40000.00 | -7.207207  | 20 | PASS |
| 11N40SISO | Ant1 | 5550 | NV | 40  | -80000.00 | -14.414414 | 20 | PASS |
| 11N40SISO | Ant1 | 5550 | NV | 50  | -80000.00 | -14.414414 | 20 | PASS |

|            |      |      |    |     |           |            |    |      |
|------------|------|------|----|-----|-----------|------------|----|------|
| 11N40SISO  | Ant1 | 5670 | NV | -30 | -80000.00 | -14.109347 | 20 | PASS |
| 11N40SISO  | Ant1 | 5670 | NV | -20 | -80000.00 | -14.109347 | 20 | PASS |
| 11N40SISO  | Ant1 | 5670 | NV | -10 | -80000.00 | -14.109347 | 20 | PASS |
| 11N40SISO  | Ant1 | 5670 | NV | 0   | -80000.00 | -14.109347 | 20 | PASS |
| 11N40SISO  | Ant1 | 5670 | NV | 10  | -80000.00 | -14.109347 | 20 | PASS |
| 11N40SISO  | Ant1 | 5670 | NV | 20  | -80000.00 | -14.109347 | 20 | PASS |
| 11N40SISO  | Ant1 | 5670 | NV | 30  | -80000.00 | -14.109347 | 20 | PASS |
| 11N40SISO  | Ant1 | 5670 | NV | 40  | -80000.00 | -14.109347 | 20 | PASS |
| 11N40SISO  | Ant1 | 5670 | NV | 50  | -80000.00 | -14.109347 | 20 | PASS |
| 11N40SISO  | Ant1 | 5755 | NV | -30 | -80000.00 | -13.900956 | 20 | PASS |
| 11N40SISO  | Ant1 | 5755 | NV | -20 | -80000.00 | -13.900956 | 20 | PASS |
| 11N40SISO  | Ant1 | 5755 | NV | -10 | -80000.00 | -13.900956 | 20 | PASS |
| 11N40SISO  | Ant1 | 5755 | NV | 0   | -80000.00 | -13.900956 | 20 | PASS |
| 11N40SISO  | Ant1 | 5755 | NV | 10  | -80000.00 | -13.900956 | 20 | PASS |
| 11N40SISO  | Ant1 | 5755 | NV | 20  | -80000.00 | -13.900956 | 20 | PASS |
| 11N40SISO  | Ant1 | 5755 | NV | 30  | -80000.00 | -13.900956 | 20 | PASS |
| 11N40SISO  | Ant1 | 5755 | NV | 40  | -80000.00 | -13.900956 | 20 | PASS |
| 11N40SISO  | Ant1 | 5755 | NV | 50  | -80000.00 | -13.900956 | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | -30 | -40000.00 | -6.902502  | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | -20 | -40000.00 | -6.902502  | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | -10 | -80000.00 | -13.805004 | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | 0   | -80000.00 | -13.805004 | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | 10  | -80000.00 | -13.805004 | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | 20  | -80000.00 | -13.805004 | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | 30  | -80000.00 | -13.805004 | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | 40  | -80000.00 | -13.805004 | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | 50  | -80000.00 | -13.805004 | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | -30 | -80000.00 | -15.444015 | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | -20 | -60000.00 | -11.583012 | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | -10 | -80000.00 | -15.444015 | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | 0   | -80000.00 | -15.444015 | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | 10  | -60000.00 | -11.583012 | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | 20  | -60000.00 | -11.583012 | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | 30  | -80000.00 | -15.444015 | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | 40  | -60000.00 | -11.583012 | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | 50  | -60000.00 | -11.583012 | 20 | PASS |
| 11AC20SISO | Ant1 | 5220 | NV | -30 | -80000.00 | -15.325670 | 20 | PASS |
| 11AC20SISO | Ant1 | 5220 | NV | -20 | -60000.00 | -11.494253 | 20 | PASS |
| 11AC20SISO | Ant1 | 5220 | NV | -10 | -80000.00 | -15.325670 | 20 | PASS |
| 11AC20SISO | Ant1 | 5220 | NV | 0   | -60000.00 | -11.494253 | 20 | PASS |
| 11AC20SISO | Ant1 | 5220 | NV | 10  | -60000.00 | -11.494253 | 20 | PASS |
| 11AC20SISO | Ant1 | 5220 | NV | 20  | -80000.00 | -15.325670 | 20 | PASS |

|            |      |      |    |     |            |            |    |      |
|------------|------|------|----|-----|------------|------------|----|------|
| 11AC20SISO | Ant1 | 5220 | NV | 30  | -60000.00  | -11.494253 | 20 | PASS |
| 11AC20SISO | Ant1 | 5220 | NV | 40  | -60000.00  | -11.494253 | 20 | PASS |
| 11AC20SISO | Ant1 | 5220 | NV | 50  | -80000.00  | -15.325670 | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | -30 | -60000.00  | -11.450382 | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | -20 | -60000.00  | -11.450382 | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | -10 | -60000.00  | -11.450382 | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | 0   | -60000.00  | -11.450382 | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | 10  | -60000.00  | -11.450382 | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | 20  | -80000.00  | -15.267176 | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | 30  | -60000.00  | -11.450382 | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | 40  | -80000.00  | -15.267176 | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | 50  | -80000.00  | -15.267176 | 20 | PASS |
| 11AC20SISO | Ant1 | 5260 | NV | -30 | -80000.00  | -15.209125 | 20 | PASS |
| 11AC20SISO | Ant1 | 5260 | NV | -20 | -60000.00  | -11.406844 | 20 | PASS |
| 11AC20SISO | Ant1 | 5260 | NV | -10 | -60000.00  | -11.406844 | 20 | PASS |
| 11AC20SISO | Ant1 | 5260 | NV | 0   | -60000.00  | -11.406844 | 20 | PASS |
| 11AC20SISO | Ant1 | 5260 | NV | 10  | -60000.00  | -11.406844 | 20 | PASS |
| 11AC20SISO | Ant1 | 5260 | NV | 20  | -60000.00  | -11.406844 | 20 | PASS |
| 11AC20SISO | Ant1 | 5260 | NV | 30  | -60000.00  | -11.406844 | 20 | PASS |
| 11AC20SISO | Ant1 | 5260 | NV | 40  | -80000.00  | -15.209125 | 20 | PASS |
| 11AC20SISO | Ant1 | 5260 | NV | 50  | -60000.00  | -11.406844 | 20 | PASS |
| 11AC20SISO | Ant1 | 5300 | NV | -30 | -80000.00  | -15.094340 | 20 | PASS |
| 11AC20SISO | Ant1 | 5300 | NV | -20 | -60000.00  | -11.320755 | 20 | PASS |
| 11AC20SISO | Ant1 | 5300 | NV | -10 | -60000.00  | -11.320755 | 20 | PASS |
| 11AC20SISO | Ant1 | 5300 | NV | 0   | -60000.00  | -11.320755 | 20 | PASS |
| 11AC20SISO | Ant1 | 5300 | NV | 10  | -80000.00  | -15.094340 | 20 | PASS |
| 11AC20SISO | Ant1 | 5300 | NV | 20  | -80000.00  | -15.094340 | 20 | PASS |
| 11AC20SISO | Ant1 | 5300 | NV | 30  | -60000.00  | -11.320755 | 20 | PASS |
| 11AC20SISO | Ant1 | 5300 | NV | 40  | -60000.00  | -11.320755 | 20 | PASS |
| 11AC20SISO | Ant1 | 5300 | NV | 50  | -60000.00  | -11.320755 | 20 | PASS |
| 11AC20SISO | Ant1 | 5320 | NV | -30 | -80000.00  | -15.037594 | 20 | PASS |
| 11AC20SISO | Ant1 | 5320 | NV | -20 | -100000.00 | -18.796992 | 20 | PASS |
| 11AC20SISO | Ant1 | 5320 | NV | -10 | -80000.00  | -15.037594 | 20 | PASS |
| 11AC20SISO | Ant1 | 5320 | NV | 0   | -80000.00  | -15.037594 | 20 | PASS |
| 11AC20SISO | Ant1 | 5320 | NV | 10  | -100000.00 | -18.796992 | 20 | PASS |
| 11AC20SISO | Ant1 | 5320 | NV | 20  | -80000.00  | -15.037594 | 20 | PASS |
| 11AC20SISO | Ant1 | 5320 | NV | 30  | -100000.00 | -18.796992 | 20 | PASS |
| 11AC20SISO | Ant1 | 5320 | NV | 40  | -80000.00  | -15.037594 | 20 | PASS |
| 11AC20SISO | Ant1 | 5320 | NV | 50  | -80000.00  | -15.037594 | 20 | PASS |
| 11AC20SISO | Ant1 | 5500 | NV | -30 | -100000.00 | -18.181818 | 20 | PASS |
| 11AC20SISO | Ant1 | 5500 | NV | -20 | -60000.00  | -10.909091 | 20 | PASS |
| 11AC20SISO | Ant1 | 5500 | NV | -10 | -80000.00  | -14.545455 | 20 | PASS |

|            |      |      |    |     |            |            |    |      |
|------------|------|------|----|-----|------------|------------|----|------|
| 11AC20SISO | Ant1 | 5500 | NV | 0   | -80000.00  | -14.545455 | 20 | PASS |
| 11AC20SISO | Ant1 | 5500 | NV | 10  | -60000.00  | -10.909091 | 20 | PASS |
| 11AC20SISO | Ant1 | 5500 | NV | 20  | -80000.00  | -14.545455 | 20 | PASS |
| 11AC20SISO | Ant1 | 5500 | NV | 30  | -80000.00  | -14.545455 | 20 | PASS |
| 11AC20SISO | Ant1 | 5500 | NV | 40  | -80000.00  | -14.545455 | 20 | PASS |
| 11AC20SISO | Ant1 | 5500 | NV | 50  | -60000.00  | -10.909091 | 20 | PASS |
| 11AC20SISO | Ant1 | 5580 | NV | -30 | -80000.00  | -14.336918 | 20 | PASS |
| 11AC20SISO | Ant1 | 5580 | NV | -20 | -60000.00  | -10.752688 | 20 | PASS |
| 11AC20SISO | Ant1 | 5580 | NV | -10 | -80000.00  | -14.336918 | 20 | PASS |
| 11AC20SISO | Ant1 | 5580 | NV | 0   | -80000.00  | -14.336918 | 20 | PASS |
| 11AC20SISO | Ant1 | 5580 | NV | 10  | -80000.00  | -14.336918 | 20 | PASS |
| 11AC20SISO | Ant1 | 5580 | NV | 20  | -80000.00  | -14.336918 | 20 | PASS |
| 11AC20SISO | Ant1 | 5580 | NV | 30  | -100000.00 | -17.921147 | 20 | PASS |
| 11AC20SISO | Ant1 | 5580 | NV | 40  | -80000.00  | -14.336918 | 20 | PASS |
| 11AC20SISO | Ant1 | 5580 | NV | 50  | -60000.00  | -10.752688 | 20 | PASS |
| 11AC20SISO | Ant1 | 5700 | NV | -30 | -100000.00 | -17.543860 | 20 | PASS |
| 11AC20SISO | Ant1 | 5700 | NV | -20 | -100000.00 | -17.543860 | 20 | PASS |
| 11AC20SISO | Ant1 | 5700 | NV | -10 | -80000.00  | -14.035088 | 20 | PASS |
| 11AC20SISO | Ant1 | 5700 | NV | 0   | -80000.00  | -14.035088 | 20 | PASS |
| 11AC20SISO | Ant1 | 5700 | NV | 10  | -80000.00  | -14.035088 | 20 | PASS |
| 11AC20SISO | Ant1 | 5700 | NV | 20  | -100000.00 | -17.543860 | 20 | PASS |
| 11AC20SISO | Ant1 | 5700 | NV | 30  | -100000.00 | -17.543860 | 20 | PASS |
| 11AC20SISO | Ant1 | 5700 | NV | 40  | -100000.00 | -17.543860 | 20 | PASS |
| 11AC20SISO | Ant1 | 5700 | NV | 50  | -60000.00  | -10.526316 | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | -30 | -80000.00  | -13.925152 | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | -20 | -80000.00  | -13.925152 | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | -10 | -100000.00 | -17.406440 | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | 0   | -100000.00 | -17.406440 | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | 10  | -80000.00  | -13.925152 | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | 20  | -80000.00  | -13.925152 | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | 30  | -80000.00  | -13.925152 | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | 40  | -80000.00  | -13.925152 | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | 50  | -80000.00  | -13.925152 | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | -30 | -60000.00  | -10.371651 | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | -20 | -100000.00 | -17.286085 | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | -10 | -100000.00 | -17.286085 | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | 0   | -80000.00  | -13.828868 | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | 10  | -100000.00 | -17.286085 | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | 20  | -100000.00 | -17.286085 | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | 30  | -80000.00  | -13.828868 | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | 40  | -80000.00  | -13.828868 | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | 50  | -100000.00 | -17.286085 | 20 | PASS |

|            |      |      |    |     |            |            |    |      |
|------------|------|------|----|-----|------------|------------|----|------|
| 11AC20SISO | Ant1 | 5825 | NV | -30 | -80000.00  | -13.733906 | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | -20 | -100000.00 | -17.167382 | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | -10 | -100000.00 | -17.167382 | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | 0   | -80000.00  | -13.733906 | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | 10  | -100000.00 | -17.167382 | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | 20  | -80000.00  | -13.733906 | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | 30  | -100000.00 | -17.167382 | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | 40  | -100000.00 | -17.167382 | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | 50  | -100000.00 | -17.167382 | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | -30 | -80000.00  | -15.414258 | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | -20 | -80000.00  | -15.414258 | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | -10 | -40000.00  | -7.707129  | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | 0   | -80000.00  | -15.414258 | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | 10  | -40000.00  | -7.707129  | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | 20  | -40000.00  | -7.707129  | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | 30  | -40000.00  | -7.707129  | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | 40  | -80000.00  | -15.414258 | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | 50  | -40000.00  | -7.707129  | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | -30 | -40000.00  | -7.648184  | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | -20 | -80000.00  | -15.296367 | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | -10 | -80000.00  | -15.296367 | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | 0   | -80000.00  | -15.296367 | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | 10  | -40000.00  | -7.648184  | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | 20  | -40000.00  | -7.648184  | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | 30  | -40000.00  | -7.648184  | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | 40  | -80000.00  | -15.296367 | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | 50  | -80000.00  | -15.296367 | 20 | PASS |
| 11AC40SISO | Ant1 | 5270 | NV | -30 | -40000.00  | -7.590133  | 20 | PASS |
| 11AC40SISO | Ant1 | 5270 | NV | -20 | -80000.00  | -15.180266 | 20 | PASS |
| 11AC40SISO | Ant1 | 5270 | NV | -10 | -40000.00  | -7.590133  | 20 | PASS |
| 11AC40SISO | Ant1 | 5270 | NV | 0   | -40000.00  | -7.590133  | 20 | PASS |
| 11AC40SISO | Ant1 | 5270 | NV | 10  | -40000.00  | -7.590133  | 20 | PASS |
| 11AC40SISO | Ant1 | 5270 | NV | 20  | -40000.00  | -7.590133  | 20 | PASS |
| 11AC40SISO | Ant1 | 5270 | NV | 30  | -40000.00  | -7.590133  | 20 | PASS |
| 11AC40SISO | Ant1 | 5270 | NV | 40  | -40000.00  | -7.590133  | 20 | PASS |
| 11AC40SISO | Ant1 | 5270 | NV | 50  | -80000.00  | -15.180266 | 20 | PASS |
| 11AC40SISO | Ant1 | 5310 | NV | -30 | -80000.00  | -15.065913 | 20 | PASS |
| 11AC40SISO | Ant1 | 5310 | NV | -20 | -80000.00  | -15.065913 | 20 | PASS |
| 11AC40SISO | Ant1 | 5310 | NV | -10 | -80000.00  | -15.065913 | 20 | PASS |
| 11AC40SISO | Ant1 | 5310 | NV | 0   | -40000.00  | -7.532957  | 20 | PASS |
| 11AC40SISO | Ant1 | 5310 | NV | 10  | -80000.00  | -15.065913 | 20 | PASS |
| 11AC40SISO | Ant1 | 5310 | NV | 20  | -40000.00  | -7.532957  | 20 | PASS |

|            |      |      |    |     |           |            |    |      |
|------------|------|------|----|-----|-----------|------------|----|------|
| 11AC40SISO | Ant1 | 5310 | NV | 30  | -80000.00 | -15.065913 | 20 | PASS |
| 11AC40SISO | Ant1 | 5310 | NV | 40  | -40000.00 | -7.532957  | 20 | PASS |
| 11AC40SISO | Ant1 | 5310 | NV | 50  | -40000.00 | -7.532957  | 20 | PASS |
| 11AC40SISO | Ant1 | 5510 | NV | -30 | -40000.00 | -7.259528  | 20 | PASS |
| 11AC40SISO | Ant1 | 5510 | NV | -20 | -40000.00 | -7.259528  | 20 | PASS |
| 11AC40SISO | Ant1 | 5510 | NV | -10 | -40000.00 | -7.259528  | 20 | PASS |
| 11AC40SISO | Ant1 | 5510 | NV | 0   | -40000.00 | -7.259528  | 20 | PASS |
| 11AC40SISO | Ant1 | 5510 | NV | 10  | -40000.00 | -7.259528  | 20 | PASS |
| 11AC40SISO | Ant1 | 5510 | NV | 20  | -40000.00 | -7.259528  | 20 | PASS |
| 11AC40SISO | Ant1 | 5510 | NV | 30  | -80000.00 | -14.519056 | 20 | PASS |
| 11AC40SISO | Ant1 | 5510 | NV | 40  | -80000.00 | -14.519056 | 20 | PASS |
| 11AC40SISO | Ant1 | 5510 | NV | 50  | -80000.00 | -14.519056 | 20 | PASS |
| 11AC40SISO | Ant1 | 5550 | NV | -30 | -40000.00 | -7.207207  | 20 | PASS |
| 11AC40SISO | Ant1 | 5550 | NV | -20 | -40000.00 | -7.207207  | 20 | PASS |
| 11AC40SISO | Ant1 | 5550 | NV | -10 | -80000.00 | -14.414414 | 20 | PASS |
| 11AC40SISO | Ant1 | 5550 | NV | 0   | -40000.00 | -7.207207  | 20 | PASS |
| 11AC40SISO | Ant1 | 5550 | NV | 10  | -80000.00 | -14.414414 | 20 | PASS |
| 11AC40SISO | Ant1 | 5550 | NV | 20  | -80000.00 | -14.414414 | 20 | PASS |
| 11AC40SISO | Ant1 | 5550 | NV | 30  | -40000.00 | -7.207207  | 20 | PASS |
| 11AC40SISO | Ant1 | 5550 | NV | 40  | -80000.00 | -14.414414 | 20 | PASS |
| 11AC40SISO | Ant1 | 5550 | NV | 50  | -80000.00 | -14.414414 | 20 | PASS |
| 11AC40SISO | Ant1 | 5670 | NV | -30 | -80000.00 | -14.109347 | 20 | PASS |
| 11AC40SISO | Ant1 | 5670 | NV | -20 | -80000.00 | -14.109347 | 20 | PASS |
| 11AC40SISO | Ant1 | 5670 | NV | -10 | -40000.00 | -7.054674  | 20 | PASS |
| 11AC40SISO | Ant1 | 5670 | NV | 0   | -80000.00 | -14.109347 | 20 | PASS |
| 11AC40SISO | Ant1 | 5670 | NV | 10  | -80000.00 | -14.109347 | 20 | PASS |
| 11AC40SISO | Ant1 | 5670 | NV | 20  | -40000.00 | -7.054674  | 20 | PASS |
| 11AC40SISO | Ant1 | 5670 | NV | 30  | -40000.00 | -7.054674  | 20 | PASS |
| 11AC40SISO | Ant1 | 5670 | NV | 40  | -80000.00 | -14.109347 | 20 | PASS |
| 11AC40SISO | Ant1 | 5670 | NV | 50  | -80000.00 | -14.109347 | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | -30 | -80000.00 | -13.900956 | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | -20 | -80000.00 | -13.900956 | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | -10 | -80000.00 | -13.900956 | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | 0   | -80000.00 | -13.900956 | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | 10  | -80000.00 | -13.900956 | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | 20  | -80000.00 | -13.900956 | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | 30  | -80000.00 | -13.900956 | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | 40  | -80000.00 | -13.900956 | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | 50  | -40000.00 | -6.950478  | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | -30 | -80000.00 | -13.805004 | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | -20 | -80000.00 | -13.805004 | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | -10 | -80000.00 | -13.805004 | 20 | PASS |

|            |      |      |    |     |           |            |    |      |
|------------|------|------|----|-----|-----------|------------|----|------|
| 11AC40SISO | Ant1 | 5795 | NV | 0   | -80000.00 | -13.805004 | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | 10  | -80000.00 | -13.805004 | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | 20  | -80000.00 | -13.805004 | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | 30  | -80000.00 | -13.805004 | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | 40  | -80000.00 | -13.805004 | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | 50  | -40000.00 | -6.902502  | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | -30 | -60000.00 | -11.583012 | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | -20 | -60000.00 | -11.583012 | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | -10 | -60000.00 | -11.583012 | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | 0   | -60000.00 | -11.583012 | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | 10  | -60000.00 | -11.583012 | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | 20  | -60000.00 | -11.583012 | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | 30  | -60000.00 | -11.583012 | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | 40  | -60000.00 | -11.583012 | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | 50  | -60000.00 | -11.583012 | 20 | PASS |
| 11AX20SISO | Ant1 | 5220 | NV | -30 | -60000.00 | -11.494253 | 20 | PASS |
| 11AX20SISO | Ant1 | 5220 | NV | -20 | -60000.00 | -11.494253 | 20 | PASS |
| 11AX20SISO | Ant1 | 5220 | NV | -10 | -60000.00 | -11.494253 | 20 | PASS |
| 11AX20SISO | Ant1 | 5220 | NV | 0   | -60000.00 | -11.494253 | 20 | PASS |
| 11AX20SISO | Ant1 | 5220 | NV | 10  | -60000.00 | -11.494253 | 20 | PASS |
| 11AX20SISO | Ant1 | 5220 | NV | 20  | -60000.00 | -11.494253 | 20 | PASS |
| 11AX20SISO | Ant1 | 5220 | NV | 30  | -60000.00 | -11.494253 | 20 | PASS |
| 11AX20SISO | Ant1 | 5220 | NV | 40  | -60000.00 | -11.494253 | 20 | PASS |
| 11AX20SISO | Ant1 | 5220 | NV | 50  | -60000.00 | -11.494253 | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | -30 | -60000.00 | -11.450382 | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | -20 | -60000.00 | -11.450382 | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | -10 | -60000.00 | -11.450382 | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | 0   | -60000.00 | -11.450382 | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | 10  | -60000.00 | -11.450382 | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | 20  | -60000.00 | -11.450382 | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | 30  | -60000.00 | -11.450382 | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | 40  | -80000.00 | -15.267176 | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | 50  | -60000.00 | -11.450382 | 20 | PASS |
| 11AX20SISO | Ant1 | 5260 | NV | -30 | -60000.00 | -11.406844 | 20 | PASS |
| 11AX20SISO | Ant1 | 5260 | NV | -20 | -60000.00 | -11.406844 | 20 | PASS |
| 11AX20SISO | Ant1 | 5260 | NV | -10 | -60000.00 | -11.406844 | 20 | PASS |
| 11AX20SISO | Ant1 | 5260 | NV | 0   | -60000.00 | -11.406844 | 20 | PASS |
| 11AX20SISO | Ant1 | 5260 | NV | 10  | -60000.00 | -11.406844 | 20 | PASS |
| 11AX20SISO | Ant1 | 5260 | NV | 20  | -60000.00 | -11.406844 | 20 | PASS |
| 11AX20SISO | Ant1 | 5260 | NV | 30  | -60000.00 | -11.406844 | 20 | PASS |
| 11AX20SISO | Ant1 | 5260 | NV | 40  | -60000.00 | -11.406844 | 20 | PASS |
| 11AX20SISO | Ant1 | 5260 | NV | 50  | -60000.00 | -11.406844 | 20 | PASS |

|            |      |      |    |     |            |            |    |      |
|------------|------|------|----|-----|------------|------------|----|------|
| 11AX20SISO | Ant1 | 5300 | NV | -30 | -100000.00 | -18.867925 | 20 | PASS |
| 11AX20SISO | Ant1 | 5300 | NV | -20 | -100000.00 | -18.867925 | 20 | PASS |
| 11AX20SISO | Ant1 | 5300 | NV | -10 | -100000.00 | -18.867925 | 20 | PASS |
| 11AX20SISO | Ant1 | 5300 | NV | 0   | -100000.00 | -18.867925 | 20 | PASS |
| 11AX20SISO | Ant1 | 5300 | NV | 10  | -100000.00 | -18.867925 | 20 | PASS |
| 11AX20SISO | Ant1 | 5300 | NV | 20  | -100000.00 | -18.867925 | 20 | PASS |
| 11AX20SISO | Ant1 | 5300 | NV | 30  | -100000.00 | -18.867925 | 20 | PASS |
| 11AX20SISO | Ant1 | 5300 | NV | 40  | -100000.00 | -18.867925 | 20 | PASS |
| 11AX20SISO | Ant1 | 5300 | NV | 50  | -100000.00 | -18.867925 | 20 | PASS |
| 11AX20SISO | Ant1 | 5320 | NV | -30 | -60000.00  | -11.278195 | 20 | PASS |
| 11AX20SISO | Ant1 | 5320 | NV | -20 | -60000.00  | -11.278195 | 20 | PASS |
| 11AX20SISO | Ant1 | 5320 | NV | -10 | -60000.00  | -11.278195 | 20 | PASS |
| 11AX20SISO | Ant1 | 5320 | NV | 0   | -60000.00  | -11.278195 | 20 | PASS |
| 11AX20SISO | Ant1 | 5320 | NV | 10  | -60000.00  | -11.278195 | 20 | PASS |
| 11AX20SISO | Ant1 | 5320 | NV | 20  | -60000.00  | -11.278195 | 20 | PASS |
| 11AX20SISO | Ant1 | 5320 | NV | 30  | -60000.00  | -11.278195 | 20 | PASS |
| 11AX20SISO | Ant1 | 5320 | NV | 40  | -60000.00  | -11.278195 | 20 | PASS |
| 11AX20SISO | Ant1 | 5320 | NV | 50  | -60000.00  | -11.278195 | 20 | PASS |
| 11AX20SISO | Ant1 | 5500 | NV | -30 | -80000.00  | -14.545455 | 20 | PASS |
| 11AX20SISO | Ant1 | 5500 | NV | -20 | -80000.00  | -14.545455 | 20 | PASS |
| 11AX20SISO | Ant1 | 5500 | NV | -10 | -60000.00  | -10.909091 | 20 | PASS |
| 11AX20SISO | Ant1 | 5500 | NV | 0   | -60000.00  | -10.909091 | 20 | PASS |
| 11AX20SISO | Ant1 | 5500 | NV | 10  | -60000.00  | -10.909091 | 20 | PASS |
| 11AX20SISO | Ant1 | 5500 | NV | 20  | -60000.00  | -10.909091 | 20 | PASS |
| 11AX20SISO | Ant1 | 5500 | NV | 30  | -60000.00  | -10.909091 | 20 | PASS |
| 11AX20SISO | Ant1 | 5500 | NV | 40  | -60000.00  | -10.909091 | 20 | PASS |
| 11AX20SISO | Ant1 | 5500 | NV | 50  | -60000.00  | -10.909091 | 20 | PASS |
| 11AX20SISO | Ant1 | 5580 | NV | -30 | -80000.00  | -14.336918 | 20 | PASS |
| 11AX20SISO | Ant1 | 5580 | NV | -20 | -80000.00  | -14.336918 | 20 | PASS |
| 11AX20SISO | Ant1 | 5580 | NV | -10 | -60000.00  | -10.752688 | 20 | PASS |
| 11AX20SISO | Ant1 | 5580 | NV | 0   | -80000.00  | -14.336918 | 20 | PASS |
| 11AX20SISO | Ant1 | 5580 | NV | 10  | -60000.00  | -10.752688 | 20 | PASS |
| 11AX20SISO | Ant1 | 5580 | NV | 20  | -60000.00  | -10.752688 | 20 | PASS |
| 11AX20SISO | Ant1 | 5580 | NV | 30  | -60000.00  | -10.752688 | 20 | PASS |
| 11AX20SISO | Ant1 | 5580 | NV | 40  | -60000.00  | -10.752688 | 20 | PASS |
| 11AX20SISO | Ant1 | 5580 | NV | 50  | -80000.00  | -14.336918 | 20 | PASS |
| 11AX20SISO | Ant1 | 5700 | NV | -30 | -80000.00  | -14.035088 | 20 | PASS |
| 11AX20SISO | Ant1 | 5700 | NV | -20 | -80000.00  | -14.035088 | 20 | PASS |
| 11AX20SISO | Ant1 | 5700 | NV | -10 | -60000.00  | -10.526316 | 20 | PASS |
| 11AX20SISO | Ant1 | 5700 | NV | 0   | -60000.00  | -10.526316 | 20 | PASS |
| 11AX20SISO | Ant1 | 5700 | NV | 10  | -80000.00  | -14.035088 | 20 | PASS |
| 11AX20SISO | Ant1 | 5700 | NV | 20  | -80000.00  | -14.035088 | 20 | PASS |

|            |      |      |    |     |            |            |    |      |
|------------|------|------|----|-----|------------|------------|----|------|
| 11AX20SISO | Ant1 | 5700 | NV | 30  | -80000.00  | -14.035088 | 20 | PASS |
| 11AX20SISO | Ant1 | 5700 | NV | 40  | -80000.00  | -14.035088 | 20 | PASS |
| 11AX20SISO | Ant1 | 5700 | NV | 50  | -80000.00  | -14.035088 | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | -30 | -100000.00 | -17.406440 | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | -20 | -80000.00  | -13.925152 | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | -10 | -80000.00  | -13.925152 | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | 0   | -80000.00  | -13.925152 | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | 10  | -80000.00  | -13.925152 | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | 20  | -80000.00  | -13.925152 | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | 30  | -80000.00  | -13.925152 | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | 40  | -100000.00 | -17.406440 | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | 50  | -100000.00 | -17.406440 | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | -30 | -80000.00  | -13.828868 | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | -20 | -100000.00 | -17.286085 | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | -10 | -60000.00  | -10.371651 | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | 0   | -80000.00  | -13.828868 | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | 10  | -60000.00  | -10.371651 | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | 20  | -80000.00  | -13.828868 | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | 30  | -100000.00 | -17.286085 | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | 40  | -80000.00  | -13.828868 | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | 50  | -100000.00 | -17.286085 | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | -30 | -100000.00 | -17.167382 | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | -20 | -100000.00 | -17.167382 | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | -10 | -100000.00 | -17.167382 | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | 0   | -100000.00 | -17.167382 | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | 10  | -100000.00 | -17.167382 | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | 20  | -100000.00 | -17.167382 | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | 30  | -100000.00 | -17.167382 | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | 40  | -80000.00  | -13.733906 | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | 50  | -80000.00  | -13.733906 | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | -30 | -80000.00  | -15.414258 | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | -20 | -80000.00  | -15.414258 | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | -10 | -80000.00  | -15.414258 | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | 0   | -80000.00  | -15.414258 | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | 10  | -80000.00  | -15.414258 | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | 20  | -80000.00  | -15.414258 | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | 30  | -80000.00  | -15.414258 | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | 40  | -80000.00  | -15.414258 | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | 50  | -80000.00  | -15.414258 | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | -30 | -80000.00  | -15.296367 | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | -20 | -80000.00  | -15.296367 | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | -10 | -80000.00  | -15.296367 | 20 | PASS |

|            |      |      |    |     |           |            |    |      |
|------------|------|------|----|-----|-----------|------------|----|------|
| 11AX40SISO | Ant1 | 5230 | NV | 0   | -80000.00 | -15.296367 | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | 10  | -80000.00 | -15.296367 | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | 20  | -80000.00 | -15.296367 | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | 30  | -80000.00 | -15.296367 | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | 40  | -80000.00 | -15.296367 | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | 50  | -80000.00 | -15.296367 | 20 | PASS |
| 11AX40SISO | Ant1 | 5270 | NV | -30 | -80000.00 | -15.180266 | 20 | PASS |
| 11AX40SISO | Ant1 | 5270 | NV | -20 | -80000.00 | -15.180266 | 20 | PASS |
| 11AX40SISO | Ant1 | 5270 | NV | -10 | -80000.00 | -15.180266 | 20 | PASS |
| 11AX40SISO | Ant1 | 5270 | NV | 0   | -80000.00 | -15.180266 | 20 | PASS |
| 11AX40SISO | Ant1 | 5270 | NV | 10  | -80000.00 | -15.180266 | 20 | PASS |
| 11AX40SISO | Ant1 | 5270 | NV | 20  | -80000.00 | -15.180266 | 20 | PASS |
| 11AX40SISO | Ant1 | 5270 | NV | 30  | -80000.00 | -15.180266 | 20 | PASS |
| 11AX40SISO | Ant1 | 5270 | NV | 40  | -80000.00 | -15.180266 | 20 | PASS |
| 11AX40SISO | Ant1 | 5270 | NV | 50  | -80000.00 | -15.180266 | 20 | PASS |
| 11AX40SISO | Ant1 | 5310 | NV | -30 | -80000.00 | -15.065913 | 20 | PASS |
| 11AX40SISO | Ant1 | 5310 | NV | -20 | -80000.00 | -15.065913 | 20 | PASS |
| 11AX40SISO | Ant1 | 5310 | NV | -10 | -80000.00 | -15.065913 | 20 | PASS |
| 11AX40SISO | Ant1 | 5310 | NV | 0   | -80000.00 | -15.065913 | 20 | PASS |
| 11AX40SISO | Ant1 | 5310 | NV | 10  | -80000.00 | -15.065913 | 20 | PASS |
| 11AX40SISO | Ant1 | 5310 | NV | 20  | -80000.00 | -15.065913 | 20 | PASS |
| 11AX40SISO | Ant1 | 5310 | NV | 30  | -80000.00 | -15.065913 | 20 | PASS |
| 11AX40SISO | Ant1 | 5310 | NV | 40  | -80000.00 | -15.065913 | 20 | PASS |
| 11AX40SISO | Ant1 | 5310 | NV | 50  | -80000.00 | -15.065913 | 20 | PASS |
| 11AX40SISO | Ant1 | 5510 | NV | -30 | -80000.00 | -14.519056 | 20 | PASS |
| 11AX40SISO | Ant1 | 5510 | NV | -20 | -80000.00 | -14.519056 | 20 | PASS |
| 11AX40SISO | Ant1 | 5510 | NV | -10 | -80000.00 | -14.519056 | 20 | PASS |
| 11AX40SISO | Ant1 | 5510 | NV | 0   | -80000.00 | -14.519056 | 20 | PASS |
| 11AX40SISO | Ant1 | 5510 | NV | 10  | -80000.00 | -14.519056 | 20 | PASS |
| 11AX40SISO | Ant1 | 5510 | NV | 20  | -80000.00 | -14.519056 | 20 | PASS |
| 11AX40SISO | Ant1 | 5510 | NV | 30  | -80000.00 | -14.519056 | 20 | PASS |
| 11AX40SISO | Ant1 | 5510 | NV | 40  | -80000.00 | -14.519056 | 20 | PASS |
| 11AX40SISO | Ant1 | 5510 | NV | 50  | -80000.00 | -14.519056 | 20 | PASS |
| 11AX40SISO | Ant1 | 5550 | NV | -30 | -80000.00 | -14.414414 | 20 | PASS |
| 11AX40SISO | Ant1 | 5550 | NV | -20 | -80000.00 | -14.414414 | 20 | PASS |
| 11AX40SISO | Ant1 | 5550 | NV | -10 | -80000.00 | -14.414414 | 20 | PASS |
| 11AX40SISO | Ant1 | 5550 | NV | 0   | -80000.00 | -14.414414 | 20 | PASS |
| 11AX40SISO | Ant1 | 5550 | NV | 10  | -80000.00 | -14.414414 | 20 | PASS |
| 11AX40SISO | Ant1 | 5550 | NV | 20  | -80000.00 | -14.414414 | 20 | PASS |
| 11AX40SISO | Ant1 | 5550 | NV | 30  | -80000.00 | -14.414414 | 20 | PASS |
| 11AX40SISO | Ant1 | 5550 | NV | 40  | -80000.00 | -14.414414 | 20 | PASS |
| 11AX40SISO | Ant1 | 5550 | NV | 50  | -80000.00 | -14.414414 | 20 | PASS |

|            |      |      |    |     |           |            |    |      |
|------------|------|------|----|-----|-----------|------------|----|------|
| 11AX40SISO | Ant1 | 5670 | NV | -30 | -80000.00 | -14.109347 | 20 | PASS |
| 11AX40SISO | Ant1 | 5670 | NV | -20 | -80000.00 | -14.109347 | 20 | PASS |
| 11AX40SISO | Ant1 | 5670 | NV | -10 | -80000.00 | -14.109347 | 20 | PASS |
| 11AX40SISO | Ant1 | 5670 | NV | 0   | -80000.00 | -14.109347 | 20 | PASS |
| 11AX40SISO | Ant1 | 5670 | NV | 10  | -80000.00 | -14.109347 | 20 | PASS |
| 11AX40SISO | Ant1 | 5670 | NV | 20  | -80000.00 | -14.109347 | 20 | PASS |
| 11AX40SISO | Ant1 | 5670 | NV | 30  | -80000.00 | -14.109347 | 20 | PASS |
| 11AX40SISO | Ant1 | 5670 | NV | 40  | -80000.00 | -14.109347 | 20 | PASS |
| 11AX40SISO | Ant1 | 5670 | NV | 50  | -80000.00 | -14.109347 | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | -30 | -80000.00 | -13.900956 | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | -20 | -80000.00 | -13.900956 | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | -10 | -80000.00 | -13.900956 | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | 0   | -80000.00 | -13.900956 | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | 10  | -80000.00 | -13.900956 | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | 20  | -80000.00 | -13.900956 | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | 30  | -80000.00 | -13.900956 | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | 40  | -80000.00 | -13.900956 | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | 50  | -80000.00 | -13.900956 | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | -30 | -80000.00 | -13.805004 | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | -20 | -80000.00 | -13.805004 | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | -10 | -80000.00 | -13.805004 | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | 0   | -80000.00 | -13.805004 | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | 10  | -80000.00 | -13.805004 | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | 20  | -80000.00 | -13.805004 | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | 30  | -80000.00 | -13.805004 | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | 40  | -80000.00 | -13.805004 | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | 50  | -80000.00 | -13.805004 | 20 | PASS |

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