

## Appendix D: Maximum power spectral density

### Test Result

| TestMode  | Antenna | Frequency[MHz] | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|-----------|---------|----------------|------------------|----------------|---------|
| 11A       | Ant2    | 5180           | 0.89             | ≤11.00         | PASS    |
| 11A       | Ant1    | 5180           | 0.93             | ≤11.00         | PASS    |
| 11A       | Ant2    | 5200           | 0.89             | ≤11.00         | PASS    |
| 11A       | Ant1    | 5200           | 0.96             | ≤11.00         | PASS    |
| 11A       | Ant2    | 5240           | 0.79             | ≤11.00         | PASS    |
| 11A       | Ant1    | 5240           | 1.03             | ≤11.00         | PASS    |
| 11A       | Ant2    | 5260           | 0.70             | ≤11.00         | PASS    |
| 11A       | Ant1    | 5260           | 1.08             | ≤11.00         | PASS    |
| 11A       | Ant2    | 5300           | 0.80             | ≤11.00         | PASS    |
| 11A       | Ant1    | 5300           | 1.05             | ≤11.00         | PASS    |
| 11A       | Ant2    | 5320           | 0.74             | ≤11.00         | PASS    |
| 11A       | Ant1    | 5320           | 0.79             | ≤11.00         | PASS    |
| 11A       | Ant2    | 5500           | 0.85             | ≤11.00         | PASS    |
| 11A       | Ant1    | 5500           | 1.32             | ≤11.00         | PASS    |
| 11A       | Ant2    | 5580           | 0.77             | ≤11.00         | PASS    |
| 11A       | Ant1    | 5580           | 1.16             | ≤11.00         | PASS    |
| 11A       | Ant2    | 5700           | 1.08             | ≤11.00         | PASS    |
| 11A       | Ant1    | 5700           | 0.07             | ≤11.00         | PASS    |
| 11A       | Ant2    | 5745           | -2.23            | ≤30.00         | PASS    |
| 11A       | Ant1    | 5745           | -3.10            | ≤30.00         | PASS    |
| 11A       | Ant2    | 5785           | -2.16            | ≤30.00         | PASS    |
| 11A       | Ant1    | 5785           | -2.90            | ≤30.00         | PASS    |
| 11A       | Ant2    | 5825           | -1.38            | ≤30.00         | PASS    |
| 11A       | Ant1    | 5825           | -2.86            | ≤30.00         | PASS    |
| 11N20SISO | Ant2    | 5180           | -0.53            | ≤11.00         | PASS    |
| 11N20SISO | Ant1    | 5180           | -0.31            | ≤11.00         | PASS    |
| 11N20SISO | Ant2    | 5200           | -0.48            | ≤11.00         | PASS    |
| 11N20SISO | Ant1    | 5200           | -0.17            | ≤11.00         | PASS    |
| 11N20SISO | Ant2    | 5240           | -0.16            | ≤11.00         | PASS    |
| 11N20SISO | Ant1    | 5240           | -0.37            | ≤11.00         | PASS    |
| 11N20SISO | Ant2    | 5260           | -0.06            | ≤11.00         | PASS    |
| 11N20SISO | Ant1    | 5260           | -0.21            | ≤11.00         | PASS    |
| 11N20SISO | Ant2    | 5300           | -0.03            | ≤11.00         | PASS    |
| 11N20SISO | Ant1    | 5300           | -0.26            | ≤11.00         | PASS    |

|            |      |      |       |        |      |
|------------|------|------|-------|--------|------|
| 11N20SISO  | Ant2 | 5320 | -0.11 | ≤11.00 | PASS |
| 11N20SISO  | Ant1 | 5320 | -0.45 | ≤11.00 | PASS |
| 11N20SISO  | Ant2 | 5500 | 0.29  | ≤11.00 | PASS |
| 11N20SISO  | Ant1 | 5500 | -0.13 | ≤11.00 | PASS |
| 11N20SISO  | Ant2 | 5580 | 0.05  | ≤11.00 | PASS |
| 11N20SISO  | Ant1 | 5580 | -0.29 | ≤11.00 | PASS |
| 11N20SISO  | Ant2 | 5700 | -0.29 | ≤11.00 | PASS |
| 11N20SISO  | Ant1 | 5700 | -0.15 | ≤11.00 | PASS |
| 11N20SISO  | Ant2 | 5745 | -3.36 | ≤30.00 | PASS |
| 11N20SISO  | Ant1 | 5745 | -4.38 | ≤30.00 | PASS |
| 11N20SISO  | Ant2 | 5785 | -3.33 | ≤30.00 | PASS |
| 11N20SISO  | Ant1 | 5785 | -3.72 | ≤30.00 | PASS |
| 11N20SISO  | Ant2 | 5825 | -2.69 | ≤30.00 | PASS |
| 11N20SISO  | Ant1 | 5825 | -3.45 | ≤30.00 | PASS |
| 11N40SISO  | Ant2 | 5190 | -3.64 | ≤11.00 | PASS |
| 11N40SISO  | Ant1 | 5190 | -3.30 | ≤11.00 | PASS |
| 11N40SISO  | Ant2 | 5230 | -3.83 | ≤11.00 | PASS |
| 11N40SISO  | Ant1 | 5230 | -3.49 | ≤11.00 | PASS |
| 11N40SISO  | Ant2 | 5270 | -3.96 | ≤11.00 | PASS |
| 11N40SISO  | Ant1 | 5270 | -3.60 | ≤11.00 | PASS |
| 11N40SISO  | Ant2 | 5310 | -3.85 | ≤11.00 | PASS |
| 11N40SISO  | Ant1 | 5310 | -3.55 | ≤11.00 | PASS |
| 11N40SISO  | Ant2 | 5510 | -3.40 | ≤11.00 | PASS |
| 11N40SISO  | Ant1 | 5510 | -3.07 | ≤11.00 | PASS |
| 11N40SISO  | Ant2 | 5550 | -3.47 | ≤11.00 | PASS |
| 11N40SISO  | Ant1 | 5550 | -3.45 | ≤11.00 | PASS |
| 11N40SISO  | Ant2 | 5670 | -3.55 | ≤11.00 | PASS |
| 11N40SISO  | Ant1 | 5670 | -3.59 | ≤11.00 | PASS |
| 11N40SISO  | Ant2 | 5755 | -6.39 | ≤30.00 | PASS |
| 11N40SISO  | Ant1 | 5755 | -6.90 | ≤30.00 | PASS |
| 11N40SISO  | Ant2 | 5795 | -6.25 | ≤30.00 | PASS |
| 11N40SISO  | Ant1 | 5795 | -6.90 | ≤30.00 | PASS |
| 11AC20SISO | Ant2 | 5180 | -0.05 | ≤11.00 | PASS |
| 11AC20SISO | Ant1 | 5180 | 0.18  | ≤11.00 | PASS |
| 11AC20SISO | Ant2 | 5200 | -0.13 | ≤11.00 | PASS |
| 11AC20SISO | Ant1 | 5200 | 0.23  | ≤11.00 | PASS |
| 11AC20SISO | Ant2 | 5240 | -0.30 | ≤11.00 | PASS |
| 11AC20SISO | Ant1 | 5240 | 0.27  | ≤11.00 | PASS |
| 11AC20SISO | Ant2 | 5260 | -0.33 | ≤11.00 | PASS |

|            |      |      |       |        |      |
|------------|------|------|-------|--------|------|
| 11AC20SISO | Ant1 | 5260 | 0.06  | ≤11.00 | PASS |
| 11AC20SISO | Ant2 | 5300 | -0.31 | ≤11.00 | PASS |
| 11AC20SISO | Ant1 | 5300 | -0.03 | ≤11.00 | PASS |
| 11AC20SISO | Ant2 | 5320 | -0.24 | ≤11.00 | PASS |
| 11AC20SISO | Ant1 | 5320 | -0.07 | ≤11.00 | PASS |
| 11AC20SISO | Ant2 | 5500 | -0.15 | ≤11.00 | PASS |
| 11AC20SISO | Ant1 | 5500 | 0.05  | ≤11.00 | PASS |
| 11AC20SISO | Ant2 | 5580 | -0.24 | ≤11.00 | PASS |
| 11AC20SISO | Ant1 | 5580 | -0.20 | ≤11.00 | PASS |
| 11AC20SISO | Ant2 | 5700 | -0.52 | ≤11.00 | PASS |
| 11AC20SISO | Ant1 | 5700 | -0.15 | ≤11.00 | PASS |
| 11AC20SISO | Ant2 | 5745 | -3.31 | ≤30.00 | PASS |
| 11AC20SISO | Ant1 | 5745 | -4.30 | ≤30.00 | PASS |
| 11AC20SISO | Ant2 | 5785 | -3.25 | ≤30.00 | PASS |
| 11AC20SISO | Ant1 | 5785 | -3.67 | ≤30.00 | PASS |
| 11AC20SISO | Ant2 | 5825 | -3.20 | ≤30.00 | PASS |
| 11AC20SISO | Ant1 | 5825 | -4.03 | ≤30.00 | PASS |
| 11AC40SISO | Ant2 | 5190 | -3.02 | ≤11.00 | PASS |
| 11AC40SISO | Ant1 | 5190 | -3.55 | ≤11.00 | PASS |
| 11AC40SISO | Ant2 | 5230 | -3.30 | ≤11.00 | PASS |
| 11AC40SISO | Ant1 | 5230 | -3.49 | ≤11.00 | PASS |
| 11AC40SISO | Ant2 | 5270 | -3.53 | ≤11.00 | PASS |
| 11AC40SISO | Ant1 | 5270 | -3.50 | ≤11.00 | PASS |
| 11AC40SISO | Ant2 | 5310 | -3.46 | ≤11.00 | PASS |
| 11AC40SISO | Ant1 | 5310 | -3.68 | ≤11.00 | PASS |
| 11AC40SISO | Ant2 | 5510 | -3.13 | ≤11.00 | PASS |
| 11AC40SISO | Ant1 | 5510 | -3.32 | ≤11.00 | PASS |
| 11AC40SISO | Ant2 | 5550 | -3.45 | ≤11.00 | PASS |
| 11AC40SISO | Ant1 | 5550 | -3.65 | ≤11.00 | PASS |
| 11AC40SISO | Ant2 | 5670 | -3.83 | ≤11.00 | PASS |
| 11AC40SISO | Ant1 | 5670 | -3.50 | ≤11.00 | PASS |
| 11AC40SISO | Ant2 | 5755 | -6.71 | ≤30.00 | PASS |
| 11AC40SISO | Ant1 | 5755 | -6.99 | ≤30.00 | PASS |
| 11AC40SISO | Ant2 | 5795 | -6.32 | ≤30.00 | PASS |
| 11AC40SISO | Ant1 | 5795 | -7.03 | ≤30.00 | PASS |
| 11AC80SISO | Ant2 | 5210 | -7.10 | ≤11.00 | PASS |
| 11AC80SISO | Ant1 | 5210 | -7.32 | ≤11.00 | PASS |
| 11AC80SISO | Ant2 | 5290 | -7.40 | ≤11.00 | PASS |
| 11AC80SISO | Ant1 | 5290 | -7.64 | ≤11.00 | PASS |

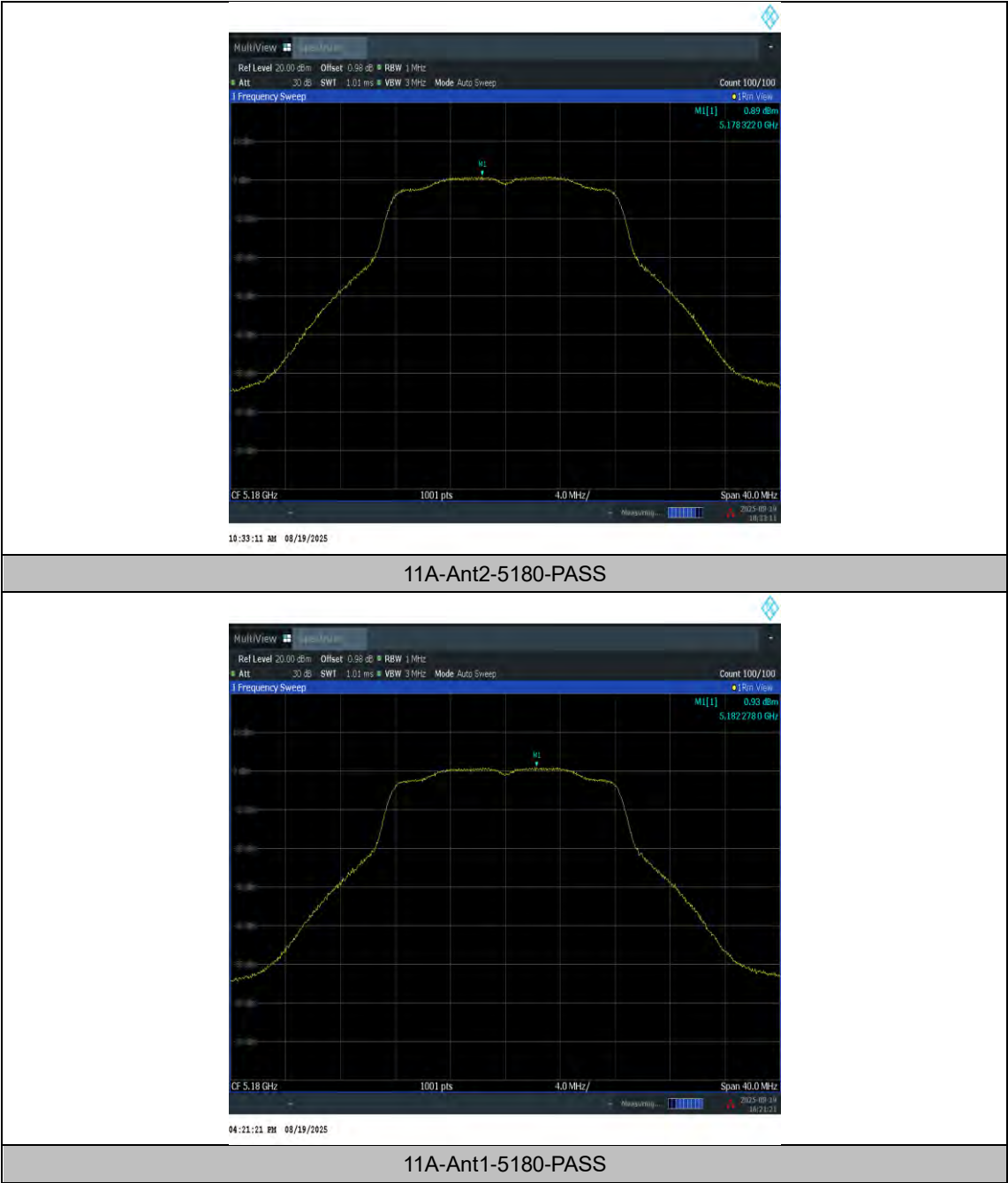
|            |      |      |        |        |      |
|------------|------|------|--------|--------|------|
| 11AC80SISO | Ant2 | 5530 | -7.17  | ≤11.00 | PASS |
| 11AC80SISO | Ant1 | 5530 | -7.49  | ≤11.00 | PASS |
| 11AC80SISO | Ant2 | 5610 | -7.29  | ≤11.00 | PASS |
| 11AC80SISO | Ant1 | 5610 | -7.50  | ≤11.00 | PASS |
| 11AC80SISO | Ant2 | 5775 | -10.42 | ≤30.00 | PASS |
| 11AC80SISO | Ant1 | 5775 | -10.22 | ≤30.00 | PASS |
| 11AX20SISO | Ant2 | 5180 | -0.38  | ≤11.00 | PASS |
| 11AX20SISO | Ant1 | 5180 | -0.81  | ≤11.00 | PASS |
| 11AX20SISO | Ant2 | 5200 | -0.43  | ≤11.00 | PASS |
| 11AX20SISO | Ant1 | 5200 | -0.59  | ≤11.00 | PASS |
| 11AX20SISO | Ant2 | 5240 | -0.65  | ≤11.00 | PASS |
| 11AX20SISO | Ant1 | 5240 | -0.74  | ≤11.00 | PASS |
| 11AX20SISO | Ant2 | 5260 | -0.72  | ≤11.00 | PASS |
| 11AX20SISO | Ant1 | 5260 | -0.31  | ≤11.00 | PASS |
| 11AX20SISO | Ant2 | 5300 | -0.35  | ≤11.00 | PASS |
| 11AX20SISO | Ant1 | 5300 | -0.24  | ≤11.00 | PASS |
| 11AX20SISO | Ant2 | 5320 | -0.60  | ≤11.00 | PASS |
| 11AX20SISO | Ant1 | 5320 | -0.22  | ≤11.00 | PASS |
| 11AX20SISO | Ant2 | 5500 | -0.41  | ≤11.00 | PASS |
| 11AX20SISO | Ant1 | 5500 | 0.03   | ≤11.00 | PASS |
| 11AX20SISO | Ant2 | 5580 | -0.63  | ≤11.00 | PASS |
| 11AX20SISO | Ant1 | 5580 | -0.07  | ≤11.00 | PASS |
| 11AX20SISO | Ant2 | 5700 | -1.31  | ≤11.00 | PASS |
| 11AX20SISO | Ant1 | 5700 | -0.43  | ≤11.00 | PASS |
| 11AX20SISO | Ant2 | 5745 | -3.73  | ≤30.00 | PASS |
| 11AX20SISO | Ant1 | 5745 | -4.65  | ≤30.00 | PASS |
| 11AX20SISO | Ant2 | 5785 | -3.37  | ≤30.00 | PASS |
| 11AX20SISO | Ant1 | 5785 | -4.13  | ≤30.00 | PASS |
| 11AX20SISO | Ant2 | 5825 | -2.73  | ≤30.00 | PASS |
| 11AX20SISO | Ant1 | 5825 | -3.94  | ≤30.00 | PASS |
| 11AX40SISO | Ant2 | 5190 | -3.71  | ≤11.00 | PASS |
| 11AX40SISO | Ant1 | 5190 | -4.02  | ≤11.00 | PASS |
| 11AX40SISO | Ant2 | 5230 | -3.80  | ≤11.00 | PASS |
| 11AX40SISO | Ant1 | 5230 | -3.92  | ≤11.00 | PASS |
| 11AX40SISO | Ant2 | 5270 | -3.89  | ≤11.00 | PASS |
| 11AX40SISO | Ant1 | 5270 | -4.12  | ≤11.00 | PASS |
| 11AX40SISO | Ant2 | 5310 | -3.92  | ≤11.00 | PASS |
| 11AX40SISO | Ant1 | 5310 | -3.37  | ≤11.00 | PASS |
| 11AX40SISO | Ant2 | 5510 | -3.59  | ≤11.00 | PASS |

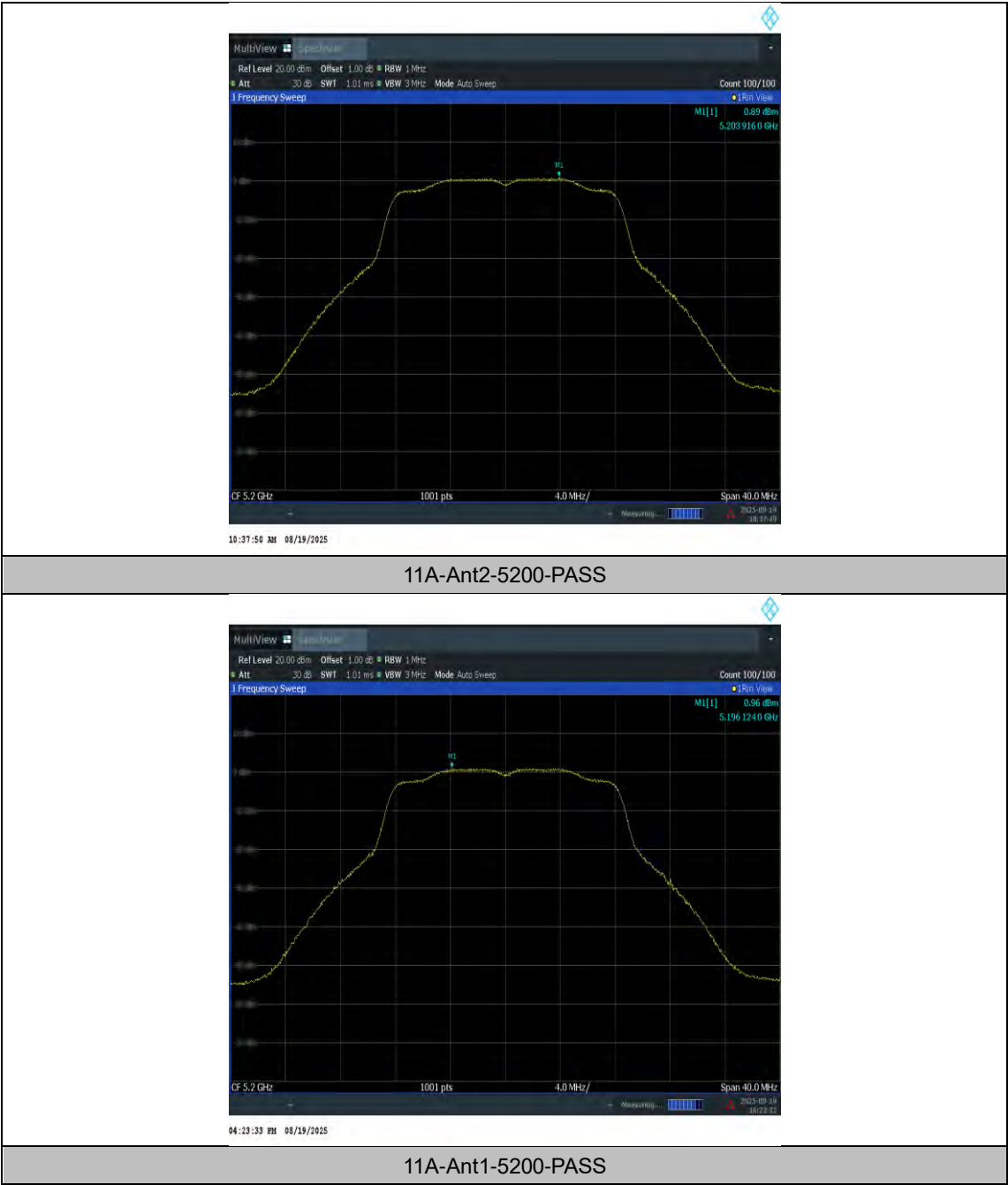
|            |      |      |        |        |      |
|------------|------|------|--------|--------|------|
| 11AX40SISO | Ant1 | 5510 | -3.70  | ≤11.00 | PASS |
| 11AX40SISO | Ant2 | 5550 | -3.77  | ≤11.00 | PASS |
| 11AX40SISO | Ant1 | 5550 | -4.05  | ≤11.00 | PASS |
| 11AX40SISO | Ant2 | 5670 | -3.96  | ≤11.00 | PASS |
| 11AX40SISO | Ant1 | 5670 | -4.09  | ≤11.00 | PASS |
| 11AX40SISO | Ant2 | 5755 | -6.57  | ≤30.00 | PASS |
| 11AX40SISO | Ant1 | 5755 | -7.29  | ≤30.00 | PASS |
| 11AX40SISO | Ant2 | 5795 | -6.39  | ≤30.00 | PASS |
| 11AX40SISO | Ant1 | 5795 | -6.89  | ≤30.00 | PASS |
| 11AX80SISO | Ant2 | 5210 | -7.63  | ≤11.00 | PASS |
| 11AX80SISO | Ant1 | 5210 | -7.67  | ≤11.00 | PASS |
| 11AX80SISO | Ant2 | 5290 | -7.67  | ≤11.00 | PASS |
| 11AX80SISO | Ant1 | 5290 | -7.84  | ≤11.00 | PASS |
| 11AX80SISO | Ant2 | 5530 | -7.72  | ≤11.00 | PASS |
| 11AX80SISO | Ant1 | 5530 | -7.69  | ≤11.00 | PASS |
| 11AX80SISO | Ant2 | 5610 | -7.59  | ≤11.00 | PASS |
| 11AX80SISO | Ant1 | 5610 | -7.82  | ≤11.00 | PASS |
| 11AX80SISO | Ant2 | 5775 | -10.33 | ≤30.00 | PASS |
| 11AX80SISO | Ant1 | 5775 | -10.70 | ≤30.00 | PASS |

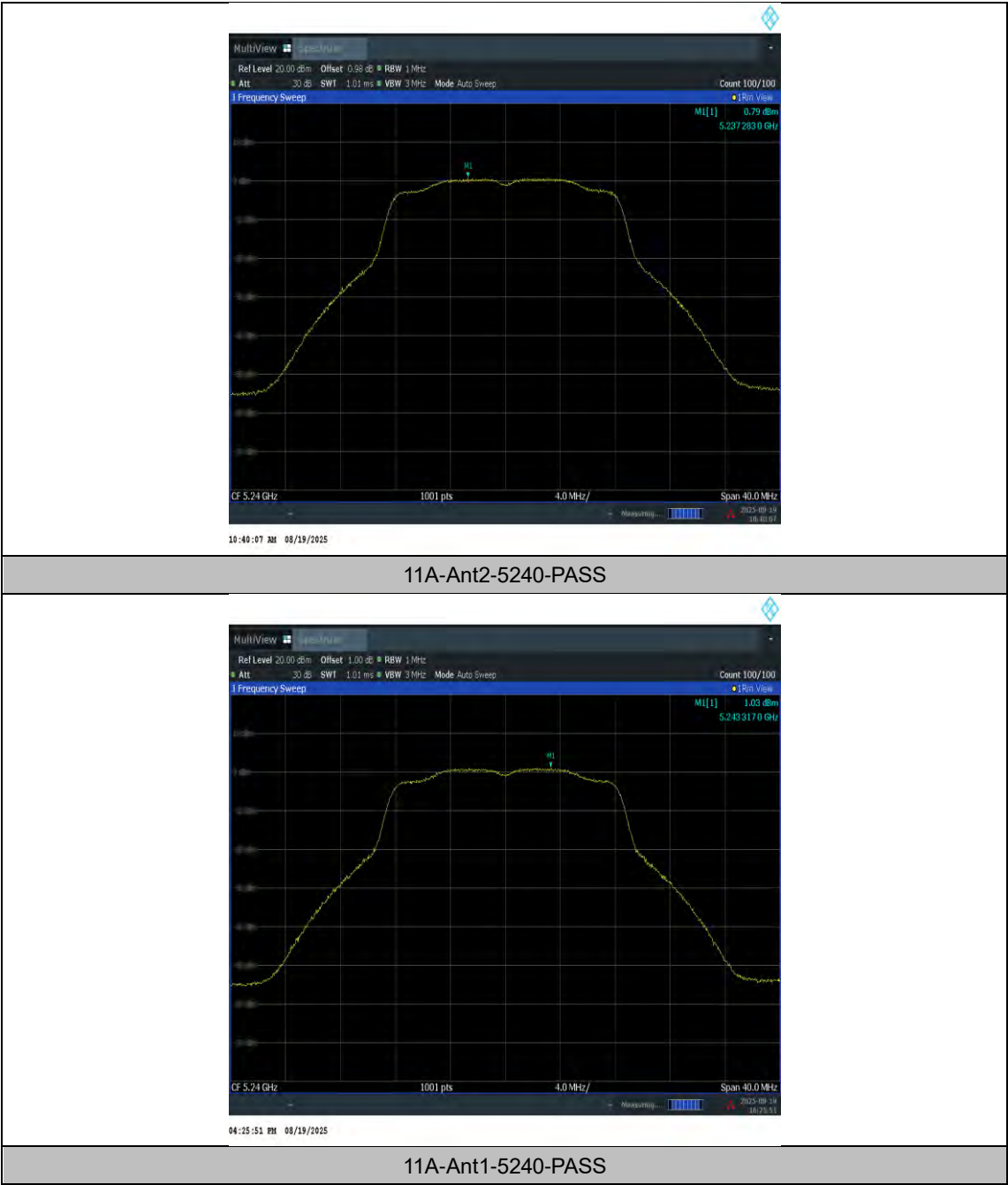
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

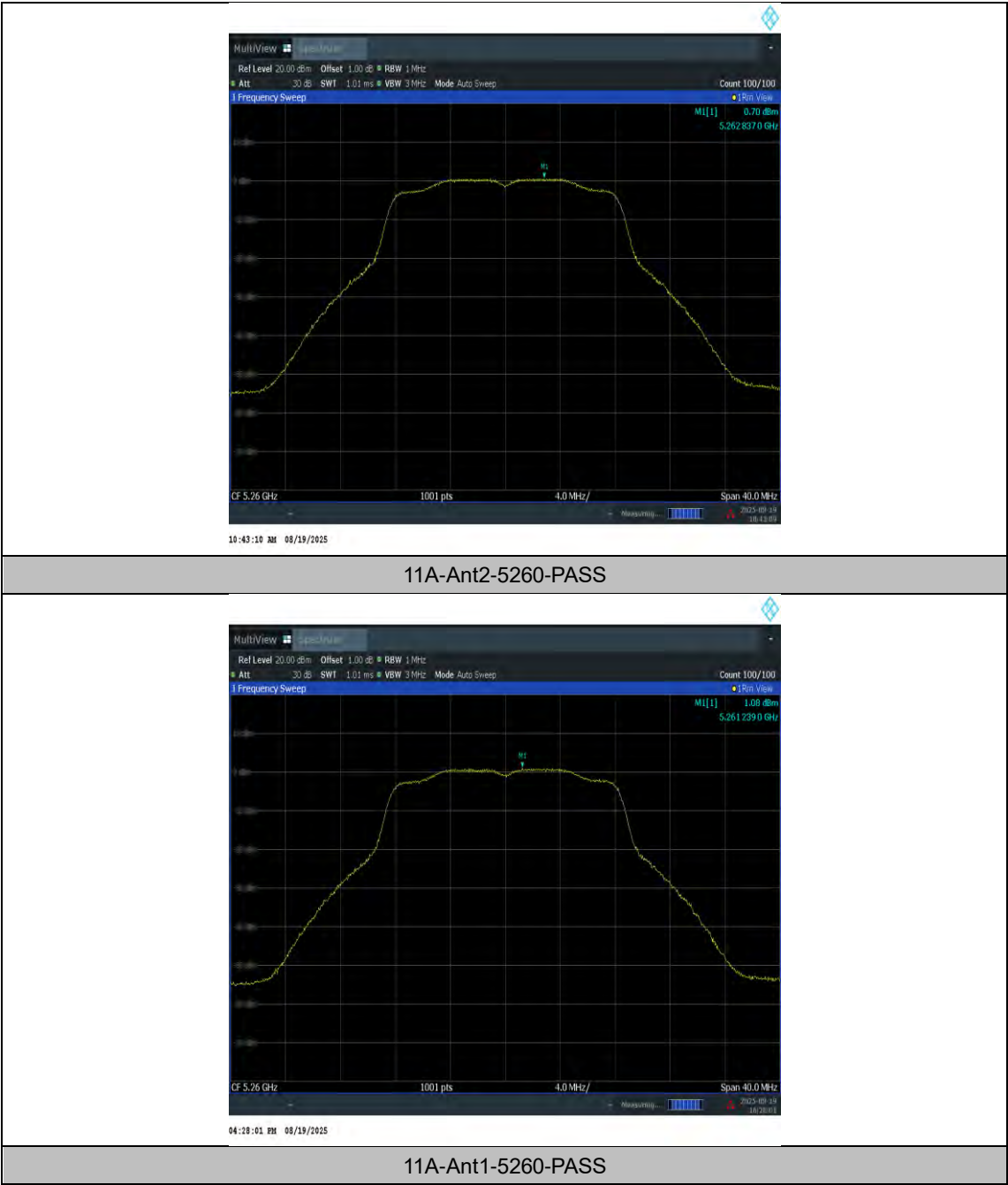
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

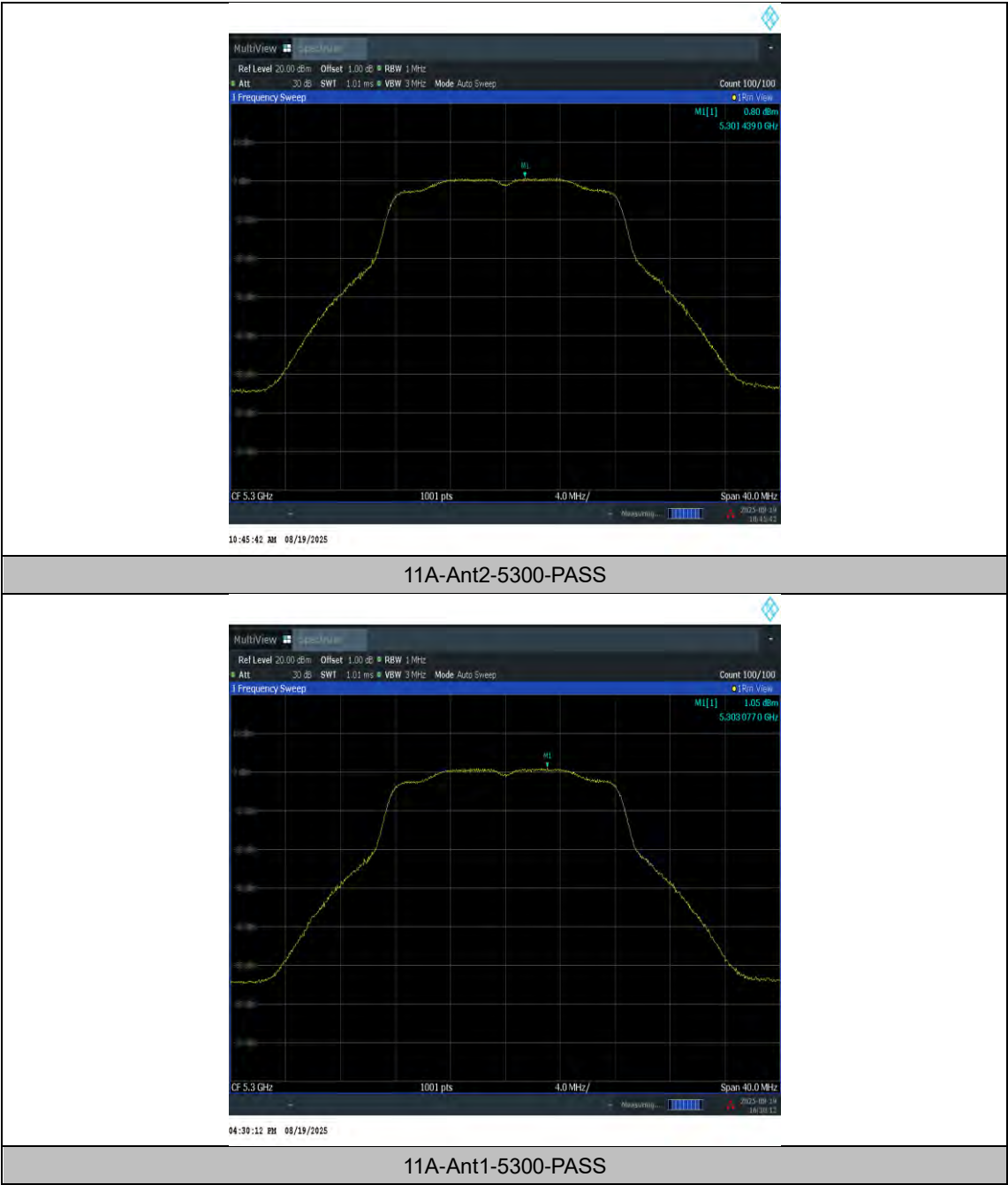
Test Graphs

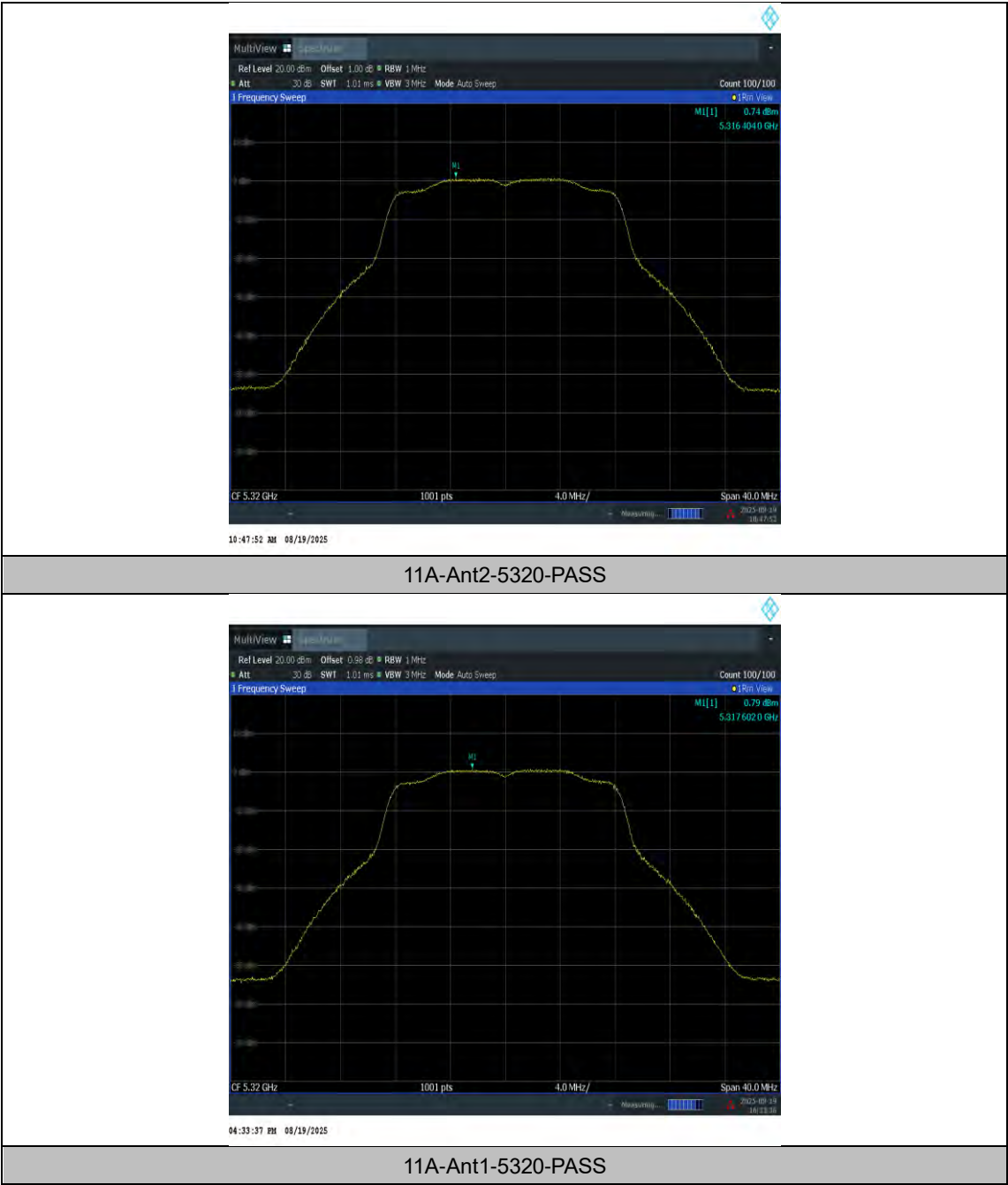


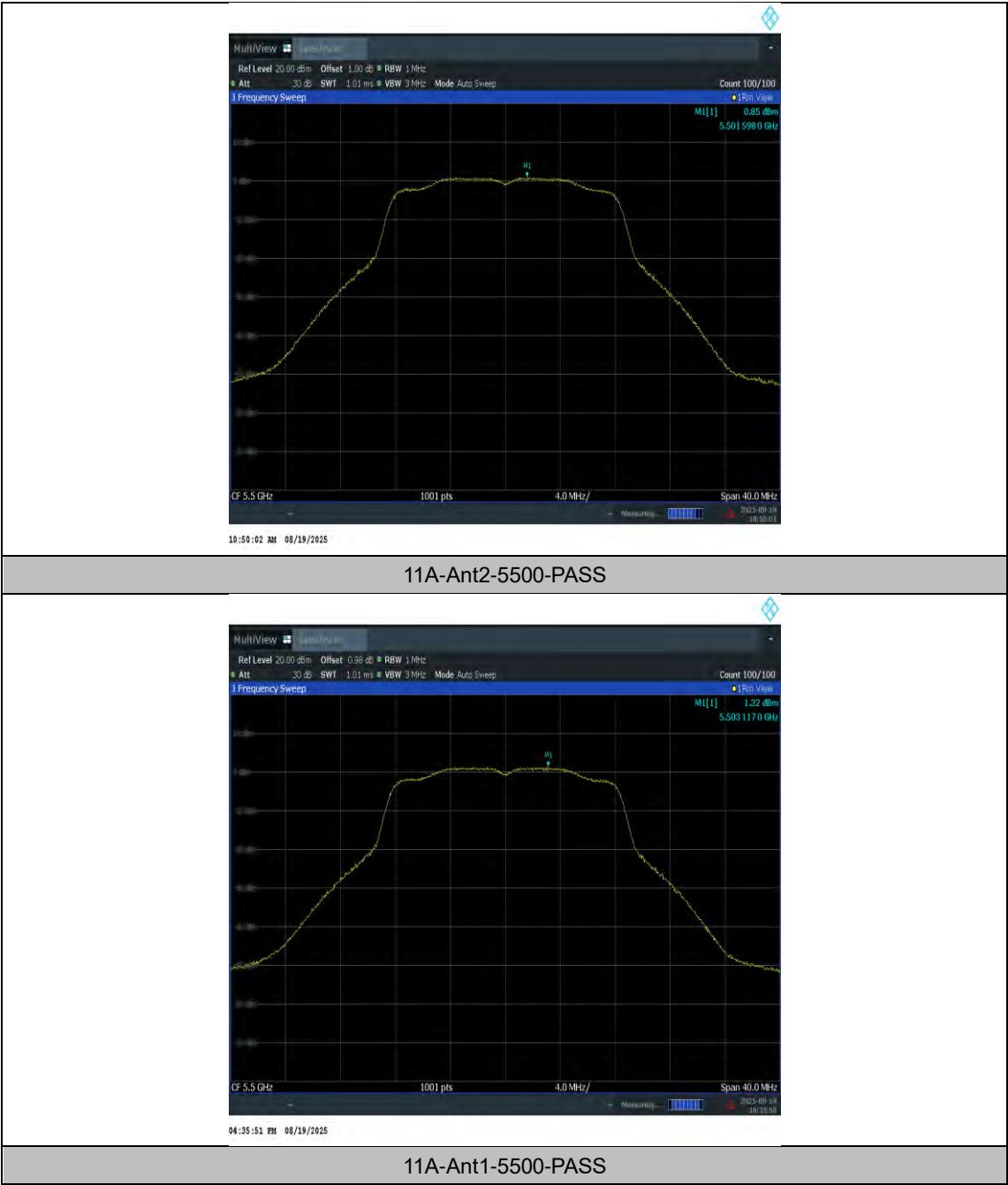


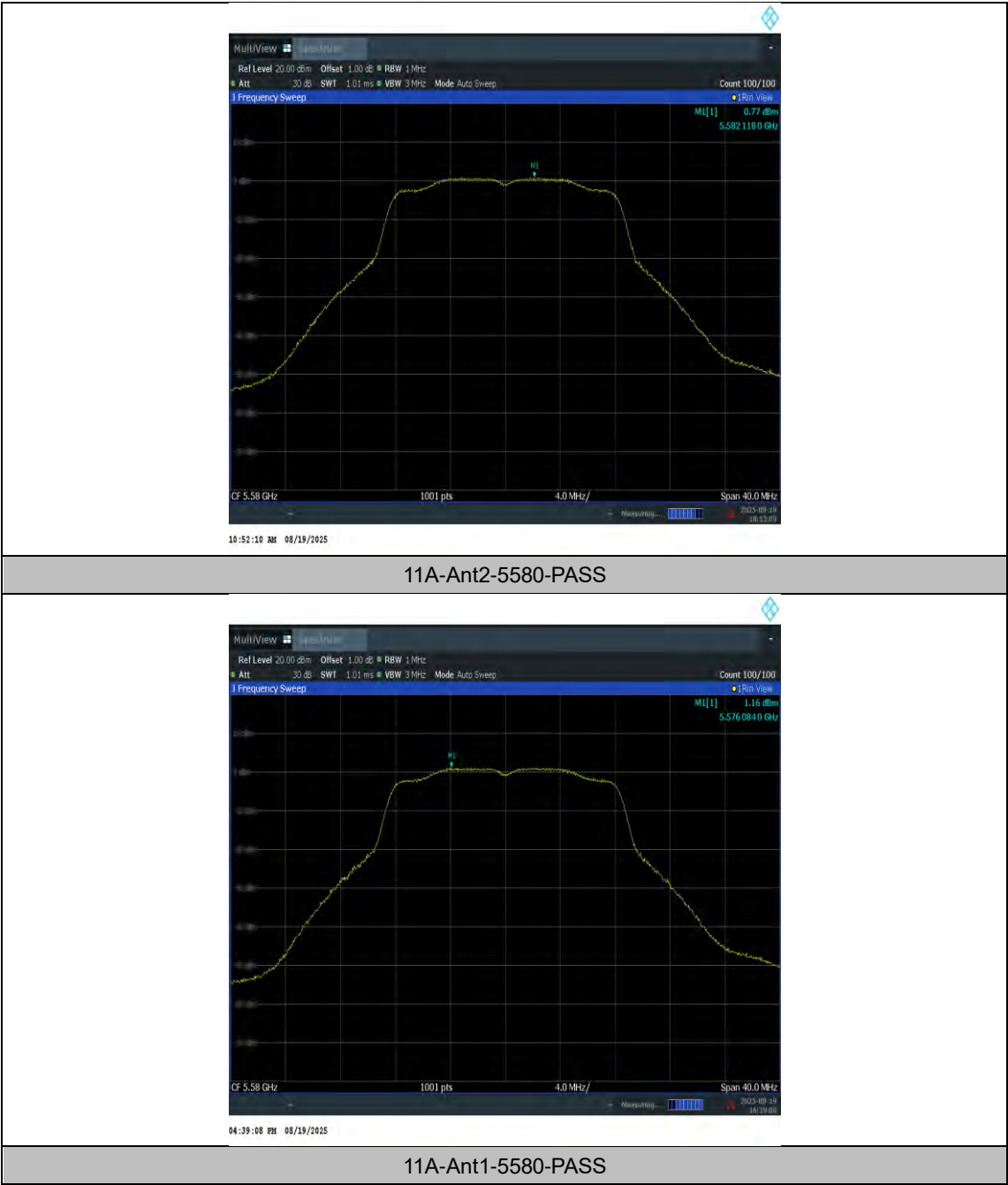


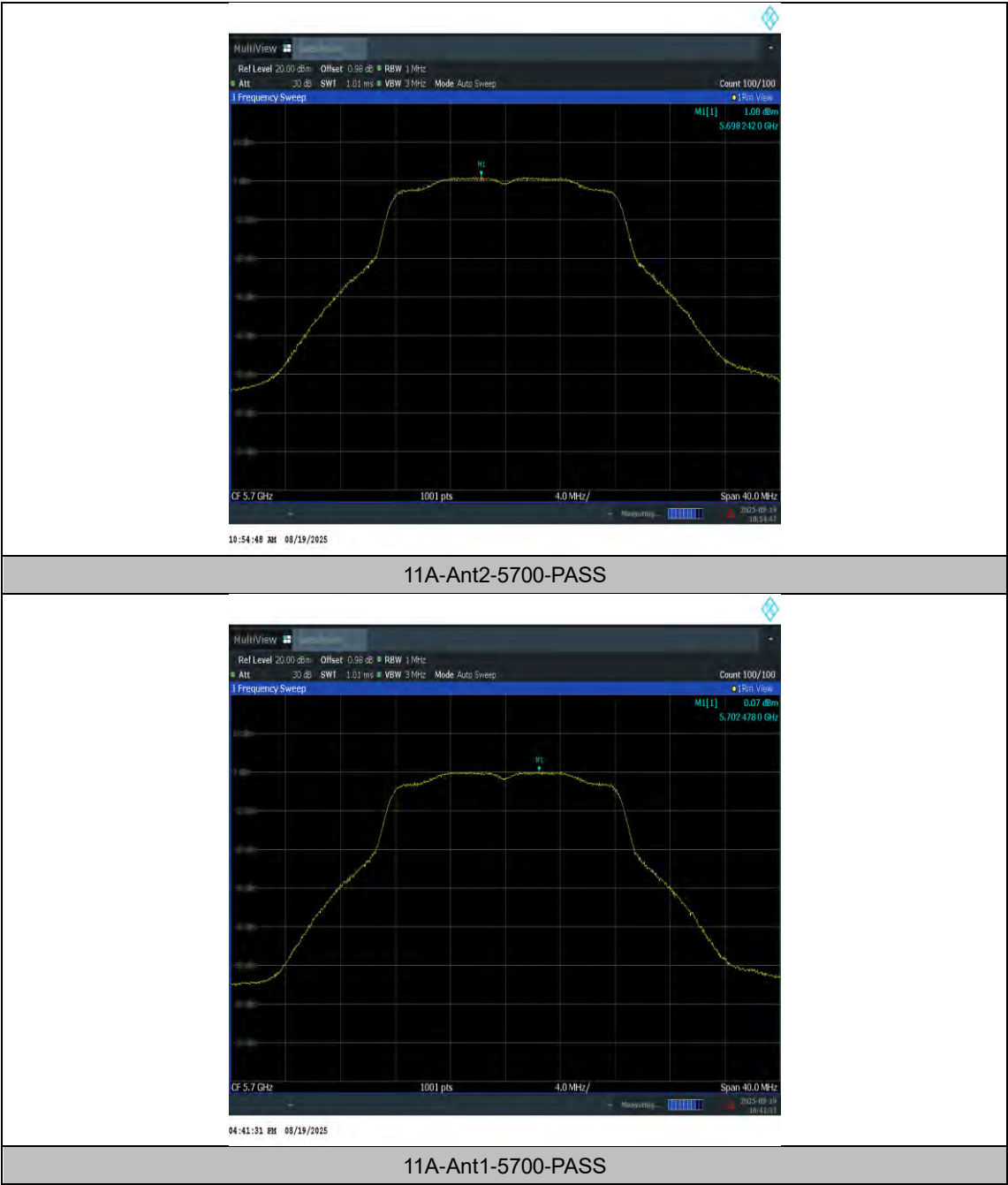


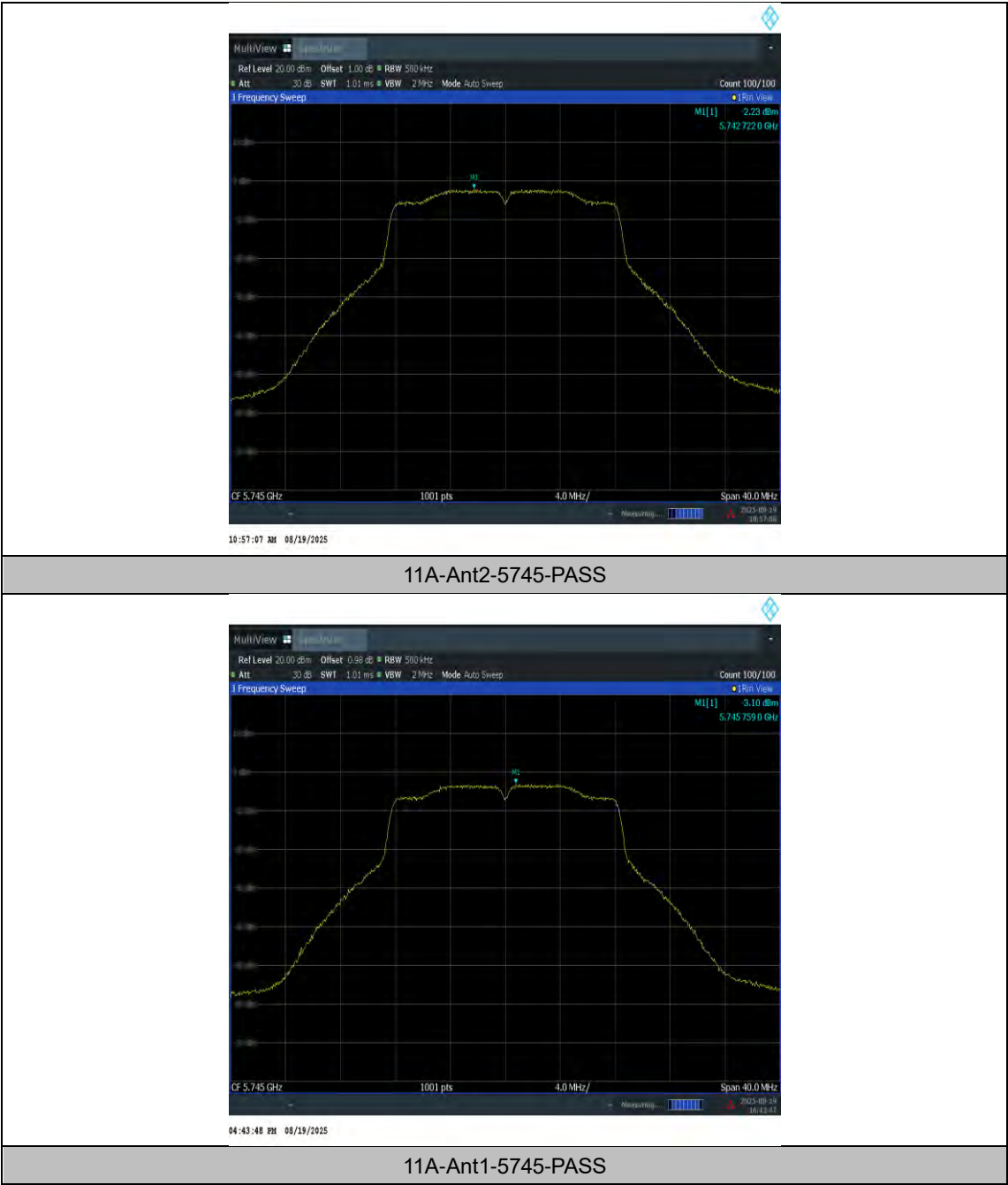


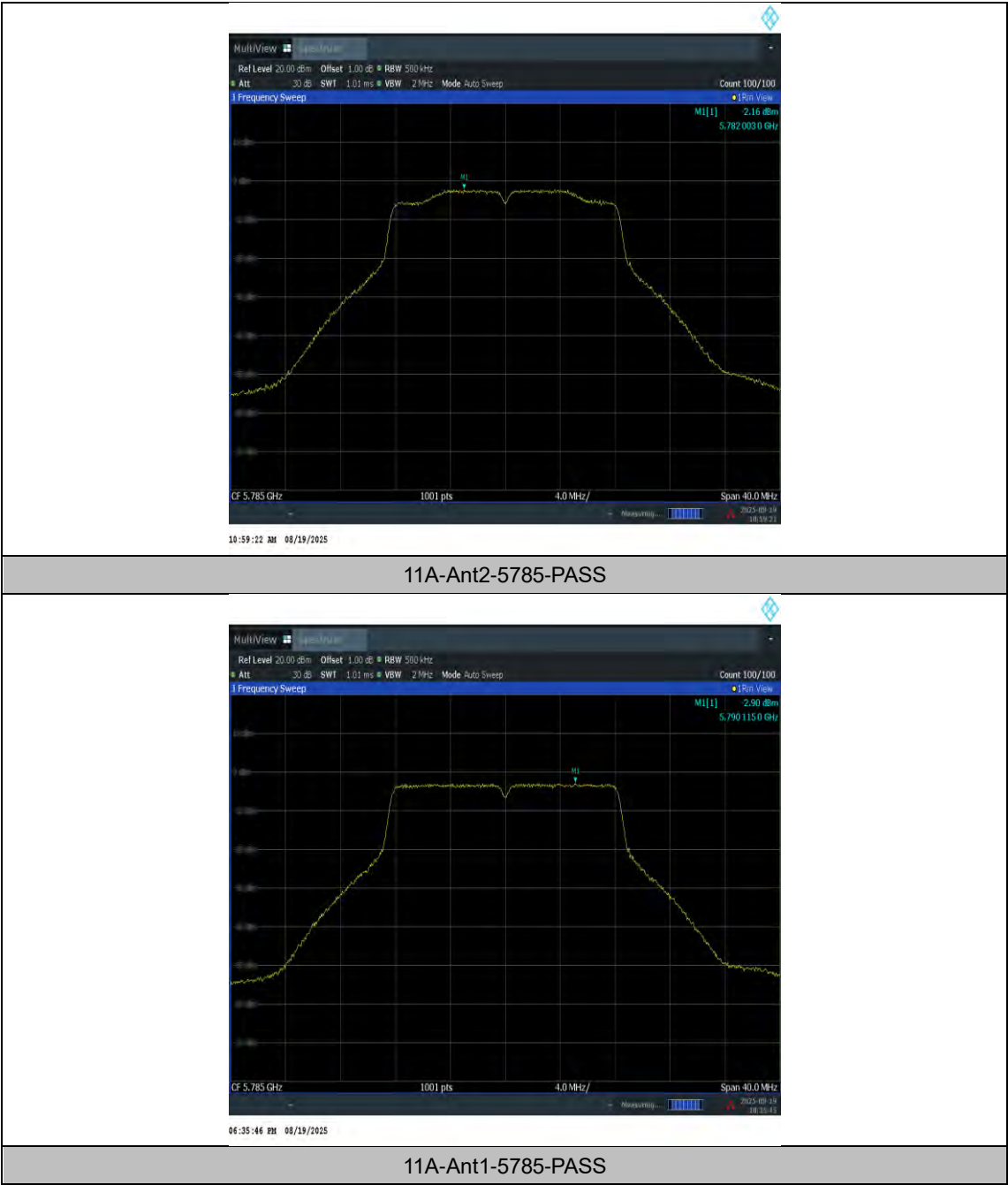


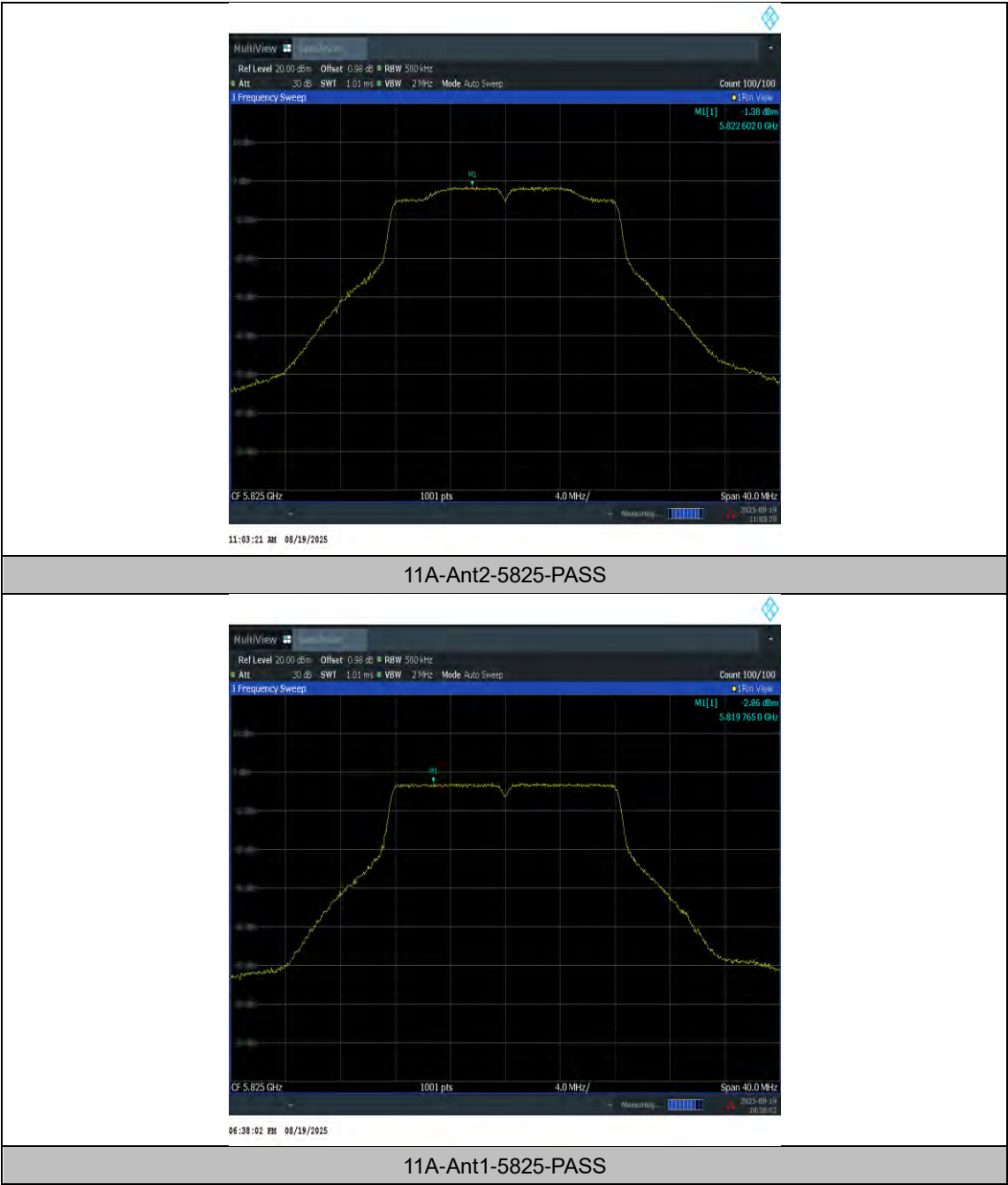


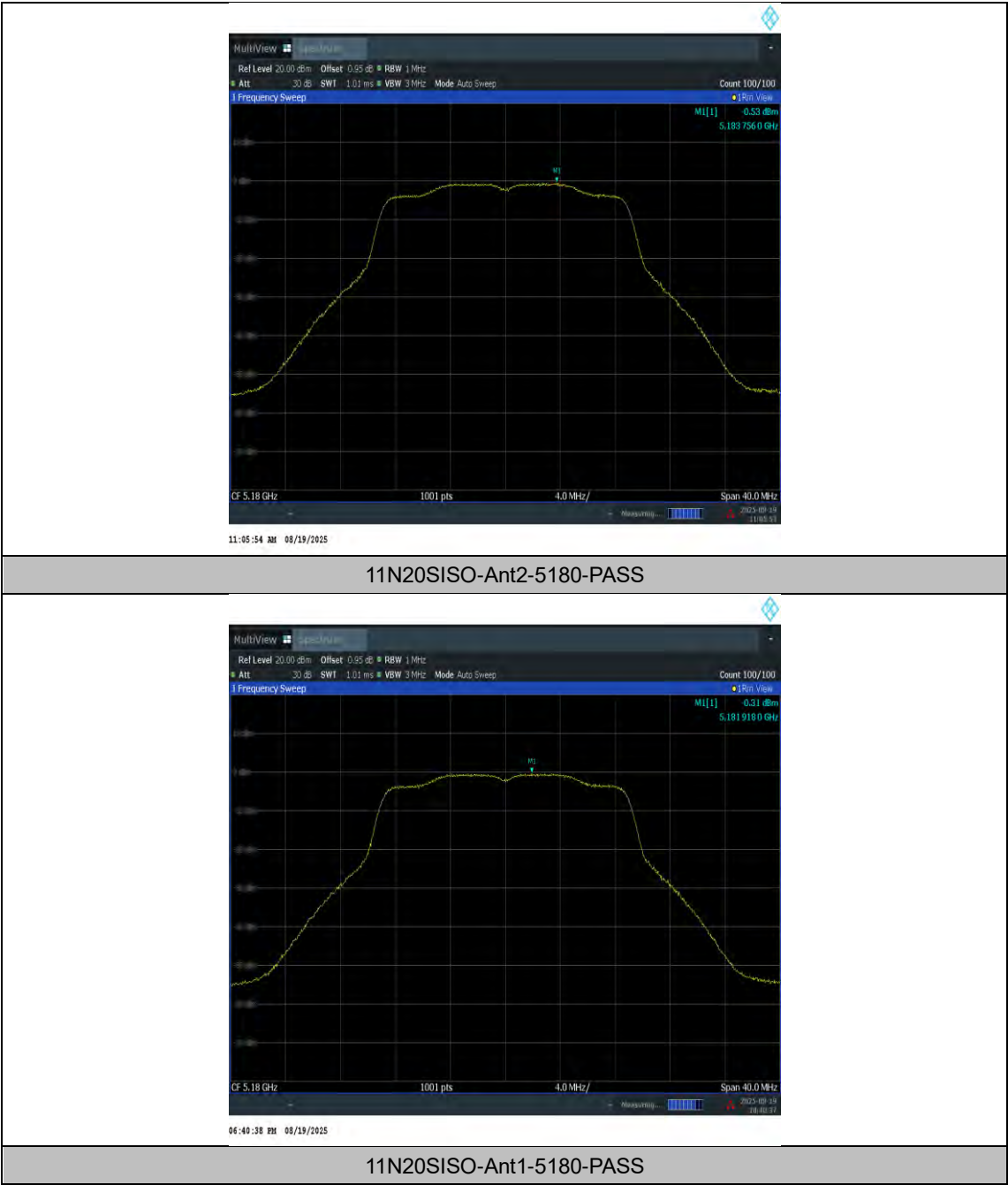


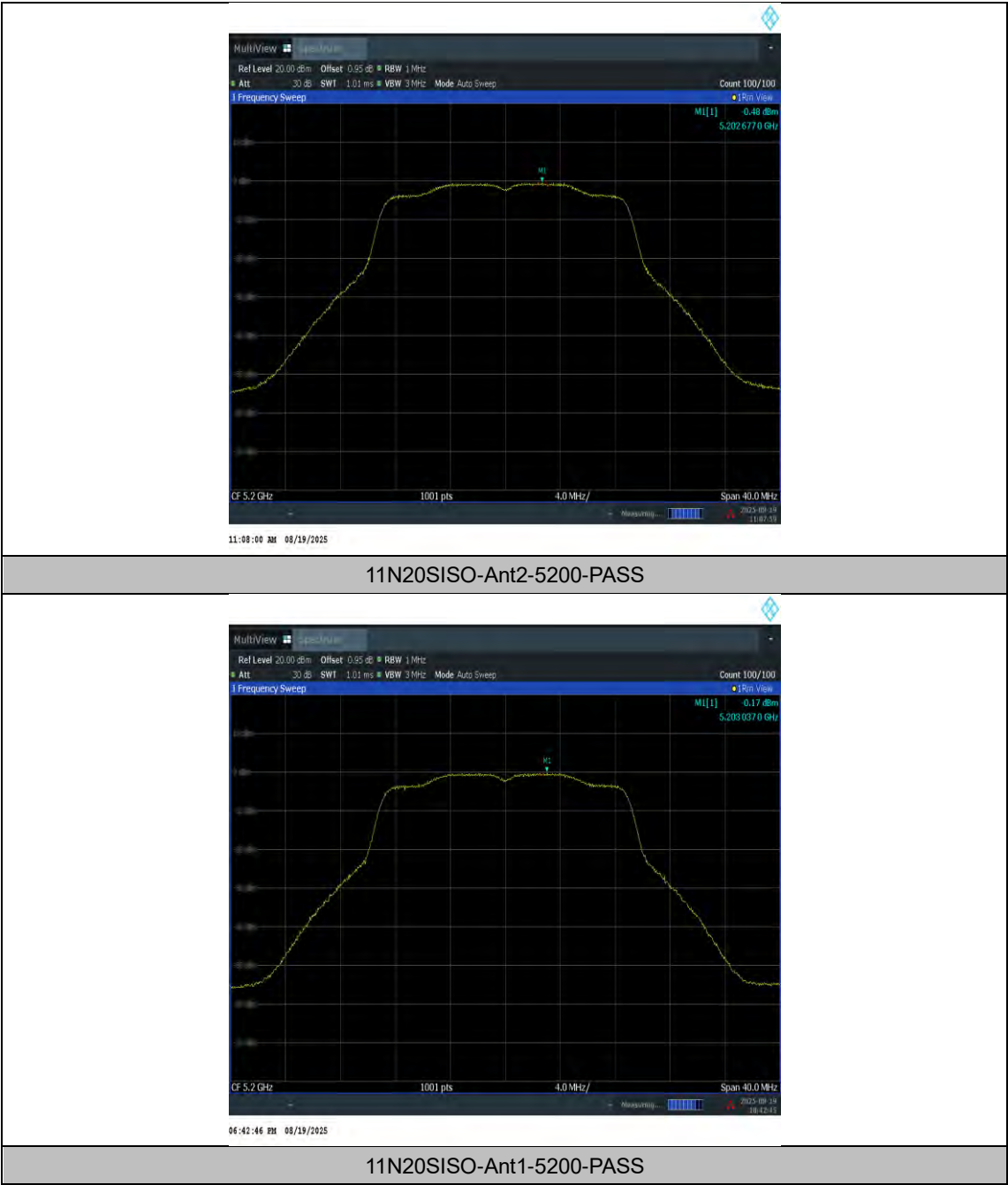










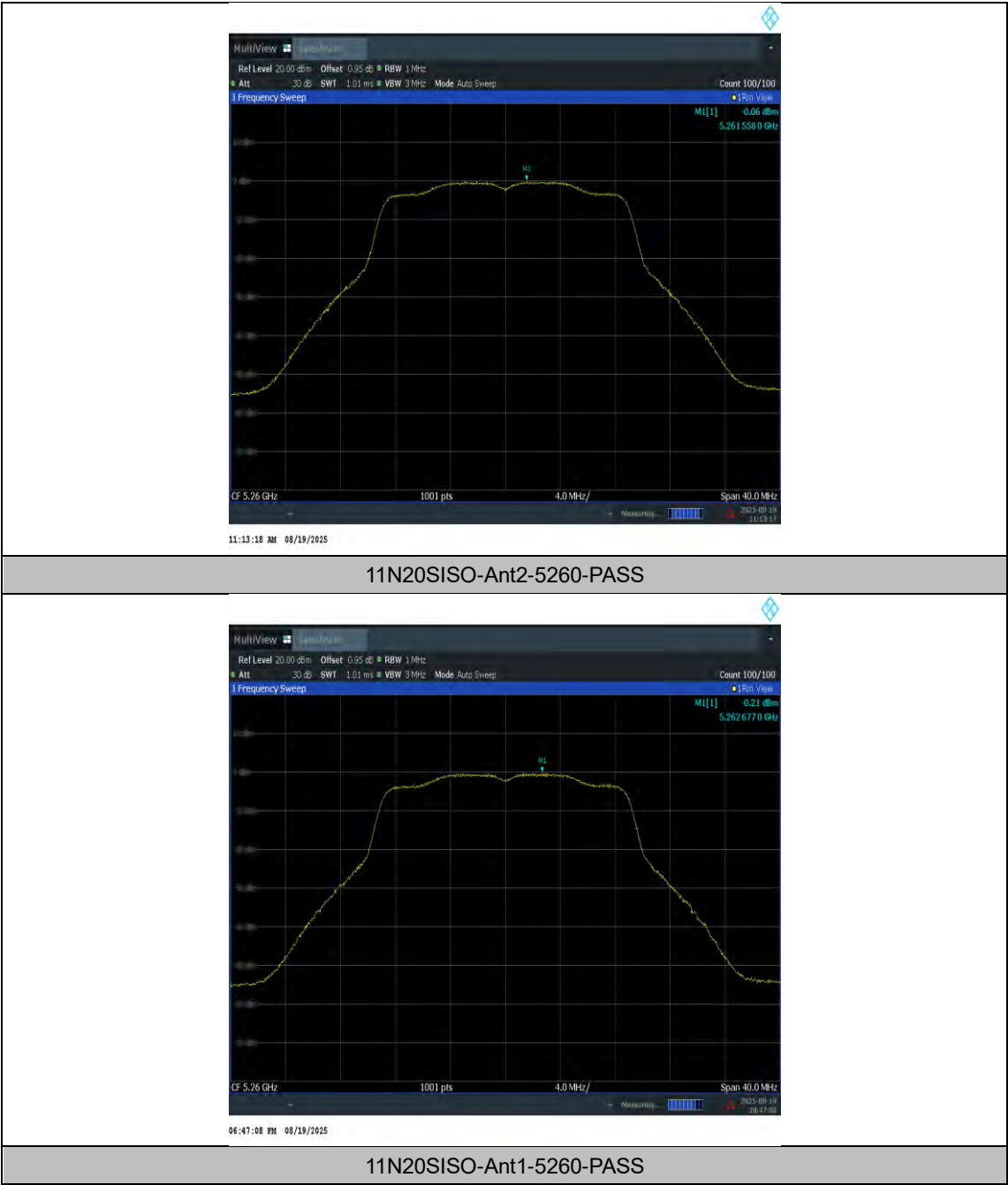


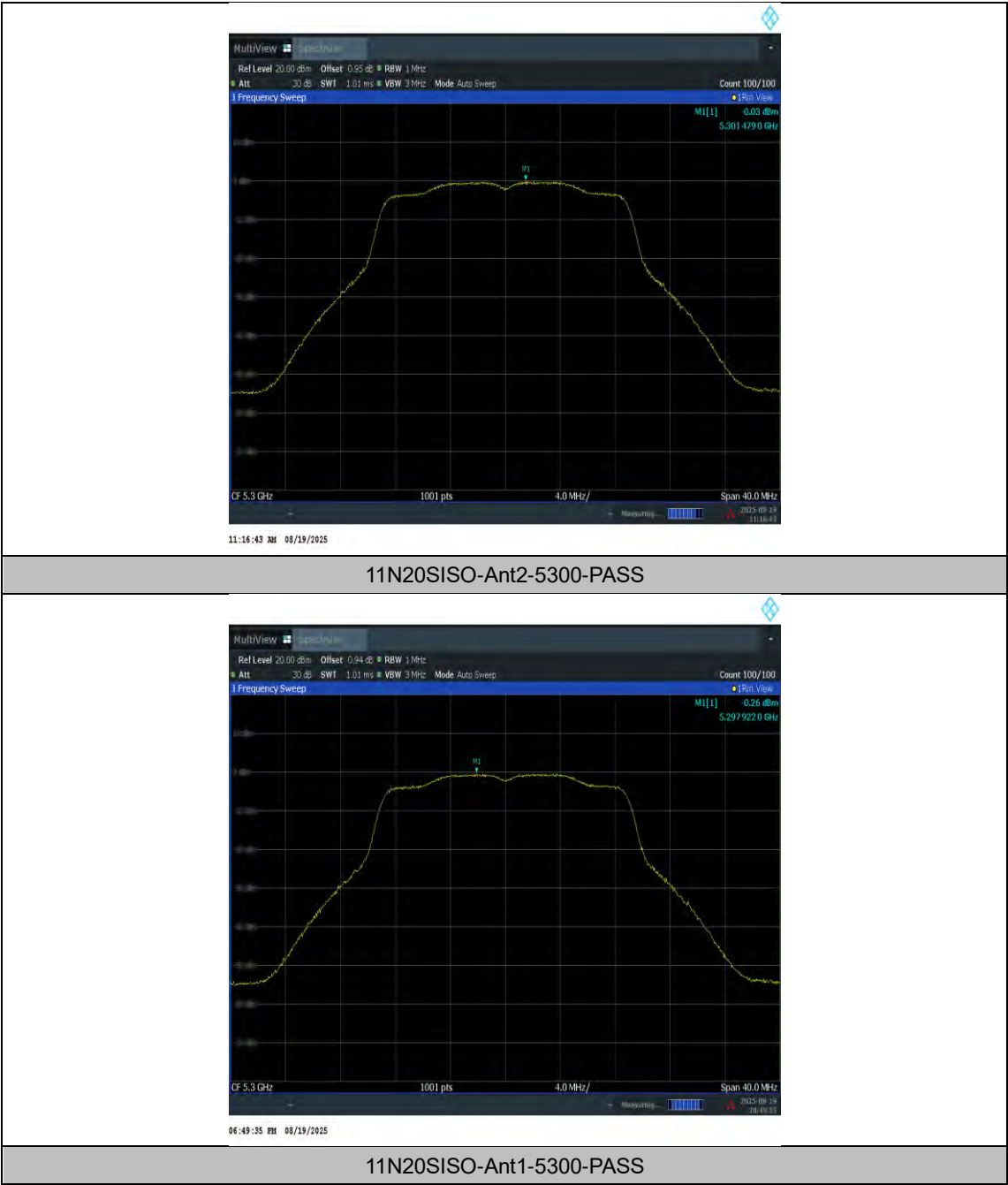


11N20SISO-Ant2-5240-PASS



11N20SISO-Ant1-5240-PASS



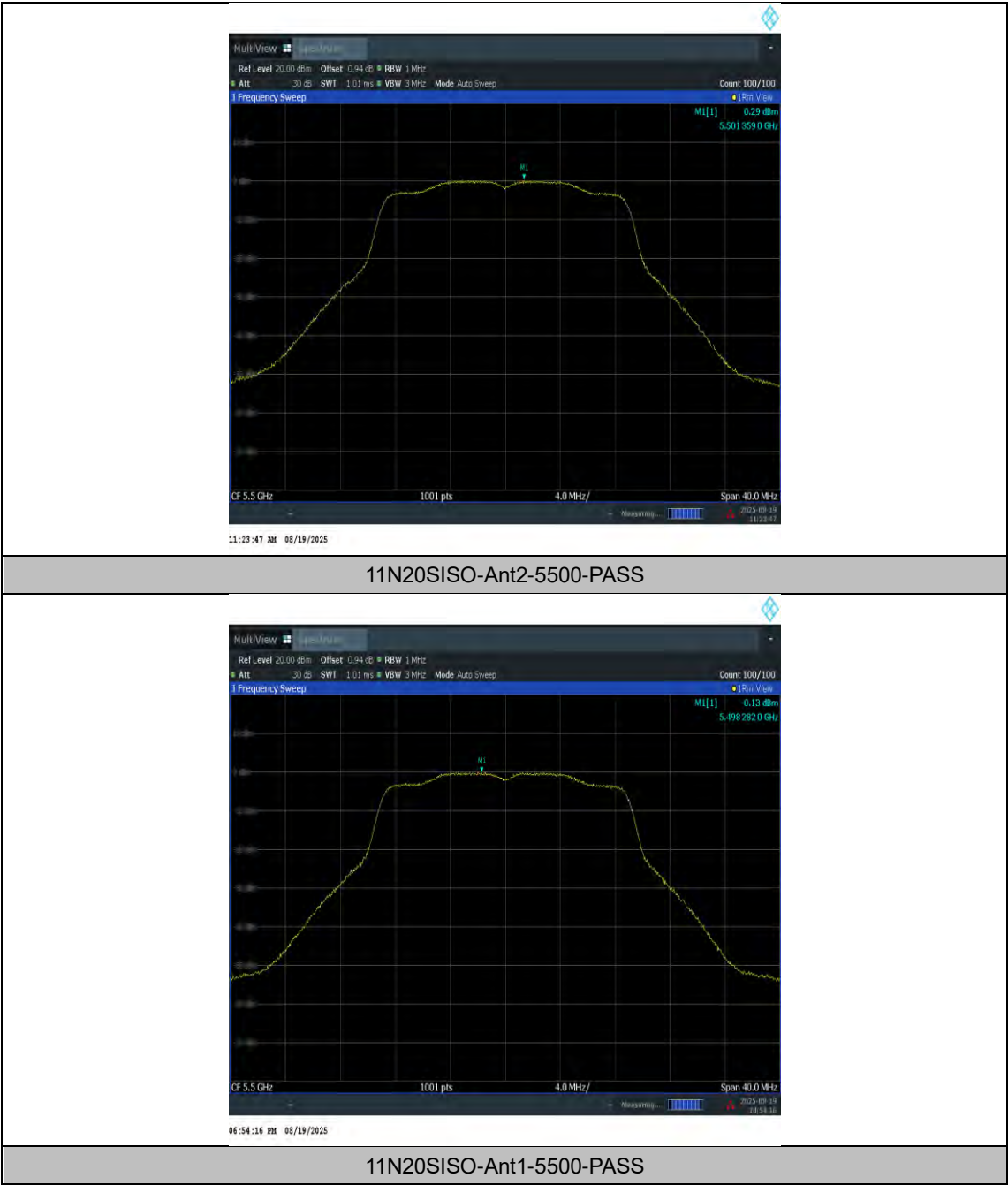




11N20SISO-Ant2-5320-PASS



11N20SISO-Ant1-5320-PASS





11N20SISO-Ant2-5580-PASS



11N20SISO-Ant1-5580-PASS



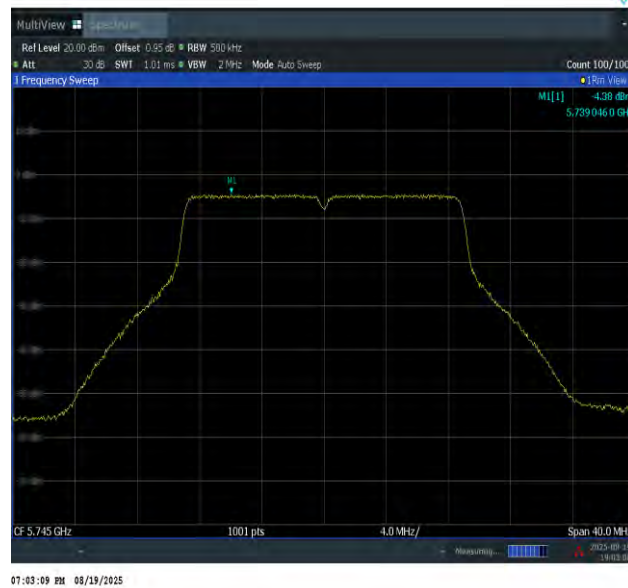
11N20SISO-Ant2-5700-PASS



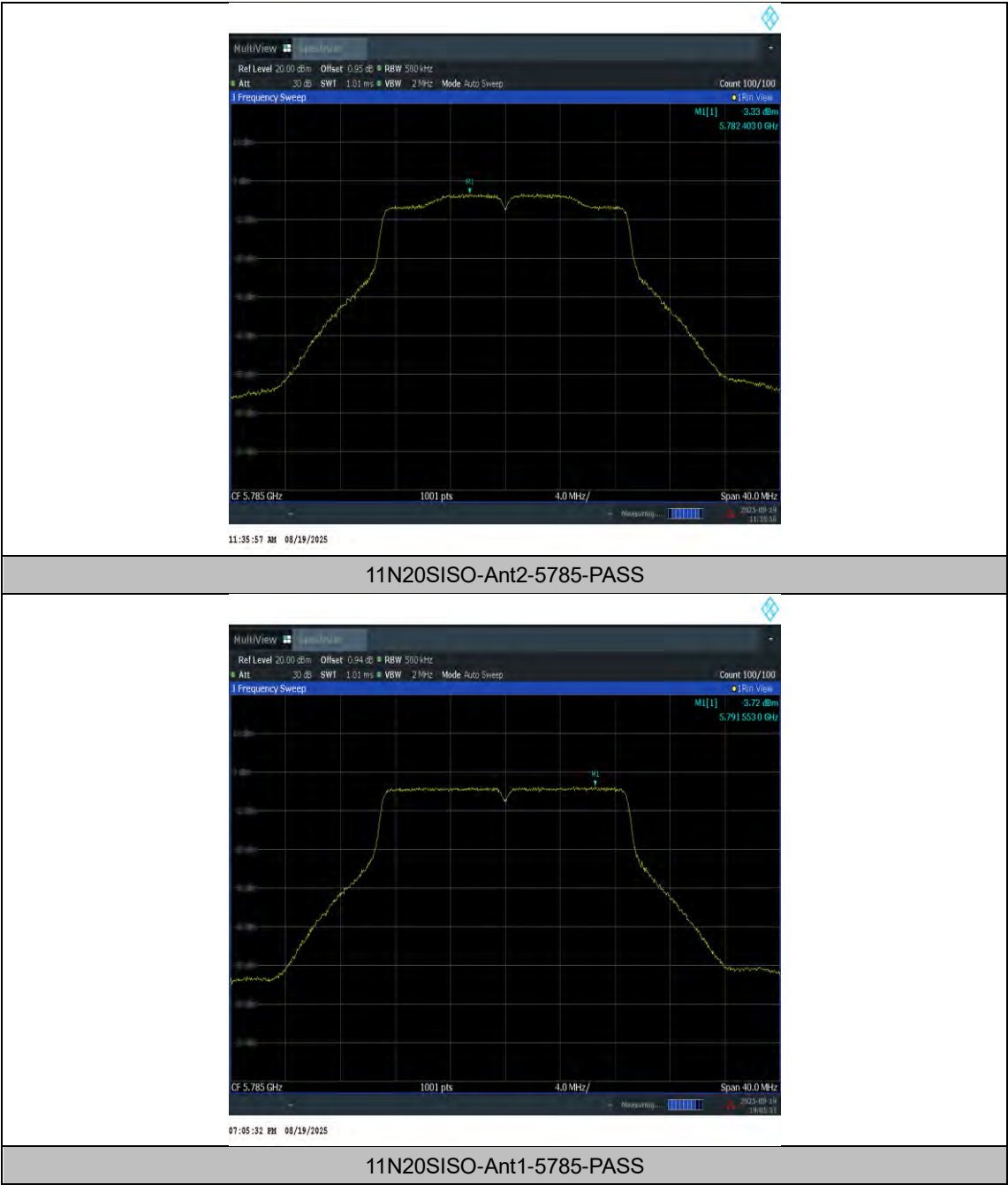
11N20SISO-Ant1-5700-PASS

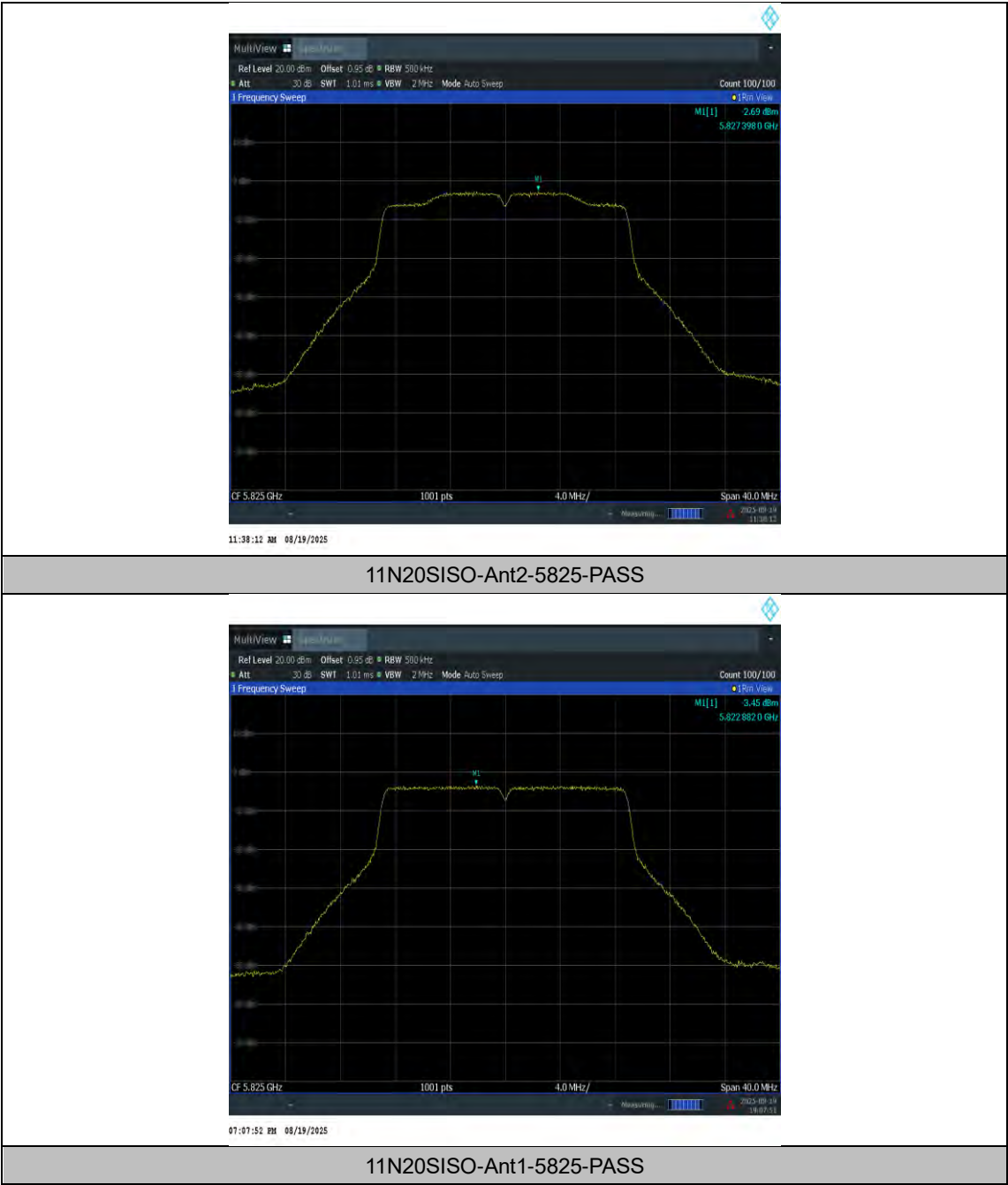


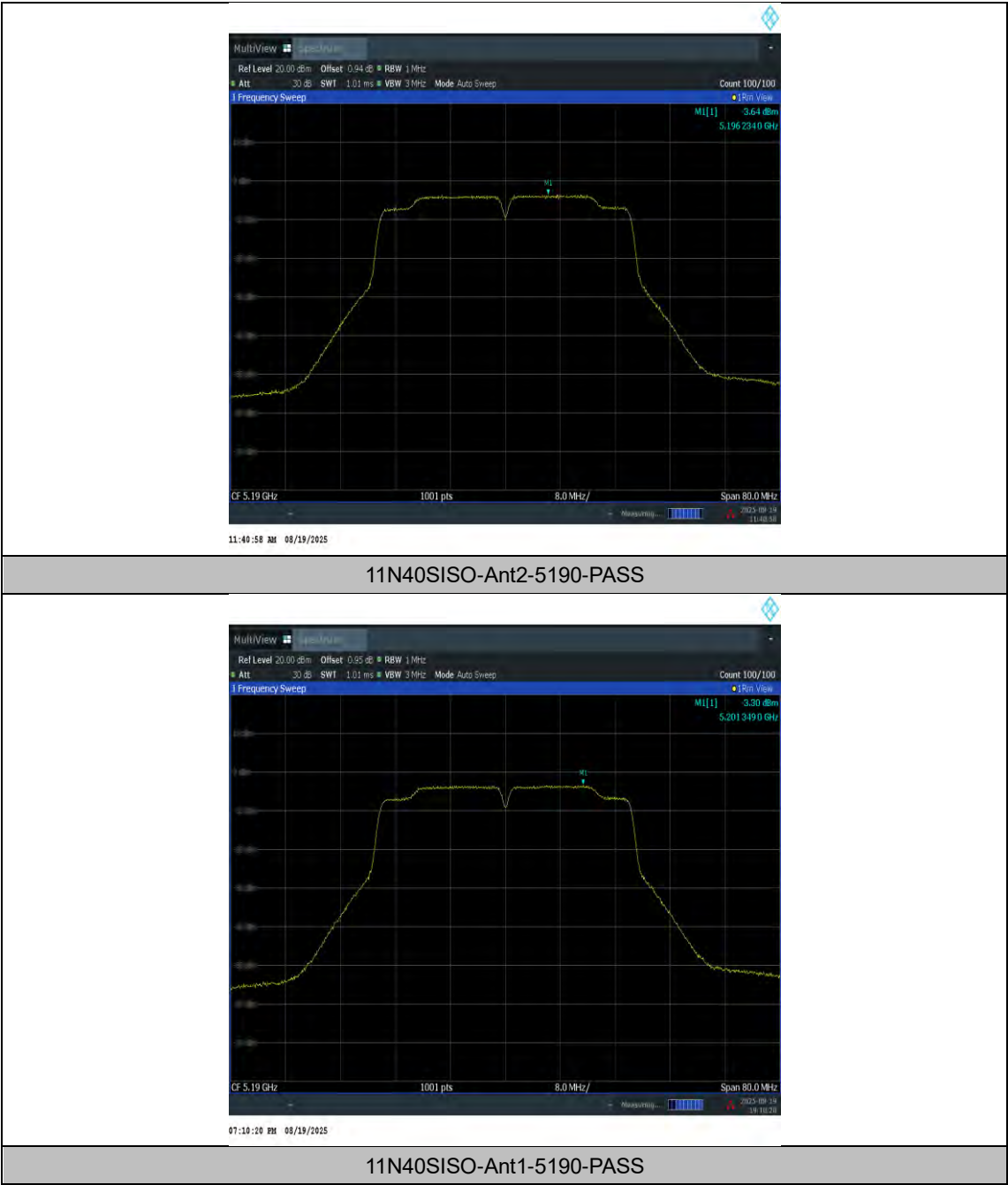
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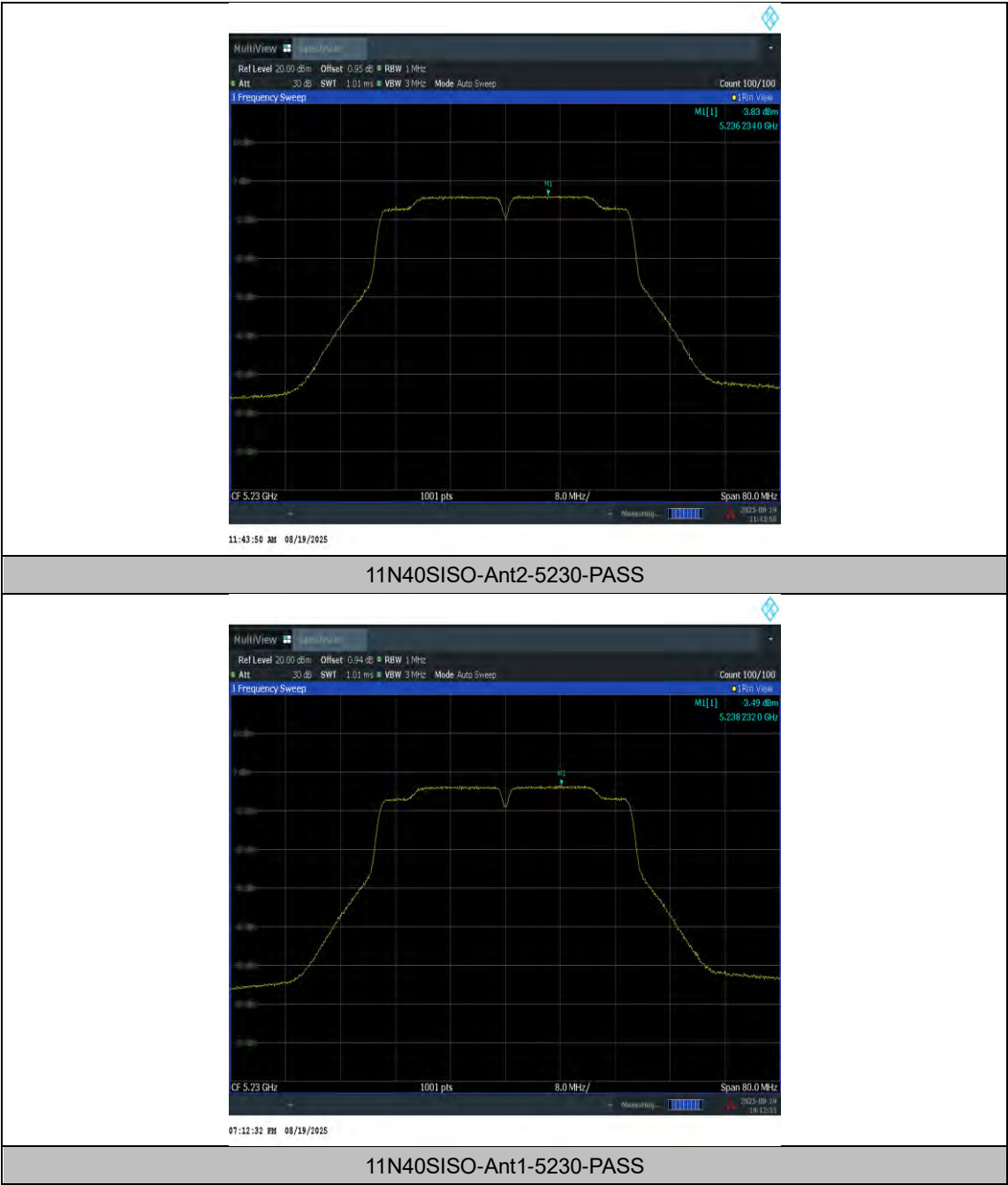


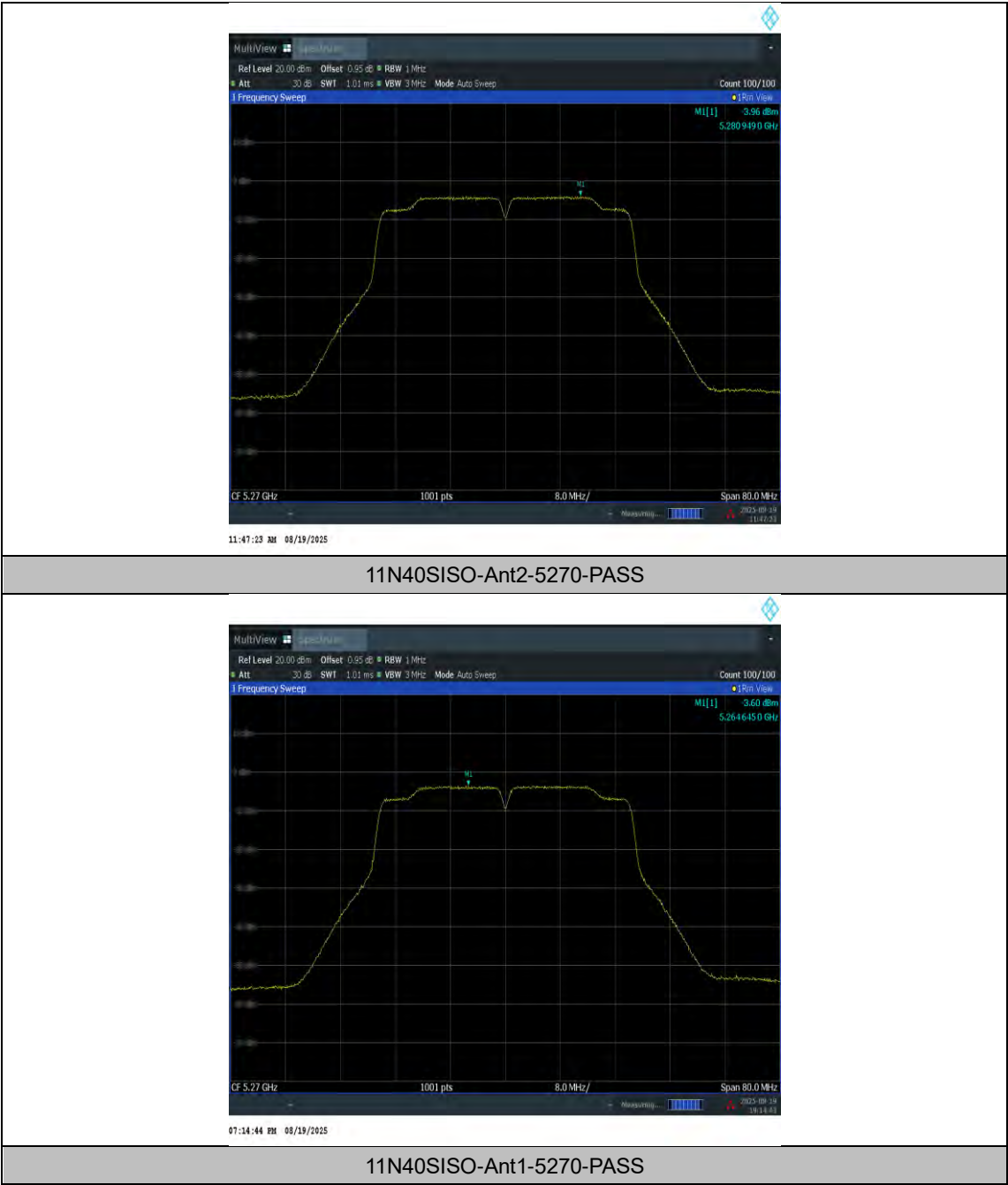
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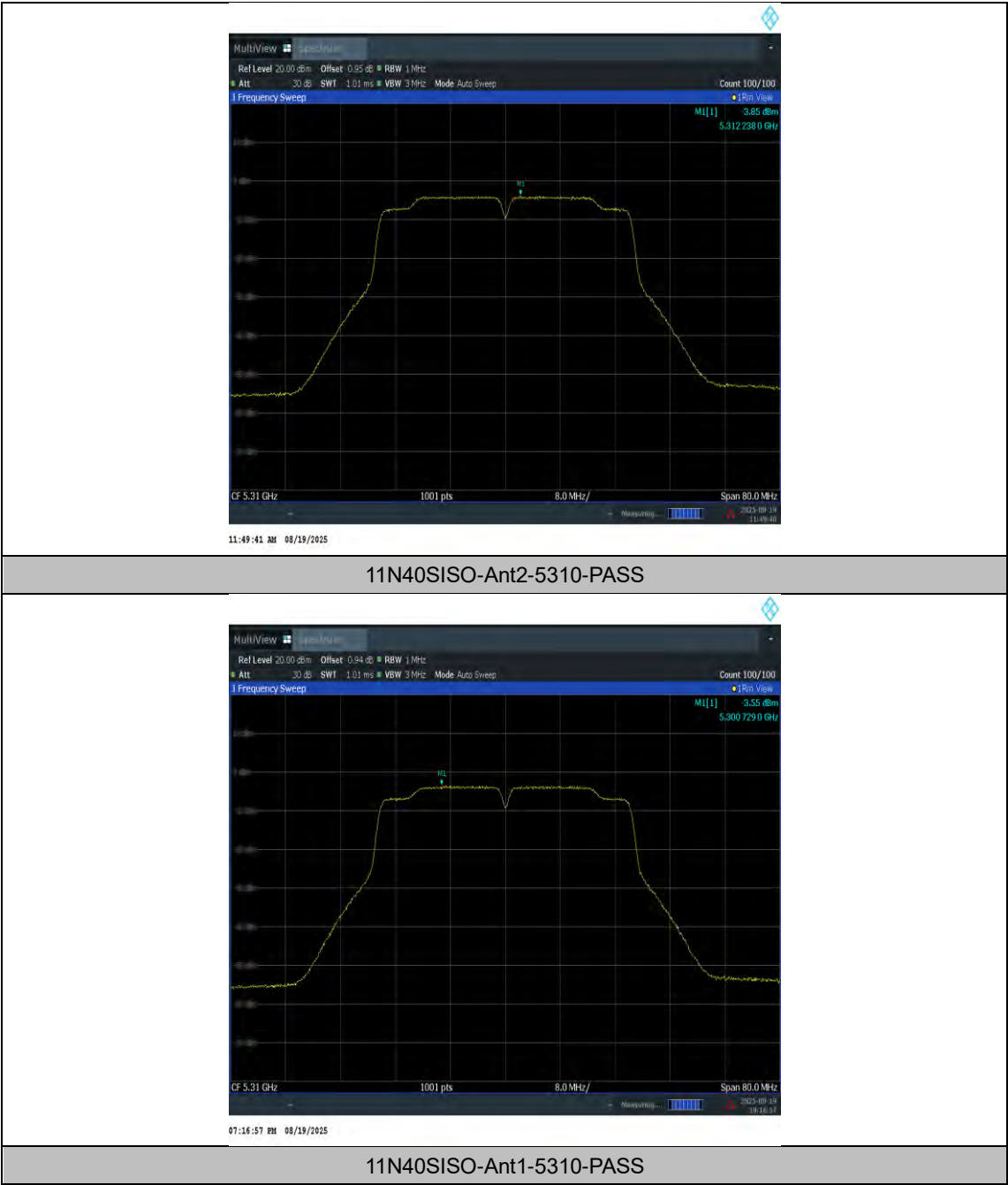


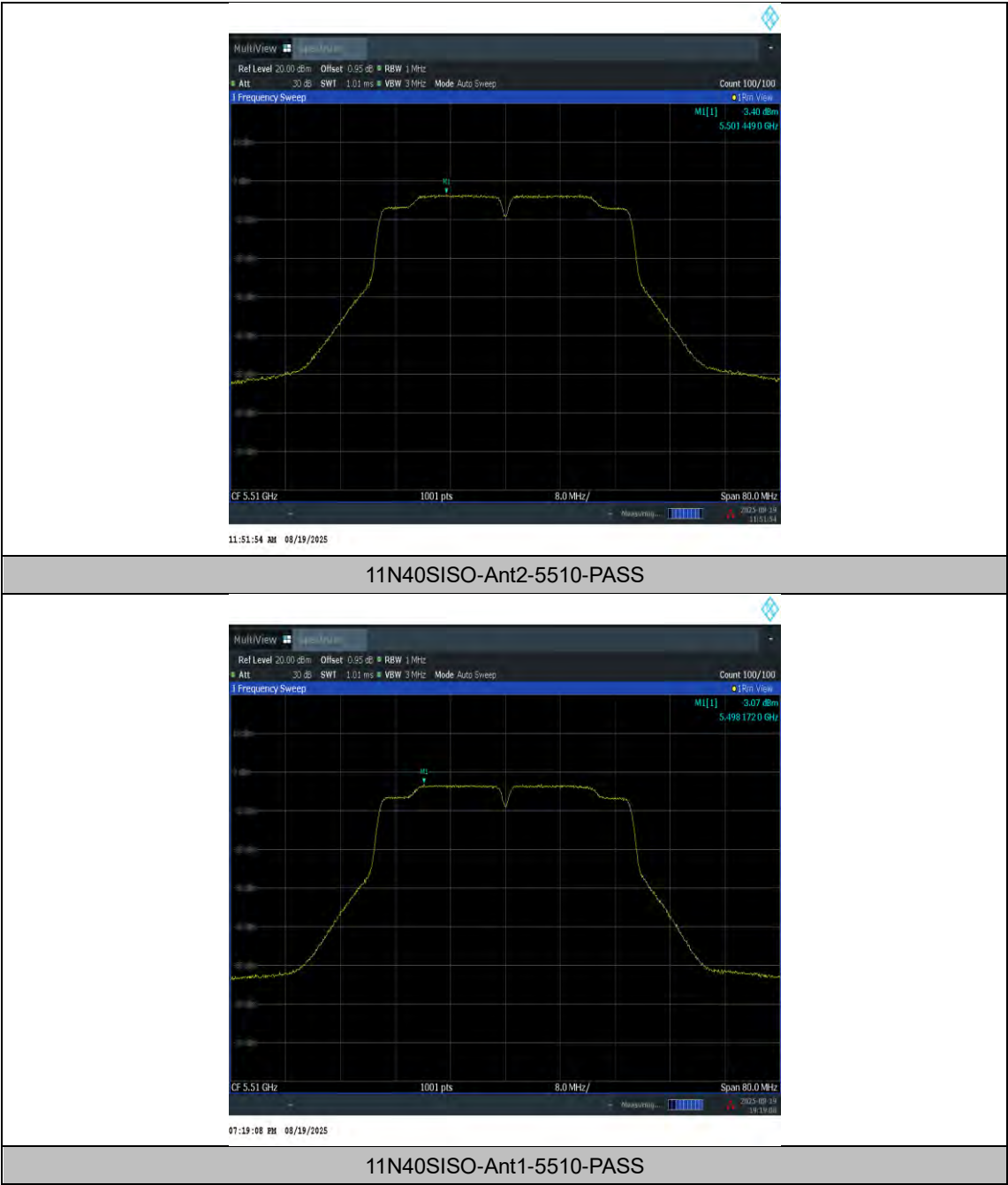


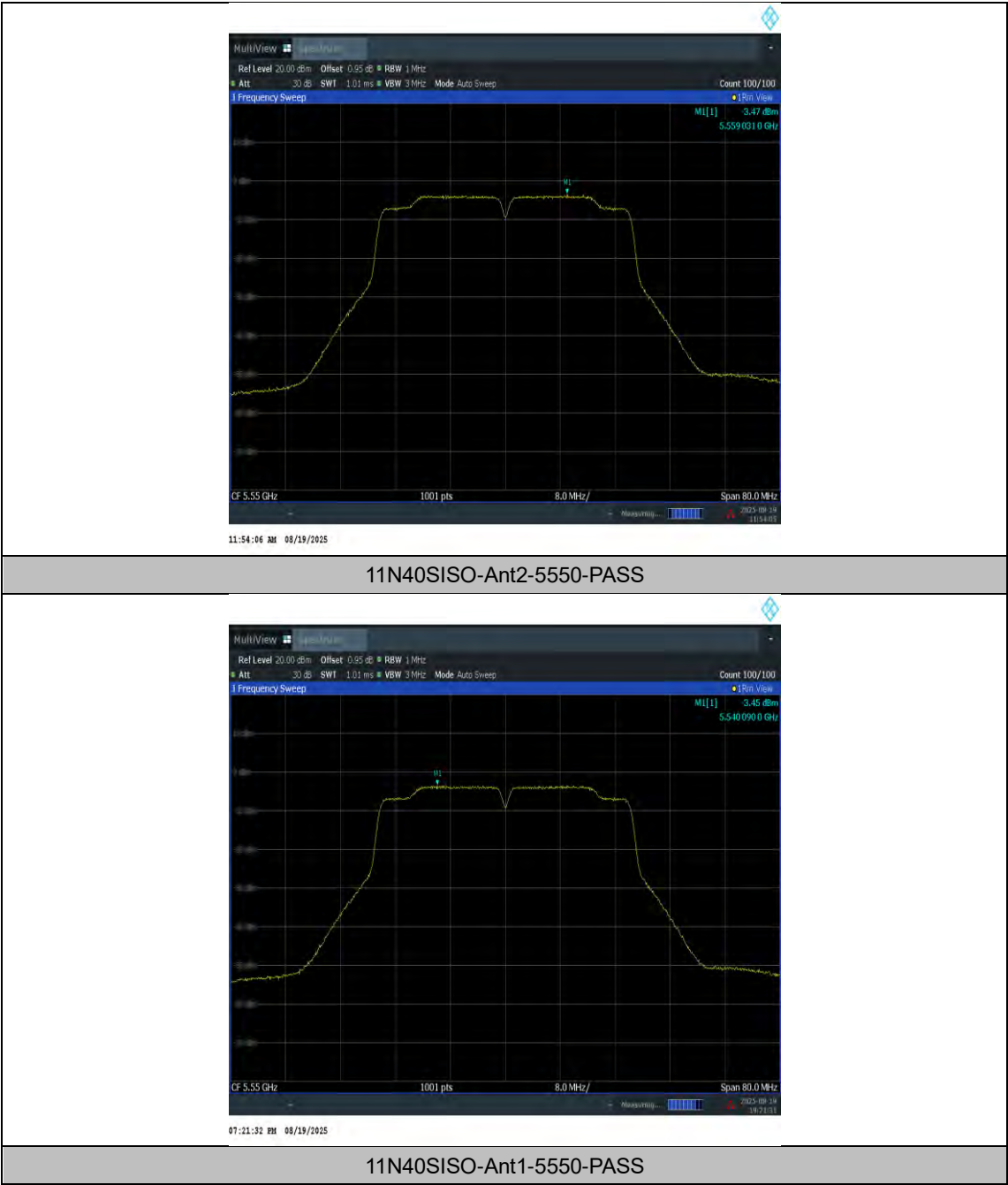


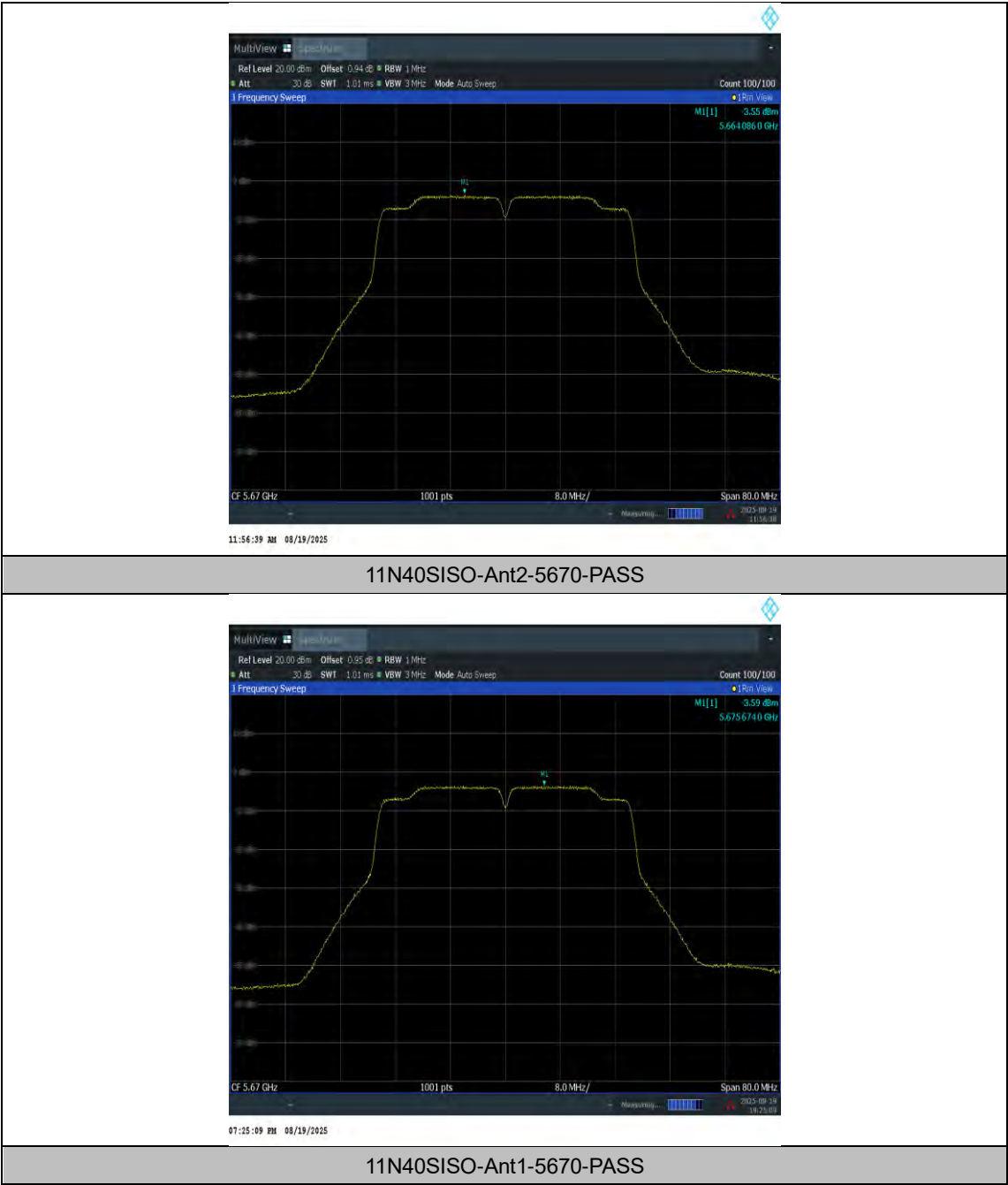


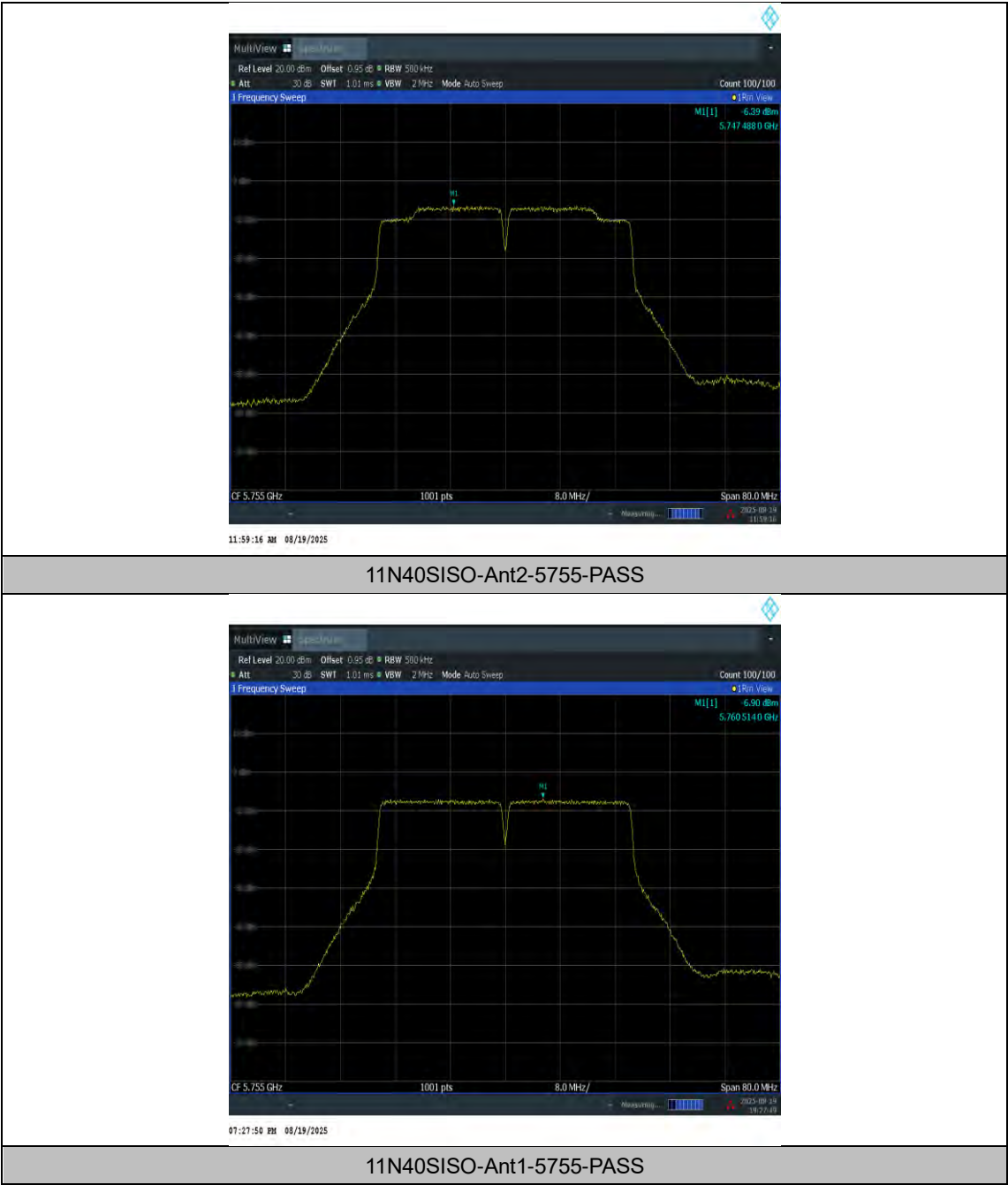


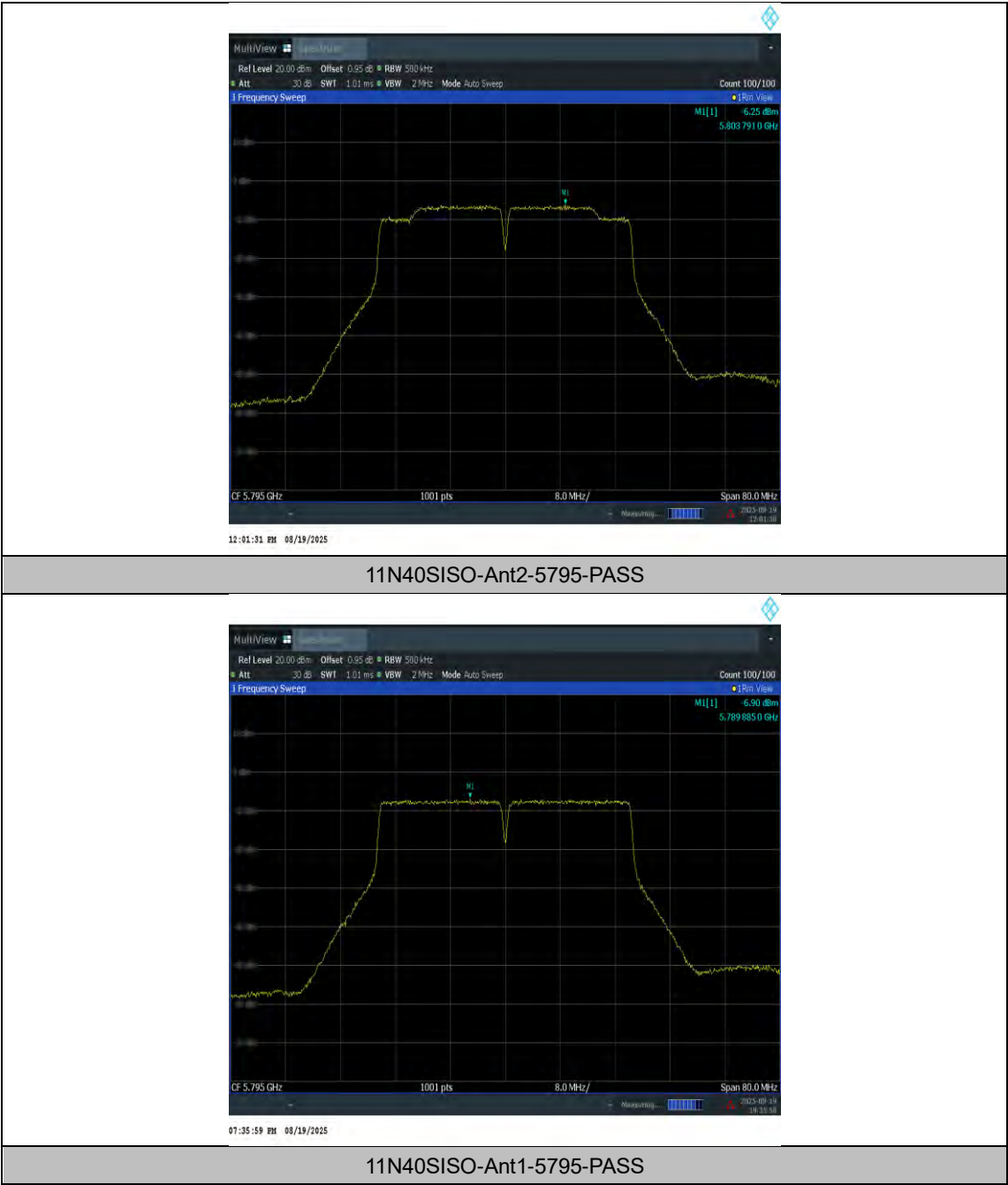


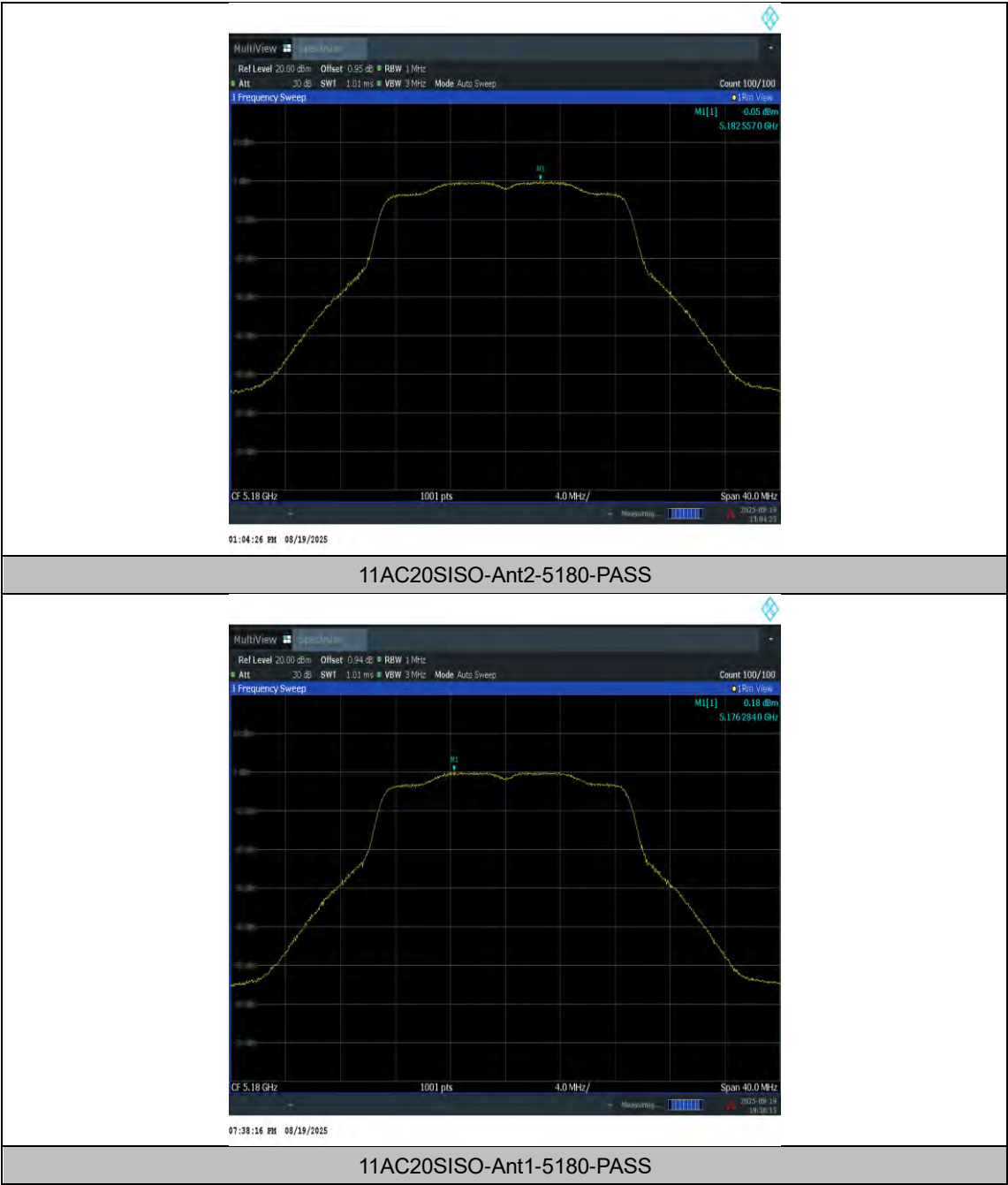


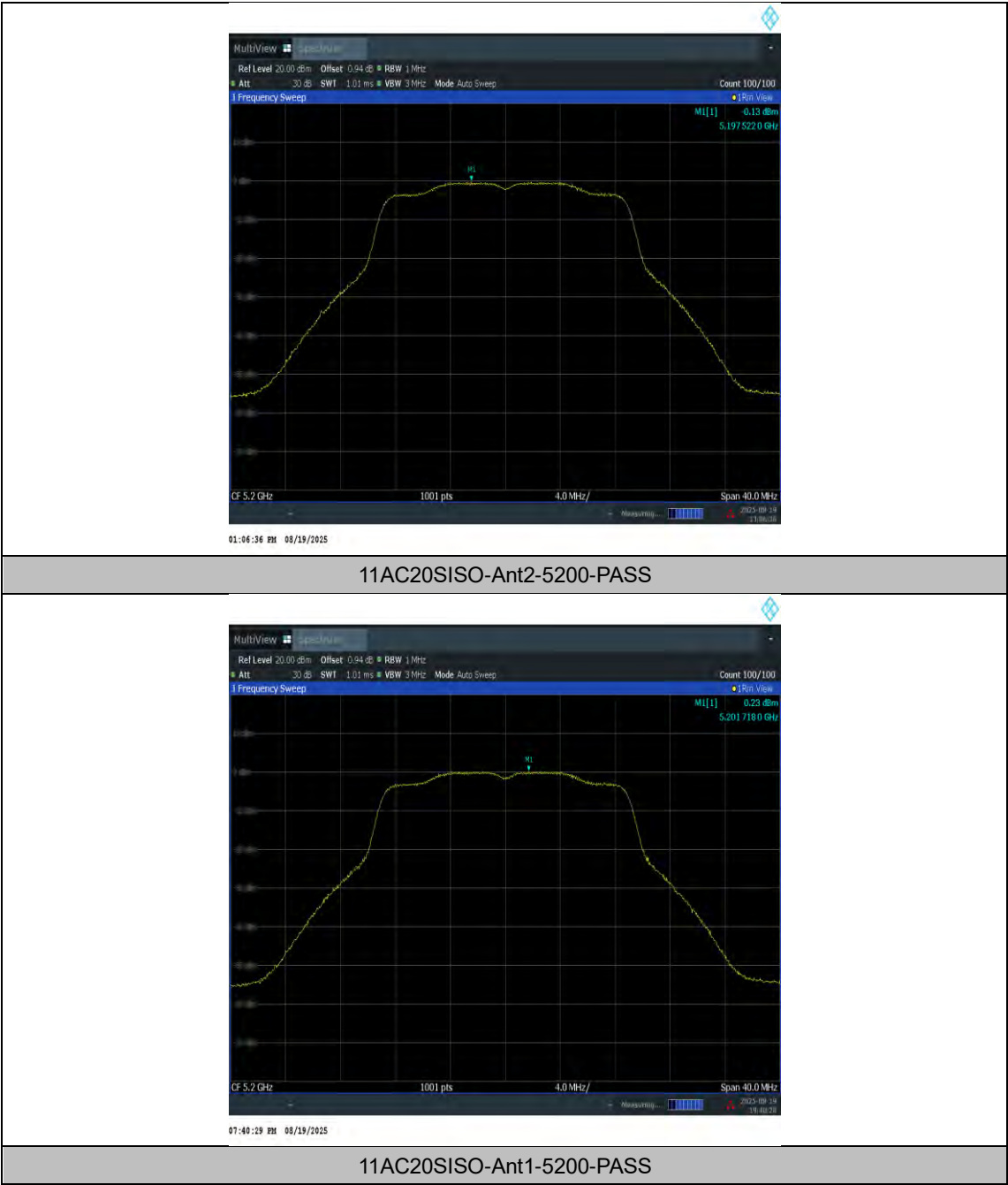


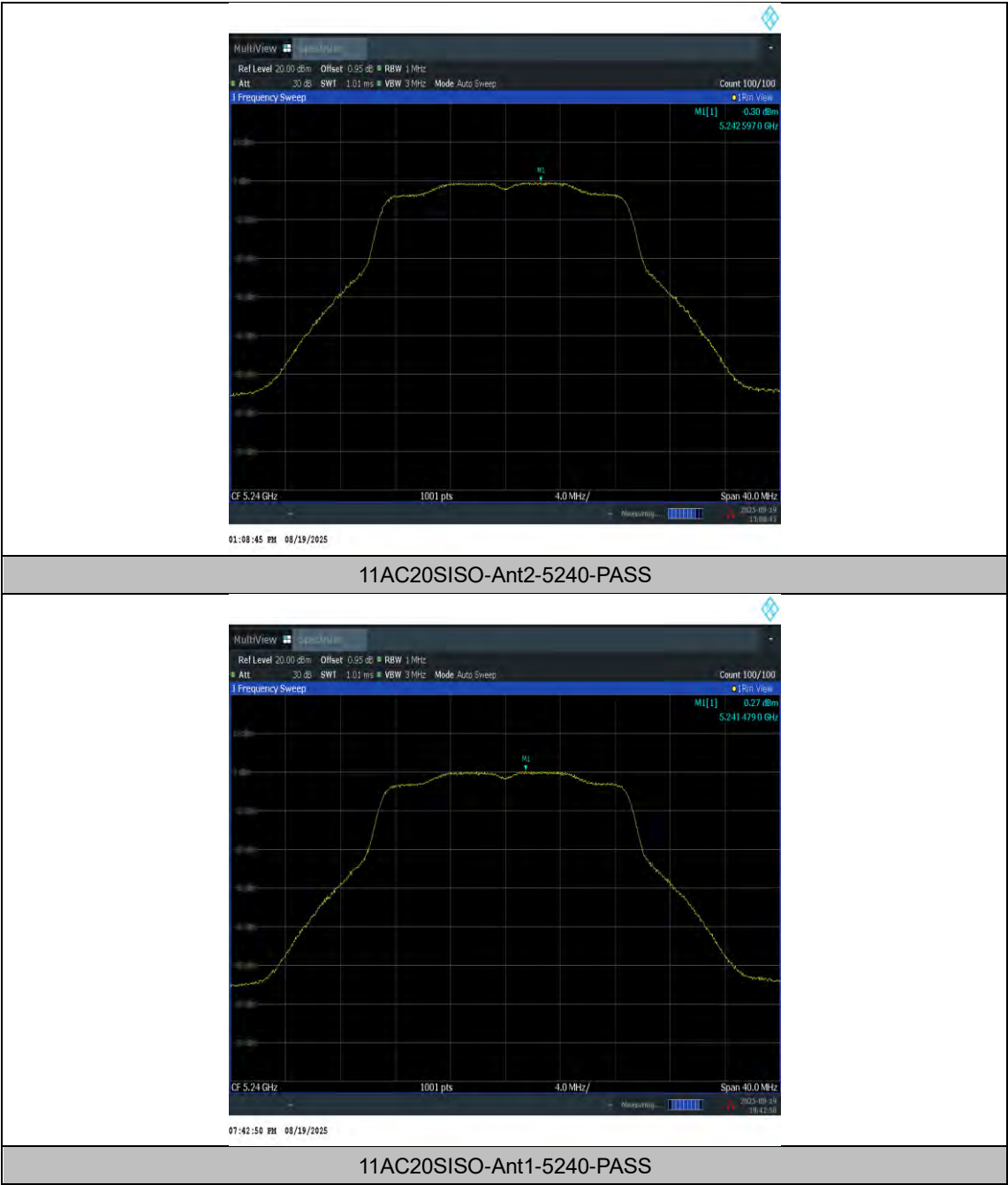


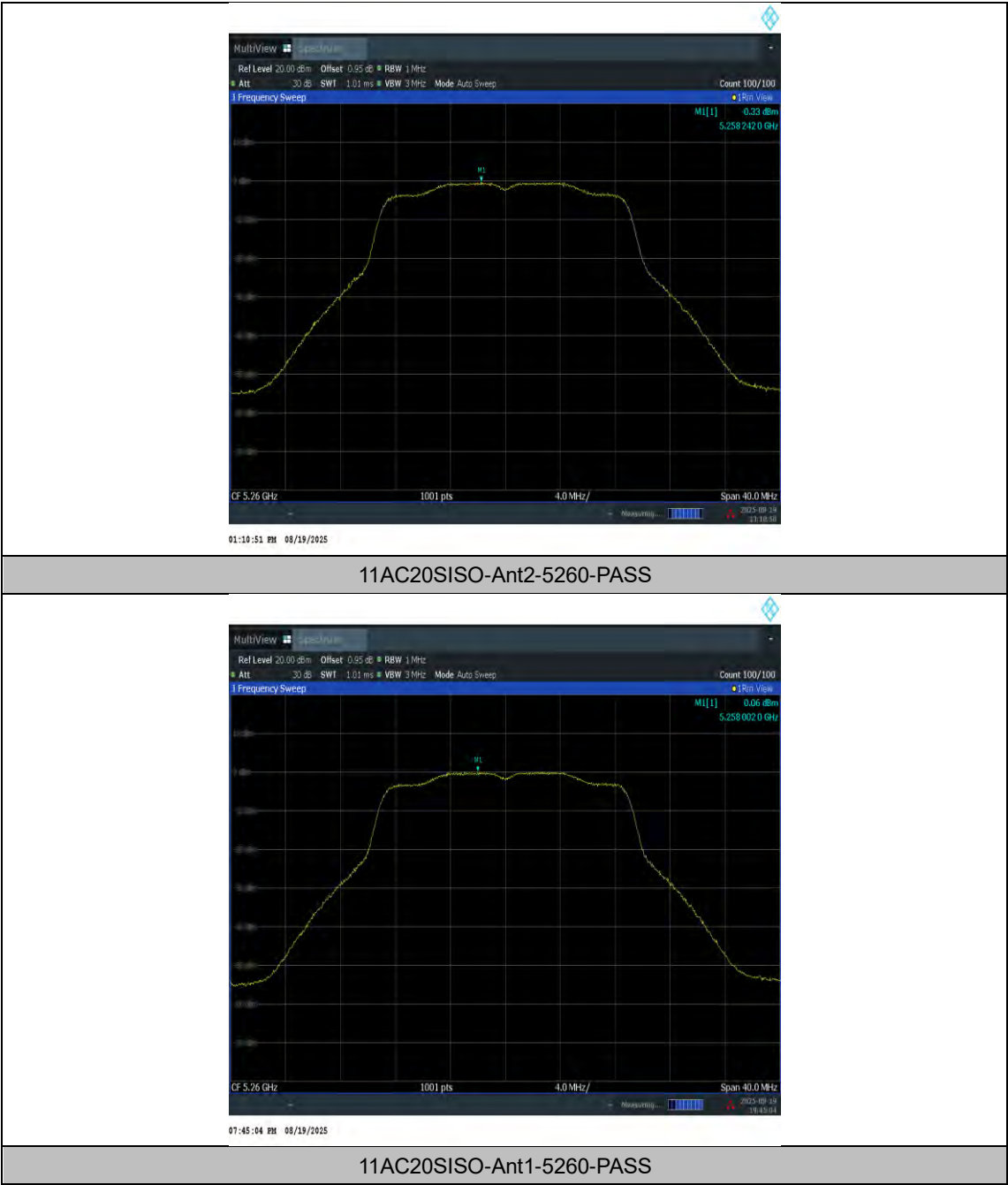


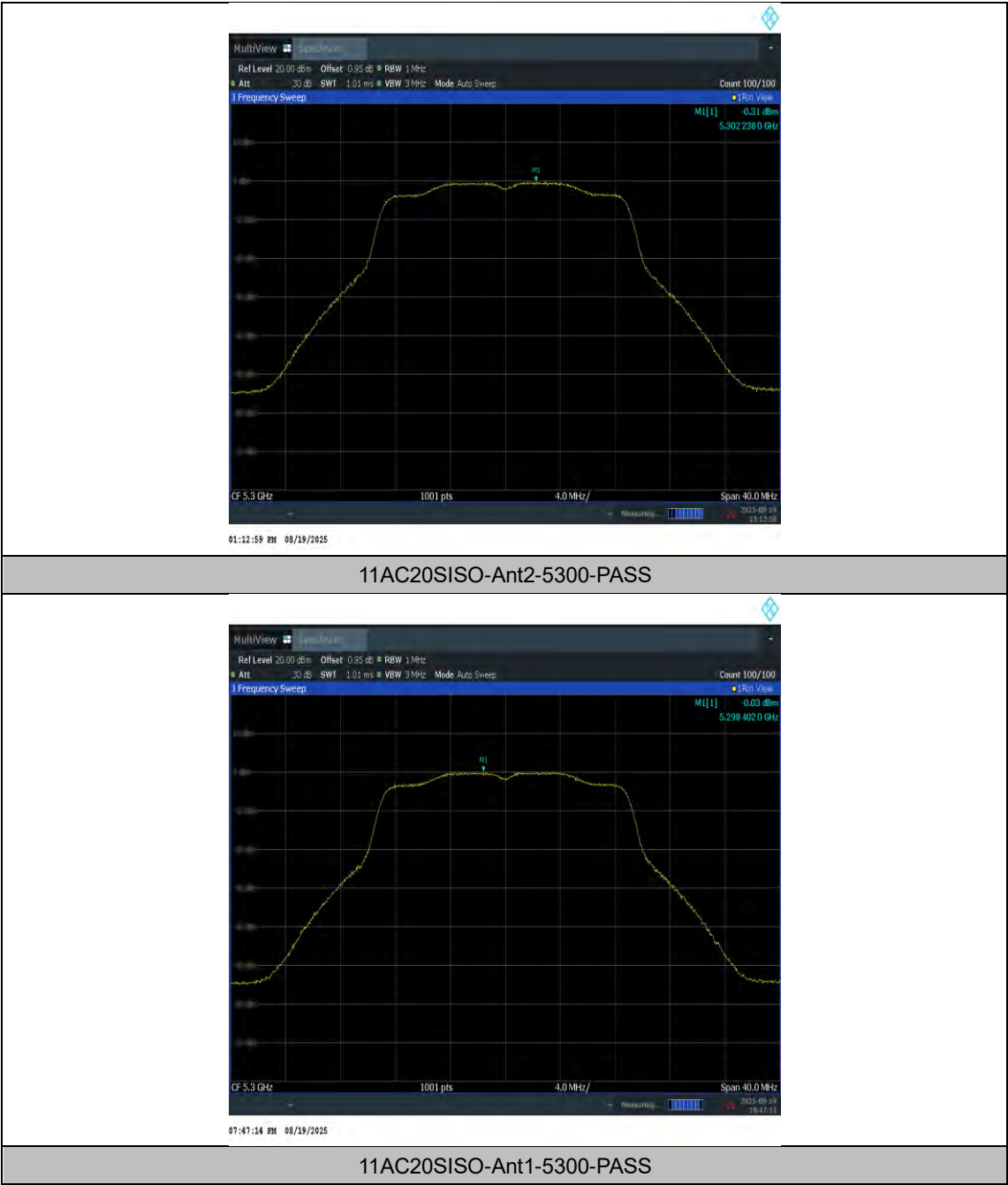


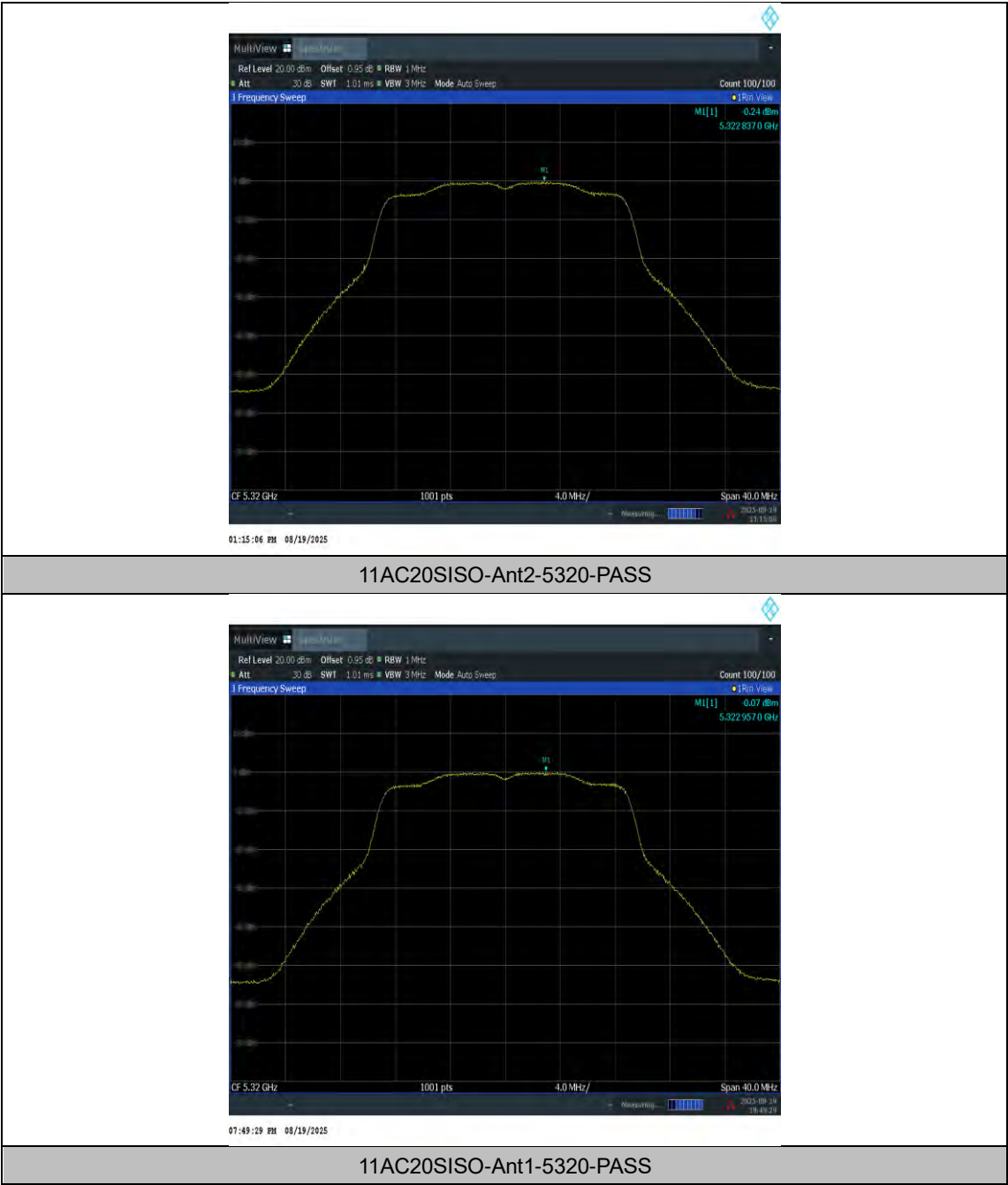


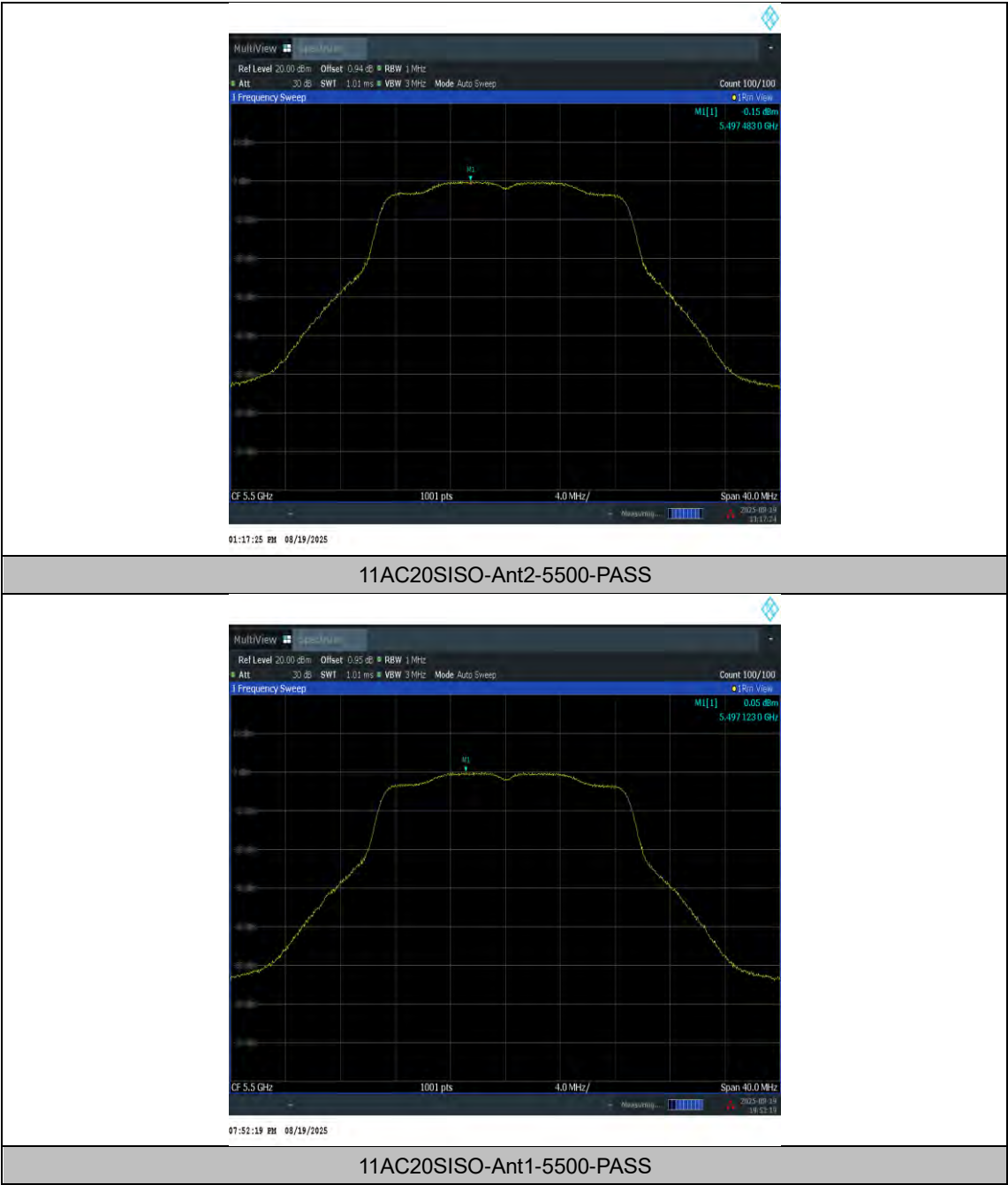


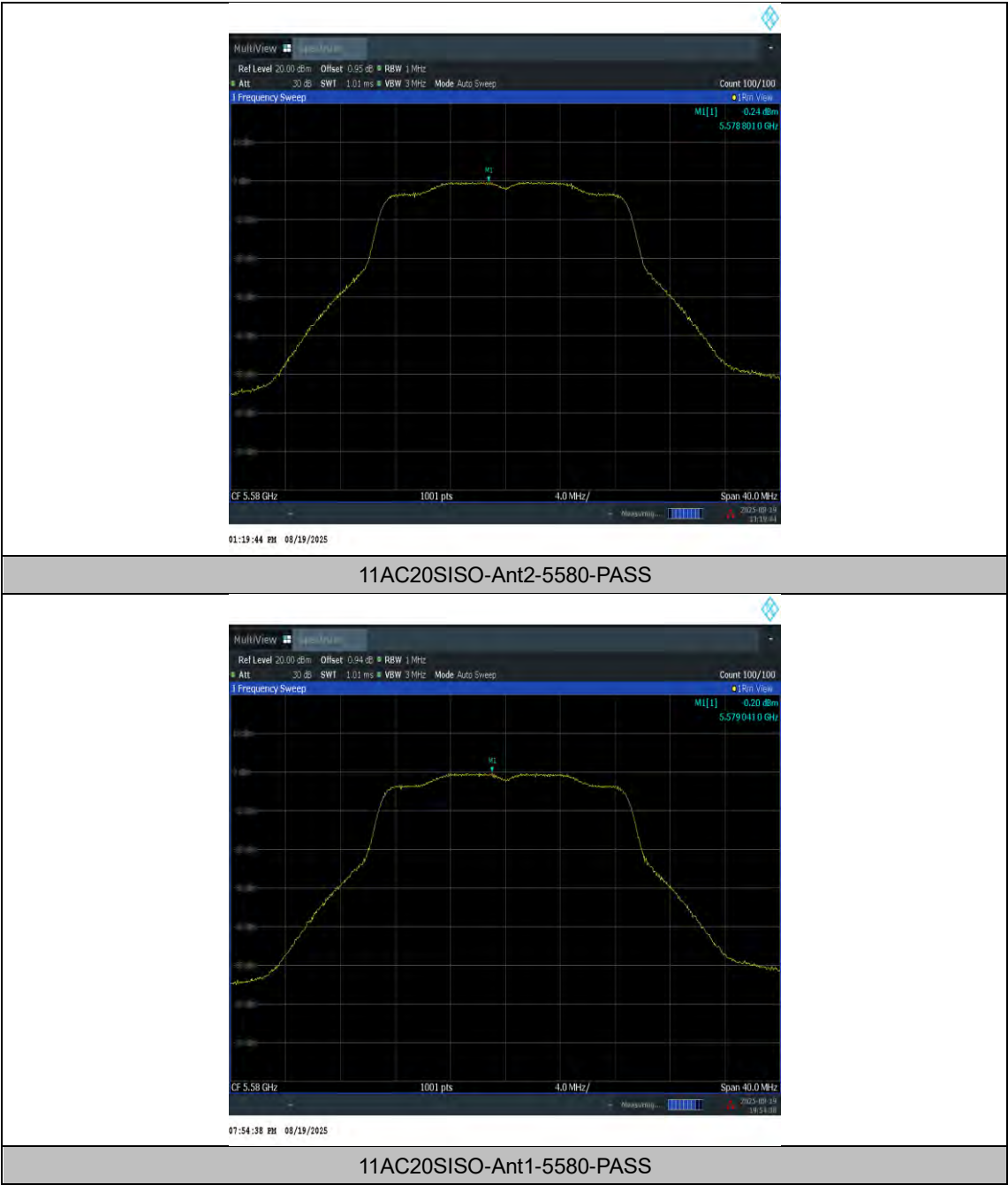


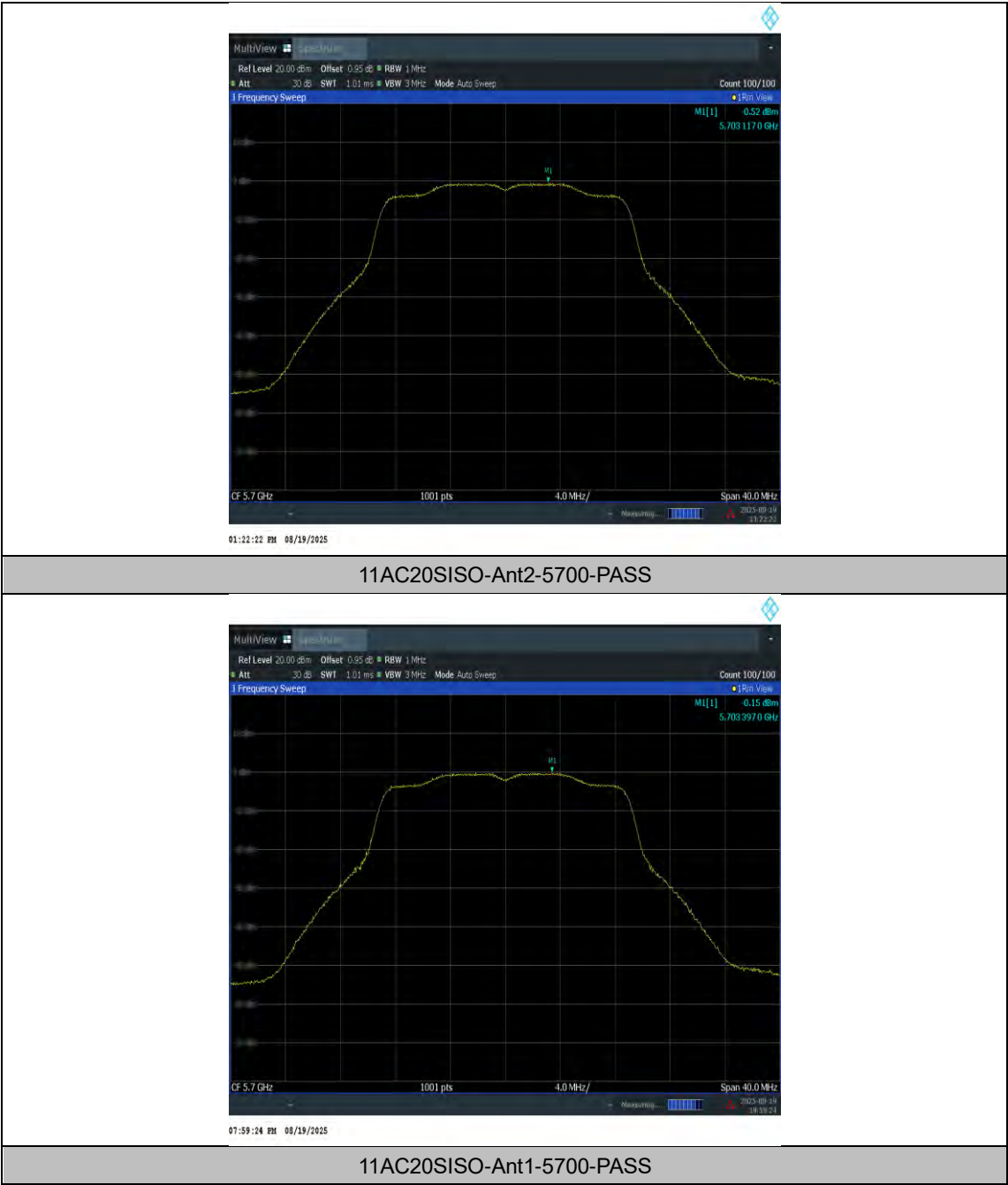


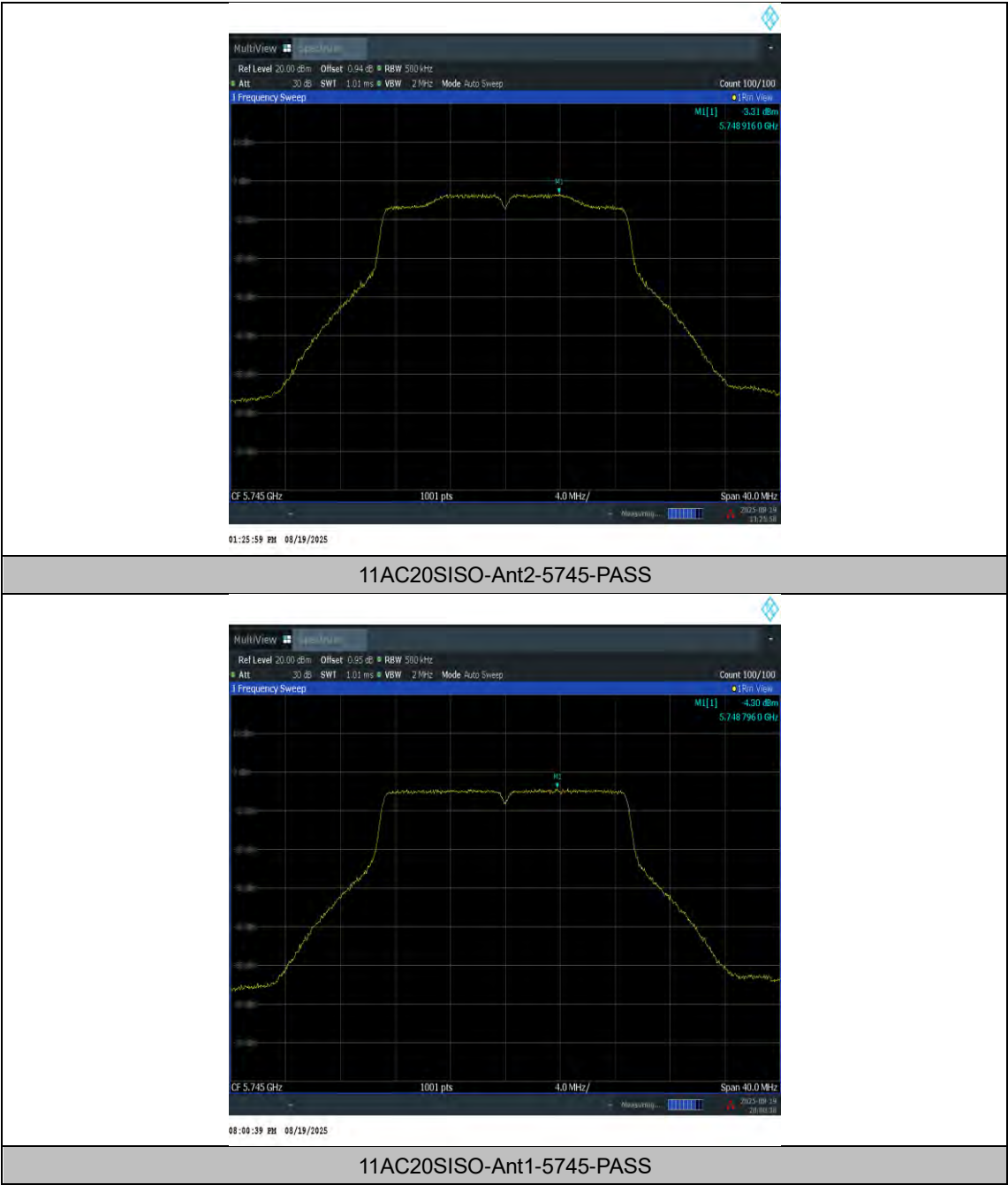


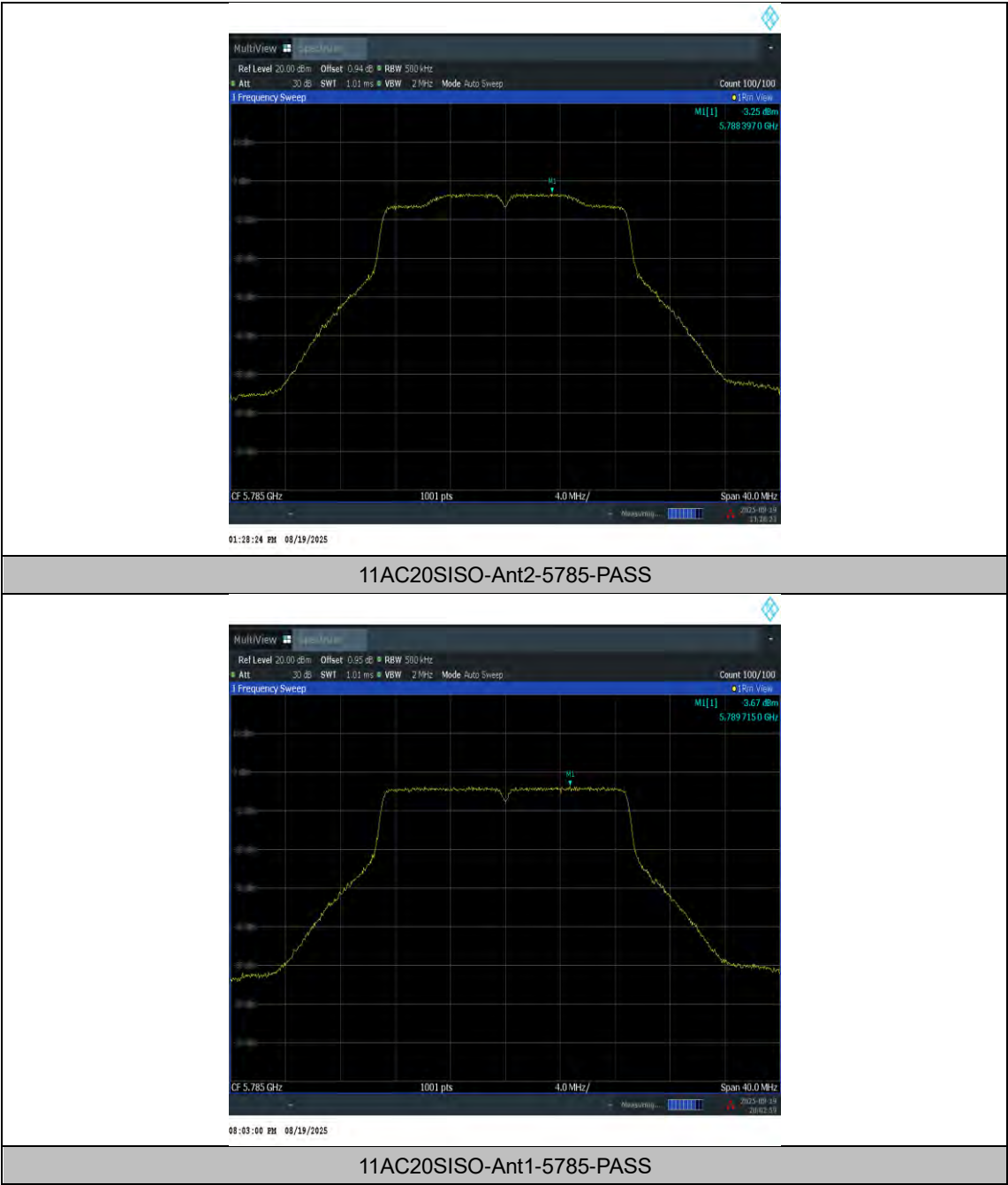


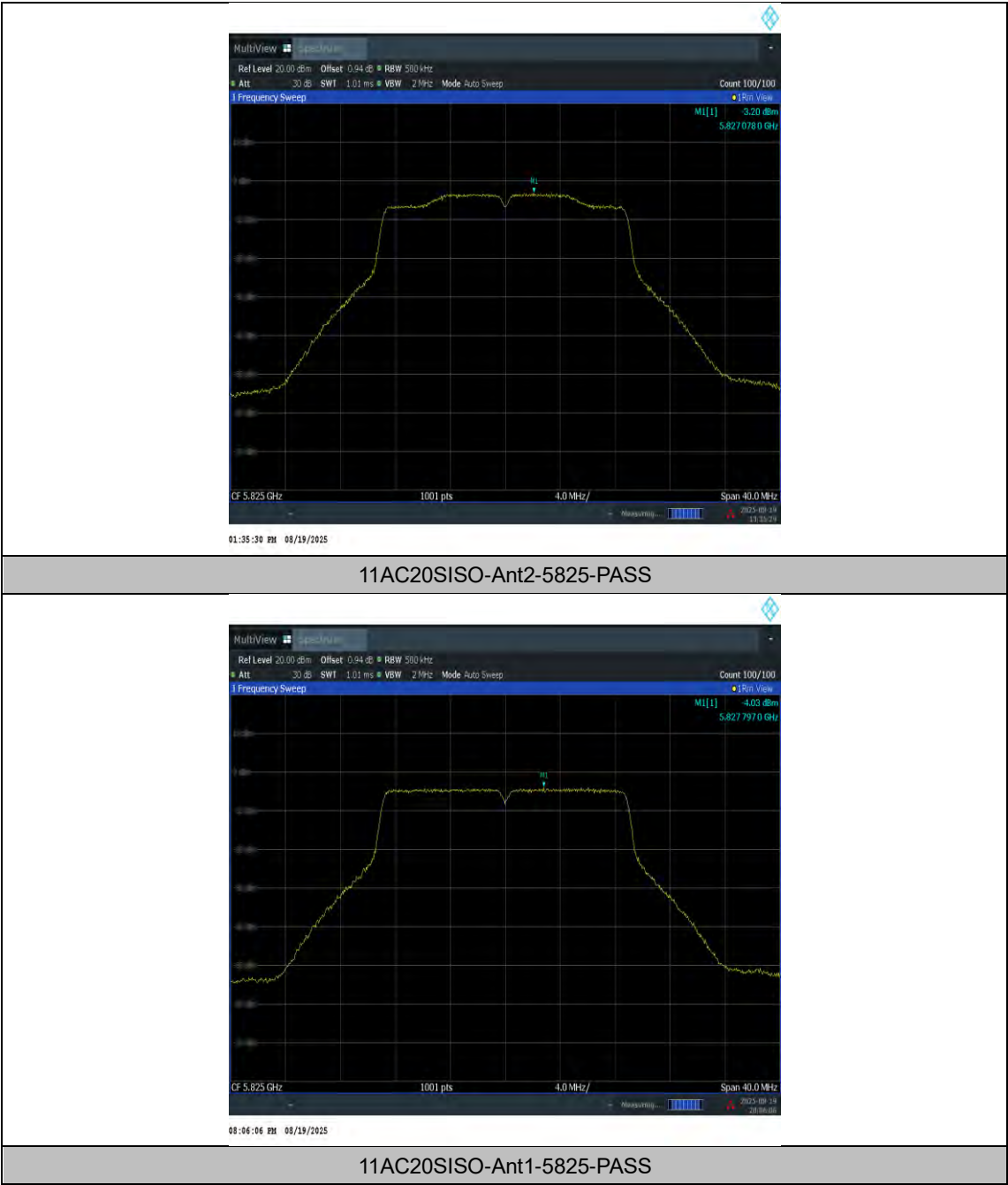


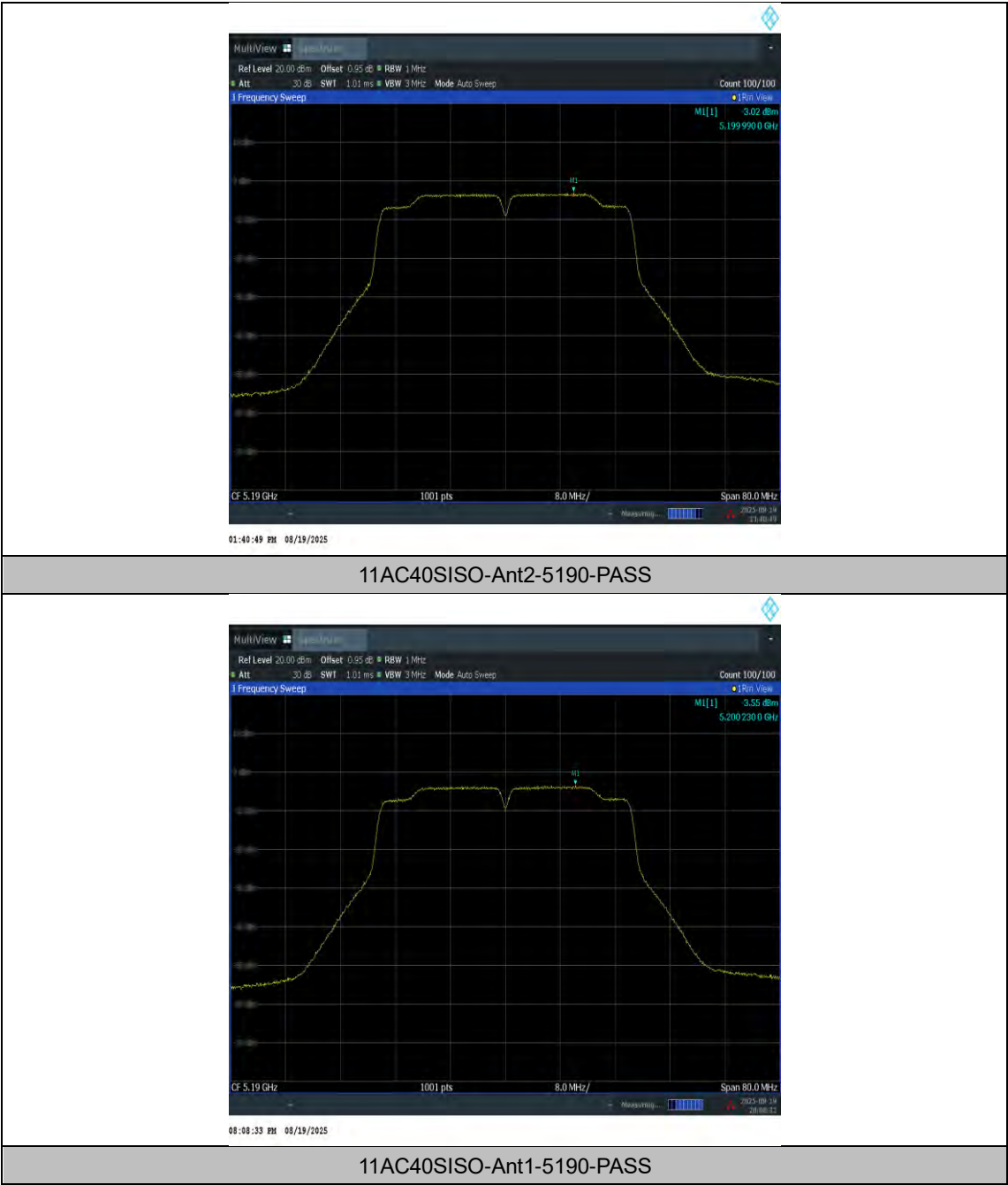










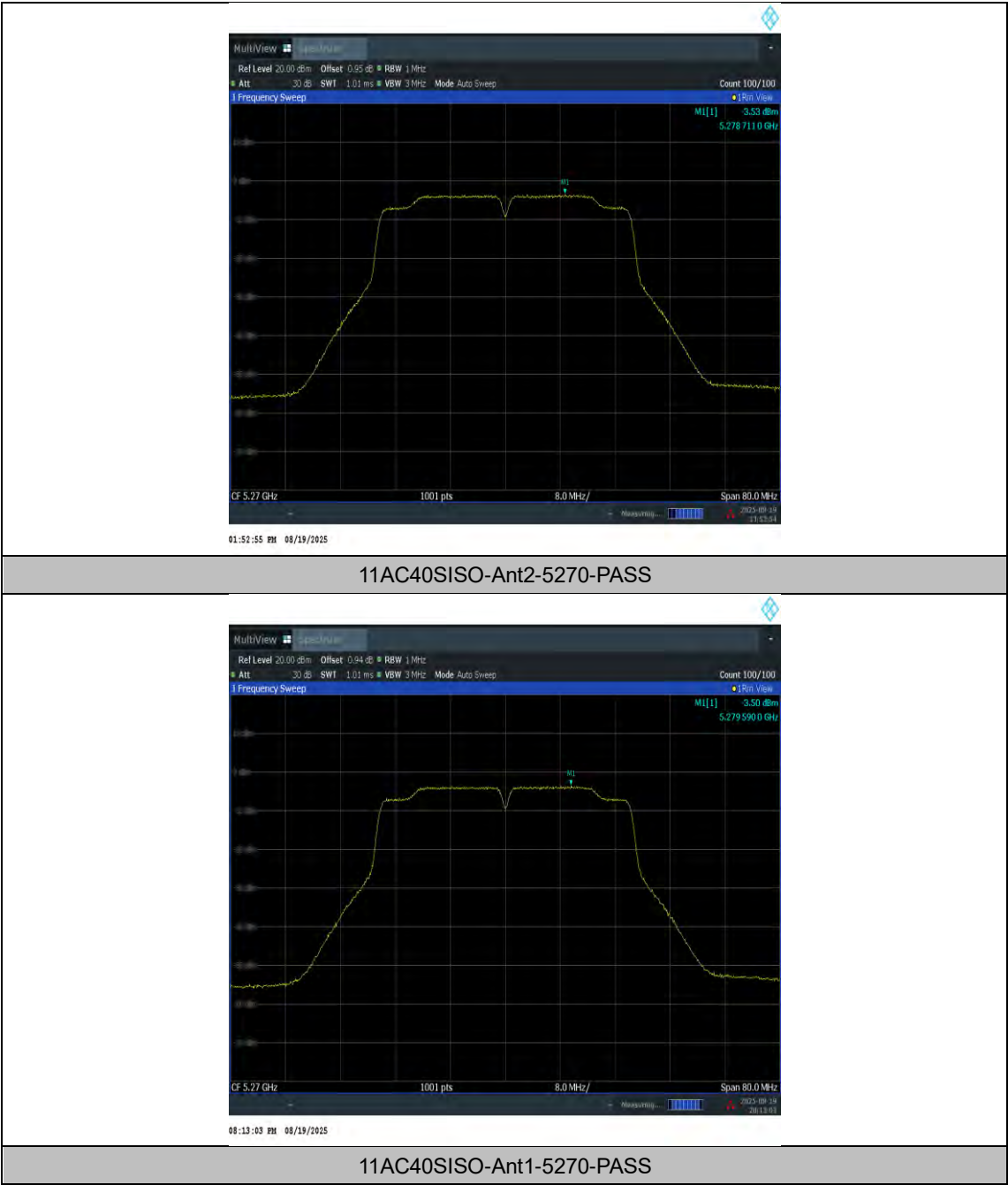




11AC40SISO-Ant2-5230-PASS



11AC40SISO-Ant1-5230-PASS

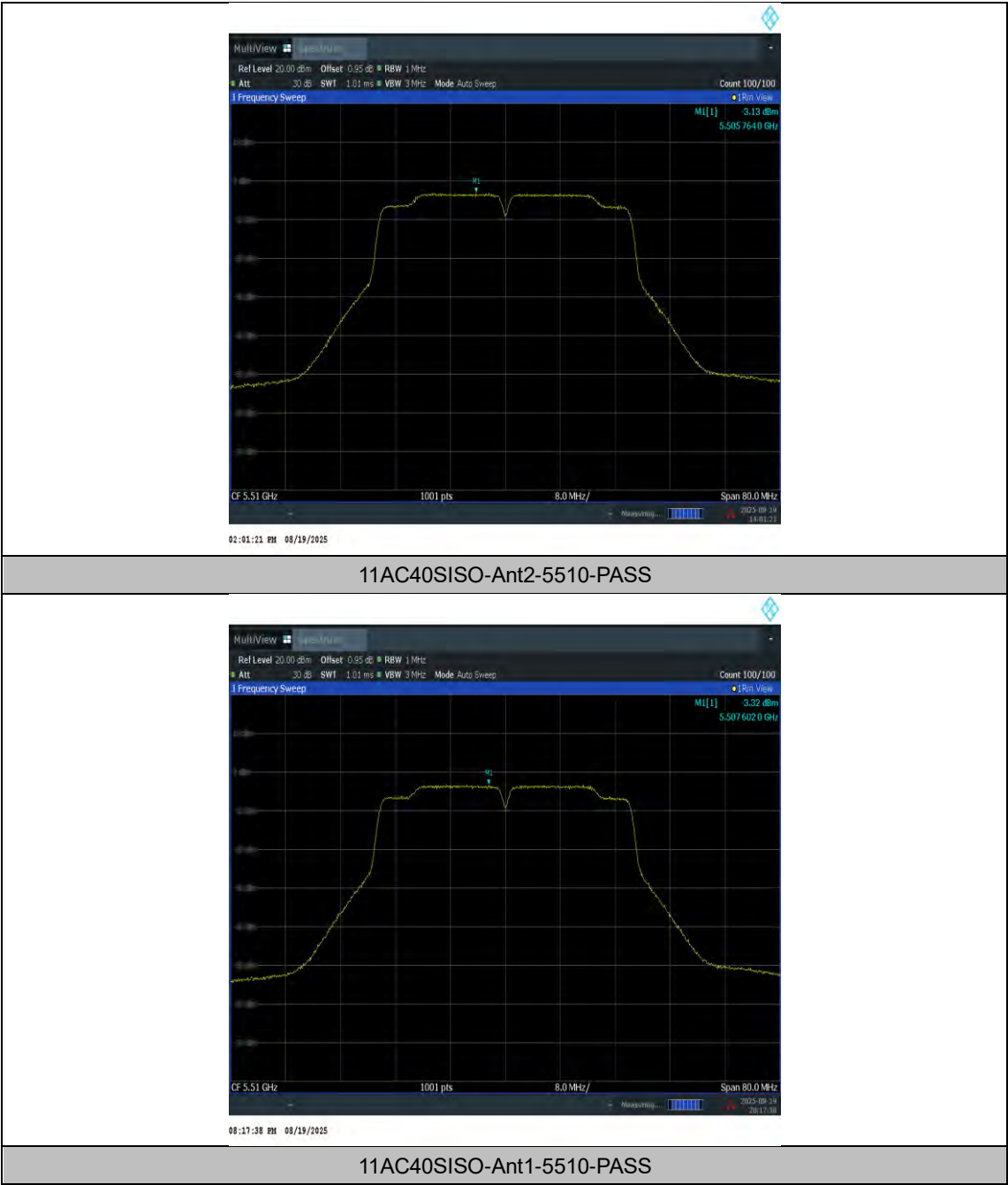


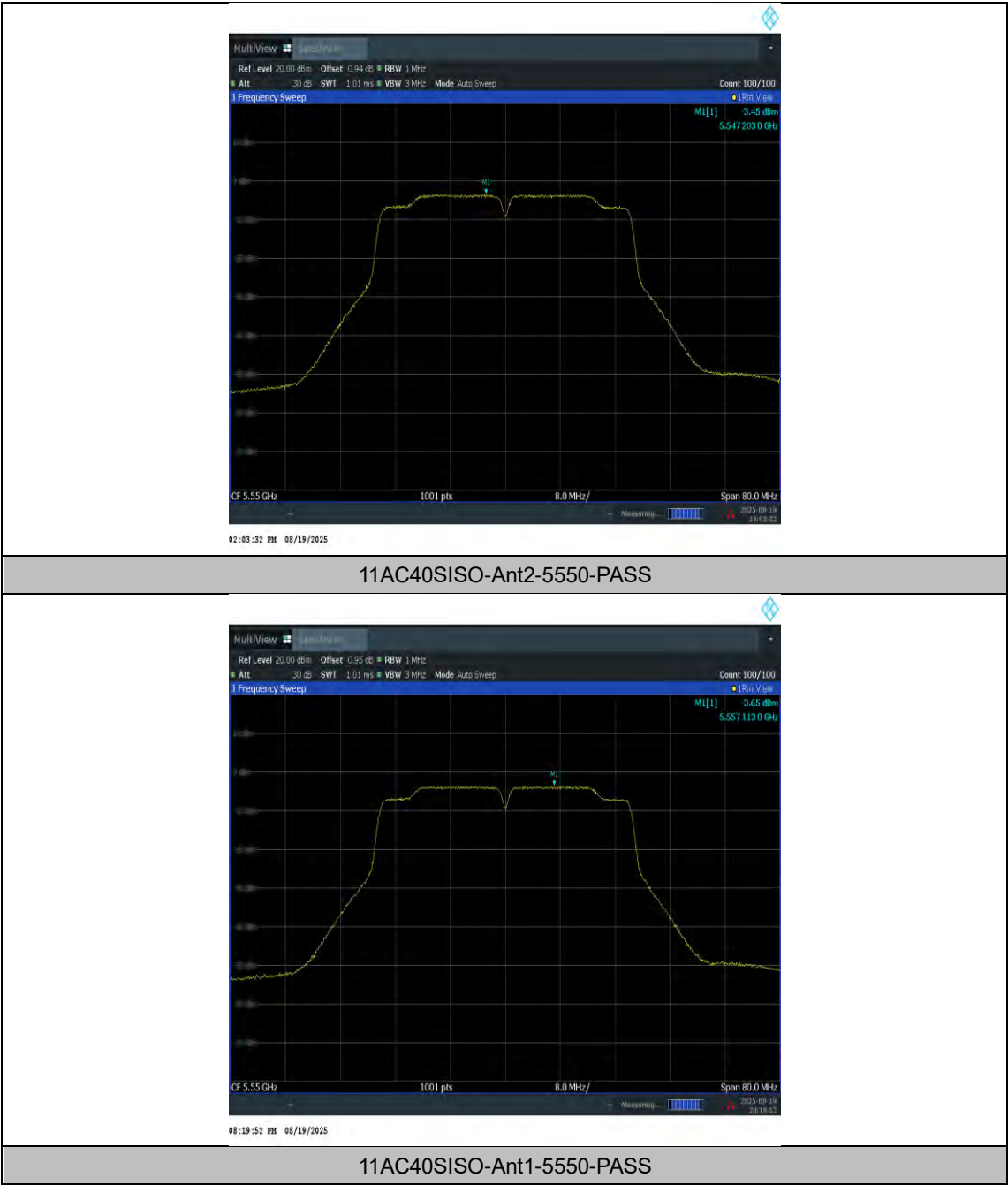


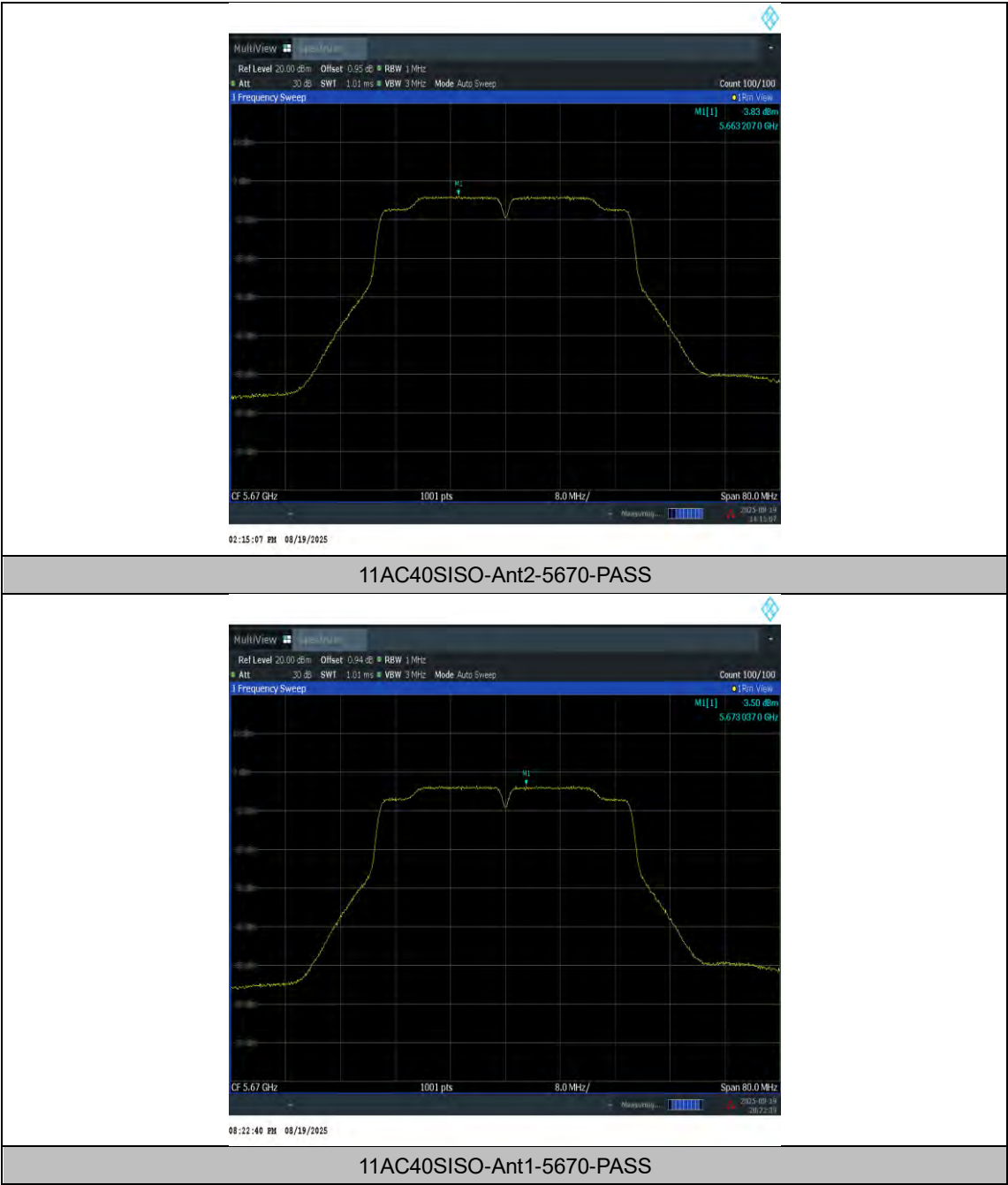
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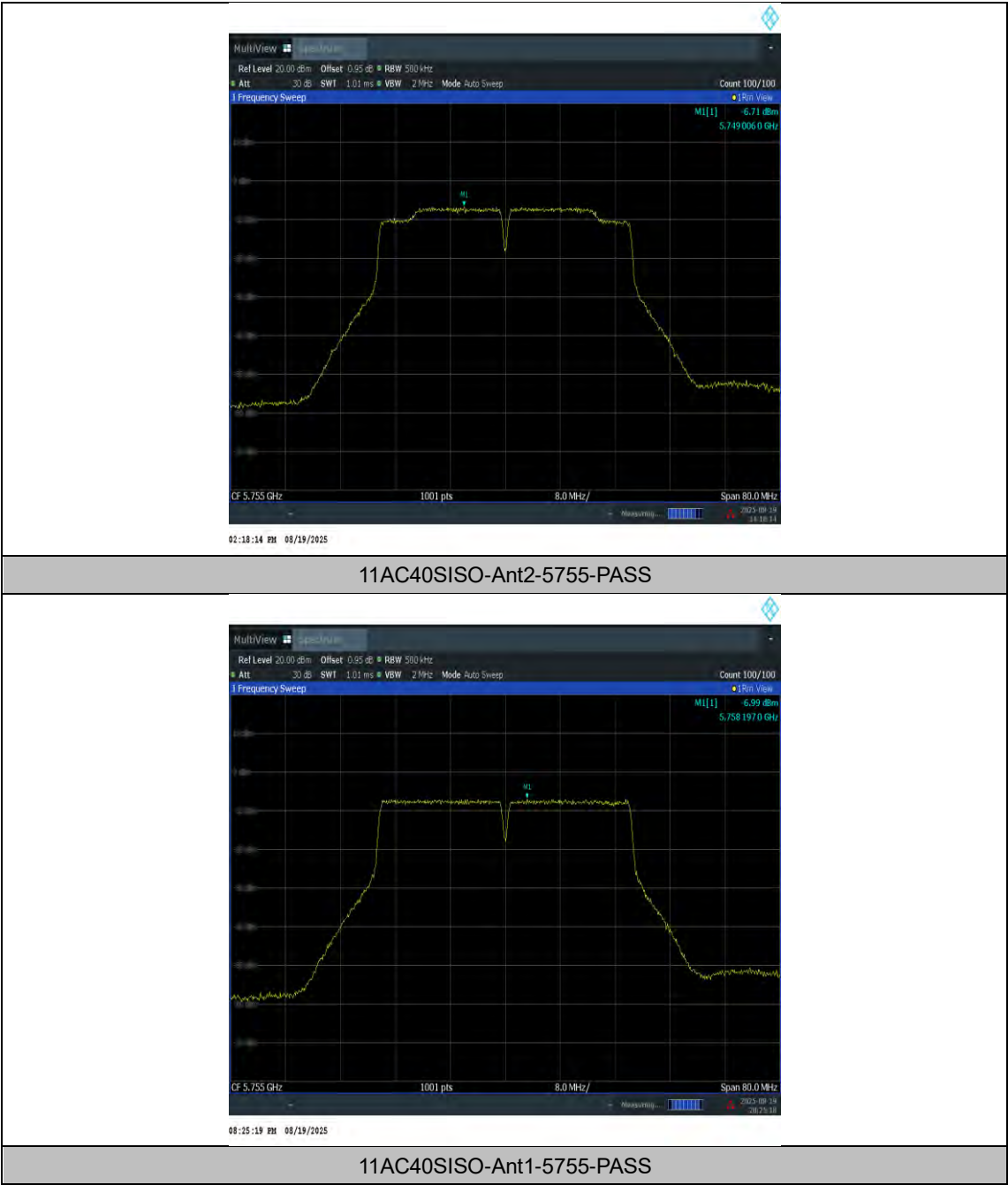


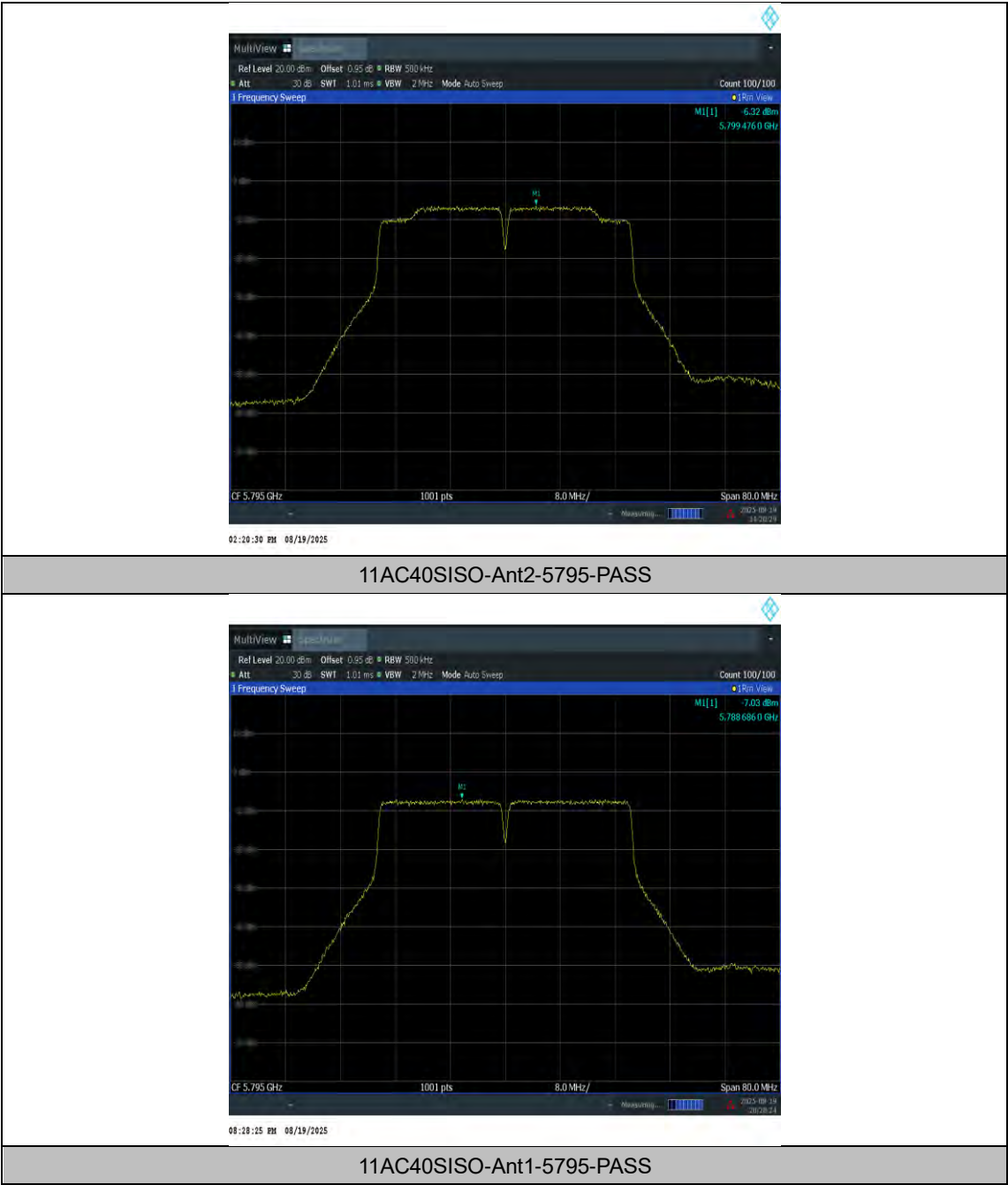
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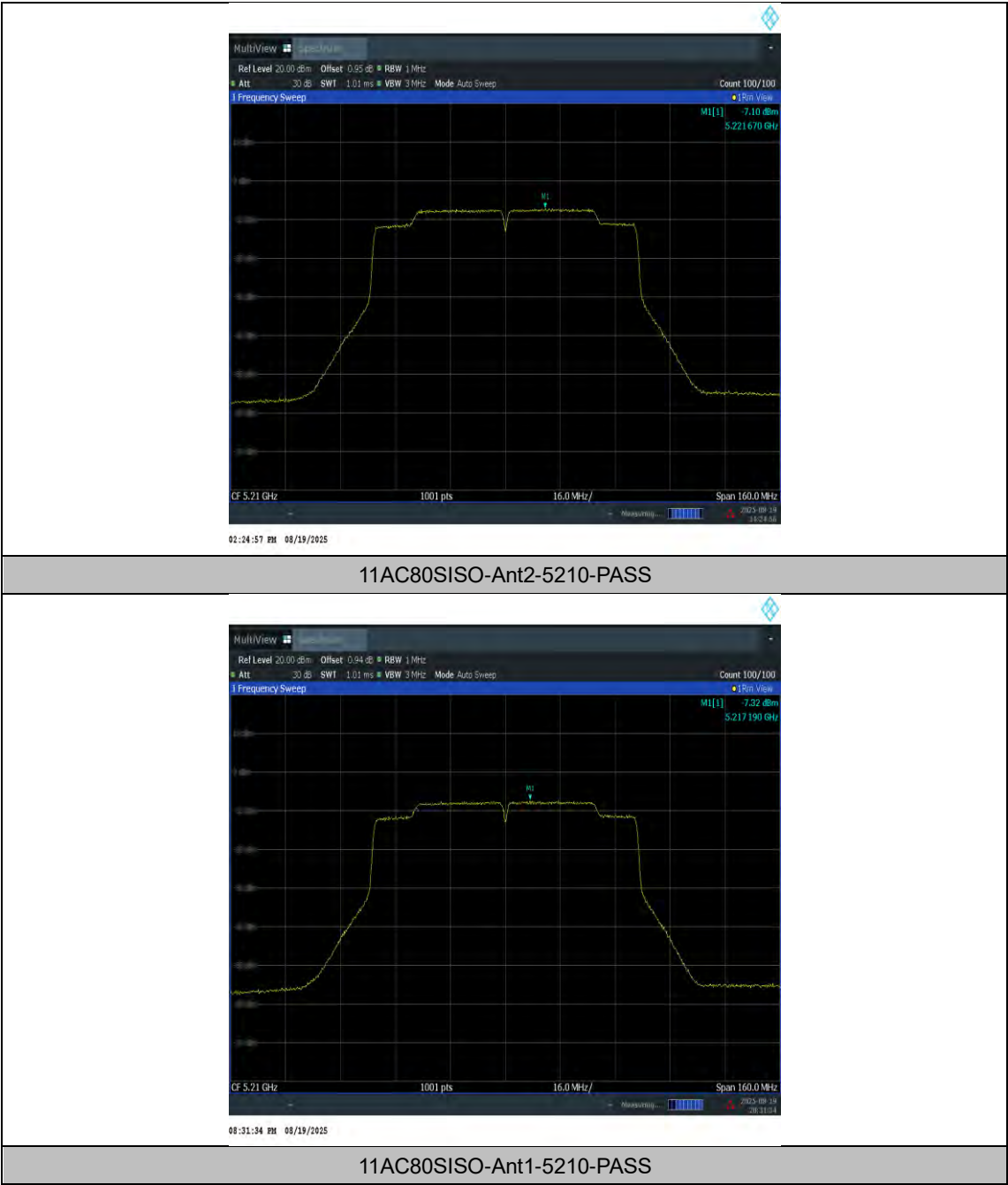


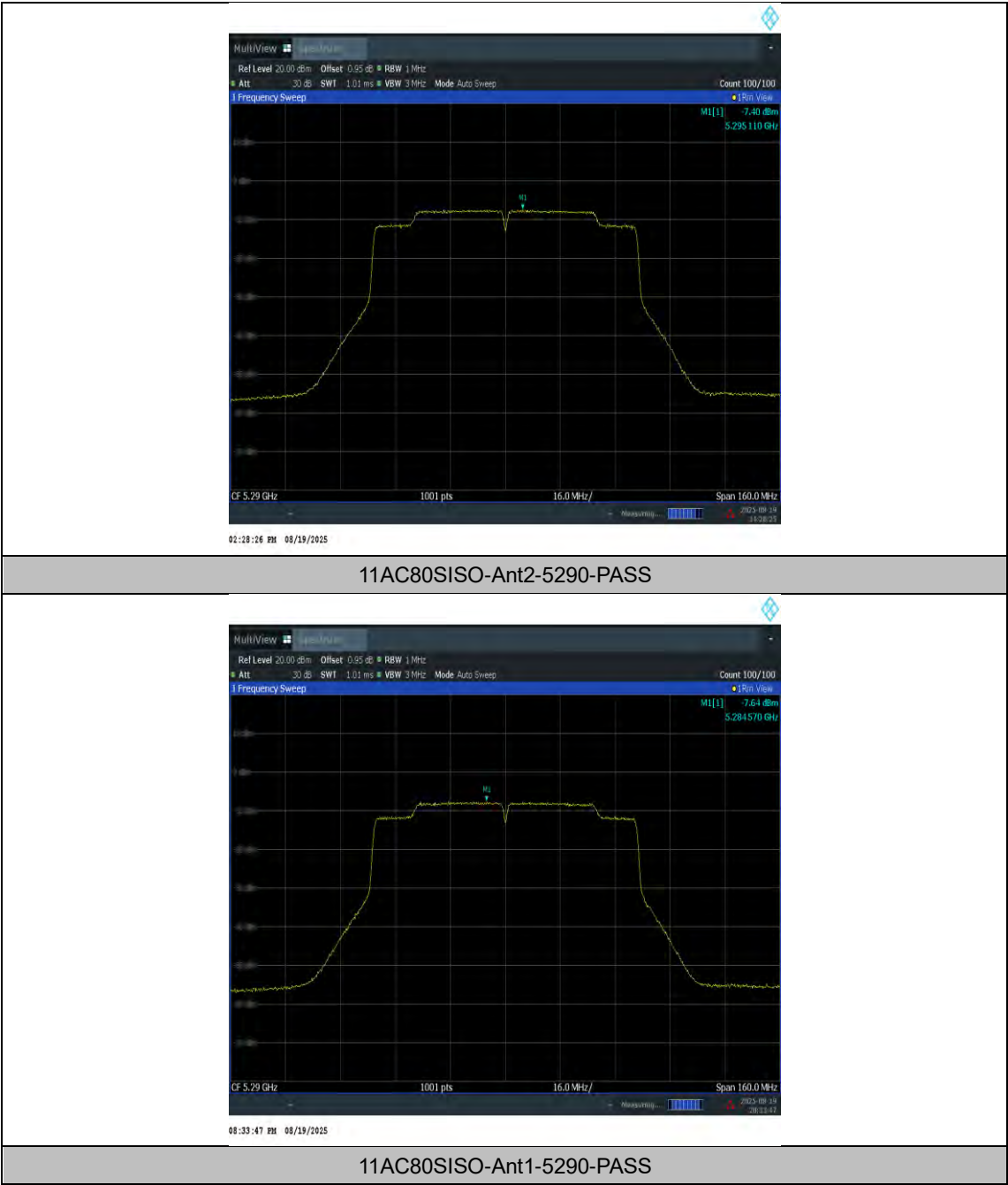


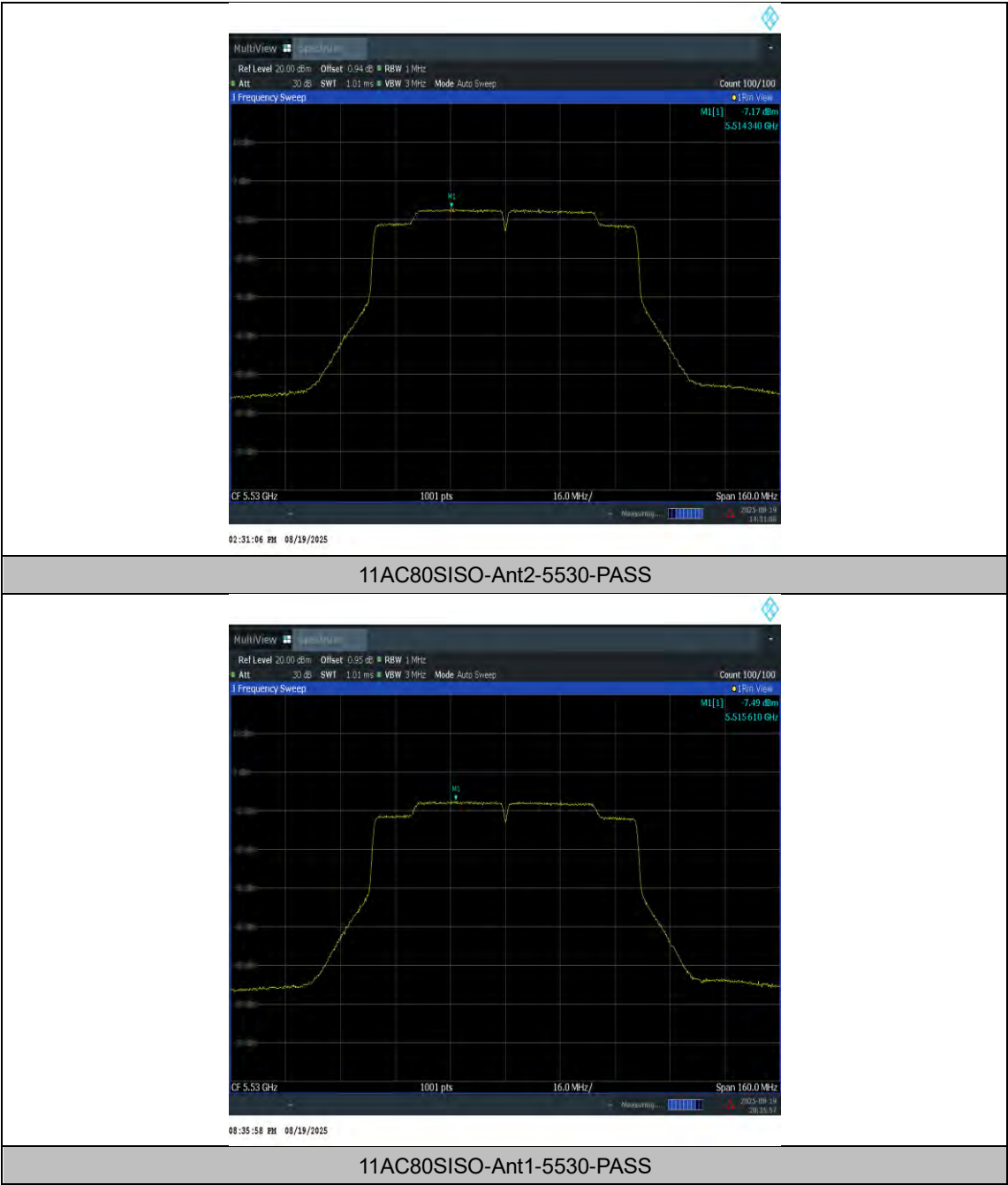


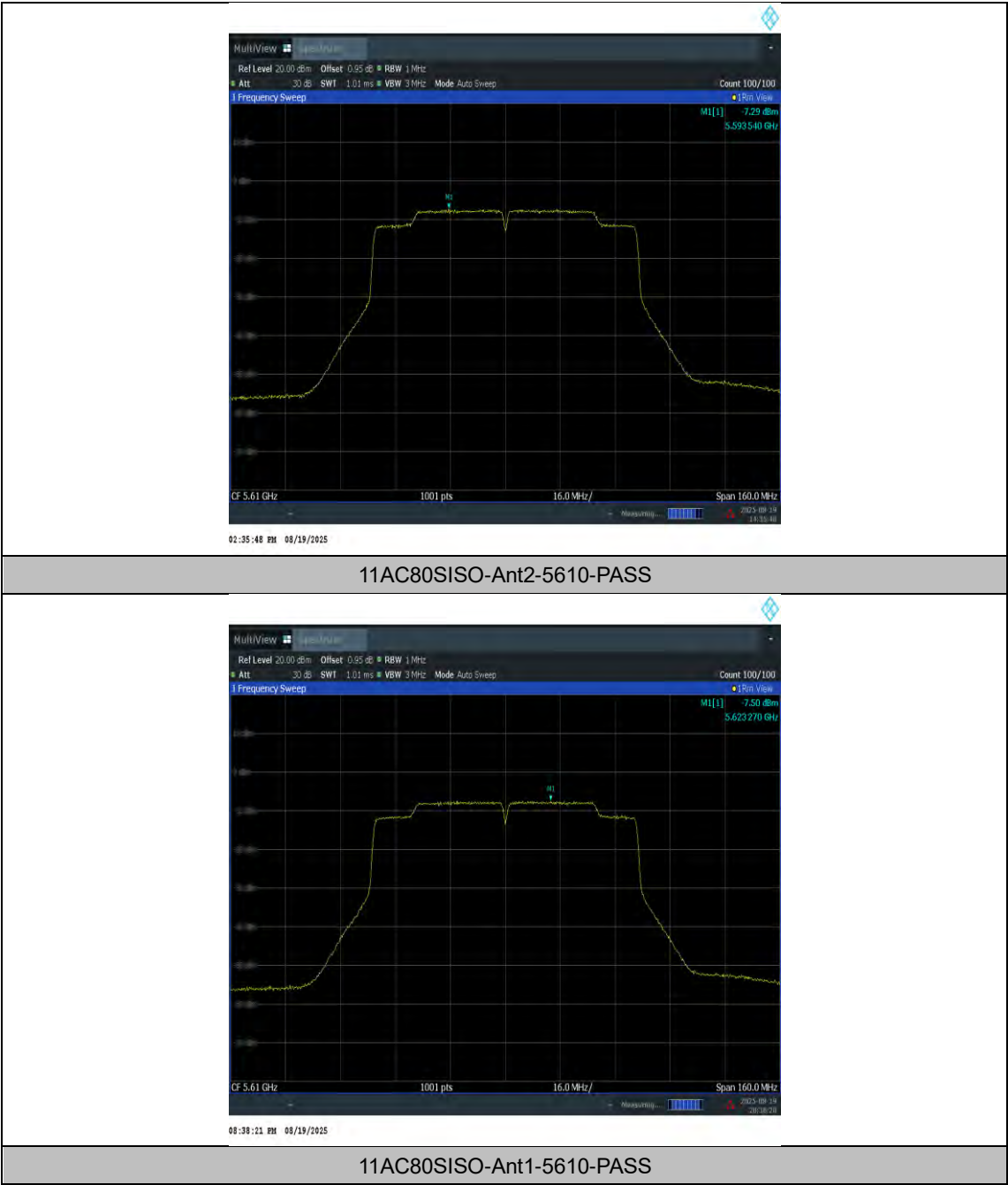


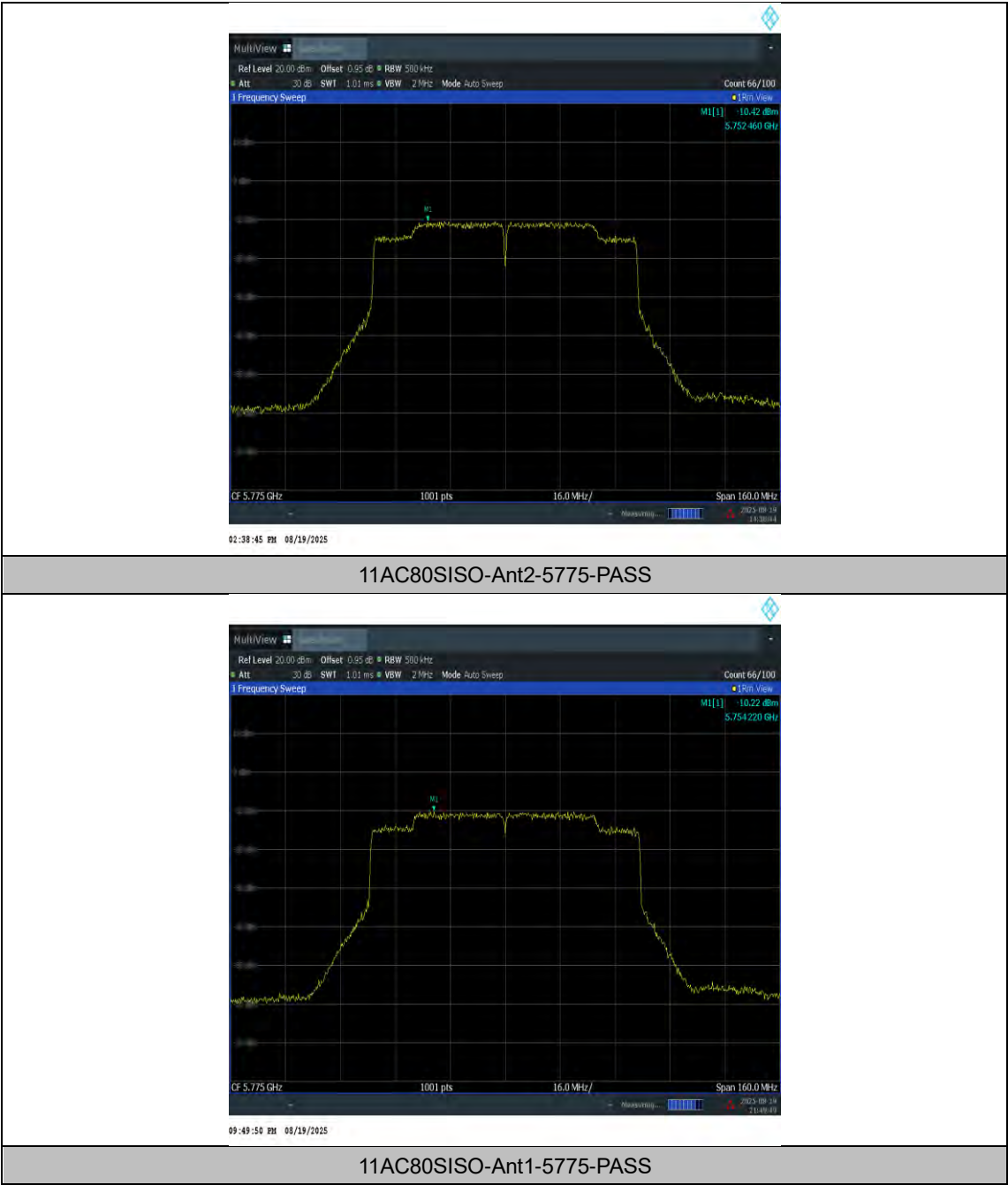


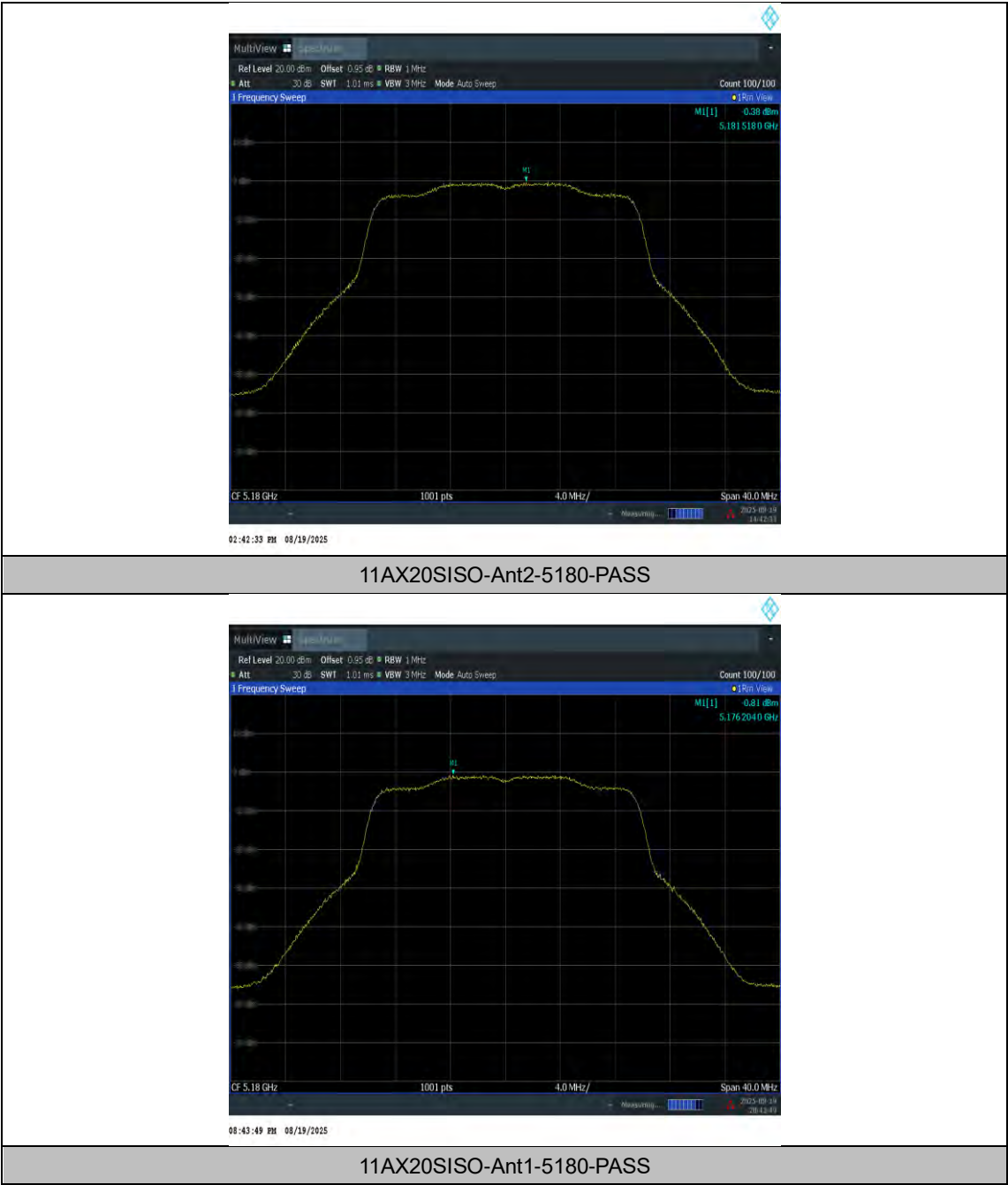


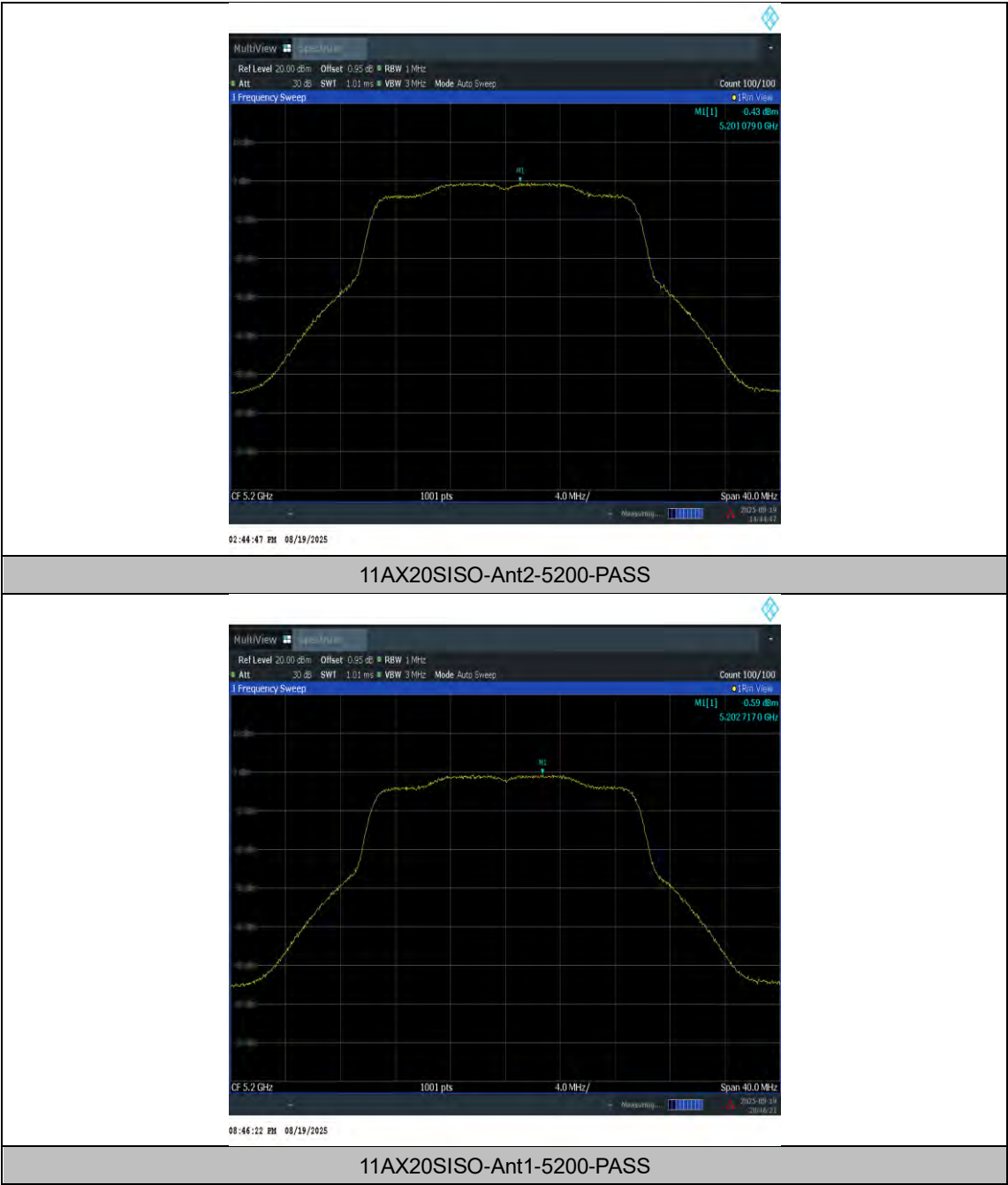










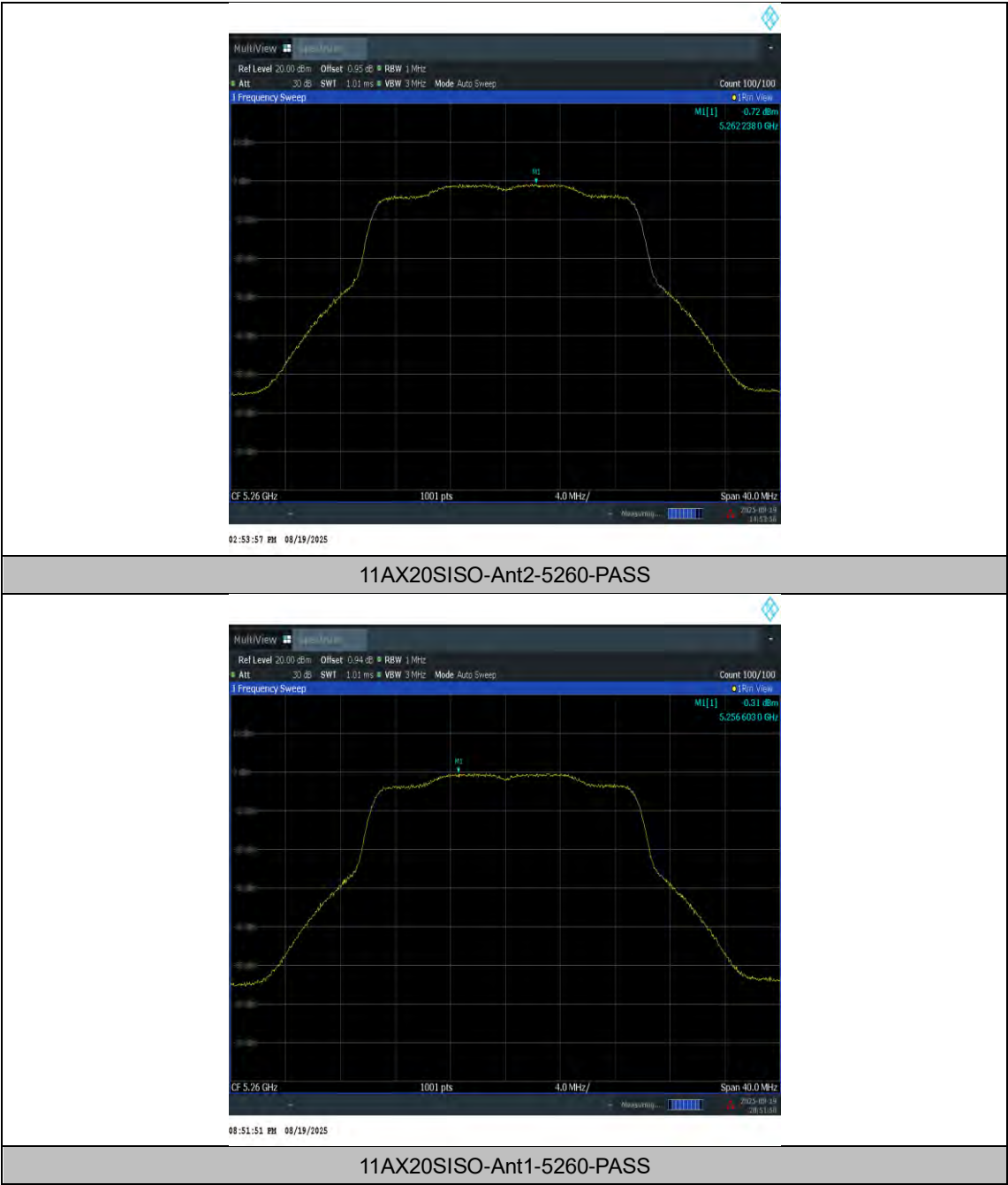


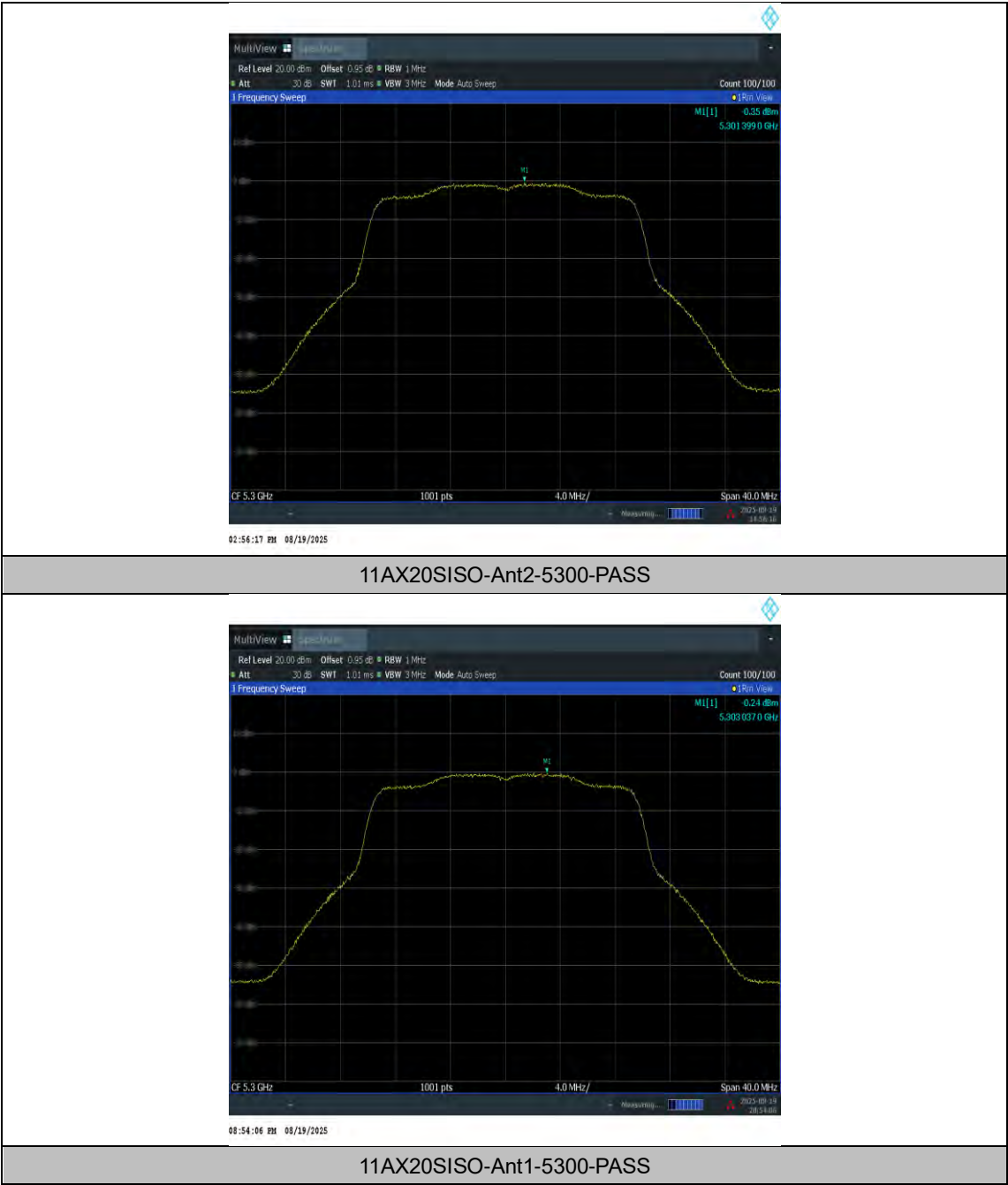


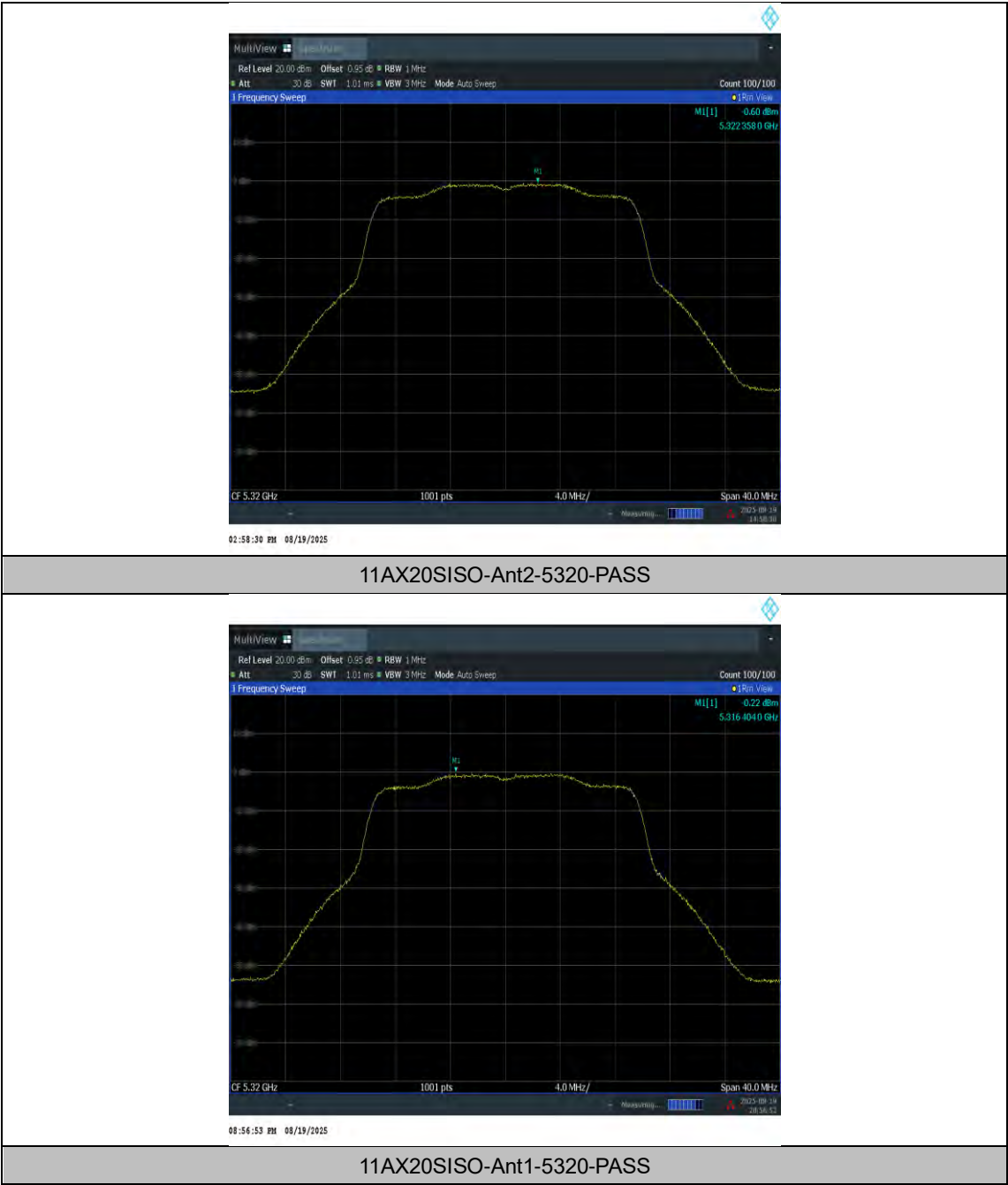
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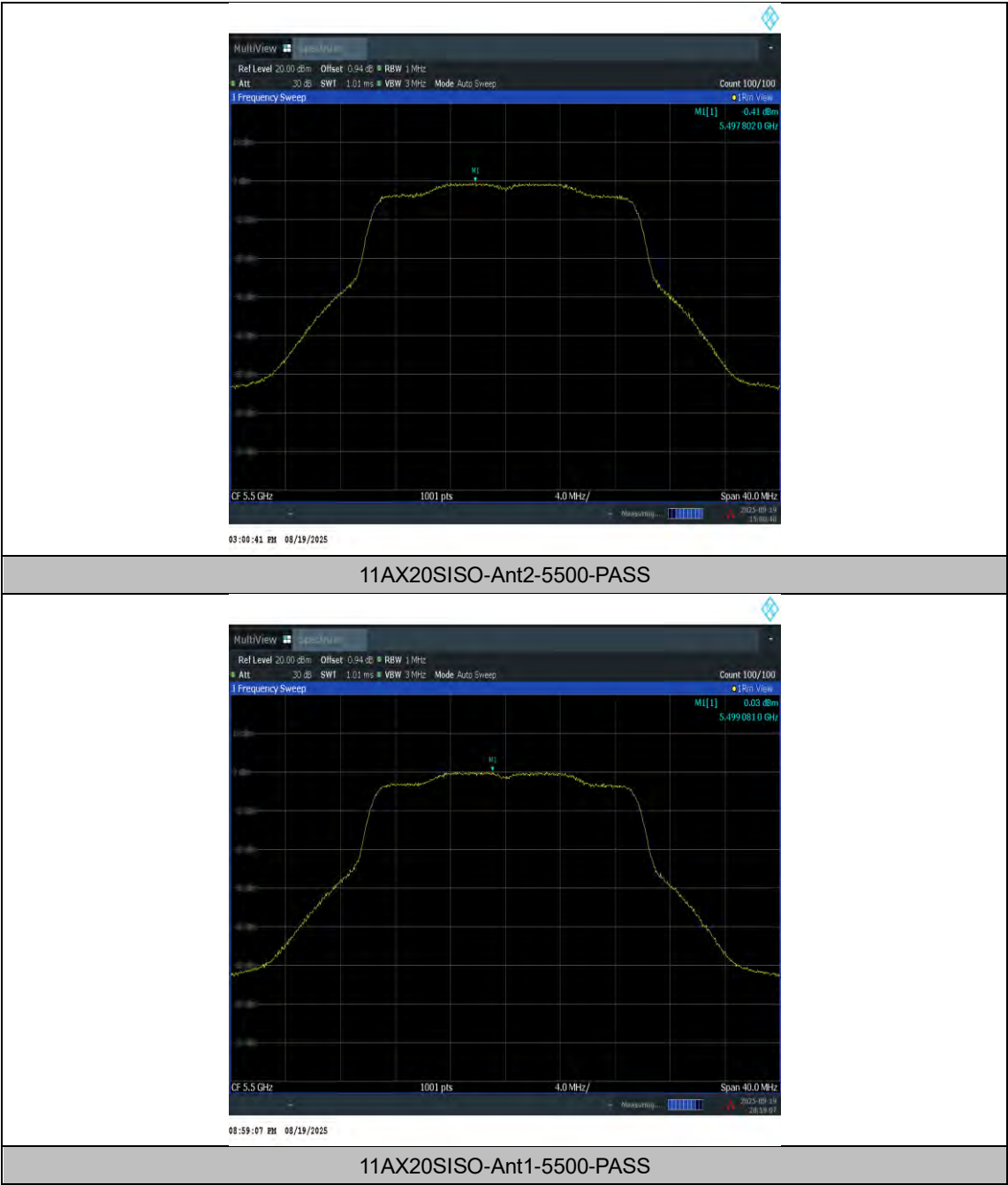


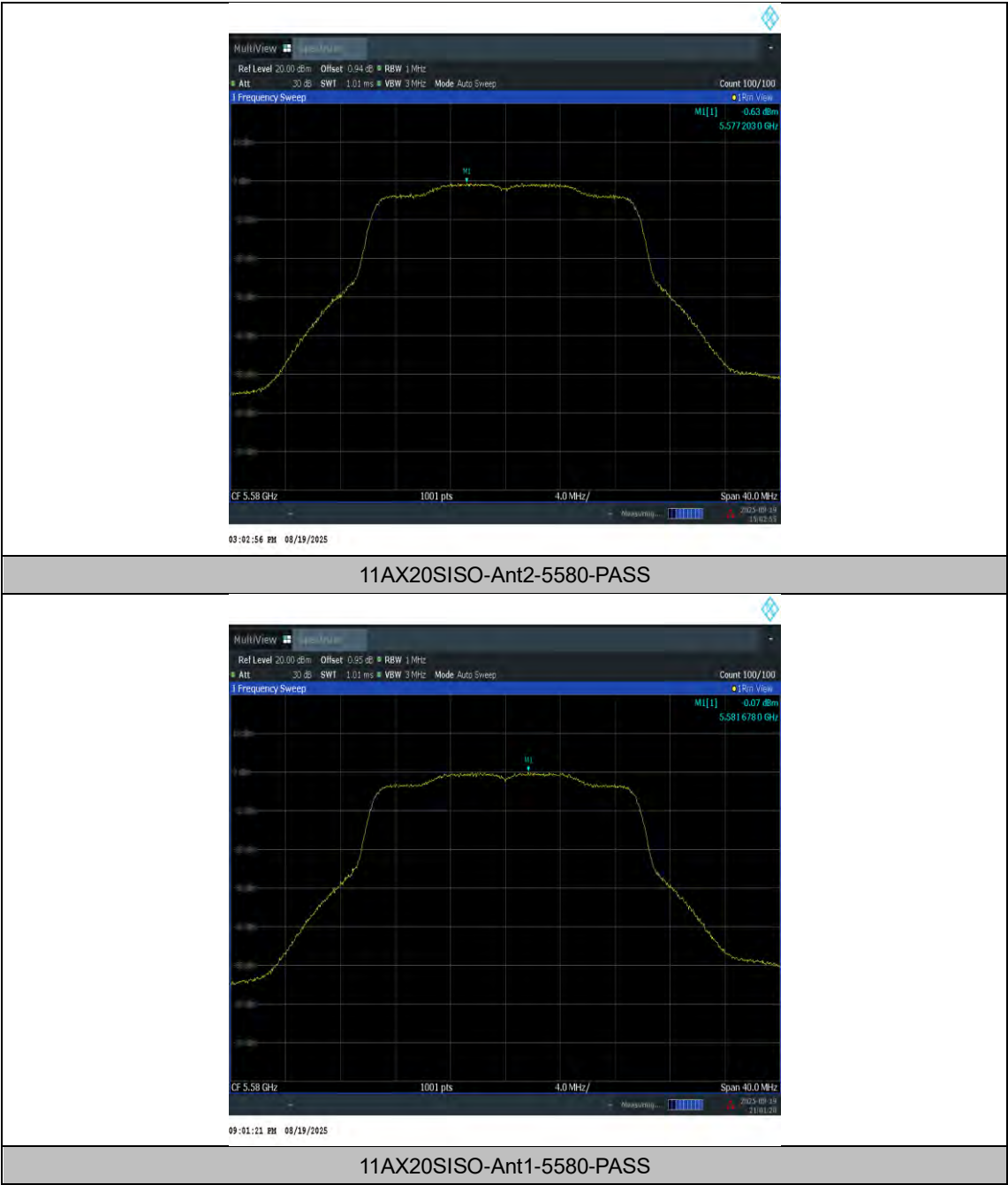
11AX20SISO-Ant1-5240-PASS

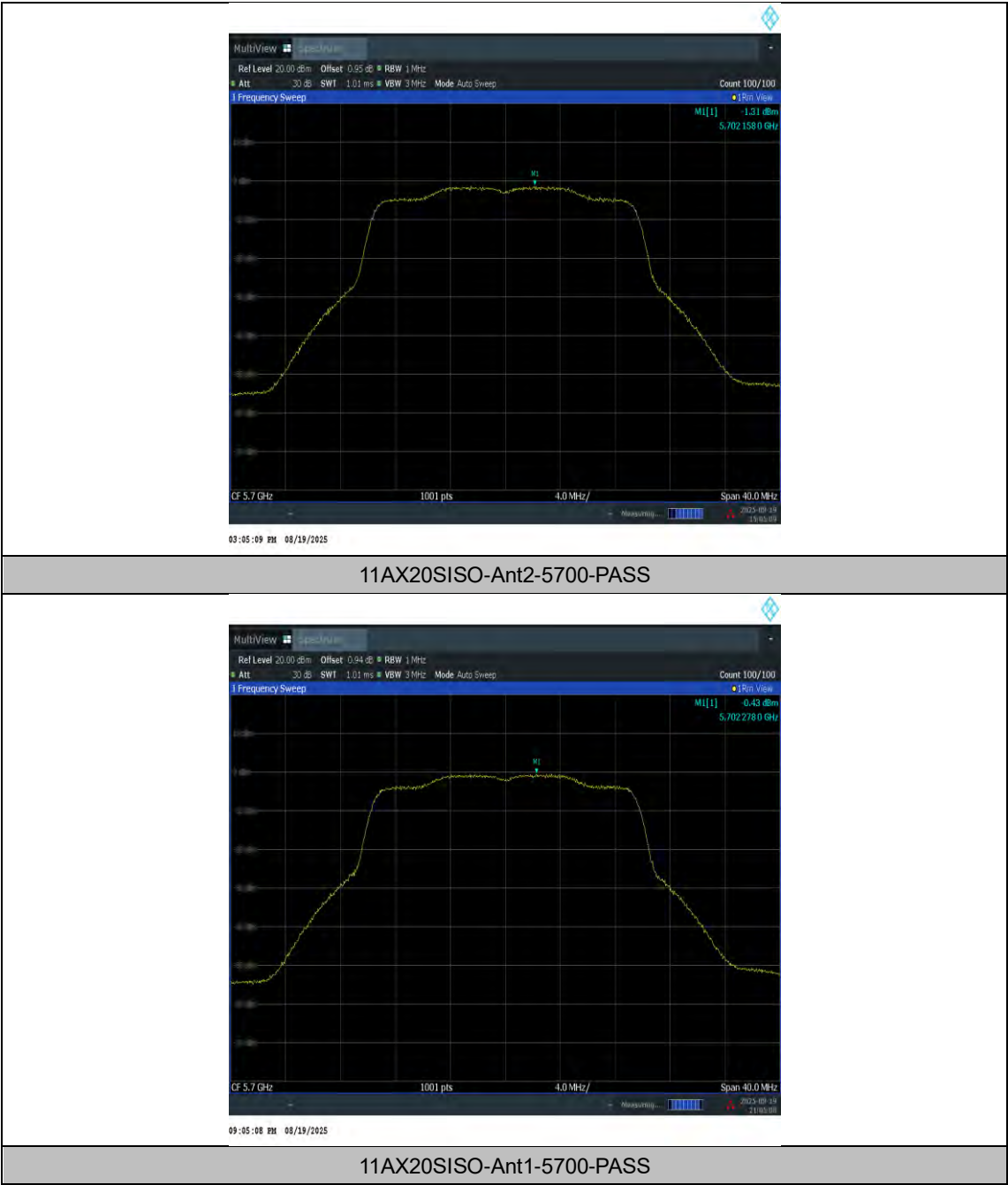


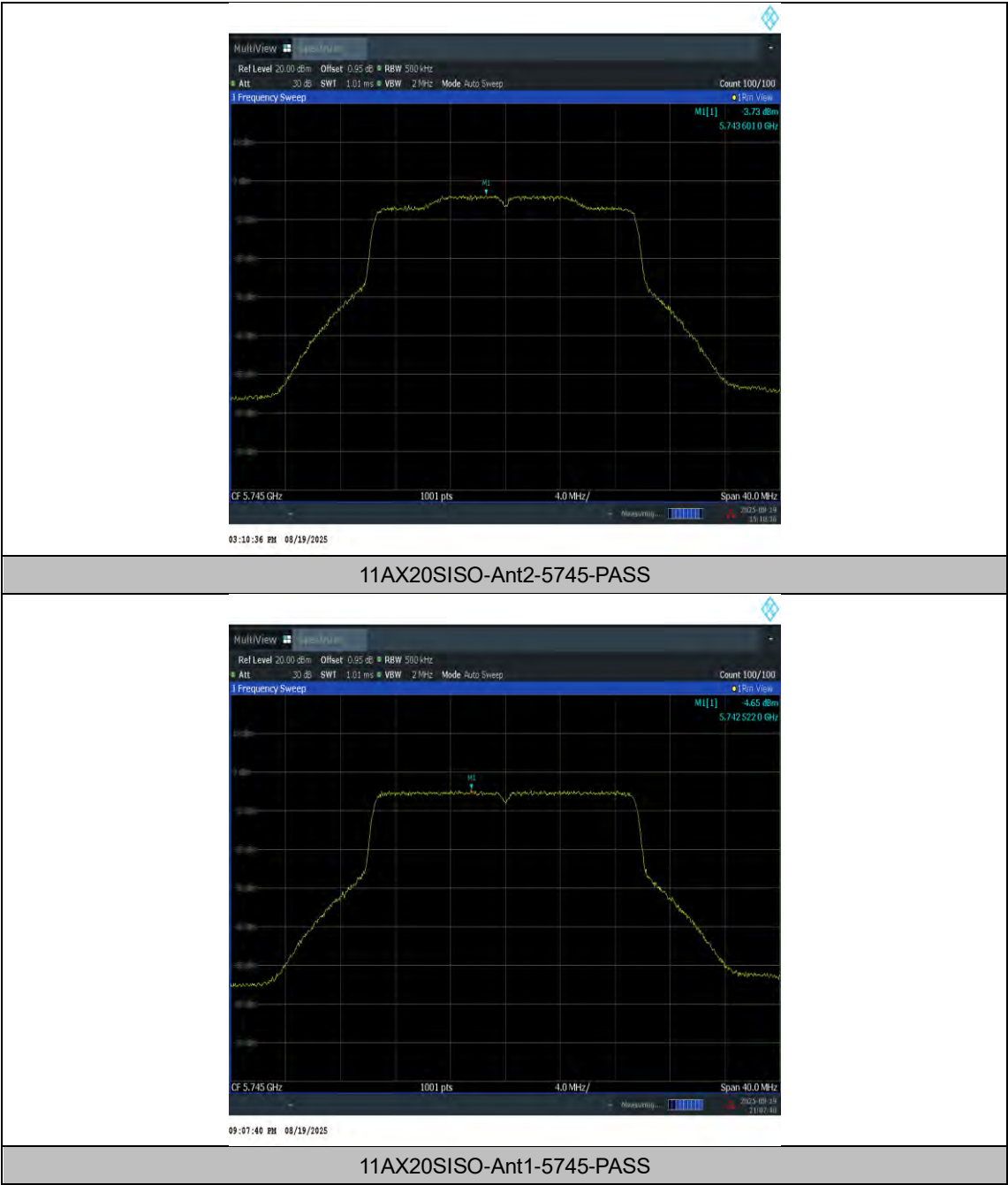


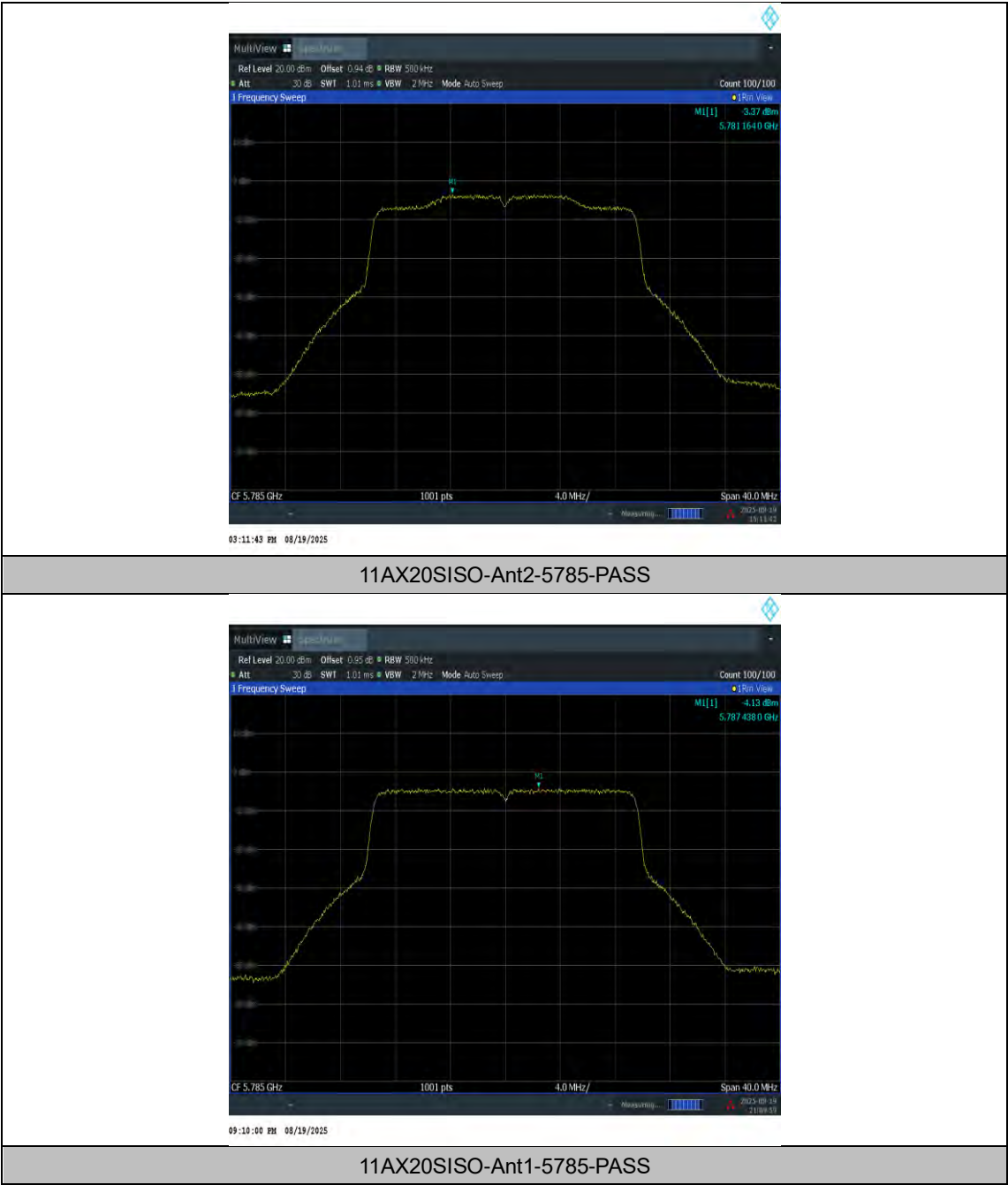


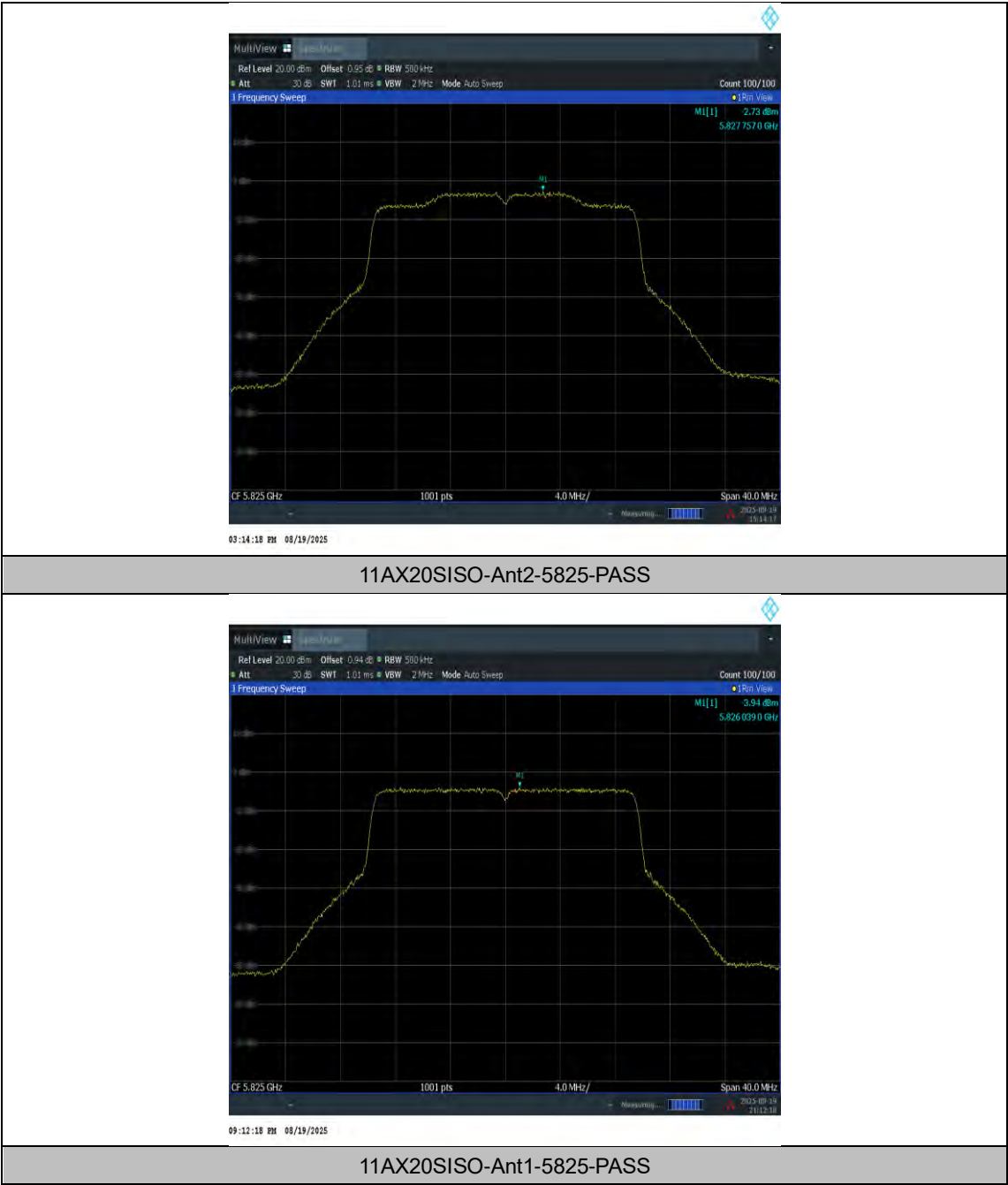


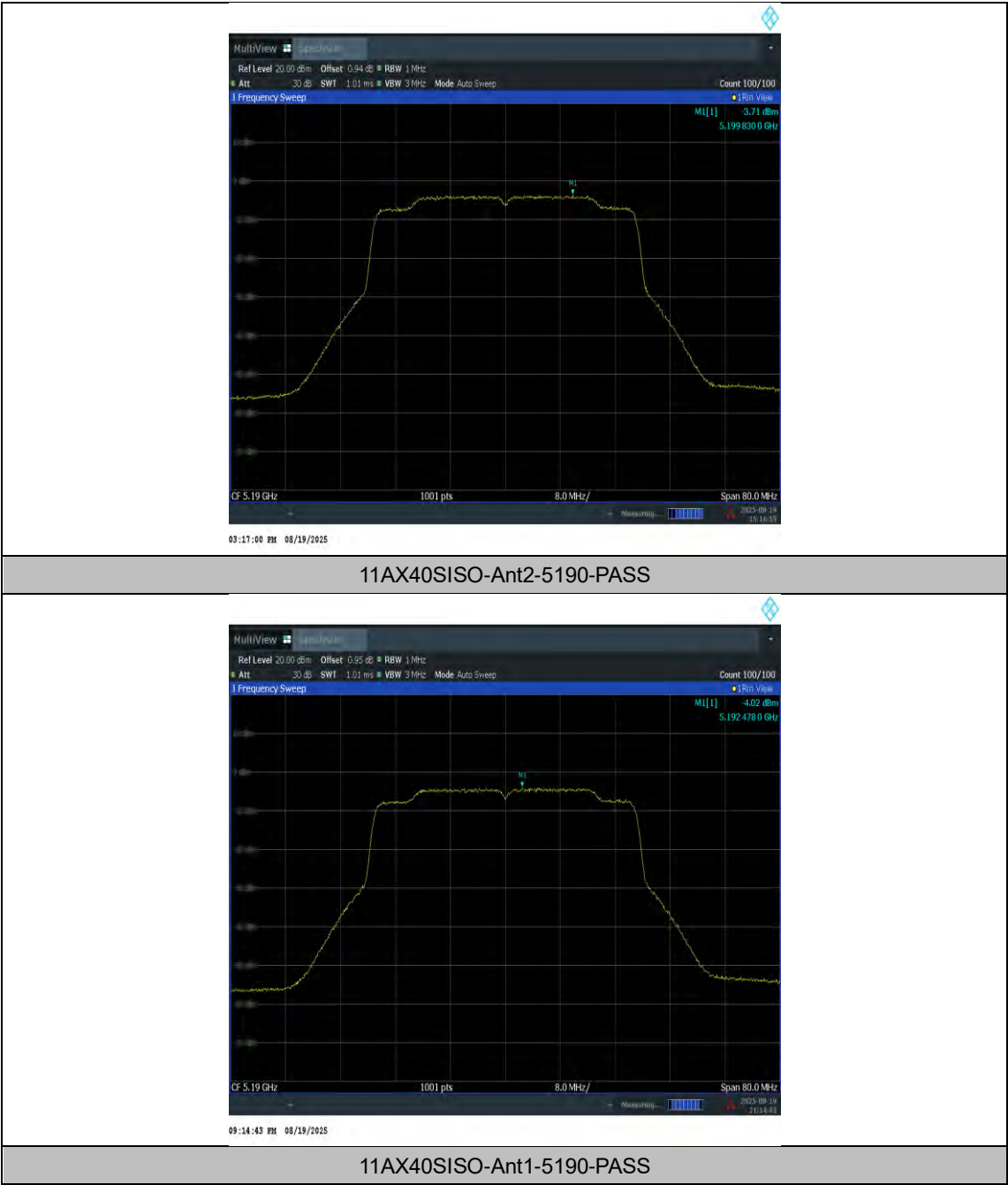


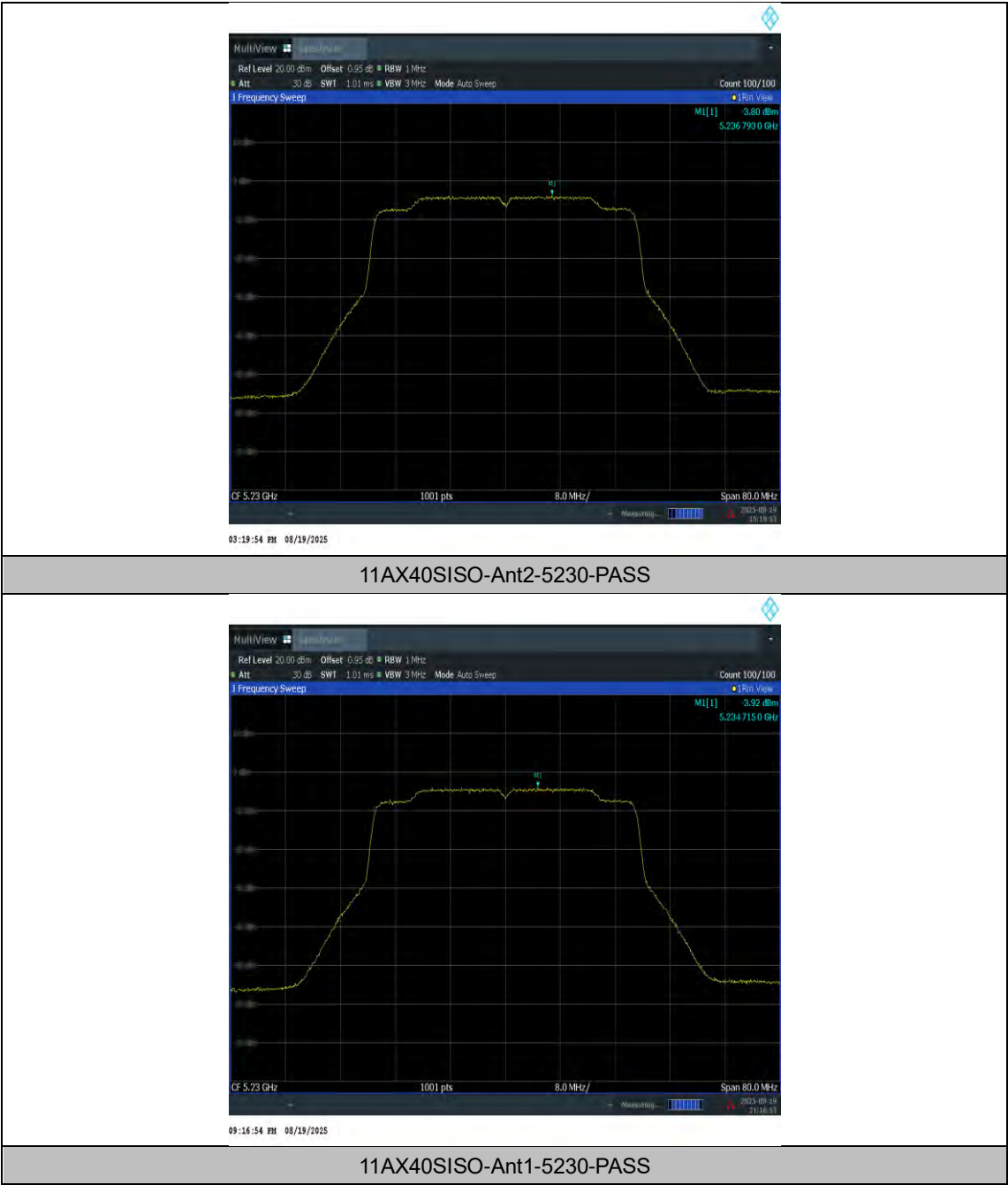


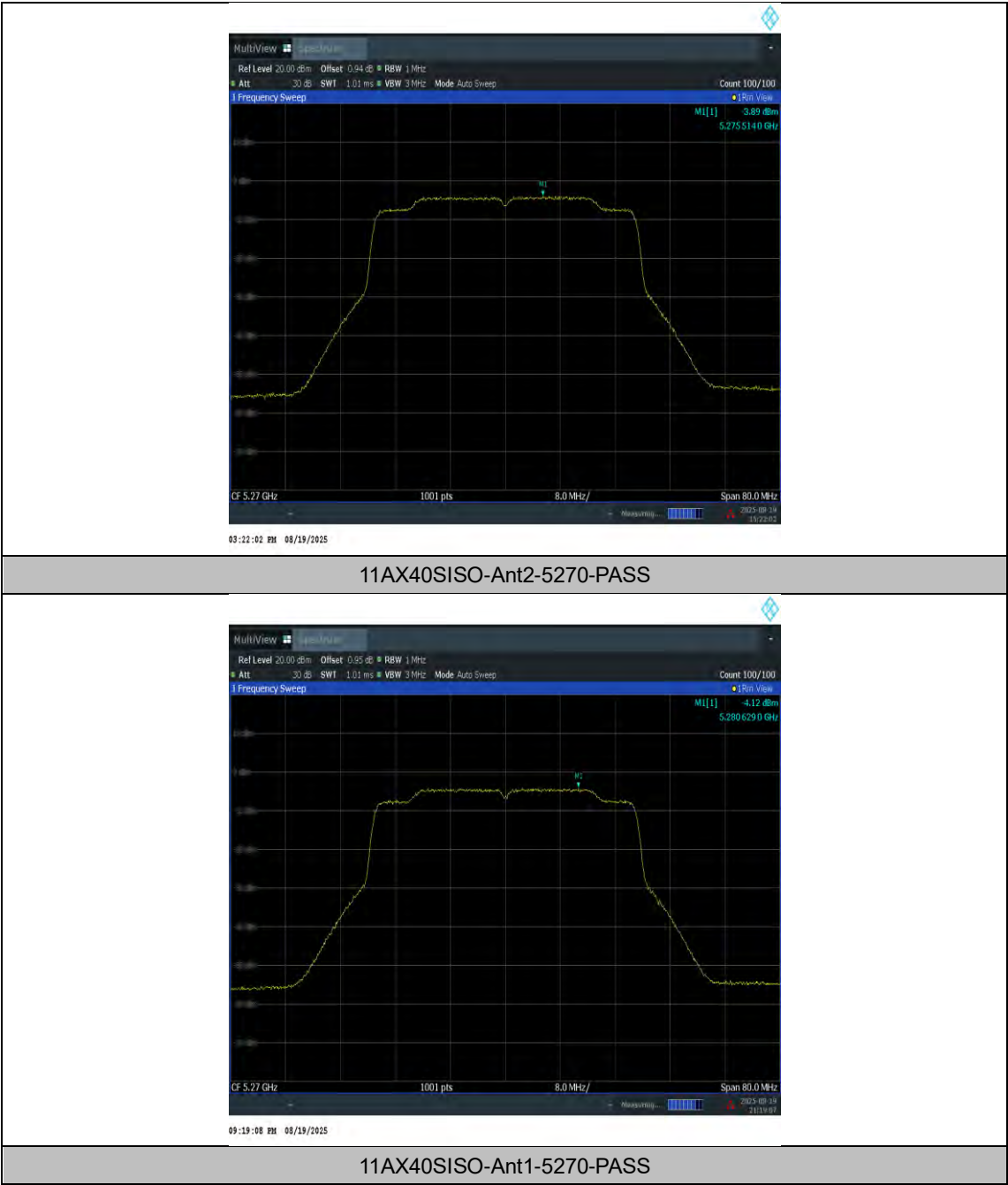






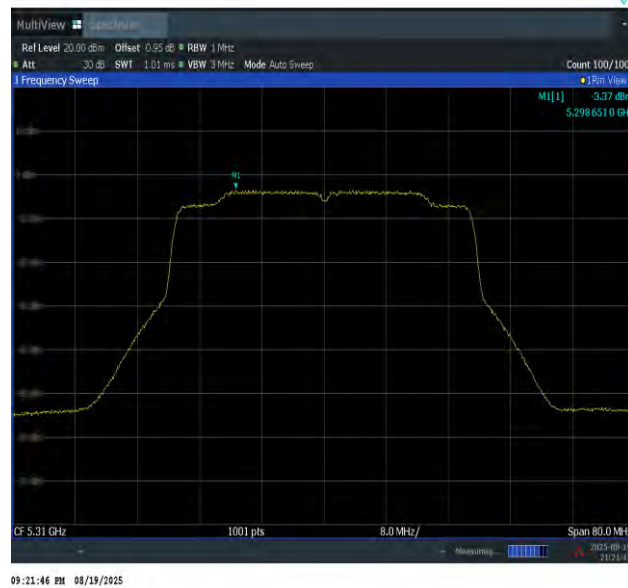




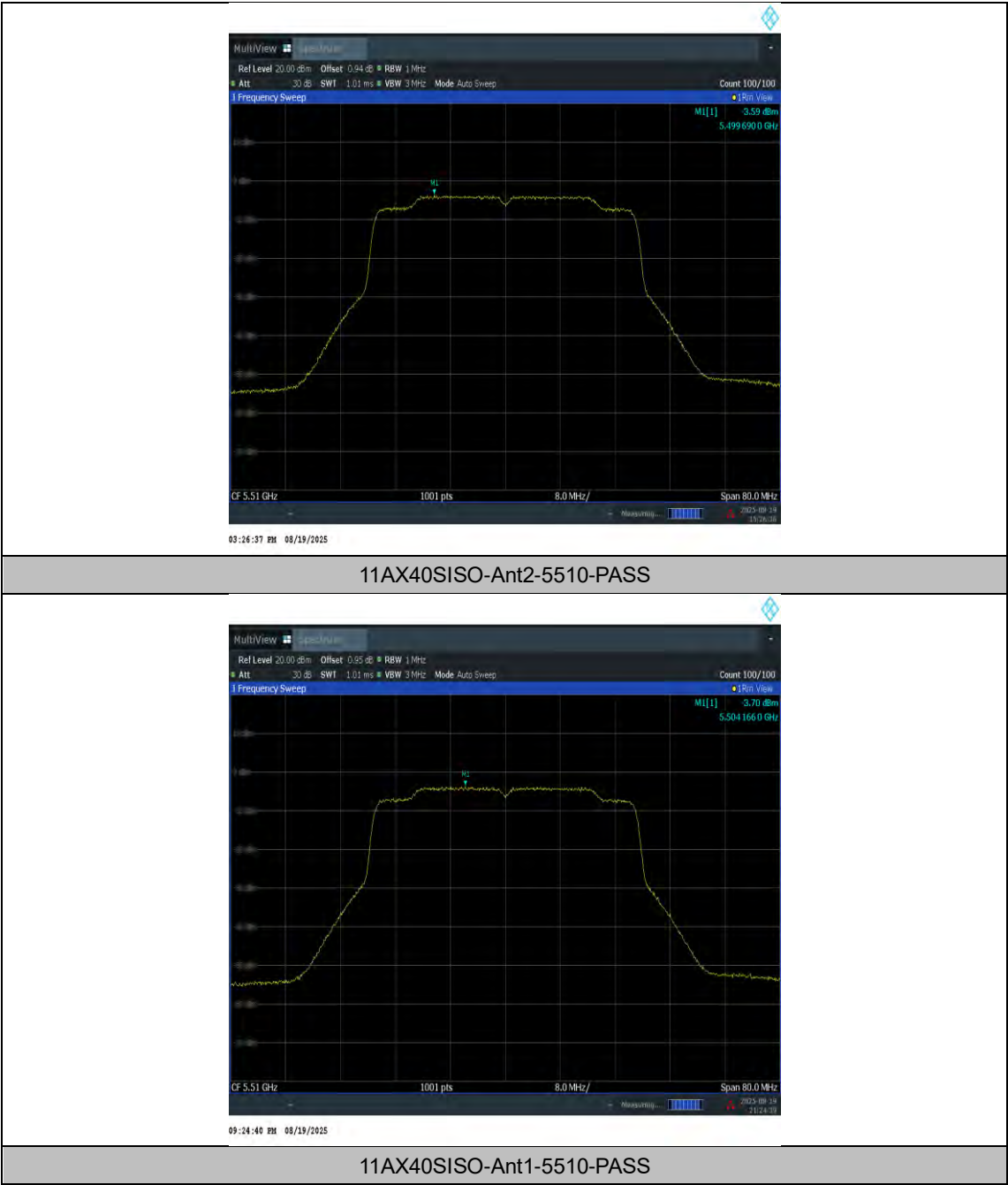


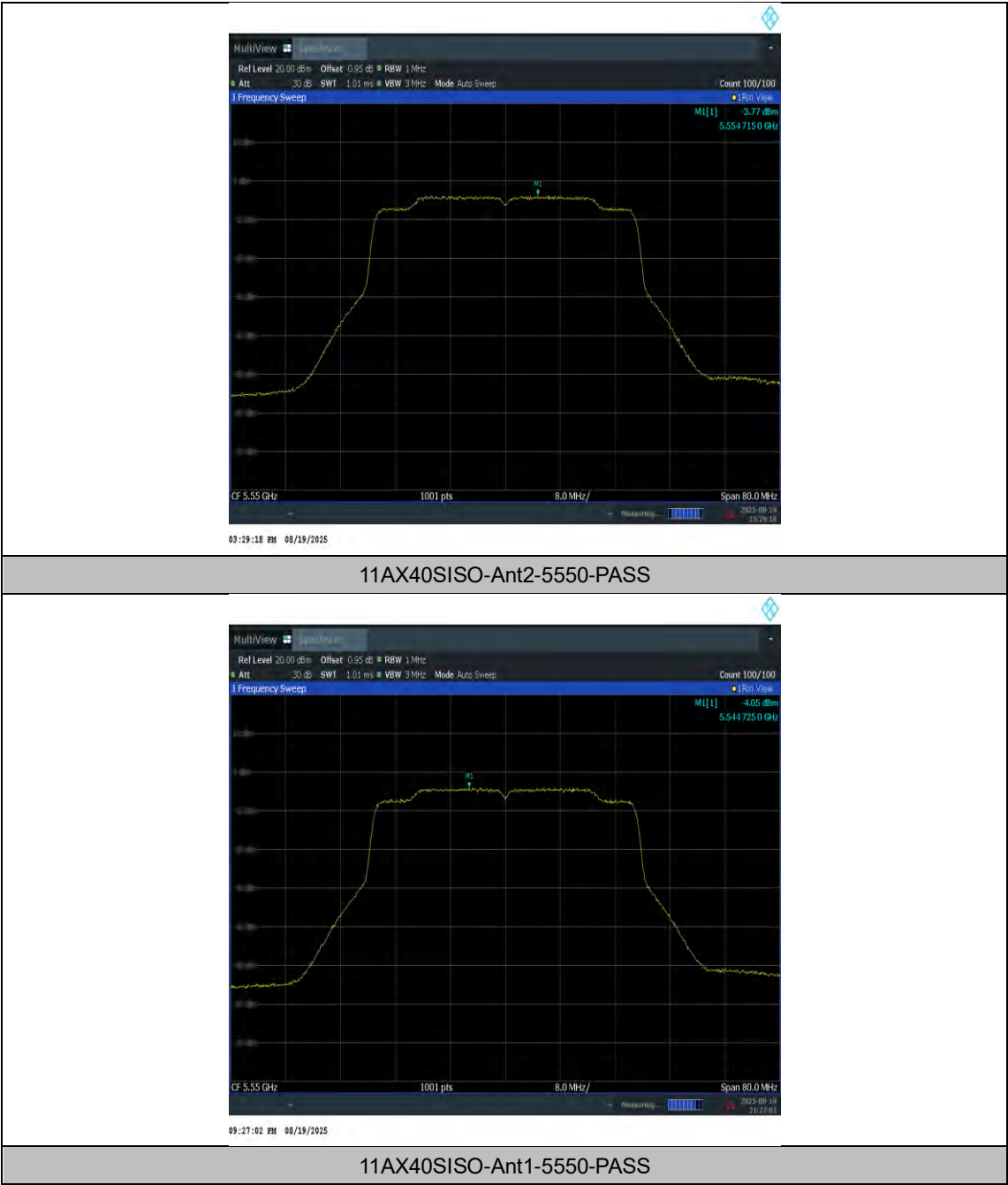


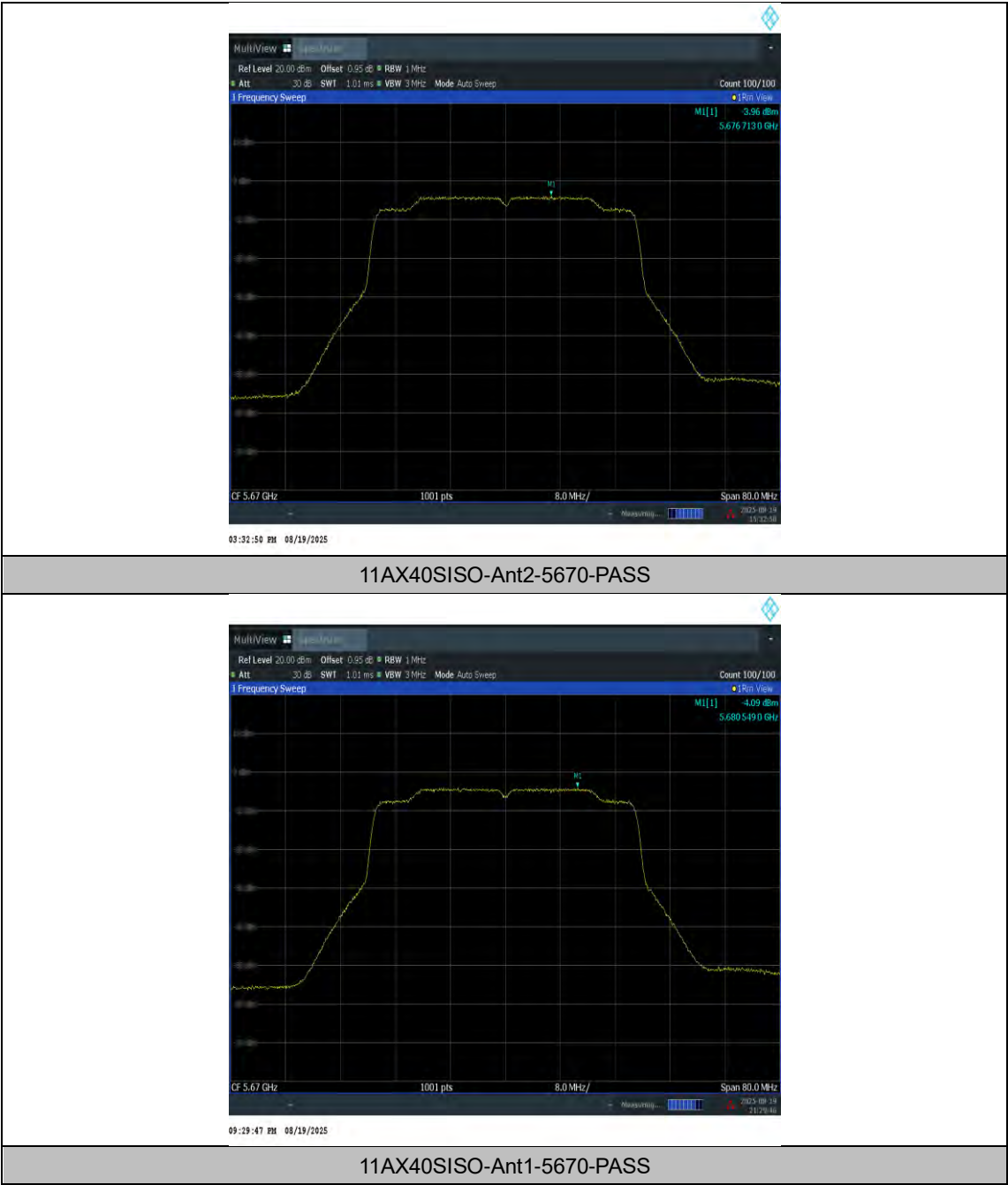
11AX40SISO-Ant2-5310-PASS

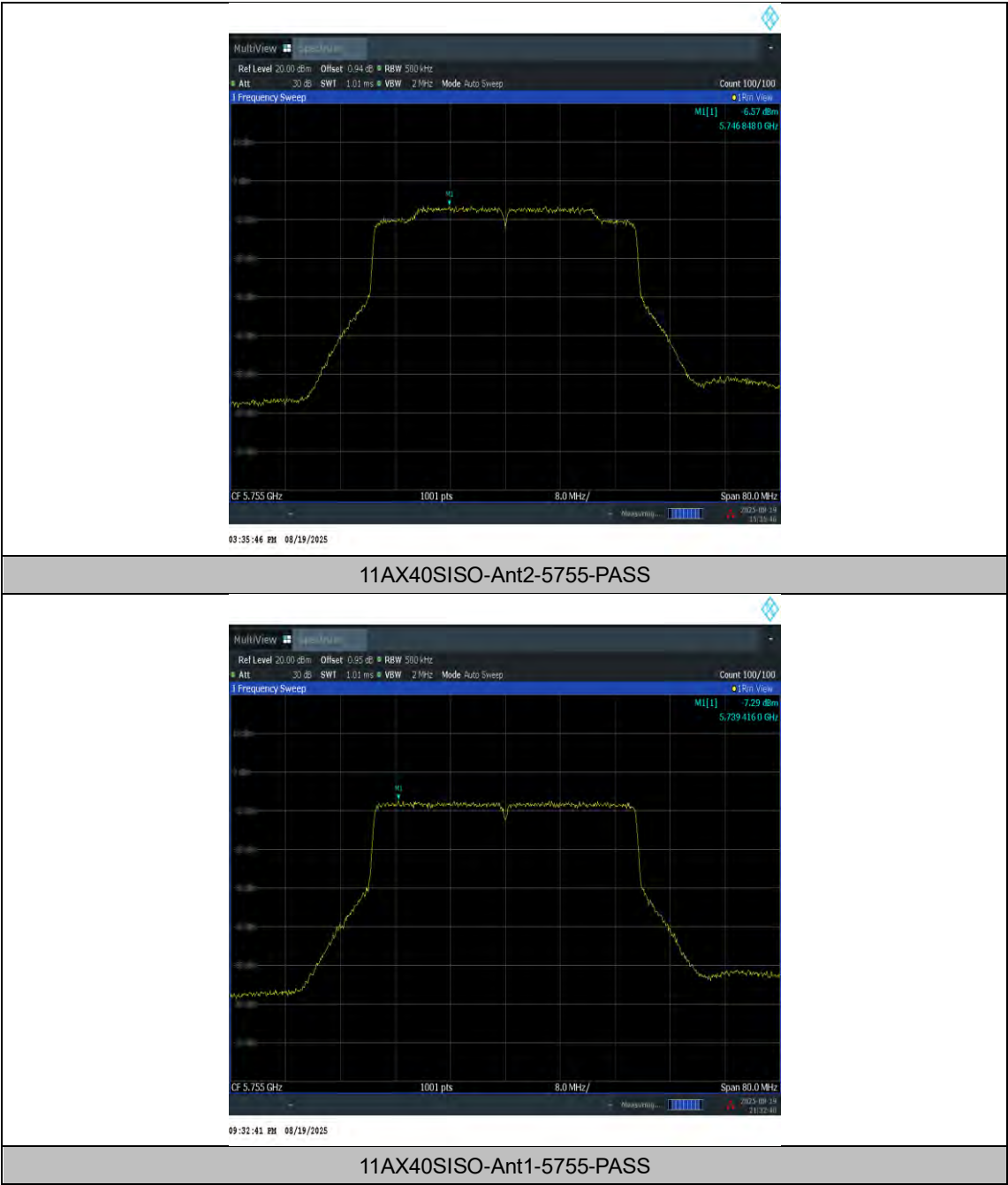


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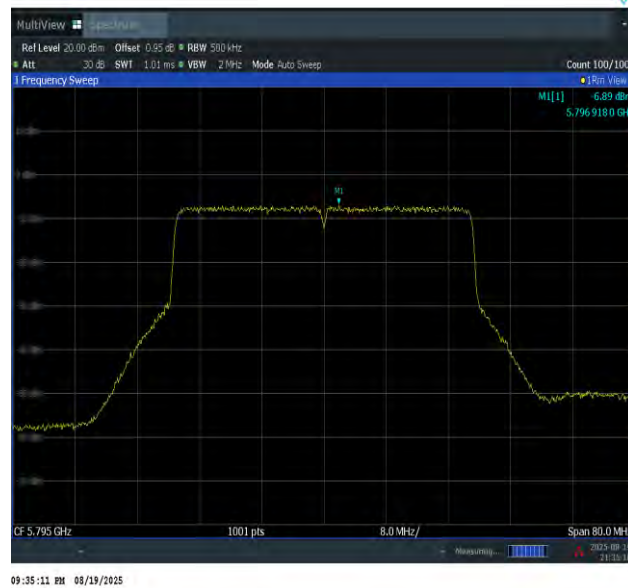




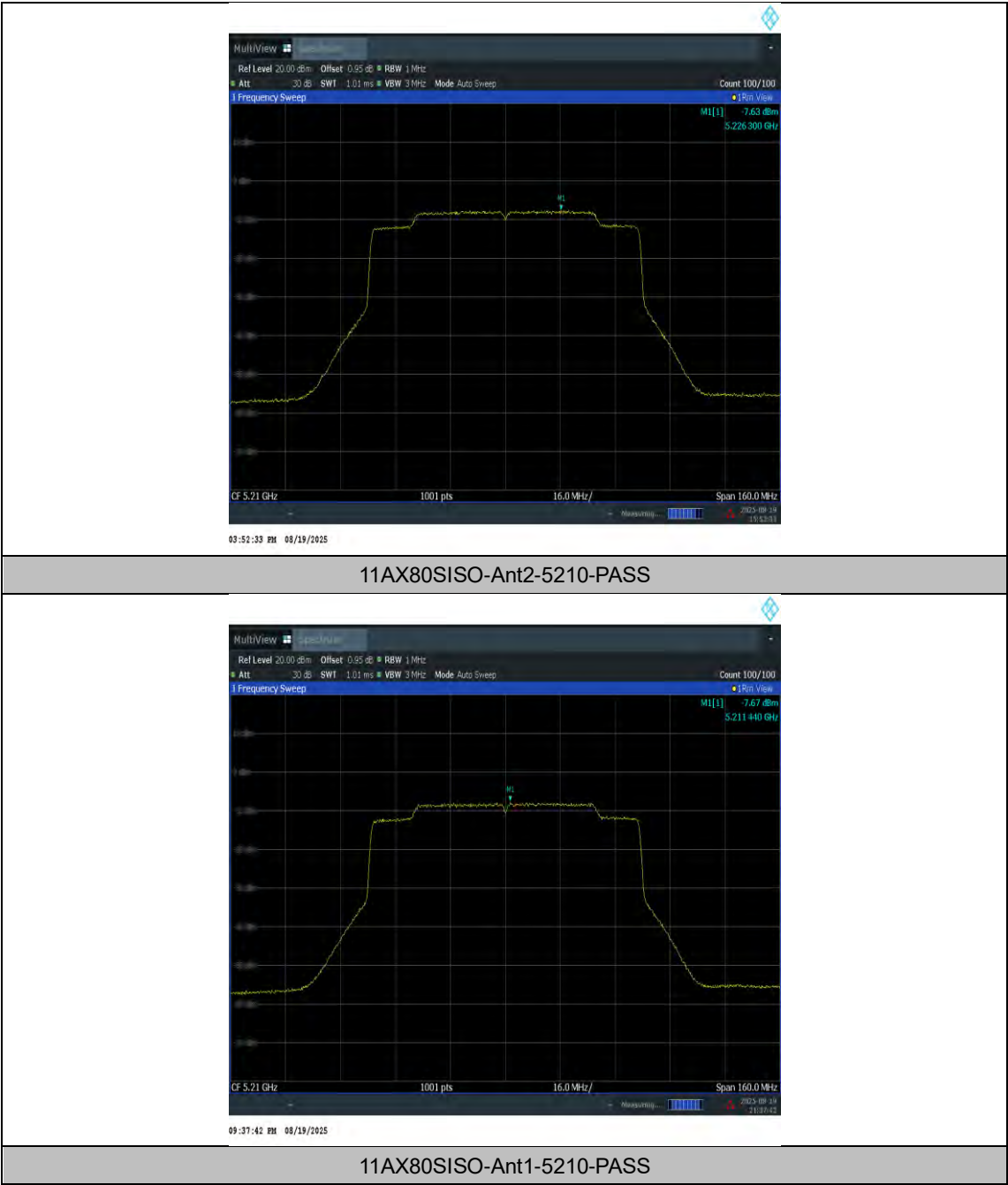


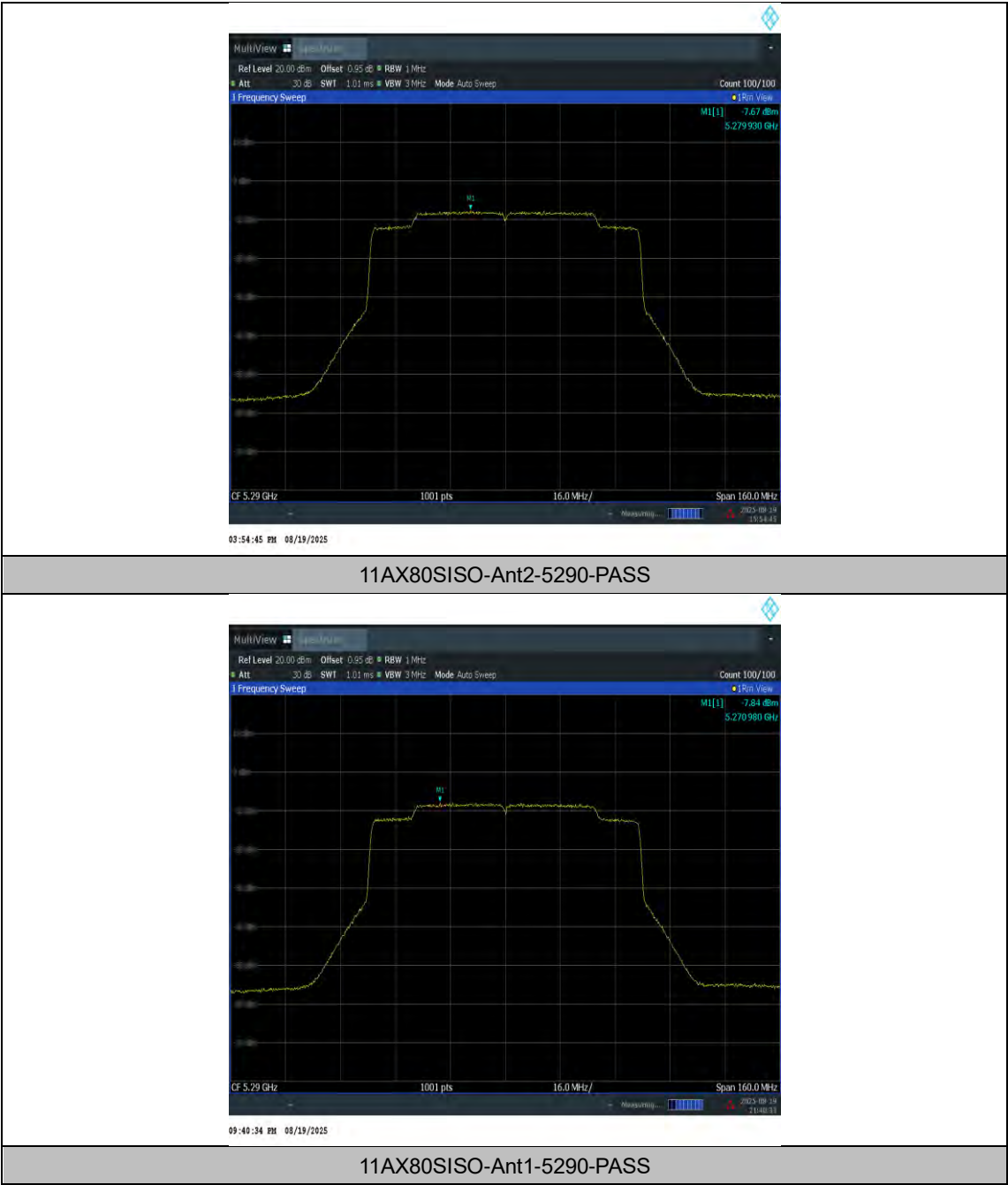


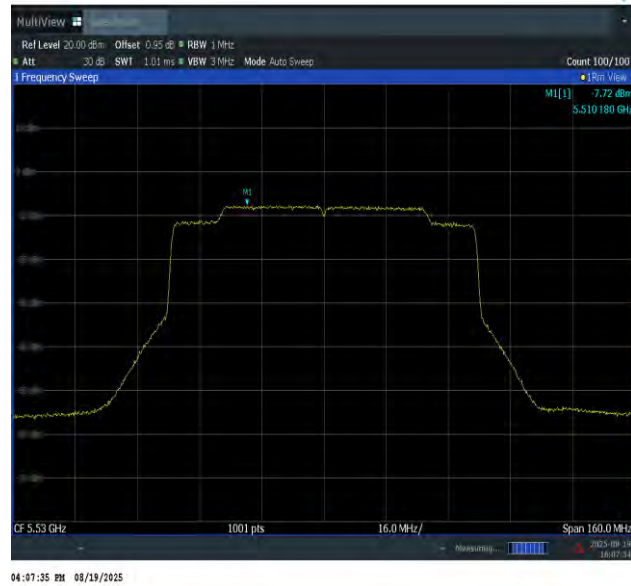
11AX40SISO-Ant2-5795-PASS



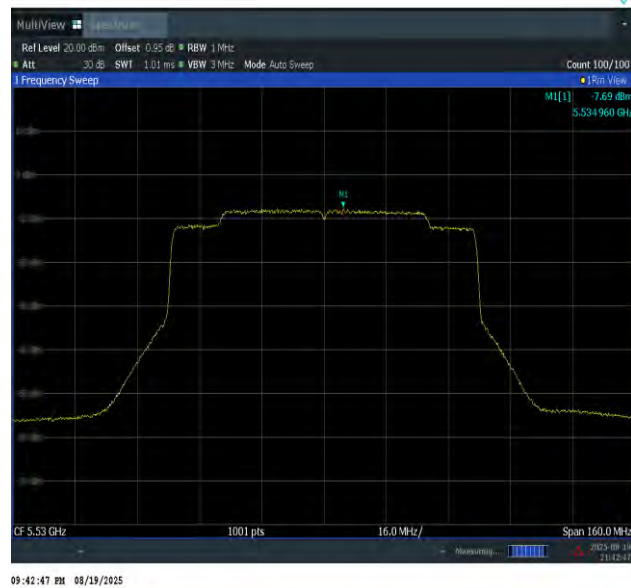
11AX40SISO-Ant1-5795-PASS



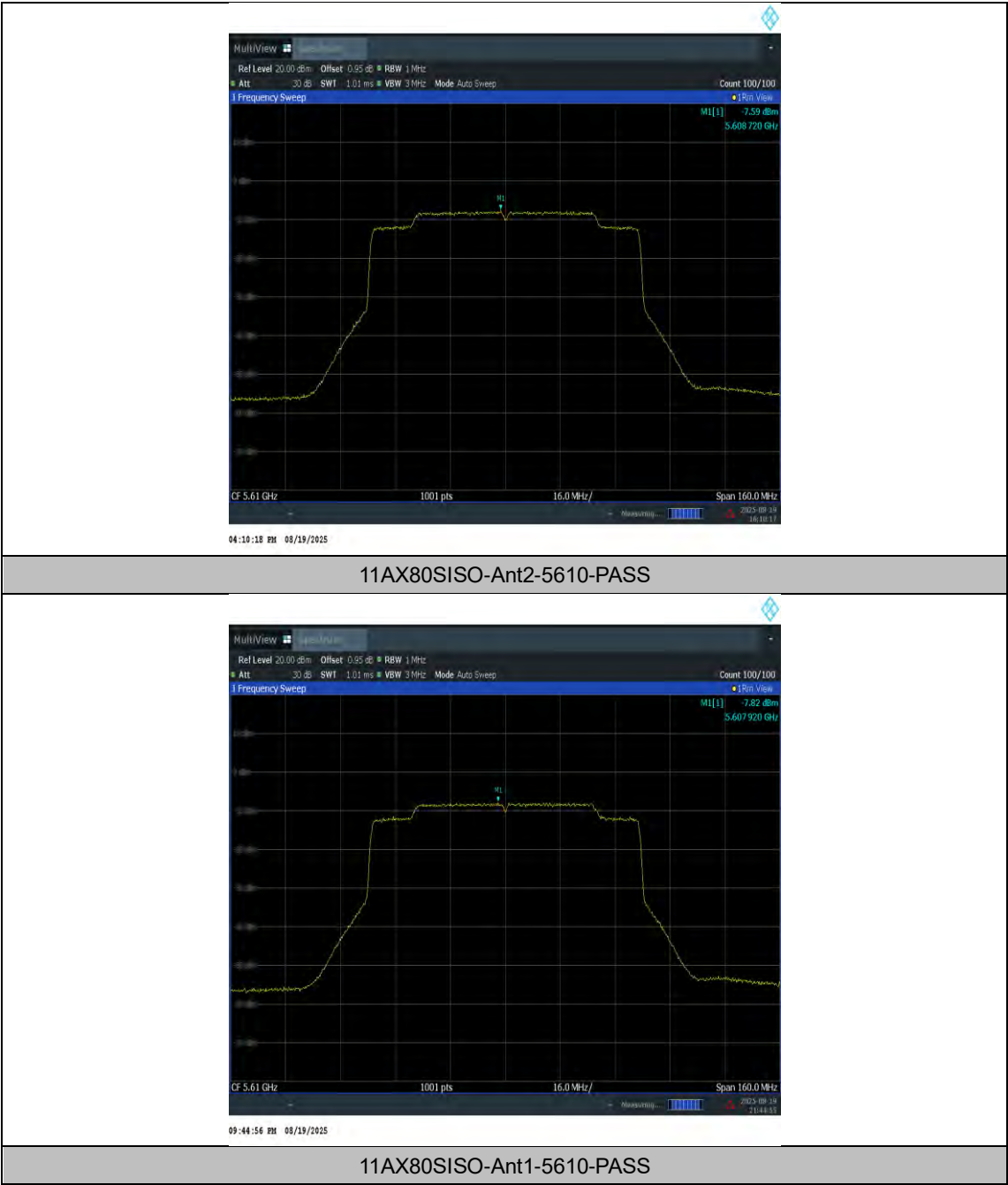


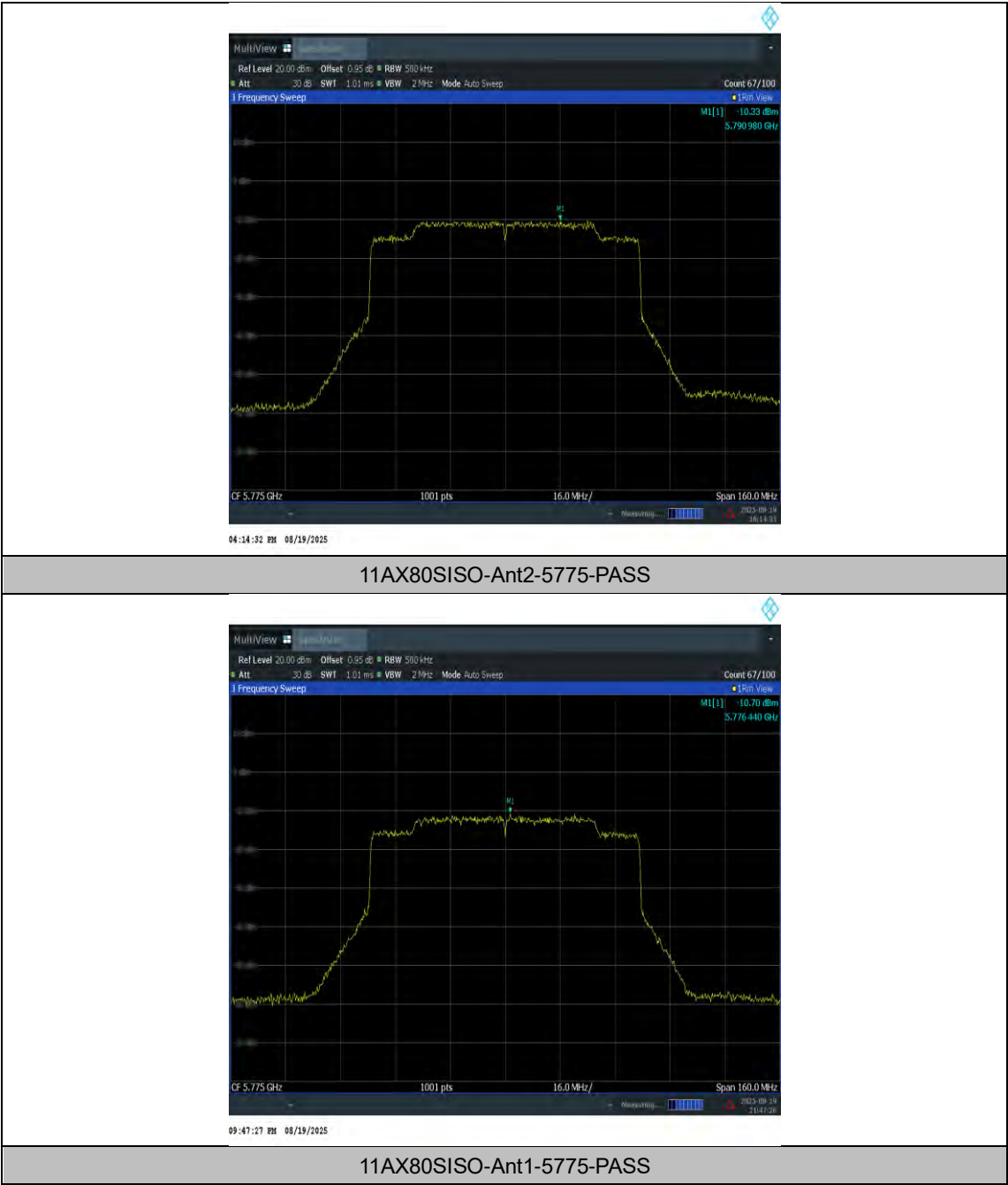


11AX80SISO-Ant2-5530-PASS



11AX80SISO-Ant1-5530-PASS





## Appendix G: Frequency Stability

### Test Result

| TestMode | Antenna | Frequency[MHz] | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|----------|---------|----------------|---------------|------------------|----------------|-----------------|-------------|---------|
| 11A      | Ant2    | 5180           | NV            | NT               | -20000.00      | -3.861004       | 20          | PASS    |
| 11A      | Ant2    | 5180           | LV            | NT               | -20000.00      | -3.861004       | 20          | PASS    |
| 11A      | Ant2    | 5180           | HV            | NT               | -20000.00      | -3.861004       | 20          | PASS    |
| 11A      | Ant1    | 5180           | NV            | NT               | -40000.00      | -7.722008       | 20          | PASS    |
| 11A      | Ant1    | 5180           | LV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5180           | HV            | NT               | -40000.00      | -7.722008       | 20          | PASS    |
| 11A      | Ant2    | 5200           | NV            | NT               | -20000.00      | -3.846154       | 20          | PASS    |
| 11A      | Ant2    | 5200           | LV            | NT               | -20000.00      | -3.846154       | 20          | PASS    |
| 11A      | Ant2    | 5200           | HV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5200           | NV            | NT               | -20000.00      | -3.846154       | 20          | PASS    |
| 11A      | Ant1    | 5200           | LV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5200           | HV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant2    | 5240           | NV            | NT               | -20000.00      | -3.816794       | 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      | Ant1    | 5240           | NV            | NT               | -20000.00      | -3.816794       | 20          | PASS    |
| 11A      | Ant1    | 5240           | LV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5240           | HV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant2    | 5260           | NV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant2    | 5260           | LV            | NT               | -20000.00      | -3.802281       | 20          | PASS    |
| 11A      | Ant2    | 5260           | HV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5260           | NV            | NT               | 20000.00       | 3.802281        | 20          | PASS    |
| 11A      | Ant1    | 5260           | LV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5260           | HV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant2    | 5300           | NV            | NT               | 20000.00       | 3.773585        | 20          | PASS    |
| 11A      | Ant2    | 5300           | LV            | NT               | -20000.00      | -3.773585       | 20          | PASS    |
| 11A      | Ant2    | 5300           | HV            | NT               | -20000.00      | -3.773585       | 20          | PASS    |
| 11A      | Ant1    | 5300           | HV            | NT               | 20000.00       | 3.773585        | 20          | PASS    |
| 11A      | Ant1    | 5300           | NV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5300           | LV            | NT               | -20000.00      | -3.773585       | 20          | PASS    |
| 11A      | Ant2    | 5320           | NV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant2    | 5320           | LV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant2    | 5320           | HV            | NT               | -40000.00      | -7.518797       | 20          | PASS    |
| 11A      | Ant1    | 5320           | NV            | NT               | 0.00           | 0.000000        | 20          | PASS    |

|           |      |      |    |    |           |           |    |      |
|-----------|------|------|----|----|-----------|-----------|----|------|
| 11A       | Ant1 | 5320 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5320 | HV | NT | -20000.00 | -3.759398 | 20 | PASS |
| 11A       | Ant2 | 5500 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant2 | 5500 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant2 | 5500 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5500 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5500 | LV | NT | -20000.00 | -3.636364 | 20 | PASS |
| 11A       | Ant1 | 5500 | HV | NT | -20000.00 | -3.636364 | 20 | PASS |
| 11A       | Ant2 | 5580 | NV | NT | -20000.00 | -3.584229 | 20 | PASS |
| 11A       | Ant2 | 5580 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant2 | 5580 | HV | NT | -20000.00 | -3.584229 | 20 | PASS |
| 11A       | Ant1 | 5580 | NV | NT | -20000.00 | -3.584229 | 20 | PASS |
| 11A       | Ant1 | 5580 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5580 | HV | NT | -20000.00 | -3.584229 | 20 | PASS |
| 11A       | Ant2 | 5700 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant2 | 5700 | LV | NT | -20000.00 | -3.508772 | 20 | PASS |
| 11A       | Ant2 | 5700 | HV | NT | 20000.00  | 3.508772  | 20 | PASS |
| 11A       | Ant1 | 5700 | NV | NT | 20000.00  | 3.508772  | 20 | PASS |
| 11A       | Ant1 | 5700 | LV | NT | -20000.00 | -3.508772 | 20 | PASS |
| 11A       | Ant1 | 5700 | HV | NT | 20000.00  | 3.508772  | 20 | PASS |
| 11A       | Ant2 | 5745 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant2 | 5745 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant2 | 5745 | HV | NT | -20000.00 | -3.481288 | 20 | PASS |
| 11A       | Ant1 | 5745 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5745 | LV | NT | 20000.00  | 3.481288  | 20 | PASS |
| 11A       | Ant1 | 5745 | HV | NT | 20000.00  | 3.481288  | 20 | PASS |
| 11A       | Ant2 | 5785 | NV | NT | 20000.00  | 3.457217  | 20 | PASS |
| 11A       | Ant2 | 5785 | LV | NT | -40000.00 | -6.914434 | 20 | PASS |
| 11A       | Ant2 | 5785 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5785 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5785 | LV | NT | 20000.00  | 3.457217  | 20 | PASS |
| 11A       | Ant1 | 5785 | HV | NT | -20000.00 | -3.457217 | 20 | PASS |
| 11A       | Ant2 | 5825 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant2 | 5825 | LV | NT | -20000.00 | -3.433476 | 20 | PASS |
| 11A       | Ant2 | 5825 | HV | NT | 40000.00  | 6.866953  | 20 | PASS |
| 11A       | Ant1 | 5825 | NV | NT | -20000.00 | -3.433476 | 20 | PASS |
| 11A       | Ant1 | 5825 | LV | NT | -20000.00 | -3.433476 | 20 | PASS |
| 11A       | Ant1 | 5825 | HV | NT | -20000.00 | -3.433476 | 20 | PASS |
| 11N20SISO | Ant2 | 5180 | NV | NT | 0.00      | 0.000000  | 20 | PASS |

|           |      |      |    |    |           |           |    |      |
|-----------|------|------|----|----|-----------|-----------|----|------|
| 11N20SISO | Ant2 | 5180 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5180 | HV | NT | 20000.00  | 3.861004  | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | NT | -20000.00 | -3.861004 | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | LV | NT | -20000.00 | -3.861004 | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | HV | NT | 20000.00  | 3.861004  | 20 | PASS |
| 11N20SISO | Ant2 | 5200 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5200 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5200 | HV | NT | -20000.00 | -3.846154 | 20 | PASS |
| 11N20SISO | Ant1 | 5200 | NV | NT | -20000.00 | -3.846154 | 20 | PASS |
| 11N20SISO | Ant1 | 5200 | LV | NT | 20000.00  | 3.846154  | 20 | PASS |
| 11N20SISO | Ant1 | 5200 | HV | NT | -20000.00 | -3.846154 | 20 | PASS |
| 11N20SISO | Ant2 | 5240 | NV | NT | -20000.00 | -3.816794 | 20 | PASS |
| 11N20SISO | Ant2 | 5240 | LV | NT | -20000.00 | -3.816794 | 20 | PASS |
| 11N20SISO | Ant2 | 5240 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | LV | NT | -20000.00 | -3.816794 | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | HV | NT | 20000.00  | 3.816794  | 20 | PASS |
| 11N20SISO | Ant2 | 5260 | NV | NT | -20000.00 | -3.802281 | 20 | PASS |
| 11N20SISO | Ant2 | 5260 | LV | NT | -20000.00 | -3.802281 | 20 | PASS |
| 11N20SISO | Ant2 | 5260 | HV | NT | 20000.00  | 3.802281  | 20 | PASS |
| 11N20SISO | Ant1 | 5260 | NV | NT | 40000.00  | 7.604563  | 20 | PASS |
| 11N20SISO | Ant1 | 5260 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5260 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5300 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5300 | LV | NT | -40000.00 | -7.547170 | 20 | PASS |
| 11N20SISO | Ant2 | 5300 | HV | NT | -40000.00 | -7.547170 | 20 | PASS |
| 11N20SISO | Ant1 | 5300 | NV | NT | 40000.00  | 7.547170  | 20 | PASS |
| 11N20SISO | Ant1 | 5300 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5300 | HV | NT | 40000.00  | 7.547170  | 20 | PASS |
| 11N20SISO | Ant2 | 5320 | NV | NT | -20000.00 | -3.759398 | 20 | PASS |
| 11N20SISO | Ant2 | 5320 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5320 | HV | NT | 20000.00  | 3.759398  | 20 | PASS |
| 11N20SISO | Ant1 | 5320 | NV | NT | 40000.00  | 7.518797  | 20 | PASS |
| 11N20SISO | Ant1 | 5320 | LV | NT | -20000.00 | -3.759398 | 20 | PASS |
| 11N20SISO | Ant1 | 5320 | HV | NT | -20000.00 | -3.759398 | 20 | PASS |
| 11N20SISO | Ant2 | 5500 | NV | NT | -20000.00 | -3.636364 | 20 | PASS |
| 11N20SISO | Ant2 | 5500 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5500 | HV | NT | -20000.00 | -3.636364 | 20 | PASS |
| 11N20SISO | Ant1 | 5500 | NV | NT | 0.00      | 0.000000  | 20 | PASS |

|           |      |      |    |    |           |           |    |      |
|-----------|------|------|----|----|-----------|-----------|----|------|
| 11N20SISO | Ant1 | 5500 | LV | NT | -20000.00 | -3.636364 | 20 | PASS |
| 11N20SISO | Ant1 | 5500 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5580 | NV | NT | -40000.00 | -7.168459 | 20 | PASS |
| 11N20SISO | Ant2 | 5580 | LV | NT | -20000.00 | -3.584229 | 20 | PASS |
| 11N20SISO | Ant2 | 5580 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5580 | NV | NT | -20000.00 | -3.584229 | 20 | PASS |
| 11N20SISO | Ant1 | 5580 | LV | NT | 20000.00  | 3.584229  | 20 | PASS |
| 11N20SISO | Ant1 | 5580 | HV | NT | -20000.00 | -3.584229 | 20 | PASS |
| 11N20SISO | Ant2 | 5700 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5700 | LV | NT | -20000.00 | -3.508772 | 20 | PASS |
| 11N20SISO | Ant2 | 5700 | HV | NT | 20000.00  | 3.508772  | 20 | PASS |
| 11N20SISO | Ant1 | 5700 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5700 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5700 | HV | NT | -20000.00 | -3.508772 | 20 | PASS |
| 11N20SISO | Ant2 | 5745 | NV | NT | 20000.00  | 3.481288  | 20 | PASS |
| 11N20SISO | Ant2 | 5745 | LV | NT | -20000.00 | -3.481288 | 20 | PASS |
| 11N20SISO | Ant2 | 5745 | HV | NT | -20000.00 | -3.481288 | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | NT | -20000.00 | -3.481288 | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | LV | NT | 20000.00  | 3.481288  | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | HV | NT | -20000.00 | -3.481288 | 20 | PASS |
| 11N20SISO | Ant2 | 5785 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5785 | LV | NT | 20000.00  | 3.457217  | 20 | PASS |
| 11N20SISO | Ant2 | 5785 | HV | NT | -20000.00 | -3.457217 | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | NT | -20000.00 | -3.457217 | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | LV | NT | -40000.00 | -6.914434 | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5825 | NV | NT | -20000.00 | -3.433476 | 20 | PASS |
| 11N20SISO | Ant2 | 5825 | LV | NT | -20000.00 | -3.433476 | 20 | PASS |
| 11N20SISO | Ant2 | 5825 | HV | NT | -20000.00 | -3.433476 | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | LV | NT | -20000.00 | -3.433476 | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5190 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5190 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5190 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | HV | NT | -40000.00 | -7.707129 | 20 | PASS |
| 11N40SISO | Ant2 | 5230 | NV | NT | 0.00      | 0.000000  | 20 | PASS |

|           |      |      |    |    |           |           |    |      |
|-----------|------|------|----|----|-----------|-----------|----|------|
| 11N40SISO | Ant2 | 5230 | LV | NT | -40000.00 | -7.648184 | 20 | PASS |
| 11N40SISO | Ant2 | 5230 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | NT | 40000.00  | 7.648184  | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | HV | NT | -40000.00 | -7.648184 | 20 | PASS |
| 11N40SISO | Ant2 | 5270 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5270 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5270 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5270 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5270 | LV | NT | -40000.00 | -7.590133 | 20 | PASS |
| 11N40SISO | Ant1 | 5270 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5310 | NV | NT | -40000.00 | -7.532957 | 20 | PASS |
| 11N40SISO | Ant2 | 5310 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5310 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5310 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5310 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5310 | HV | NT | -40000.00 | -7.532957 | 20 | PASS |
| 11N40SISO | Ant2 | 5510 | NV | NT | -40000.00 | -7.259528 | 20 | PASS |
| 11N40SISO | Ant2 | 5510 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5510 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5510 | NV | NT | -40000.00 | -7.259528 | 20 | PASS |
| 11N40SISO | Ant1 | 5510 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5510 | HV | NT | -40000.00 | -7.259528 | 20 | PASS |
| 11N40SISO | Ant2 | 5550 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5550 | LV | NT | -40000.00 | -7.207207 | 20 | PASS |
| 11N40SISO | Ant2 | 5550 | HV | NT | -40000.00 | -7.207207 | 20 | PASS |
| 11N40SISO | Ant1 | 5550 | NV | NT | -40000.00 | -7.207207 | 20 | PASS |
| 11N40SISO | Ant1 | 5550 | LV | NT | 40000.00  | 7.207207  | 20 | PASS |
| 11N40SISO | Ant1 | 5550 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5670 | NV | NT | -40000.00 | -7.054674 | 20 | PASS |
| 11N40SISO | Ant2 | 5670 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5670 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5670 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5670 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5670 | HV | NT | -40000.00 | -7.054674 | 20 | PASS |
| 11N40SISO | Ant2 | 5755 | NV | NT | -40000.00 | -6.950478 | 20 | PASS |
| 11N40SISO | Ant2 | 5755 | LV | NT | -40000.00 | -6.950478 | 20 | PASS |
| 11N40SISO | Ant2 | 5755 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5755 | NV | NT | 0.00      | 0.000000  | 20 | PASS |

|            |      |      |    |    |           |           |    |      |
|------------|------|------|----|----|-----------|-----------|----|------|
| 11N40SISO  | Ant1 | 5755 | LV | NT | -40000.00 | -6.950478 | 20 | PASS |
| 11N40SISO  | Ant1 | 5755 | HV | NT | -40000.00 | -6.950478 | 20 | PASS |
| 11N40SISO  | Ant2 | 5795 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO  | Ant2 | 5795 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO  | Ant2 | 5795 | HV | NT | 40000.00  | 6.902502  | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | NT | -40000.00 | -6.902502 | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | HV | NT | -40000.00 | -6.902502 | 20 | PASS |
| 11AC20SISO | Ant2 | 5180 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5180 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5180 | HV | NT | 20000.00  | 3.861004  | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | NT | -40000.00 | -7.722008 | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | HV | NT | -20000.00 | -3.861004 | 20 | PASS |
| 11AC20SISO | Ant2 | 5200 | NV | NT | -40000.00 | -7.692308 | 20 | PASS |
| 11AC20SISO | Ant2 | 5200 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5200 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5200 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5200 | LV | NT | 20000.00  | 3.846154  | 20 | PASS |
| 11AC20SISO | Ant1 | 5200 | HV | NT | -20000.00 | -3.846154 | 20 | PASS |
| 11AC20SISO | Ant2 | 5240 | NV | NT | -20000.00 | -3.816794 | 20 | PASS |
| 11AC20SISO | Ant2 | 5240 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5240 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | NT | 20000.00  | 3.816794  | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | HV | NT | -20000.00 | -3.816794 | 20 | PASS |
| 11AC20SISO | Ant2 | 5260 | NV | NT | -40000.00 | -7.604563 | 20 | PASS |
| 11AC20SISO | Ant2 | 5260 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5260 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5260 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5260 | LV | NT | -20000.00 | -3.802281 | 20 | PASS |
| 11AC20SISO | Ant1 | 5260 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5300 | NV | NT | -20000.00 | -3.773585 | 20 | PASS |
| 11AC20SISO | Ant2 | 5300 | LV | NT | -20000.00 | -3.773585 | 20 | PASS |
| 11AC20SISO | Ant2 | 5300 | HV | NT | 40000.00  | 7.547170  | 20 | PASS |
| 11AC20SISO | Ant1 | 5300 | NV | NT | -20000.00 | -3.773585 | 20 | PASS |
| 11AC20SISO | Ant1 | 5300 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5300 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5320 | NV | NT | -20000.00 | -3.759398 | 20 | PASS |

|            |      |      |    |    |           |           |    |      |
|------------|------|------|----|----|-----------|-----------|----|------|
| 11AC20SISO | Ant2 | 5320 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5320 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5320 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5320 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5320 | HV | NT | -20000.00 | -3.759398 | 20 | PASS |
| 11AC20SISO | Ant2 | 5500 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5500 | LV | NT | 20000.00  | 3.636364  | 20 | PASS |
| 11AC20SISO | Ant2 | 5500 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5500 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5500 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5500 | HV | NT | -20000.00 | -3.636364 | 20 | PASS |
| 11AC20SISO | Ant2 | 5580 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5580 | LV | NT | 20000.00  | 3.584229  | 20 | PASS |
| 11AC20SISO | Ant2 | 5580 | HV | NT | -20000.00 | -3.584229 | 20 | PASS |
| 11AC20SISO | Ant1 | 5580 | NV | NT | -20000.00 | -3.584229 | 20 | PASS |
| 11AC20SISO | Ant1 | 5580 | LV | NT | -20000.00 | -3.584229 | 20 | PASS |
| 11AC20SISO | Ant1 | 5580 | HV | NT | -40000.00 | -7.168459 | 20 | PASS |
| 11AC20SISO | Ant2 | 5700 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5700 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5700 | HV | NT | -20000.00 | -3.508772 | 20 | PASS |
| 11AC20SISO | Ant1 | 5700 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5700 | LV | NT | 20000.00  | 3.508772  | 20 | PASS |
| 11AC20SISO | Ant1 | 5700 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5745 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5745 | LV | NT | 20000.00  | 3.481288  | 20 | PASS |
| 11AC20SISO | Ant2 | 5745 | HV | NT | 20000.00  | 3.481288  | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | LV | NT | -20000.00 | -3.481288 | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5785 | NV | NT | -40000.00 | -6.914434 | 20 | PASS |
| 11AC20SISO | Ant2 | 5785 | LV | NT | -40000.00 | -6.914434 | 20 | PASS |
| 11AC20SISO | Ant2 | 5785 | HV | NT | -40000.00 | -6.914434 | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | HV | NT | -20000.00 | -3.457217 | 20 | PASS |
| 11AC20SISO | Ant2 | 5825 | NV | NT | -20000.00 | -3.433476 | 20 | PASS |
| 11AC20SISO | Ant2 | 5825 | LV | NT | -20000.00 | -3.433476 | 20 | PASS |
| 11AC20SISO | Ant2 | 5825 | HV | NT | -20000.00 | -3.433476 | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | NT | -20000.00 | -3.433476 | 20 | PASS |

|            |      |      |    |    |           |            |    |      |
|------------|------|------|----|----|-----------|------------|----|------|
| 11AC20SISO | Ant1 | 5825 | LV | NT | -20000.00 | -3.433476  | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | HV | NT | -20000.00 | -3.433476  | 20 | PASS |
| 11AC40SISO | Ant2 | 5190 | NV | NT | -40000.00 | -7.707129  | 20 | PASS |
| 11AC40SISO | Ant2 | 5190 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant2 | 5190 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | HV | NT | -40000.00 | -7.707129  | 20 | PASS |
| 11AC40SISO | Ant2 | 5230 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant2 | 5230 | LV | NT | -80000.00 | -15.296367 | 20 | PASS |
| 11AC40SISO | Ant2 | 5230 | HV | NT | -40000.00 | -7.648184  | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant2 | 5270 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant2 | 5270 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant2 | 5270 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5270 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5270 | LV | NT | 40000.00  | 7.590133   | 20 | PASS |
| 11AC40SISO | Ant1 | 5270 | HV | NT | -40000.00 | -7.590133  | 20 | PASS |
| 11AC40SISO | Ant2 | 5310 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant2 | 5310 | LV | NT | -40000.00 | -7.532957  | 20 | PASS |
| 11AC40SISO | Ant2 | 5310 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5310 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5310 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5310 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant2 | 5510 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant2 | 5510 | LV | NT | -40000.00 | -7.259528  | 20 | PASS |
| 11AC40SISO | Ant2 | 5510 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5510 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5510 | LV | NT | -40000.00 | -7.259528  | 20 | PASS |
| 11AC40SISO | Ant1 | 5510 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant2 | 5550 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant2 | 5550 | LV | NT | -40000.00 | -7.207207  | 20 | PASS |
| 11AC40SISO | Ant2 | 5550 | HV | NT | 40000.00  | 7.207207   | 20 | PASS |
| 11AC40SISO | Ant1 | 5550 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5550 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5550 | HV | NT | -40000.00 | -7.207207  | 20 | PASS |
| 11AC40SISO | Ant2 | 5670 | NV | NT | -40000.00 | -7.054674  | 20 | PASS |

|            |      |      |    |    |           |            |    |      |
|------------|------|------|----|----|-----------|------------|----|------|
| 11AC40SISO | Ant2 | 5670 | LV | NT | -40000.00 | -7.054674  | 20 | PASS |
| 11AC40SISO | Ant2 | 5670 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5670 | NV | NT | -40000.00 | -7.054674  | 20 | PASS |
| 11AC40SISO | Ant1 | 5670 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5670 | HV | NT | -40000.00 | -7.054674  | 20 | PASS |
| 11AC40SISO | Ant2 | 5755 | NV | NT | -40000.00 | -6.950478  | 20 | PASS |
| 11AC40SISO | Ant2 | 5755 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant2 | 5755 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | NT | -40000.00 | -6.950478  | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | LV | NT | -40000.00 | -6.950478  | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | HV | NT | -40000.00 | -6.950478  | 20 | PASS |
| 11AC40SISO | Ant2 | 5795 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant2 | 5795 | LV | NT | -40000.00 | -6.902502  | 20 | PASS |
| 11AC40SISO | Ant2 | 5795 | HV | NT | -40000.00 | -6.902502  | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | NT | -40000.00 | -6.902502  | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | LV | NT | 40000.00  | 6.902502   | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5210 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5210 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5210 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5210 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5210 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5210 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5290 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5290 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5290 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5290 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5290 | LV | NT | 80000.00  | 14.466546  | 20 | PASS |
| 11AC80SISO | Ant1 | 5290 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5530 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5530 | LV | NT | 80000.00  | 14.466546  | 20 | PASS |
| 11AC80SISO | Ant2 | 5530 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5530 | NV | NT | -80000.00 | -14.466546 | 20 | PASS |
| 11AC80SISO | Ant1 | 5530 | LV | NT | -80000.00 | -14.466546 | 20 | PASS |
| 11AC80SISO | Ant1 | 5530 | HV | NT | -80000.00 | -14.466546 | 20 | PASS |
| 11AC80SISO | Ant2 | 5610 | NV | NT | 80000.00  | 14.260250  | 20 | PASS |
| 11AC80SISO | Ant2 | 5610 | LV | NT | -80000.00 | -14.260250 | 20 | PASS |
| 11AC80SISO | Ant2 | 5610 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5610 | NV | NT | 0.00      | 0.000000   | 20 | PASS |

|            |      |      |    |    |           |            |    |      |
|------------|------|------|----|----|-----------|------------|----|------|
| 11AC80SISO | Ant1 | 5610 | LV | NT | -80000.00 | -14.260250 | 20 | PASS |
| 11AC80SISO | Ant1 | 5610 | HV | NT | -80000.00 | -14.260250 | 20 | PASS |
| 11AC80SISO | Ant2 | 5775 | NV | NT | 80000.00  | 13.852814  | 20 | PASS |
| 11AC80SISO | Ant2 | 5775 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5775 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5775 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5775 | LV | NT | -80000.00 | -14.260250 | 20 | PASS |
| 11AC80SISO | Ant1 | 5775 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5180 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5180 | LV | NT | 20000.00  | 3.861004   | 20 | PASS |
| 11AX20SISO | Ant2 | 5180 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | NT | -40000.00 | -7.722008  | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5200 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5200 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5200 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5200 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5200 | LV | NT | -20000.00 | -3.846154  | 20 | PASS |
| 11AX20SISO | Ant1 | 5200 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5240 | NV | NT | 20000.00  | 3.816794   | 20 | PASS |
| 11AX20SISO | Ant2 | 5240 | LV | NT | -20000.00 | -3.816794  | 20 | PASS |
| 11AX20SISO | Ant2 | 5240 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | HV | NT | 60000.00  | 11.450382  | 20 | PASS |
| 11AX20SISO | Ant2 | 5260 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5260 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5260 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5260 | NV | NT | -40000.00 | -7.604563  | 20 | PASS |
| 11AX20SISO | Ant1 | 5260 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5260 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5300 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5300 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5300 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5300 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5300 | LV | NT | -40000.00 | -7.547170  | 20 | PASS |
| 11AX20SISO | Ant1 | 5300 | HV | NT | -20000.00 | -3.773585  | 20 | PASS |
| 11AX20SISO | Ant2 | 5320 | NV | NT | 0.00      | 0.000000   | 20 | PASS |

|            |      |      |    |    |           |           |    |      |
|------------|------|------|----|----|-----------|-----------|----|------|
| 11AX20SISO | Ant2 | 5320 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5320 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5320 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5320 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5320 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5500 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5500 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5500 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5500 | NV | NT | 20000.00  | 3.636364  | 20 | PASS |
| 11AX20SISO | Ant1 | 5500 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5500 | HV | NT | -20000.00 | -3.636364 | 20 | PASS |
| 11AX20SISO | Ant2 | 5580 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5580 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5580 | HV | NT | -20000.00 | -3.584229 | 20 | PASS |
| 11AX20SISO | Ant1 | 5580 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5580 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5580 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5700 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5700 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5700 | HV | NT | -20000.00 | -3.508772 | 20 | PASS |
| 11AX20SISO | Ant1 | 5700 | NV | NT | -40000.00 | -7.017544 | 20 | PASS |
| 11AX20SISO | Ant1 | 5700 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5700 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5745 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5745 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5745 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5785 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5785 | LV | NT | 80000.00  | 13.828868 | 20 | PASS |
| 11AX20SISO | Ant2 | 5785 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5825 | NV | NT | -40000.00 | -6.866953 | 20 | PASS |
| 11AX20SISO | Ant2 | 5825 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5825 | HV | NT | -40000.00 | -6.866953 | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | NT | -20000.00 | -3.433476 | 20 | PASS |

|            |      |      |    |    |           |           |    |      |
|------------|------|------|----|----|-----------|-----------|----|------|
| 11AX20SISO | Ant1 | 5825 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant2 | 5190 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant2 | 5190 | LV | NT | -40000.00 | -7.707129 | 20 | PASS |
| 11AX40SISO | Ant2 | 5190 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | LV | NT | -40000.00 | -7.707129 | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | HV | NT | -40000.00 | -7.707129 | 20 | PASS |
| 11AX40SISO | Ant2 | 5230 | NV | NT | -40000.00 | -7.707129 | 20 | PASS |
| 11AX40SISO | Ant2 | 5230 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant2 | 5230 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | NT | 40000.00  | 7.648184  | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | LV | NT | -40000.00 | -7.648184 | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant2 | 5270 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant2 | 5270 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant2 | 5270 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant1 | 5270 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant1 | 5270 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant1 | 5270 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant2 | 5310 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant2 | 5310 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant2 | 5310 | HV | NT | 40000.00  | 7.532957  | 20 | PASS |
| 11AX40SISO | Ant1 | 5310 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant1 | 5310 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant1 | 5310 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant2 | 5510 | NV | NT | -40000.00 | -7.259528 | 20 | PASS |
| 11AX40SISO | Ant2 | 5510 | LV | NT | -40000.00 | -7.259528 | 20 | PASS |
| 11AX40SISO | Ant2 | 5510 | HV | NT | -40000.00 | -7.259528 | 20 | PASS |
| 11AX40SISO | Ant1 | 5510 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant1 | 5510 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant1 | 5510 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant2 | 5550 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant2 | 5550 | LV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant2 | 5550 | HV | NT | 40000.00  | 7.207207  | 20 | PASS |
| 11AX40SISO | Ant1 | 5550 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
| 11AX40SISO | Ant1 | 5550 | LV | NT | -40000.00 | -7.207207 | 20 | PASS |
| 11AX40SISO | Ant1 | 5550 | HV | NT | -40000.00 | -7.207207 | 20 | PASS |
| 11AX40SISO | Ant2 | 5670 | NV | NT | -40000.00 | -7.054674 | 20 | PASS |

|            |      |      |    |    |           |            |    |      |
|------------|------|------|----|----|-----------|------------|----|------|
| 11AX40SISO | Ant2 | 5670 | LV | NT | -40000.00 | -7.054674  | 20 | PASS |
| 11AX40SISO | Ant2 | 5670 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5670 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5670 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5670 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5755 | NV | NT | -40000.00 | -6.950478  | 20 | PASS |
| 11AX40SISO | Ant2 | 5755 | LV | NT | -40000.00 | -6.950478  | 20 | PASS |
| 11AX40SISO | Ant2 | 5755 | HV | NT | -40000.00 | -6.950478  | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5795 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5795 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5795 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5210 | NV | NT | -80000.00 | -15.355086 | 20 | PASS |
| 11AX80SISO | Ant2 | 5210 | LV | NT | -80000.00 | -15.355086 | 20 | PASS |
| 11AX80SISO | Ant2 | 5210 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5210 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5210 | LV | NT | -80000.00 | -15.355086 | 20 | PASS |
| 11AX80SISO | Ant1 | 5210 | HV | NT | -80000.00 | -15.355086 | 20 | PASS |
| 11AX80SISO | Ant2 | 5290 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5290 | LV | NT | -80000.00 | -15.122873 | 20 | PASS |
| 11AX80SISO | Ant2 | 5290 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5290 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5290 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5290 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5530 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5530 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5530 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5530 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5530 | LV | NT | -80000.00 | -14.466546 | 20 | PASS |
| 11AX80SISO | Ant1 | 5530 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5610 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5610 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5610 | HV | NT | -80000.00 | -14.260250 | 20 | PASS |
| 11AX80SISO | Ant1 | 5610 | NV | NT | -80000.00 | -14.260250 | 20 | PASS |

|            |      |      |    |    |           |            |    |      |
|------------|------|------|----|----|-----------|------------|----|------|
| 11AX80SISO | Ant1 | 5610 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5610 | HV | NT | -80000.00 | -14.260250 | 20 | PASS |
| 11AX80SISO | Ant2 | 5775 | NV | NT | 80000.00  | 13.852814  | 20 | PASS |
| 11AX80SISO | Ant2 | 5775 | LV | NT | -80000.00 | -14.260250 | 20 | PASS |
| 11AX80SISO | Ant2 | 5775 | HV | NT | -80000.00 | -13.852814 | 20 | PASS |
| 11AX80SISO | Ant1 | 5775 | NV | NT | -80000.00 | -13.852814 | 20 | PASS |
| 11AX80SISO | Ant1 | 5775 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5775 | HV | NT | 0.00      | 0.000000   | 20 | PASS |

| TestMode | Antenna | Frequency[MHz] | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|----------|---------|----------------|---------------|------------------|----------------|-----------------|-------------|---------|
| 11A      | Ant2    | 5180           | NV            | -30              | -20000.00      | -3.861004       | 20          | PASS    |
| 11A      | Ant2    | 5180           | NV            | -20              | -20000.00      | -3.861004       | 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               | -40000.00      | -7.722008       | 20          | PASS    |
| 11A      | Ant1    | 5180           | NV            | -30              | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5180           | NV            | -20              | -20000.00      | -3.861004       | 20          | PASS    |
| 11A      | Ant1    | 5180           | NV            | -10              | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5180           | NV            | 0                | -20000.00      | -3.861004       | 20          | PASS    |
| 11A      | Ant1    | 5180           | NV            | 10               | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5180           | NV            | 20               | 20000.00       | 3.861004        | 20          | PASS    |
| 11A      | Ant1    | 5180           | NV            | 30               | -20000.00      | -3.861004       | 20          | PASS    |
| 11A      | Ant1    | 5180           | NV            | 40               | -20000.00      | -3.861004       | 20          | PASS    |
| 11A      | Ant1    | 5180           | NV            | 50               | -40000.00      | -7.722008       | 20          | PASS    |
| 11A      | Ant2    | 5200           | NV            | -30              | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant2    | 5200           | NV            | -20              | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant2    | 5200           | NV            | -10              | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant2    | 5200           | NV            | 0                | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant2    | 5200           | NV            | 10               | -40000.00      | -7.692308       | 20          | PASS    |
| 11A      | Ant2    | 5200           | NV            | 20               | -20000.00      | -3.846154       | 20          | PASS    |
| 11A      | Ant2    | 5200           | NV            | 30               | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant2    | 5200           | NV            | 40               | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant2    | 5200           | NV            | 50               | 0.00           | 0.000000        | 20          | PASS    |
| 11A      | Ant1    | 5200           | NV            | -30              | -20000.00      | -3.846154       | 20          | PASS    |

|     |      |      |    |     |           |           |    |      |
|-----|------|------|----|-----|-----------|-----------|----|------|
| 11A | Ant1 | 5200 | NV | -20 | -40000.00 | -7.692308 | 20 | PASS |
| 11A | Ant1 | 5200 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5200 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5200 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5200 | NV | 20  | 20000.00  | 3.846154  | 20 | PASS |
| 11A | Ant1 | 5200 | NV | 30  | -20000.00 | -3.846154 | 20 | PASS |
| 11A | Ant1 | 5200 | NV | 40  | -40000.00 | -7.692308 | 20 | PASS |
| 11A | Ant1 | 5200 | NV | 50  | -20000.00 | -3.846154 | 20 | PASS |
| 11A | Ant2 | 5240 | NV | -30 | -20000.00 | -3.816794 | 20 | PASS |
| 11A | Ant2 | 5240 | NV | -20 | -40000.00 | -7.633588 | 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 | Ant1 | 5240 | NV | -30 | -20000.00 | -3.816794 | 20 | PASS |
| 11A | Ant1 | 5240 | NV | -20 | 0.00      | 0.000000  | 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  | 20000.00  | 3.816794  | 20 | PASS |
| 11A | Ant1 | 5240 | NV | 30  | 60000.00  | 11.450382 | 20 | PASS |
| 11A | Ant1 | 5240 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5240 | NV | 50  | -40000.00 | -7.633588 | 20 | PASS |
| 11A | Ant2 | 5260 | NV | -30 | -20000.00 | -3.802281 | 20 | PASS |
| 11A | Ant2 | 5260 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5260 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5260 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5260 | NV | 10  | -20000.00 | -3.802281 | 20 | PASS |
| 11A | Ant2 | 5260 | NV | 20  | -20000.00 | -3.802281 | 20 | PASS |
| 11A | Ant2 | 5260 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5260 | NV | 40  | -20000.00 | -3.802281 | 20 | PASS |
| 11A | Ant2 | 5260 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5260 | NV | -30 | 20000.00  | 3.802281  | 20 | PASS |
| 11A | Ant1 | 5260 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5260 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5260 | NV | 0   | -20000.00 | -3.802281 | 20 | PASS |

|     |      |      |    |     |           |           |    |      |
|-----|------|------|----|-----|-----------|-----------|----|------|
| 11A | Ant1 | 5260 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5260 | NV | 20  | 20000.00  | 3.802281  | 20 | PASS |
| 11A | Ant1 | 5260 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5260 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5260 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5300 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5300 | NV | -20 | 20000.00  | 3.773585  | 20 | PASS |
| 11A | Ant2 | 5300 | NV | -10 | -20000.00 | -3.773585 | 20 | PASS |
| 11A | Ant2 | 5300 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5300 | NV | 10  | 20000.00  | 3.773585  | 20 | PASS |
| 11A | Ant2 | 5300 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5300 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5300 | NV | 40  | 20000.00  | 3.773585  | 20 | PASS |
| 11A | Ant2 | 5300 | NV | 50  | -40000.00 | -7.547170 | 20 | PASS |
| 11A | Ant1 | 5300 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5300 | NV | -20 | -40000.00 | -7.547170 | 20 | PASS |
| 11A | Ant1 | 5300 | NV | -10 | 20000.00  | 3.773585  | 20 | PASS |
| 11A | Ant1 | 5300 | NV | 0   | 20000.00  | 3.773585  | 20 | PASS |
| 11A | Ant1 | 5300 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5300 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5300 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5300 | NV | 40  | 20000.00  | 3.773585  | 20 | PASS |
| 11A | Ant1 | 5300 | NV | 50  | 20000.00  | 3.773585  | 20 | PASS |
| 11A | Ant2 | 5320 | NV | -30 | 20000.00  | 3.759398  | 20 | PASS |
| 11A | Ant2 | 5320 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5320 | NV | -10 | -20000.00 | -3.759398 | 20 | PASS |
| 11A | Ant2 | 5320 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5320 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5320 | NV | 20  | 40000.00  | 7.518797  | 20 | PASS |
| 11A | Ant2 | 5320 | NV | 30  | -20000.00 | -3.759398 | 20 | PASS |
| 11A | Ant2 | 5320 | NV | 40  | -20000.00 | -3.759398 | 20 | PASS |
| 11A | Ant2 | 5320 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5320 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5320 | NV | -20 | 20000.00  | 3.759398  | 20 | PASS |
| 11A | Ant1 | 5320 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5320 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5320 | NV | 10  | -20000.00 | -3.759398 | 20 | PASS |
| 11A | Ant1 | 5320 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5320 | NV | 30  | -20000.00 | -3.759398 | 20 | PASS |

|     |      |      |    |     |           |           |    |      |
|-----|------|------|----|-----|-----------|-----------|----|------|
| 11A | Ant1 | 5320 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5320 | NV | 50  | -20000.00 | -3.759398 | 20 | PASS |
| 11A | Ant2 | 5500 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5500 | NV | -20 | -20000.00 | -3.636364 | 20 | PASS |
| 11A | Ant2 | 5500 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5500 | NV | 0   | -20000.00 | -3.636364 | 20 | PASS |
| 11A | Ant2 | 5500 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5500 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5500 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5500 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5500 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5500 | NV | -30 | -40000.00 | -7.272727 | 20 | PASS |
| 11A | Ant1 | 5500 | NV | -20 | -20000.00 | -3.636364 | 20 | PASS |
| 11A | Ant1 | 5500 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5500 | NV | 0   | -40000.00 | -7.272727 | 20 | PASS |
| 11A | Ant1 | 5500 | NV | 10  | 20000.00  | 3.636364  | 20 | PASS |
| 11A | Ant1 | 5500 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5500 | NV | 30  | 20000.00  | 3.636364  | 20 | PASS |
| 11A | Ant1 | 5500 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5500 | NV | 50  | -40000.00 | -7.272727 | 20 | PASS |
| 11A | Ant2 | 5580 | NV | -30 | -20000.00 | -3.584229 | 20 | PASS |
| 11A | Ant2 | 5580 | NV | -20 | -20000.00 | -3.584229 | 20 | PASS |
| 11A | Ant2 | 5580 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5580 | NV | 0   | -20000.00 | -3.584229 | 20 | PASS |
| 11A | Ant2 | 5580 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5580 | NV | 20  | -20000.00 | -3.584229 | 20 | PASS |
| 11A | Ant2 | 5580 | NV | 30  | -20000.00 | -3.584229 | 20 | PASS |
| 11A | Ant2 | 5580 | NV | 40  | -20000.00 | -3.584229 | 20 | PASS |
| 11A | Ant2 | 5580 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5580 | NV | -30 | -20000.00 | -3.584229 | 20 | PASS |
| 11A | Ant1 | 5580 | NV | -20 | -40000.00 | -7.168459 | 20 | PASS |
| 11A | Ant1 | 5580 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5580 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5580 | NV | 10  | -20000.00 | -3.584229 | 20 | PASS |
| 11A | Ant1 | 5580 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5580 | NV | 30  | -20000.00 | -3.584229 | 20 | PASS |
| 11A | Ant1 | 5580 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5580 | NV | 50  | 20000.00  | 3.584229  | 20 | PASS |
| 11A | Ant2 | 5700 | NV | -30 | 20000.00  | 3.508772  | 20 | PASS |

|     |      |      |    |     |           |           |    |      |
|-----|------|------|----|-----|-----------|-----------|----|------|
| 11A | Ant2 | 5700 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5700 | NV | -10 | -20000.00 | -3.508772 | 20 | PASS |
| 11A | Ant2 | 5700 | NV | 0   | -20000.00 | -3.508772 | 20 | PASS |
| 11A | Ant2 | 5700 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5700 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5700 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5700 | NV | 40  | -40000.00 | -7.017544 | 20 | PASS |
| 11A | Ant2 | 5700 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5700 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5700 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5700 | NV | -10 | -20000.00 | -3.508772 | 20 | PASS |
| 11A | Ant1 | 5700 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5700 | NV | 10  | -20000.00 | -3.508772 | 20 | PASS |
| 11A | Ant1 | 5700 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5700 | NV | 30  | -20000.00 | -3.508772 | 20 | PASS |
| 11A | Ant1 | 5700 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5700 | NV | 50  | -40000.00 | -7.017544 | 20 | PASS |
| 11A | Ant2 | 5745 | NV | -30 | 20000.00  | 3.481288  | 20 | PASS |
| 11A | Ant2 | 5745 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5745 | NV | -10 | -20000.00 | -3.481288 | 20 | PASS |
| 11A | Ant2 | 5745 | NV | 0   | -20000.00 | -3.481288 | 20 | PASS |
| 11A | Ant2 | 5745 | NV | 10  | -20000.00 | -3.481288 | 20 | PASS |
| 11A | Ant2 | 5745 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5745 | NV | 30  | -40000.00 | -6.962576 | 20 | PASS |
| 11A | Ant2 | 5745 | NV | 40  | -20000.00 | -3.481288 | 20 | PASS |
| 11A | Ant2 | 5745 | NV | 50  | -40000.00 | -6.962576 | 20 | PASS |
| 11A | Ant1 | 5745 | NV | -30 | -20000.00 | -3.481288 | 20 | PASS |
| 11A | Ant1 | 5745 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant1 | 5745 | NV | -10 | -20000.00 | -3.481288 | 20 | PASS |
| 11A | Ant1 | 5745 | NV | 0   | 20000.00  | 3.481288  | 20 | PASS |
| 11A | Ant1 | 5745 | NV | 10  | -20000.00 | -3.481288 | 20 | PASS |
| 11A | Ant1 | 5745 | NV | 20  | -40000.00 | -6.962576 | 20 | PASS |
| 11A | Ant1 | 5745 | NV | 30  | 40000.00  | 6.962576  | 20 | PASS |
| 11A | Ant1 | 5745 | NV | 40  | -20000.00 | -3.481288 | 20 | PASS |
| 11A | Ant1 | 5745 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5785 | NV | -30 | -40000.00 | -6.914434 | 20 | PASS |
| 11A | Ant2 | 5785 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5785 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11A | Ant2 | 5785 | NV | 0   | -40000.00 | -6.914434 | 20 | PASS |

|           |      |      |    |     |           |           |    |      |
|-----------|------|------|----|-----|-----------|-----------|----|------|
| 11A       | Ant2 | 5785 | NV | 10  | -40000.00 | -6.914434 | 20 | PASS |
| 11A       | Ant2 | 5785 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant2 | 5785 | NV | 30  | -20000.00 | -3.457217 | 20 | PASS |
| 11A       | Ant2 | 5785 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant2 | 5785 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5785 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5785 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5785 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5785 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5785 | NV | 10  | -20000.00 | -3.457217 | 20 | PASS |
| 11A       | Ant1 | 5785 | NV | 20  | -20000.00 | -3.457217 | 20 | PASS |
| 11A       | Ant1 | 5785 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5785 | NV | 40  | -20000.00 | -3.457217 | 20 | PASS |
| 11A       | Ant1 | 5785 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant2 | 5825 | NV | -30 | 20000.00  | 3.433476  | 20 | PASS |
| 11A       | Ant2 | 5825 | NV | -20 | -20000.00 | -3.433476 | 20 | PASS |
| 11A       | Ant2 | 5825 | NV | -10 | -40000.00 | -6.866953 | 20 | PASS |
| 11A       | Ant2 | 5825 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant2 | 5825 | NV | 10  | -40000.00 | -6.866953 | 20 | PASS |
| 11A       | Ant2 | 5825 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant2 | 5825 | NV | 30  | -40000.00 | -6.866953 | 20 | PASS |
| 11A       | Ant2 | 5825 | NV | 40  | -20000.00 | -3.433476 | 20 | PASS |
| 11A       | Ant2 | 5825 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5825 | NV | -30 | 20000.00  | 3.433476  | 20 | PASS |
| 11A       | Ant1 | 5825 | NV | -20 | -20000.00 | -3.433476 | 20 | PASS |
| 11A       | Ant1 | 5825 | NV | -10 | -20000.00 | -3.433476 | 20 | PASS |
| 11A       | Ant1 | 5825 | NV | 0   | -20000.00 | -3.433476 | 20 | PASS |
| 11A       | Ant1 | 5825 | NV | 10  | -20000.00 | -3.433476 | 20 | PASS |
| 11A       | Ant1 | 5825 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5825 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11A       | Ant1 | 5825 | NV | 40  | 20000.00  | 3.433476  | 20 | PASS |
| 11A       | Ant1 | 5825 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5180 | NV | -30 | -20000.00 | -3.861004 | 20 | PASS |
| 11N20SISO | Ant2 | 5180 | NV | -20 | -20000.00 | -3.861004 | 20 | PASS |
| 11N20SISO | Ant2 | 5180 | NV | -10 | -20000.00 | -3.861004 | 20 | PASS |
| 11N20SISO | Ant2 | 5180 | NV | 0   | -20000.00 | -3.861004 | 20 | PASS |
| 11N20SISO | Ant2 | 5180 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5180 | NV | 20  | -40000.00 | -7.722008 | 20 | PASS |
| 11N20SISO | Ant2 | 5180 | NV | 30  | -20000.00 | -3.861004 | 20 | PASS |

|           |      |      |    |     |           |           |    |      |
|-----------|------|------|----|-----|-----------|-----------|----|------|
| 11N20SISO | Ant2 | 5180 | NV | 40  | -20000.00 | -3.861004 | 20 | PASS |
| 11N20SISO | Ant2 | 5180 | NV | 50  | -20000.00 | -3.861004 | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | -20 | 20000.00  | 3.861004  | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | 10  | -40000.00 | -7.722008 | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5180 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5200 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5200 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5200 | NV | -10 | 20000.00  | 3.846154  | 20 | PASS |
| 11N20SISO | Ant2 | 5200 | NV | 0   | -20000.00 | -3.846154 | 20 | PASS |
| 11N20SISO | Ant2 | 5200 | NV | 10  | 20000.00  | 3.846154  | 20 | PASS |
| 11N20SISO | Ant2 | 5200 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5200 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5200 | NV | 40  | -20000.00 | -3.846154 | 20 | PASS |
| 11N20SISO | Ant2 | 5200 | NV | 50  | -20000.00 | -3.846154 | 20 | PASS |
| 11N20SISO | Ant1 | 5200 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5200 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5200 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5200 | NV | 0   | 40000.00  | 7.692308  | 20 | PASS |
| 11N20SISO | Ant1 | 5200 | NV | 10  | 20000.00  | 3.846154  | 20 | PASS |
| 11N20SISO | Ant1 | 5200 | NV | 20  | -20000.00 | -3.846154 | 20 | PASS |
| 11N20SISO | Ant1 | 5200 | NV | 30  | -20000.00 | -3.846154 | 20 | PASS |
| 11N20SISO | Ant1 | 5200 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5200 | NV | 50  | -20000.00 | -3.846154 | 20 | PASS |
| 11N20SISO | Ant2 | 5240 | NV | -30 | -20000.00 | -3.816794 | 20 | PASS |
| 11N20SISO | Ant2 | 5240 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5240 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5240 | NV | 0   | 20000.00  | 3.816794  | 20 | PASS |
| 11N20SISO | Ant2 | 5240 | NV | 10  | -20000.00 | -3.816794 | 20 | PASS |
| 11N20SISO | Ant2 | 5240 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5240 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5240 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5240 | NV | 50  | -20000.00 | -3.816794 | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | -30 | -20000.00 | -3.816794 | 20 | PASS |

|           |      |      |    |     |           |           |    |      |
|-----------|------|------|----|-----|-----------|-----------|----|------|
| 11N20SISO | Ant1 | 5240 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | -10 | -20000.00 | -3.816794 | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | 10  | 20000.00  | 3.816794  | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | 30  | 20000.00  | 3.816794  | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5240 | NV | 50  | -20000.00 | -3.816794 | 20 | PASS |
| 11N20SISO | Ant2 | 5260 | NV | -30 | -20000.00 | -3.802281 | 20 | PASS |
| 11N20SISO | Ant2 | 5260 | NV | -20 | -20000.00 | -3.802281 | 20 | PASS |
| 11N20SISO | Ant2 | 5260 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5260 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5260 | NV | 10  | 20000.00  | 3.802281  | 20 | PASS |
| 11N20SISO | Ant2 | 5260 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5260 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5260 | NV | 40  | 40000.00  | 7.604563  | 20 | PASS |
| 11N20SISO | Ant2 | 5260 | NV | 50  | 20000.00  | 3.802281  | 20 | PASS |
| 11N20SISO | Ant1 | 5260 | NV | -30 | 20000.00  | 3.802281  | 20 | PASS |
| 11N20SISO | Ant1 | 5260 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5260 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5260 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5260 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5260 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5260 | NV | 30  | 20000.00  | 3.802281  | 20 | PASS |
| 11N20SISO | Ant1 | 5260 | NV | 40  | -20000.00 | -3.802281 | 20 | PASS |
| 11N20SISO | Ant1 | 5260 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5300 | NV | -30 | -20000.00 | -3.773585 | 20 | PASS |
| 11N20SISO | Ant2 | 5300 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5300 | NV | -10 | -20000.00 | -3.773585 | 20 | PASS |
| 11N20SISO | Ant2 | 5300 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5300 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5300 | NV | 20  | -20000.00 | -3.773585 | 20 | PASS |
| 11N20SISO | Ant2 | 5300 | NV | 30  | 20000.00  | 3.773585  | 20 | PASS |
| 11N20SISO | Ant2 | 5300 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5300 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5300 | NV | -30 | -20000.00 | -3.773585 | 20 | PASS |
| 11N20SISO | Ant1 | 5300 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5300 | NV | -10 | -40000.00 | -7.547170 | 20 | PASS |
| 11N20SISO | Ant1 | 5300 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |

|           |      |      |    |     |           |           |    |      |
|-----------|------|------|----|-----|-----------|-----------|----|------|
| 11N20SISO | Ant1 | 5300 | NV | 10  | 20000.00  | 3.773585  | 20 | PASS |
| 11N20SISO | Ant1 | 5300 | NV | 20  | -20000.00 | -3.773585 | 20 | PASS |
| 11N20SISO | Ant1 | 5300 | NV | 30  | 20000.00  | 3.773585  | 20 | PASS |
| 11N20SISO | Ant1 | 5300 | NV | 40  | -20000.00 | -3.773585 | 20 | PASS |
| 11N20SISO | Ant1 | 5300 | NV | 50  | 20000.00  | 3.773585  | 20 | PASS |
| 11N20SISO | Ant2 | 5320 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5320 | NV | -20 | 20000.00  | 3.759398  | 20 | PASS |
| 11N20SISO | Ant2 | 5320 | NV | -10 | -40000.00 | -7.518797 | 20 | PASS |
| 11N20SISO | Ant2 | 5320 | NV | 0   | 20000.00  | 3.759398  | 20 | PASS |
| 11N20SISO | Ant2 | 5320 | NV | 10  | -20000.00 | -3.759398 | 20 | PASS |
| 11N20SISO | Ant2 | 5320 | NV | 20  | -20000.00 | -3.759398 | 20 | PASS |
| 11N20SISO | Ant2 | 5320 | NV | 30  | -20000.00 | -3.759398 | 20 | PASS |
| 11N20SISO | Ant2 | 5320 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5320 | NV | 50  | -20000.00 | -3.759398 | 20 | PASS |
| 11N20SISO | Ant1 | 5320 | NV | -30 | -20000.00 | -3.759398 | 20 | PASS |
| 11N20SISO | Ant1 | 5320 | NV | -20 | 20000.00  | 3.759398  | 20 | PASS |
| 11N20SISO | Ant1 | 5320 | NV | -10 | -40000.00 | -7.518797 | 20 | PASS |
| 11N20SISO | Ant1 | 5320 | NV | 0   | 20000.00  | 3.759398  | 20 | PASS |
| 11N20SISO | Ant1 | 5320 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5320 | NV | 20  | 20000.00  | 3.759398  | 20 | PASS |
| 11N20SISO | Ant1 | 5320 | NV | 30  | -20000.00 | -3.759398 | 20 | PASS |
| 11N20SISO | Ant1 | 5320 | NV | 40  | -20000.00 | -3.759398 | 20 | PASS |
| 11N20SISO | Ant1 | 5320 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5500 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5500 | NV | -20 | -40000.00 | -7.272727 | 20 | PASS |
| 11N20SISO | Ant2 | 5500 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5500 | NV | 0   | -40000.00 | -7.272727 | 20 | PASS |
| 11N20SISO | Ant2 | 5500 | NV | 10  | -20000.00 | -3.636364 | 20 | PASS |
| 11N20SISO | Ant2 | 5500 | NV | 20  | -20000.00 | -3.636364 | 20 | PASS |
| 11N20SISO | Ant2 | 5500 | NV | 30  | -20000.00 | -3.636364 | 20 | PASS |
| 11N20SISO | Ant2 | 5500 | NV | 40  | -20000.00 | -3.636364 | 20 | PASS |
| 11N20SISO | Ant2 | 5500 | NV | 50  | -40000.00 | -7.272727 | 20 | PASS |
| 11N20SISO | Ant1 | 5500 | NV | -30 | -20000.00 | -3.636364 | 20 | PASS |
| 11N20SISO | Ant1 | 5500 | NV | -20 | 20000.00  | 3.636364  | 20 | PASS |
| 11N20SISO | Ant1 | 5500 | NV | -10 | -20000.00 | -3.636364 | 20 | PASS |
| 11N20SISO | Ant1 | 5500 | NV | 0   | -20000.00 | -3.636364 | 20 | PASS |
| 11N20SISO | Ant1 | 5500 | NV | 10  | -20000.00 | -3.636364 | 20 | PASS |
| 11N20SISO | Ant1 | 5500 | NV | 20  | -20000.00 | -3.636364 | 20 | PASS |
| 11N20SISO | Ant1 | 5500 | NV | 30  | -20000.00 | -3.636364 | 20 | PASS |

|           |      |      |    |     |           |           |    |      |
|-----------|------|------|----|-----|-----------|-----------|----|------|
| 11N20SISO | Ant1 | 5500 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5500 | NV | 50  | -20000.00 | -3.636364 | 20 | PASS |
| 11N20SISO | Ant2 | 5580 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5580 | NV | -20 | -20000.00 | -3.584229 | 20 | PASS |
| 11N20SISO | Ant2 | 5580 | NV | -10 | 20000.00  | 3.584229  | 20 | PASS |
| 11N20SISO | Ant2 | 5580 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5580 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5580 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5580 | NV | 30  | 20000.00  | 3.584229  | 20 | PASS |
| 11N20SISO | Ant2 | 5580 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5580 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5580 | NV | -30 | -20000.00 | -3.584229 | 20 | PASS |
| 11N20SISO | Ant1 | 5580 | NV | -20 | -20000.00 | -3.584229 | 20 | PASS |
| 11N20SISO | Ant1 | 5580 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5580 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5580 | NV | 10  | -20000.00 | -3.584229 | 20 | PASS |
| 11N20SISO | Ant1 | 5580 | NV | 20  | -20000.00 | -3.584229 | 20 | PASS |
| 11N20SISO | Ant1 | 5580 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5580 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5580 | NV | 50  | -20000.00 | -3.584229 | 20 | PASS |
| 11N20SISO | Ant2 | 5700 | NV | -30 | -40000.00 | -7.017544 | 20 | PASS |
| 11N20SISO | Ant2 | 5700 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5700 | NV | -10 | -20000.00 | -3.508772 | 20 | PASS |
| 11N20SISO | Ant2 | 5700 | NV | 0   | -20000.00 | -3.508772 | 20 | PASS |
| 11N20SISO | Ant2 | 5700 | NV | 10  | -20000.00 | -3.508772 | 20 | PASS |
| 11N20SISO | Ant2 | 5700 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5700 | NV | 30  | -20000.00 | -3.508772 | 20 | PASS |
| 11N20SISO | Ant2 | 5700 | NV | 40  | -20000.00 | -3.508772 | 20 | PASS |
| 11N20SISO | Ant2 | 5700 | NV | 50  | -20000.00 | -3.508772 | 20 | PASS |
| 11N20SISO | Ant1 | 5700 | NV | -30 | -20000.00 | -3.508772 | 20 | PASS |
| 11N20SISO | Ant1 | 5700 | NV | -20 | -20000.00 | -3.508772 | 20 | PASS |
| 11N20SISO | Ant1 | 5700 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5700 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5700 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5700 | NV | 20  | -20000.00 | -3.508772 | 20 | PASS |
| 11N20SISO | Ant1 | 5700 | NV | 30  | 20000.00  | 3.508772  | 20 | PASS |
| 11N20SISO | Ant1 | 5700 | NV | 40  | -20000.00 | -3.508772 | 20 | PASS |
| 11N20SISO | Ant1 | 5700 | NV | 50  | -20000.00 | -3.508772 | 20 | PASS |
| 11N20SISO | Ant2 | 5745 | NV | -30 | -20000.00 | -3.481288 | 20 | PASS |

|           |      |      |    |     |           |            |    |      |
|-----------|------|------|----|-----|-----------|------------|----|------|
| 11N20SISO | Ant2 | 5745 | NV | -20 | -20000.00 | -3.481288  | 20 | PASS |
| 11N20SISO | Ant2 | 5745 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11N20SISO | Ant2 | 5745 | NV | 0   | -20000.00 | -3.481288  | 20 | PASS |
| 11N20SISO | Ant2 | 5745 | NV | 10  | -20000.00 | -3.481288  | 20 | PASS |
| 11N20SISO | Ant2 | 5745 | NV | 20  | 20000.00  | 3.481288   | 20 | PASS |
| 11N20SISO | Ant2 | 5745 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11N20SISO | Ant2 | 5745 | NV | 40  | -20000.00 | -3.481288  | 20 | PASS |
| 11N20SISO | Ant2 | 5745 | NV | 50  | -20000.00 | -3.481288  | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | -30 | -20000.00 | -3.481288  | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | -20 | 20000.00  | 3.481288   | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | 0   | -20000.00 | -3.481288  | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | 10  | -20000.00 | -3.481288  | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | 40  | 20000.00  | 3.481288   | 20 | PASS |
| 11N20SISO | Ant1 | 5745 | NV | 50  | 20000.00  | 3.481288   | 20 | PASS |
| 11N20SISO | Ant2 | 5785 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11N20SISO | Ant2 | 5785 | NV | -20 | -20000.00 | -3.457217  | 20 | PASS |
| 11N20SISO | Ant2 | 5785 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11N20SISO | Ant2 | 5785 | NV | 0   | -20000.00 | -3.457217  | 20 | PASS |
| 11N20SISO | Ant2 | 5785 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11N20SISO | Ant2 | 5785 | NV | 20  | -40000.00 | -6.914434  | 20 | PASS |
| 11N20SISO | Ant2 | 5785 | NV | 30  | -20000.00 | -3.457217  | 20 | PASS |
| 11N20SISO | Ant2 | 5785 | NV | 40  | -60000.00 | -10.371651 | 20 | PASS |
| 11N20SISO | Ant2 | 5785 | NV | 50  | -20000.00 | -3.457217  | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | -30 | 20000.00  | 3.457217   | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | -20 | -20000.00 | -3.457217  | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | 10  | -20000.00 | -3.457217  | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | 30  | -20000.00 | -3.457217  | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | 40  | -20000.00 | -3.457217  | 20 | PASS |
| 11N20SISO | Ant1 | 5785 | NV | 50  | 20000.00  | 3.457217   | 20 | PASS |
| 11N20SISO | Ant2 | 5825 | NV | -30 | -20000.00 | -3.433476  | 20 | PASS |
| 11N20SISO | Ant2 | 5825 | NV | -20 | -20000.00 | -3.433476  | 20 | PASS |
| 11N20SISO | Ant2 | 5825 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11N20SISO | Ant2 | 5825 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |

|           |      |      |    |     |           |           |    |      |
|-----------|------|------|----|-----|-----------|-----------|----|------|
| 11N20SISO | Ant2 | 5825 | NV | 10  | 20000.00  | 3.433476  | 20 | PASS |
| 11N20SISO | Ant2 | 5825 | NV | 20  | 20000.00  | 3.433476  | 20 | PASS |
| 11N20SISO | Ant2 | 5825 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant2 | 5825 | NV | 40  | -20000.00 | -3.433476 | 20 | PASS |
| 11N20SISO | Ant2 | 5825 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | -20 | -20000.00 | -3.433476 | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | 0   | -20000.00 | -3.433476 | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | 40  | -20000.00 | -3.433476 | 20 | PASS |
| 11N20SISO | Ant1 | 5825 | NV | 50  | -20000.00 | -3.433476 | 20 | PASS |
| 11N40SISO | Ant2 | 5190 | NV | -30 | -40000.00 | -7.707129 | 20 | PASS |
| 11N40SISO | Ant2 | 5190 | NV | -20 | 40000.00  | 7.707129  | 20 | PASS |
| 11N40SISO | Ant2 | 5190 | NV | -10 | 40000.00  | 7.707129  | 20 | PASS |
| 11N40SISO | Ant2 | 5190 | NV | 0   | -40000.00 | -7.707129 | 20 | PASS |
| 11N40SISO | Ant2 | 5190 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5190 | NV | 20  | 40000.00  | 7.707129  | 20 | PASS |
| 11N40SISO | Ant2 | 5190 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5190 | NV | 40  | -40000.00 | -7.707129 | 20 | PASS |
| 11N40SISO | Ant2 | 5190 | NV | 50  | 40000.00  | 7.707129  | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | -20 | -40000.00 | -7.707129 | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | -10 | -40000.00 | -7.707129 | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | 10  | 80000.00  | 15.414258 | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | 40  | -40000.00 | -7.707129 | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5230 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5230 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5230 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5230 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5230 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5230 | NV | 20  | -40000.00 | -7.648184 | 20 | PASS |
| 11N40SISO | Ant2 | 5230 | NV | 30  | 40000.00  | 7.648184  | 20 | PASS |

|           |      |      |    |     |           |           |    |      |
|-----------|------|------|----|-----|-----------|-----------|----|------|
| 11N40SISO | Ant2 | 5230 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5230 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | -10 | -40000.00 | -7.648184 | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | 30  | 40000.00  | 7.648184  | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5230 | NV | 50  | -40000.00 | -7.648184 | 20 | PASS |
| 11N40SISO | Ant2 | 5270 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5270 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5270 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5270 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5270 | NV | 10  | -40000.00 | -7.590133 | 20 | PASS |
| 11N40SISO | Ant2 | 5270 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5270 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5270 | NV | 40  | -40000.00 | -7.590133 | 20 | PASS |
| 11N40SISO | Ant2 | 5270 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5270 | NV | -30 | -40000.00 | -7.590133 | 20 | PASS |
| 11N40SISO | Ant1 | 5270 | NV | -20 | 40000.00  | 7.590133  | 20 | PASS |
| 11N40SISO | Ant1 | 5270 | NV | -10 | -40000.00 | -7.590133 | 20 | PASS |
| 11N40SISO | Ant1 | 5270 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5270 | NV | 10  | 40000.00  | 7.590133  | 20 | PASS |
| 11N40SISO | Ant1 | 5270 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5270 | NV | 30  | -40000.00 | -7.590133 | 20 | PASS |
| 11N40SISO | Ant1 | 5270 | NV | 40  | 40000.00  | 7.590133  | 20 | PASS |
| 11N40SISO | Ant1 | 5270 | NV | 50  | -40000.00 | -7.590133 | 20 | PASS |
| 11N40SISO | Ant2 | 5310 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5310 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5310 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5310 | NV | 0   | -40000.00 | -7.532957 | 20 | PASS |
| 11N40SISO | Ant2 | 5310 | NV | 10  | -40000.00 | -7.532957 | 20 | PASS |
| 11N40SISO | Ant2 | 5310 | NV | 20  | -40000.00 | -7.532957 | 20 | PASS |
| 11N40SISO | Ant2 | 5310 | NV | 30  | 40000.00  | 7.532957  | 20 | PASS |
| 11N40SISO | Ant2 | 5310 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5310 | NV | 50  | 0.00      | 0.000000  | 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 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5310 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5310 | NV | 10  | 40000.00  | 7.532957  | 20 | PASS |
| 11N40SISO | Ant1 | 5310 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5310 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5310 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5310 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5510 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5510 | NV | -20 | -40000.00 | -7.259528 | 20 | PASS |
| 11N40SISO | Ant2 | 5510 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5510 | NV | 0   | -40000.00 | -7.259528 | 20 | PASS |
| 11N40SISO | Ant2 | 5510 | NV | 10  | -40000.00 | -7.259528 | 20 | PASS |
| 11N40SISO | Ant2 | 5510 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5510 | NV | 30  | -40000.00 | -7.259528 | 20 | PASS |
| 11N40SISO | Ant2 | 5510 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5510 | NV | 50  | -40000.00 | -7.259528 | 20 | PASS |
| 11N40SISO | Ant1 | 5510 | NV | -30 | -40000.00 | -7.259528 | 20 | PASS |
| 11N40SISO | Ant1 | 5510 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5510 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5510 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5510 | NV | 10  | -40000.00 | -7.259528 | 20 | PASS |
| 11N40SISO | Ant1 | 5510 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5510 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5510 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5510 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5550 | NV | -30 | 40000.00  | 7.207207  | 20 | PASS |
| 11N40SISO | Ant2 | 5550 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5550 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5550 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5550 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5550 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5550 | NV | 30  | -40000.00 | -7.207207 | 20 | PASS |
| 11N40SISO | Ant2 | 5550 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5550 | NV | 50  | -40000.00 | -7.207207 | 20 | PASS |
| 11N40SISO | Ant1 | 5550 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5550 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5550 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5550 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |

|           |      |      |    |     |           |           |    |      |
|-----------|------|------|----|-----|-----------|-----------|----|------|
| 11N40SISO | Ant1 | 5550 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5550 | NV | 20  | -40000.00 | -7.207207 | 20 | PASS |
| 11N40SISO | Ant1 | 5550 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5550 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5550 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5670 | NV | -30 | 40000.00  | 7.054674  | 20 | PASS |
| 11N40SISO | Ant2 | 5670 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5670 | NV | -10 | -40000.00 | -7.054674 | 20 | PASS |
| 11N40SISO | Ant2 | 5670 | NV | 0   | -40000.00 | -7.054674 | 20 | PASS |
| 11N40SISO | Ant2 | 5670 | NV | 10  | 80000.00  | 14.109347 | 20 | PASS |
| 11N40SISO | Ant2 | 5670 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5670 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5670 | NV | 40  | -40000.00 | -7.054674 | 20 | PASS |
| 11N40SISO | Ant2 | 5670 | NV | 50  | -40000.00 | -7.054674 | 20 | PASS |
| 11N40SISO | Ant1 | 5670 | NV | -30 | -40000.00 | -7.054674 | 20 | PASS |
| 11N40SISO | Ant1 | 5670 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5670 | NV | -10 | 40000.00  | 7.054674  | 20 | PASS |
| 11N40SISO | Ant1 | 5670 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5670 | NV | 10  | -40000.00 | -7.054674 | 20 | PASS |
| 11N40SISO | Ant1 | 5670 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5670 | NV | 30  | -40000.00 | -7.054674 | 20 | PASS |
| 11N40SISO | Ant1 | 5670 | NV | 40  | -40000.00 | -7.054674 | 20 | PASS |
| 11N40SISO | Ant1 | 5670 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5755 | NV | -30 | -40000.00 | -6.950478 | 20 | PASS |
| 11N40SISO | Ant2 | 5755 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5755 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5755 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5755 | NV | 10  | 40000.00  | 6.950478  | 20 | PASS |
| 11N40SISO | Ant2 | 5755 | NV | 20  | -40000.00 | -6.950478 | 20 | PASS |
| 11N40SISO | Ant2 | 5755 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5755 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant2 | 5755 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5755 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5755 | NV | -20 | -40000.00 | -6.950478 | 20 | PASS |
| 11N40SISO | Ant1 | 5755 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5755 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5755 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5755 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO | Ant1 | 5755 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |

|            |      |      |    |     |           |           |    |      |
|------------|------|------|----|-----|-----------|-----------|----|------|
| 11N40SISO  | Ant1 | 5755 | NV | 40  | -40000.00 | -6.950478 | 20 | PASS |
| 11N40SISO  | Ant1 | 5755 | NV | 50  | -40000.00 | -6.950478 | 20 | PASS |
| 11N40SISO  | Ant2 | 5795 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO  | Ant2 | 5795 | NV | -20 | -40000.00 | -6.902502 | 20 | PASS |
| 11N40SISO  | Ant2 | 5795 | NV | -10 | 40000.00  | 6.902502  | 20 | PASS |
| 11N40SISO  | Ant2 | 5795 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO  | Ant2 | 5795 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO  | Ant2 | 5795 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO  | Ant2 | 5795 | NV | 30  | -40000.00 | -6.902502 | 20 | PASS |
| 11N40SISO  | Ant2 | 5795 | NV | 40  | -40000.00 | -6.902502 | 20 | PASS |
| 11N40SISO  | Ant2 | 5795 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | 10  | 40000.00  | 6.902502  | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11N40SISO  | Ant1 | 5795 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5180 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5180 | NV | -20 | -20000.00 | -3.861004 | 20 | PASS |
| 11AC20SISO | Ant2 | 5180 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5180 | NV | 0   | 20000.00  | 3.861004  | 20 | PASS |
| 11AC20SISO | Ant2 | 5180 | NV | 10  | -20000.00 | -3.861004 | 20 | PASS |
| 11AC20SISO | Ant2 | 5180 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5180 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5180 | NV | 40  | -20000.00 | -3.861004 | 20 | PASS |
| 11AC20SISO | Ant2 | 5180 | NV | 50  | -20000.00 | -3.861004 | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | 20  | -20000.00 | -3.861004 | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | 30  | -40000.00 | -7.722008 | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | 40  | 20000.00  | 3.861004  | 20 | PASS |
| 11AC20SISO | Ant1 | 5180 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5200 | NV | -30 | -20000.00 | -3.846154 | 20 | PASS |

|            |      |      |    |     |           |           |    |      |
|------------|------|------|----|-----|-----------|-----------|----|------|
| 11AC20SISO | Ant2 | 5200 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5200 | NV | -10 | 20000.00  | 3.846154  | 20 | PASS |
| 11AC20SISO | Ant2 | 5200 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5200 | NV | 10  | -20000.00 | -3.846154 | 20 | PASS |
| 11AC20SISO | Ant2 | 5200 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5200 | NV | 30  | 20000.00  | 3.846154  | 20 | PASS |
| 11AC20SISO | Ant2 | 5200 | NV | 40  | -20000.00 | -3.846154 | 20 | PASS |
| 11AC20SISO | Ant2 | 5200 | NV | 50  | -20000.00 | -3.846154 | 20 | PASS |
| 11AC20SISO | Ant1 | 5200 | NV | -30 | -20000.00 | -3.846154 | 20 | PASS |
| 11AC20SISO | Ant1 | 5200 | NV | -20 | -20000.00 | -3.846154 | 20 | PASS |
| 11AC20SISO | Ant1 | 5200 | NV | -10 | -20000.00 | -3.846154 | 20 | PASS |
| 11AC20SISO | Ant1 | 5200 | NV | 0   | -40000.00 | -7.692308 | 20 | PASS |
| 11AC20SISO | Ant1 | 5200 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5200 | NV | 20  | -20000.00 | -3.846154 | 20 | PASS |
| 11AC20SISO | Ant1 | 5200 | NV | 30  | 20000.00  | 3.846154  | 20 | PASS |
| 11AC20SISO | Ant1 | 5200 | NV | 40  | -40000.00 | -7.692308 | 20 | PASS |
| 11AC20SISO | Ant1 | 5200 | NV | 50  | -20000.00 | -3.846154 | 20 | PASS |
| 11AC20SISO | Ant2 | 5240 | NV | -30 | -40000.00 | -7.633588 | 20 | PASS |
| 11AC20SISO | Ant2 | 5240 | NV | -20 | -20000.00 | -3.816794 | 20 | PASS |
| 11AC20SISO | Ant2 | 5240 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5240 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5240 | NV | 10  | 20000.00  | 3.816794  | 20 | PASS |
| 11AC20SISO | Ant2 | 5240 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5240 | NV | 30  | 20000.00  | 3.816794  | 20 | PASS |
| 11AC20SISO | Ant2 | 5240 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5240 | NV | 50  | -20000.00 | -3.816794 | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | -30 | -20000.00 | -3.816794 | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | -20 | -20000.00 | -3.816794 | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | 40  | -20000.00 | -3.816794 | 20 | PASS |
| 11AC20SISO | Ant1 | 5240 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5260 | NV | -30 | 20000.00  | 3.802281  | 20 | PASS |
| 11AC20SISO | Ant2 | 5260 | NV | -20 | -20000.00 | -3.802281 | 20 | PASS |
| 11AC20SISO | Ant2 | 5260 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5260 | NV | 0   | 20000.00  | 3.802281  | 20 | PASS |

|            |      |      |    |     |           |           |    |      |
|------------|------|------|----|-----|-----------|-----------|----|------|
| 11AC20SISO | Ant2 | 5260 | NV | 10  | 40000.00  | 7.604563  | 20 | PASS |
| 11AC20SISO | Ant2 | 5260 | NV | 20  | -20000.00 | -3.802281 | 20 | PASS |
| 11AC20SISO | Ant2 | 5260 | NV | 30  | 40000.00  | 7.604563  | 20 | PASS |
| 11AC20SISO | Ant2 | 5260 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5260 | NV | 50  | -20000.00 | -3.802281 | 20 | PASS |
| 11AC20SISO | Ant1 | 5260 | NV | -30 | -20000.00 | -3.802281 | 20 | PASS |
| 11AC20SISO | Ant1 | 5260 | NV | -20 | 20000.00  | 3.802281  | 20 | PASS |
| 11AC20SISO | Ant1 | 5260 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5260 | NV | 0   | 20000.00  | 3.802281  | 20 | PASS |
| 11AC20SISO | Ant1 | 5260 | NV | 10  | 20000.00  | 3.802281  | 20 | PASS |
| 11AC20SISO | Ant1 | 5260 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5260 | NV | 30  | 20000.00  | 3.802281  | 20 | PASS |
| 11AC20SISO | Ant1 | 5260 | NV | 40  | -20000.00 | -3.802281 | 20 | PASS |
| 11AC20SISO | Ant1 | 5260 | NV | 50  | -20000.00 | -3.802281 | 20 | PASS |
| 11AC20SISO | Ant2 | 5300 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5300 | NV | -20 | -20000.00 | -3.773585 | 20 | PASS |
| 11AC20SISO | Ant2 | 5300 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5300 | NV | 0   | -40000.00 | -7.547170 | 20 | PASS |
| 11AC20SISO | Ant2 | 5300 | NV | 10  | -20000.00 | -3.773585 | 20 | PASS |
| 11AC20SISO | Ant2 | 5300 | NV | 20  | 40000.00  | 7.547170  | 20 | PASS |
| 11AC20SISO | Ant2 | 5300 | NV | 30  | 20000.00  | 3.773585  | 20 | PASS |
| 11AC20SISO | Ant2 | 5300 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5300 | NV | 50  | -20000.00 | -3.773585 | 20 | PASS |
| 11AC20SISO | Ant1 | 5300 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5300 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5300 | NV | -10 | -20000.00 | -3.773585 | 20 | PASS |
| 11AC20SISO | Ant1 | 5300 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5300 | NV | 10  | -20000.00 | -3.773585 | 20 | PASS |
| 11AC20SISO | Ant1 | 5300 | NV | 20  | 20000.00  | 3.773585  | 20 | PASS |
| 11AC20SISO | Ant1 | 5300 | NV | 30  | 20000.00  | 3.773585  | 20 | PASS |
| 11AC20SISO | Ant1 | 5300 | NV | 40  | -20000.00 | -3.773585 | 20 | PASS |
| 11AC20SISO | Ant1 | 5300 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5320 | NV | -30 | 20000.00  | 3.759398  | 20 | PASS |
| 11AC20SISO | Ant2 | 5320 | NV | -20 | -20000.00 | -3.759398 | 20 | PASS |
| 11AC20SISO | Ant2 | 5320 | NV | -10 | 20000.00  | 3.759398  | 20 | PASS |
| 11AC20SISO | Ant2 | 5320 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5320 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5320 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5320 | NV | 30  | -40000.00 | -7.518797 | 20 | PASS |

|            |      |      |    |     |           |           |    |      |
|------------|------|------|----|-----|-----------|-----------|----|------|
| 11AC20SISO | Ant2 | 5320 | NV | 40  | -20000.00 | -3.759398 | 20 | PASS |
| 11AC20SISO | Ant2 | 5320 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5320 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5320 | NV | -20 | 20000.00  | 3.759398  | 20 | PASS |
| 11AC20SISO | Ant1 | 5320 | NV | -10 | 20000.00  | 3.759398  | 20 | PASS |
| 11AC20SISO | Ant1 | 5320 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5320 | NV | 10  | 20000.00  | 3.759398  | 20 | PASS |
| 11AC20SISO | Ant1 | 5320 | NV | 20  | -20000.00 | -3.759398 | 20 | PASS |
| 11AC20SISO | Ant1 | 5320 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5320 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5320 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5500 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5500 | NV | -20 | -40000.00 | -7.272727 | 20 | PASS |
| 11AC20SISO | Ant2 | 5500 | NV | -10 | -20000.00 | -3.636364 | 20 | PASS |
| 11AC20SISO | Ant2 | 5500 | NV | 0   | -20000.00 | -3.636364 | 20 | PASS |
| 11AC20SISO | Ant2 | 5500 | NV | 10  | -40000.00 | -7.272727 | 20 | PASS |
| 11AC20SISO | Ant2 | 5500 | NV | 20  | -20000.00 | -3.636364 | 20 | PASS |
| 11AC20SISO | Ant2 | 5500 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5500 | NV | 40  | -20000.00 | -3.636364 | 20 | PASS |
| 11AC20SISO | Ant2 | 5500 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5500 | NV | -30 | -20000.00 | -3.636364 | 20 | PASS |
| 11AC20SISO | Ant1 | 5500 | NV | -20 | -20000.00 | -3.636364 | 20 | PASS |
| 11AC20SISO | Ant1 | 5500 | NV | -10 | -20000.00 | -3.636364 | 20 | PASS |
| 11AC20SISO | Ant1 | 5500 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5500 | NV | 10  | 20000.00  | 3.636364  | 20 | PASS |
| 11AC20SISO | Ant1 | 5500 | NV | 20  | -20000.00 | -3.636364 | 20 | PASS |
| 11AC20SISO | Ant1 | 5500 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5500 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5500 | NV | 50  | -40000.00 | -7.272727 | 20 | PASS |
| 11AC20SISO | Ant2 | 5580 | NV | -30 | -20000.00 | -3.584229 | 20 | PASS |
| 11AC20SISO | Ant2 | 5580 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5580 | NV | -10 | -20000.00 | -3.584229 | 20 | PASS |
| 11AC20SISO | Ant2 | 5580 | NV | 0   | -20000.00 | -3.584229 | 20 | PASS |
| 11AC20SISO | Ant2 | 5580 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5580 | NV | 20  | -20000.00 | -3.584229 | 20 | PASS |
| 11AC20SISO | Ant2 | 5580 | NV | 30  | -40000.00 | -7.168459 | 20 | PASS |
| 11AC20SISO | Ant2 | 5580 | NV | 40  | -20000.00 | -3.584229 | 20 | PASS |
| 11AC20SISO | Ant2 | 5580 | NV | 50  | -20000.00 | -3.584229 | 20 | PASS |
| 11AC20SISO | Ant1 | 5580 | NV | -30 | -40000.00 | -7.168459 | 20 | PASS |

|            |      |      |    |     |           |           |    |      |
|------------|------|------|----|-----|-----------|-----------|----|------|
| 11AC20SISO | Ant1 | 5580 | NV | -20 | -20000.00 | -3.584229 | 20 | PASS |
| 11AC20SISO | Ant1 | 5580 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5580 | NV | 0   | -20000.00 | -3.584229 | 20 | PASS |
| 11AC20SISO | Ant1 | 5580 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5580 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5580 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5580 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5580 | NV | 50  | -20000.00 | -3.584229 | 20 | PASS |
| 11AC20SISO | Ant2 | 5700 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5700 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5700 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5700 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5700 | NV | 10  | -20000.00 | -3.508772 | 20 | PASS |
| 11AC20SISO | Ant2 | 5700 | NV | 20  | -40000.00 | -7.017544 | 20 | PASS |
| 11AC20SISO | Ant2 | 5700 | NV | 30  | -20000.00 | -3.508772 | 20 | PASS |
| 11AC20SISO | Ant2 | 5700 | NV | 40  | -20000.00 | -3.508772 | 20 | PASS |
| 11AC20SISO | Ant2 | 5700 | NV | 50  | -20000.00 | -3.508772 | 20 | PASS |
| 11AC20SISO | Ant1 | 5700 | NV | -30 | -20000.00 | -3.508772 | 20 | PASS |
| 11AC20SISO | Ant1 | 5700 | NV | -20 | -20000.00 | -3.508772 | 20 | PASS |
| 11AC20SISO | Ant1 | 5700 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5700 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5700 | NV | 10  | -40000.00 | -7.017544 | 20 | PASS |
| 11AC20SISO | Ant1 | 5700 | NV | 20  | -20000.00 | -3.508772 | 20 | PASS |
| 11AC20SISO | Ant1 | 5700 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5700 | NV | 40  | -20000.00 | -3.508772 | 20 | PASS |
| 11AC20SISO | Ant1 | 5700 | NV | 50  | -20000.00 | -3.508772 | 20 | PASS |
| 11AC20SISO | Ant2 | 5745 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5745 | NV | -20 | 40000.00  | 6.962576  | 20 | PASS |
| 11AC20SISO | Ant2 | 5745 | NV | -10 | 20000.00  | 3.481288  | 20 | PASS |
| 11AC20SISO | Ant2 | 5745 | NV | 0   | -20000.00 | -3.481288 | 20 | PASS |
| 11AC20SISO | Ant2 | 5745 | NV | 10  | -40000.00 | -6.962576 | 20 | PASS |
| 11AC20SISO | Ant2 | 5745 | NV | 20  | -40000.00 | -6.962576 | 20 | PASS |
| 11AC20SISO | Ant2 | 5745 | NV | 30  | -20000.00 | -3.481288 | 20 | PASS |
| 11AC20SISO | Ant2 | 5745 | NV | 40  | -20000.00 | -3.481288 | 20 | PASS |
| 11AC20SISO | Ant2 | 5745 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | -20 | -20000.00 | -3.481288 | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | -10 | 20000.00  | 3.481288  | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | 0   | -20000.00 | -3.481288 | 20 | PASS |

|            |      |      |    |     |           |           |    |      |
|------------|------|------|----|-----|-----------|-----------|----|------|
| 11AC20SISO | Ant1 | 5745 | NV | 10  | 20000.00  | 3.481288  | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | 40  | -20000.00 | -3.481288 | 20 | PASS |
| 11AC20SISO | Ant1 | 5745 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5785 | NV | -30 | -20000.00 | -3.457217 | 20 | PASS |
| 11AC20SISO | Ant2 | 5785 | NV | -20 | -20000.00 | -3.457217 | 20 | PASS |
| 11AC20SISO | Ant2 | 5785 | NV | -10 | -20000.00 | -3.457217 | 20 | PASS |
| 11AC20SISO | Ant2 | 5785 | NV | 0   | 20000.00  | 3.457217  | 20 | PASS |
| 11AC20SISO | Ant2 | 5785 | NV | 10  | -20000.00 | -3.457217 | 20 | PASS |
| 11AC20SISO | Ant2 | 5785 | NV | 20  | -20000.00 | -3.457217 | 20 | PASS |
| 11AC20SISO | Ant2 | 5785 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5785 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5785 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | -30 | -40000.00 | -6.914434 | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | -20 | -20000.00 | -3.457217 | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | -10 | -20000.00 | -3.457217 | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | 0   | -20000.00 | -3.457217 | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | 10  | -20000.00 | -3.457217 | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5785 | NV | 50  | -20000.00 | -3.457217 | 20 | PASS |
| 11AC20SISO | Ant2 | 5825 | NV | -30 | -20000.00 | -3.433476 | 20 | PASS |
| 11AC20SISO | Ant2 | 5825 | NV | -20 | -20000.00 | -3.433476 | 20 | PASS |
| 11AC20SISO | Ant2 | 5825 | NV | -10 | -40000.00 | -6.866953 | 20 | PASS |
| 11AC20SISO | Ant2 | 5825 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5825 | NV | 10  | -20000.00 | -3.433476 | 20 | PASS |
| 11AC20SISO | Ant2 | 5825 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5825 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5825 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant2 | 5825 | NV | 50  | 20000.00  | 3.433476  | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | -30 | -20000.00 | -3.433476 | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | -10 | -20000.00 | -3.433476 | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | 0   | -20000.00 | -3.433476 | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | 10  | -20000.00 | -3.433476 | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | 30  | 20000.00  | 3.433476  | 20 | PASS |

|            |      |      |    |     |           |            |    |      |
|------------|------|------|----|-----|-----------|------------|----|------|
| 11AC20SISO | Ant1 | 5825 | NV | 40  | -20000.00 | -3.433476  | 20 | PASS |
| 11AC20SISO | Ant1 | 5825 | NV | 50  | -20000.00 | -3.433476  | 20 | PASS |
| 11AC40SISO | Ant2 | 5190 | NV | -30 | 40000.00  | 7.707129   | 20 | PASS |
| 11AC40SISO | Ant2 | 5190 | NV | -20 | -40000.00 | -7.707129  | 20 | PASS |
| 11AC40SISO | Ant2 | 5190 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant2 | 5190 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant2 | 5190 | NV | 10  | 40000.00  | 7.707129   | 20 | PASS |
| 11AC40SISO | Ant2 | 5190 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant2 | 5190 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant2 | 5190 | NV | 40  | 40000.00  | 7.707129   | 20 | PASS |
| 11AC40SISO | Ant2 | 5190 | NV | 50  | -40000.00 | -7.707129  | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | -20 | -40000.00 | -7.707129  | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5190 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant2 | 5230 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant2 | 5230 | NV | -20 | 40000.00  | 7.648184   | 20 | PASS |
| 11AC40SISO | Ant2 | 5230 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant2 | 5230 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant2 | 5230 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant2 | 5230 | NV | 20  | 40000.00  | 7.648184   | 20 | PASS |
| 11AC40SISO | Ant2 | 5230 | NV | 30  | 40000.00  | 7.648184   | 20 | PASS |
| 11AC40SISO | Ant2 | 5230 | NV | 40  | -40000.00 | -7.648184  | 20 | PASS |
| 11AC40SISO | Ant2 | 5230 | NV | 50  | -40000.00 | -7.648184  | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | -10 | 40000.00  | 7.648184   | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | 10  | -80000.00 | -15.296367 | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | 30  | 40000.00  | 7.648184   | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5230 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant2 | 5270 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |

|            |      |      |    |     |           |           |    |      |
|------------|------|------|----|-----|-----------|-----------|----|------|
| 11AC40SISO | Ant2 | 5270 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5270 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5270 | NV | 0   | 80000.00  | 15.180266 | 20 | PASS |
| 11AC40SISO | Ant2 | 5270 | NV | 10  | -40000.00 | -7.590133 | 20 | PASS |
| 11AC40SISO | Ant2 | 5270 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5270 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5270 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5270 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5270 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5270 | NV | -20 | -40000.00 | -7.590133 | 20 | PASS |
| 11AC40SISO | Ant1 | 5270 | NV | -10 | 40000.00  | 7.590133  | 20 | PASS |
| 11AC40SISO | Ant1 | 5270 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5270 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5270 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5270 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5270 | NV | 40  | -40000.00 | -7.590133 | 20 | PASS |
| 11AC40SISO | Ant1 | 5270 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5310 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5310 | NV | -20 | 40000.00  | 7.532957  | 20 | PASS |
| 11AC40SISO | Ant2 | 5310 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5310 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5310 | NV | 10  | -40000.00 | -7.532957 | 20 | PASS |
| 11AC40SISO | Ant2 | 5310 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5310 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5310 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5310 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5310 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5310 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5310 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5310 | NV | 0   | -40000.00 | -7.532957 | 20 | PASS |
| 11AC40SISO | Ant1 | 5310 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5310 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5310 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5310 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5310 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5510 | NV | -30 | -40000.00 | -7.259528 | 20 | PASS |
| 11AC40SISO | Ant2 | 5510 | NV | -20 | -40000.00 | -7.259528 | 20 | PASS |
| 11AC40SISO | Ant2 | 5510 | NV | -10 | -40000.00 | -7.259528 | 20 | PASS |
| 11AC40SISO | Ant2 | 5510 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |

|            |      |      |    |     |           |           |    |      |
|------------|------|------|----|-----|-----------|-----------|----|------|
| 11AC40SISO | Ant2 | 5510 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5510 | NV | 20  | -40000.00 | -7.259528 | 20 | PASS |
| 11AC40SISO | Ant2 | 5510 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5510 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5510 | NV | 50  | 0.00      | 0.000000  | 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 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5510 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5510 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5510 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5510 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5510 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5510 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5550 | NV | -30 | -40000.00 | -7.207207 | 20 | PASS |
| 11AC40SISO | Ant2 | 5550 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5550 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5550 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5550 | NV | 10  | 40000.00  | 7.207207  | 20 | PASS |
| 11AC40SISO | Ant2 | 5550 | NV | 20  | -40000.00 | -7.207207 | 20 | PASS |
| 11AC40SISO | Ant2 | 5550 | NV | 30  | -40000.00 | -7.207207 | 20 | PASS |
| 11AC40SISO | Ant2 | 5550 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5550 | NV | 50  | -40000.00 | -7.207207 | 20 | PASS |
| 11AC40SISO | Ant1 | 5550 | NV | -30 | 40000.00  | 7.207207  | 20 | PASS |
| 11AC40SISO | Ant1 | 5550 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5550 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5550 | NV | 0   | -40000.00 | -7.207207 | 20 | PASS |
| 11AC40SISO | Ant1 | 5550 | NV | 10  | -40000.00 | -7.207207 | 20 | PASS |
| 11AC40SISO | Ant1 | 5550 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5550 | NV | 30  | -40000.00 | -7.207207 | 20 | PASS |
| 11AC40SISO | Ant1 | 5550 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5550 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5670 | NV | -30 | -40000.00 | -7.054674 | 20 | PASS |
| 11AC40SISO | Ant2 | 5670 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5670 | NV | -10 | -40000.00 | -7.054674 | 20 | PASS |
| 11AC40SISO | Ant2 | 5670 | NV | 0   | -40000.00 | -7.054674 | 20 | PASS |
| 11AC40SISO | Ant2 | 5670 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5670 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5670 | NV | 30  | -40000.00 | -7.054674 | 20 | PASS |

|            |      |      |    |     |           |           |    |      |
|------------|------|------|----|-----|-----------|-----------|----|------|
| 11AC40SISO | Ant2 | 5670 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5670 | NV | 50  | 40000.00  | 7.054674  | 20 | PASS |
| 11AC40SISO | Ant1 | 5670 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5670 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5670 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5670 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5670 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5670 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5670 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5670 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5670 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5755 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5755 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5755 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5755 | NV | 0   | -40000.00 | -6.950478 | 20 | PASS |
| 11AC40SISO | Ant2 | 5755 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5755 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5755 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5755 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5755 | NV | 50  | 40000.00  | 6.950478  | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | -20 | -40000.00 | -6.950478 | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | 40  | -40000.00 | -6.950478 | 20 | PASS |
| 11AC40SISO | Ant1 | 5755 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5795 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5795 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5795 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5795 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5795 | NV | 10  | -40000.00 | -6.902502 | 20 | PASS |
| 11AC40SISO | Ant2 | 5795 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5795 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5795 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant2 | 5795 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |

|            |      |      |    |     |           |            |    |      |
|------------|------|------|----|-----|-----------|------------|----|------|
| 11AC40SISO | Ant1 | 5795 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | 30  | -40000.00 | -6.902502  | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AC40SISO | Ant1 | 5795 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5210 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5210 | NV | -20 | -80000.00 | -15.355086 | 20 | PASS |
| 11AC80SISO | Ant2 | 5210 | NV | -10 | -80000.00 | -15.355086 | 20 | PASS |
| 11AC80SISO | Ant2 | 5210 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5210 | NV | 10  | -80000.00 | -15.355086 | 20 | PASS |
| 11AC80SISO | Ant2 | 5210 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5210 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5210 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5210 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5210 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5210 | NV | -20 | 80000.00  | 15.355086  | 20 | PASS |
| 11AC80SISO | Ant1 | 5210 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5210 | NV | 0   | -80000.00 | -15.355086 | 20 | PASS |
| 11AC80SISO | Ant1 | 5210 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5210 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5210 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5210 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5210 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5290 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5290 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5290 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5290 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5290 | NV | 10  | 80000.00  | 15.122873  | 20 | PASS |
| 11AC80SISO | Ant2 | 5290 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5290 | NV | 30  | 80000.00  | 15.122873  | 20 | PASS |
| 11AC80SISO | Ant2 | 5290 | NV | 40  | 80000.00  | 15.122873  | 20 | PASS |
| 11AC80SISO | Ant2 | 5290 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5290 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5290 | NV | -20 | 80000.00  | 15.122873  | 20 | PASS |
| 11AC80SISO | Ant1 | 5290 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5290 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |

|            |      |      |    |     |           |            |    |      |
|------------|------|------|----|-----|-----------|------------|----|------|
| 11AC80SISO | Ant1 | 5290 | NV | 10  | -80000.00 | -15.122873 | 20 | PASS |
| 11AC80SISO | Ant1 | 5290 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5290 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5290 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5290 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5530 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5530 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5530 | NV | -10 | -80000.00 | -14.466546 | 20 | PASS |
| 11AC80SISO | Ant2 | 5530 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5530 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5530 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5530 | NV | 30  | -80000.00 | -14.466546 | 20 | PASS |
| 11AC80SISO | Ant2 | 5530 | NV | 40  | 80000.00  | 14.466546  | 20 | PASS |
| 11AC80SISO | Ant2 | 5530 | NV | 50  | -80000.00 | -14.466546 | 20 | PASS |
| 11AC80SISO | Ant1 | 5530 | NV | -30 | -80000.00 | -14.466546 | 20 | PASS |
| 11AC80SISO | Ant1 | 5530 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5530 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5530 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5530 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5530 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5530 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5530 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5530 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5610 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5610 | NV | -20 | -80000.00 | -14.260250 | 20 | PASS |
| 11AC80SISO | Ant2 | 5610 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5610 | NV | 0   | -80000.00 | -14.260250 | 20 | PASS |
| 11AC80SISO | Ant2 | 5610 | NV | 10  | -80000.00 | -14.260250 | 20 | PASS |
| 11AC80SISO | Ant2 | 5610 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5610 | NV | 30  | -80000.00 | -14.260250 | 20 | PASS |
| 11AC80SISO | Ant2 | 5610 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5610 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5610 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5610 | NV | -20 | 80000.00  | 14.260250  | 20 | PASS |
| 11AC80SISO | Ant1 | 5610 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5610 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5610 | NV | 10  | -80000.00 | -14.260250 | 20 | PASS |
| 11AC80SISO | Ant1 | 5610 | NV | 20  | -80000.00 | -14.260250 | 20 | PASS |
| 11AC80SISO | Ant1 | 5610 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |

|            |      |      |    |     |           |            |    |      |
|------------|------|------|----|-----|-----------|------------|----|------|
| 11AC80SISO | Ant1 | 5610 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5610 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5775 | NV | -30 | -80000.00 | -13.852814 | 20 | PASS |
| 11AC80SISO | Ant2 | 5775 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5775 | NV | -10 | -80000.00 | -13.852814 | 20 | PASS |
| 11AC80SISO | Ant2 | 5775 | NV | 0   | -80000.00 | -13.852814 | 20 | PASS |
| 11AC80SISO | Ant2 | 5775 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5775 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5775 | NV | 30  | -80000.00 | -14.260250 | 20 | PASS |
| 11AC80SISO | Ant2 | 5775 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant2 | 5775 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5775 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5775 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5775 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5775 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5775 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5775 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5775 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5775 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AC80SISO | Ant1 | 5775 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5180 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5180 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5180 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5180 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5180 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5180 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5180 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5180 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5180 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | -30 | -20000.00 | -3.861004  | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | -10 | -20000.00 | -3.861004  | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | 40  | -20000.00 | -3.861004  | 20 | PASS |
| 11AX20SISO | Ant1 | 5180 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5200 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |

|            |      |      |    |     |           |            |    |      |
|------------|------|------|----|-----|-----------|------------|----|------|
| 11AX20SISO | Ant2 | 5200 | NV | -20 | 20000.00  | 3.846154   | 20 | PASS |
| 11AX20SISO | Ant2 | 5200 | NV | -10 | 20000.00  | 3.846154   | 20 | PASS |
| 11AX20SISO | Ant2 | 5200 | NV | 0   | -20000.00 | -3.846154  | 20 | PASS |
| 11AX20SISO | Ant2 | 5200 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5200 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5200 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5200 | NV | 40  | -20000.00 | -3.846154  | 20 | PASS |
| 11AX20SISO | Ant2 | 5200 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5200 | NV | -30 | 20000.00  | 3.846154   | 20 | PASS |
| 11AX20SISO | Ant1 | 5200 | NV | -20 | 20000.00  | 3.846154   | 20 | PASS |
| 11AX20SISO | Ant1 | 5200 | NV | -10 | 20000.00  | 3.846154   | 20 | PASS |
| 11AX20SISO | Ant1 | 5200 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5200 | NV | 10  | -20000.00 | -3.846154  | 20 | PASS |
| 11AX20SISO | Ant1 | 5200 | NV | 20  | 20000.00  | 3.846154   | 20 | PASS |
| 11AX20SISO | Ant1 | 5200 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5200 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5200 | NV | 50  | -20000.00 | -3.846154  | 20 | PASS |
| 11AX20SISO | Ant2 | 5240 | NV | -30 | -60000.00 | -11.450382 | 20 | PASS |
| 11AX20SISO | Ant2 | 5240 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5240 | NV | -10 | -20000.00 | -3.816794  | 20 | PASS |
| 11AX20SISO | Ant2 | 5240 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5240 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5240 | NV | 20  | 40000.00  | 7.633588   | 20 | PASS |
| 11AX20SISO | Ant2 | 5240 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5240 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5240 | NV | 50  | -20000.00 | -3.816794  | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | 0   | 20000.00  | 3.816794   | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | 10  | -20000.00 | -3.816794  | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | 20  | 20000.00  | 3.816794   | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | 30  | -20000.00 | -3.816794  | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5240 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5260 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant2 | 5260 | NV | -20 | -20000.00 | -3.802281  | 20 | PASS |
| 11AX20SISO | Ant2 | 5260 | NV | -10 | 20000.00  | 3.802281   | 20 | PASS |
| 11AX20SISO | Ant2 | 5260 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |

|            |      |      |    |     |           |           |    |      |
|------------|------|------|----|-----|-----------|-----------|----|------|
| 11AX20SISO | Ant2 | 5260 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5260 | NV | 20  | -20000.00 | -3.802281 | 20 | PASS |
| 11AX20SISO | Ant2 | 5260 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5260 | NV | 40  | -40000.00 | -7.604563 | 20 | PASS |
| 11AX20SISO | Ant2 | 5260 | NV | 50  | -20000.00 | -3.802281 | 20 | PASS |
| 11AX20SISO | Ant1 | 5260 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5260 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5260 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5260 | NV | 0   | -20000.00 | -3.802281 | 20 | PASS |
| 11AX20SISO | Ant1 | 5260 | NV | 10  | -20000.00 | -3.802281 | 20 | PASS |
| 11AX20SISO | Ant1 | 5260 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5260 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5260 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5260 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5300 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5300 | NV | -20 | -20000.00 | -3.773585 | 20 | PASS |
| 11AX20SISO | Ant2 | 5300 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5300 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5300 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5300 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5300 | NV | 30  | -40000.00 | -7.547170 | 20 | PASS |
| 11AX20SISO | Ant2 | 5300 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5300 | NV | 50  | 20000.00  | 3.773585  | 20 | PASS |
| 11AX20SISO | Ant1 | 5300 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5300 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5300 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5300 | NV | 0   | -20000.00 | -3.773585 | 20 | PASS |
| 11AX20SISO | Ant1 | 5300 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5300 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5300 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5300 | NV | 40  | 20000.00  | 3.773585  | 20 | PASS |
| 11AX20SISO | Ant1 | 5300 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5320 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5320 | NV | -20 | 20000.00  | 3.759398  | 20 | PASS |
| 11AX20SISO | Ant2 | 5320 | NV | -10 | -20000.00 | -3.759398 | 20 | PASS |
| 11AX20SISO | Ant2 | 5320 | NV | 0   | -20000.00 | -3.759398 | 20 | PASS |
| 11AX20SISO | Ant2 | 5320 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5320 | NV | 20  | 20000.00  | 3.759398  | 20 | PASS |
| 11AX20SISO | Ant2 | 5320 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |

|            |      |      |    |     |           |           |    |      |
|------------|------|------|----|-----|-----------|-----------|----|------|
| 11AX20SISO | Ant2 | 5320 | NV | 40  | -40000.00 | -7.518797 | 20 | PASS |
| 11AX20SISO | Ant2 | 5320 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5320 | NV | -30 | 40000.00  | 7.518797  | 20 | PASS |
| 11AX20SISO | Ant1 | 5320 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5320 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5320 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5320 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5320 | NV | 20  | 20000.00  | 3.759398  | 20 | PASS |
| 11AX20SISO | Ant1 | 5320 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5320 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5320 | NV | 50  | -20000.00 | -3.759398 | 20 | PASS |
| 11AX20SISO | Ant2 | 5500 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5500 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5500 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5500 | NV | 0   | -20000.00 | -3.636364 | 20 | PASS |
| 11AX20SISO | Ant2 | 5500 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5500 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5500 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5500 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5500 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5500 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5500 | NV | -20 | -20000.00 | -3.636364 | 20 | PASS |
| 11AX20SISO | Ant1 | 5500 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5500 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5500 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5500 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5500 | NV | 30  | -20000.00 | -3.636364 | 20 | PASS |
| 11AX20SISO | Ant1 | 5500 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5500 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5580 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5580 | NV | -20 | -20000.00 | -3.584229 | 20 | PASS |
| 11AX20SISO | Ant2 | 5580 | NV | -10 | -20000.00 | -3.584229 | 20 | PASS |
| 11AX20SISO | Ant2 | 5580 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5580 | NV | 10  | -20000.00 | -3.584229 | 20 | PASS |
| 11AX20SISO | Ant2 | 5580 | NV | 20  | 40000.00  | 7.168459  | 20 | PASS |
| 11AX20SISO | Ant2 | 5580 | NV | 30  | -40000.00 | -7.168459 | 20 | PASS |
| 11AX20SISO | Ant2 | 5580 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5580 | NV | 50  | -20000.00 | -3.584229 | 20 | PASS |
| 11AX20SISO | Ant1 | 5580 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |

|            |      |      |    |     |           |           |    |      |
|------------|------|------|----|-----|-----------|-----------|----|------|
| 11AX20SISO | Ant1 | 5580 | NV | -20 | 20000.00  | 3.584229  | 20 | PASS |
| 11AX20SISO | Ant1 | 5580 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5580 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5580 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5580 | NV | 20  | -20000.00 | -3.584229 | 20 | PASS |
| 11AX20SISO | Ant1 | 5580 | NV | 30  | -20000.00 | -3.584229 | 20 | PASS |
| 11AX20SISO | Ant1 | 5580 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5580 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5700 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5700 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5700 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5700 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5700 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5700 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5700 | NV | 30  | 20000.00  | 3.508772  | 20 | PASS |
| 11AX20SISO | Ant2 | 5700 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5700 | NV | 50  | -20000.00 | -3.508772 | 20 | PASS |
| 11AX20SISO | Ant1 | 5700 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5700 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5700 | NV | -10 | 60000.00  | 10.526316 | 20 | PASS |
| 11AX20SISO | Ant1 | 5700 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5700 | NV | 10  | 20000.00  | 3.508772  | 20 | PASS |
| 11AX20SISO | Ant1 | 5700 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5700 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5700 | NV | 40  | 40000.00  | 7.017544  | 20 | PASS |
| 11AX20SISO | Ant1 | 5700 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5745 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5745 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5745 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5745 | NV | 0   | -20000.00 | -3.481288 | 20 | PASS |
| 11AX20SISO | Ant2 | 5745 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5745 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5745 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5745 | NV | 40  | 20000.00  | 3.481288  | 20 | PASS |
| 11AX20SISO | Ant2 | 5745 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | -20 | -20000.00 | -3.481288 | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |

|            |      |      |    |     |           |           |    |      |
|------------|------|------|----|-----|-----------|-----------|----|------|
| 11AX20SISO | Ant1 | 5745 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | 20  | 20000.00  | 3.481288  | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | 30  | -20000.00 | -3.481288 | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5745 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5785 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5785 | NV | -20 | -20000.00 | -3.457217 | 20 | PASS |
| 11AX20SISO | Ant2 | 5785 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5785 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5785 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5785 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5785 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5785 | NV | 40  | -20000.00 | -3.457217 | 20 | PASS |
| 11AX20SISO | Ant2 | 5785 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | -30 | -20000.00 | -3.457217 | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | -10 | -20000.00 | -3.457217 | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | 20  | -20000.00 | -3.457217 | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5785 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5825 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5825 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5825 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5825 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5825 | NV | 10  | 20000.00  | 3.433476  | 20 | PASS |
| 11AX20SISO | Ant2 | 5825 | NV | 20  | 20000.00  | 3.433476  | 20 | PASS |
| 11AX20SISO | Ant2 | 5825 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5825 | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant2 | 5825 | NV | 50  | -40000.00 | -6.866953 | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | 30  | 0.00      | 0.000000  | 20 | PASS |

|            |      |      |    |     |           |            |    |      |
|------------|------|------|----|-----|-----------|------------|----|------|
| 11AX20SISO | Ant1 | 5825 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AX20SISO | Ant1 | 5825 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5190 | NV | -30 | -40000.00 | -7.707129  | 20 | PASS |
| 11AX40SISO | Ant2 | 5190 | NV | -20 | 80000.00  | 15.414258  | 20 | PASS |
| 11AX40SISO | Ant2 | 5190 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5190 | NV | 0   | 40000.00  | 7.707129   | 20 | PASS |
| 11AX40SISO | Ant2 | 5190 | NV | 10  | 40000.00  | 7.707129   | 20 | PASS |
| 11AX40SISO | Ant2 | 5190 | NV | 20  | -40000.00 | -7.707129  | 20 | PASS |
| 11AX40SISO | Ant2 | 5190 | NV | 30  | -40000.00 | -7.707129  | 20 | PASS |
| 11AX40SISO | Ant2 | 5190 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5190 | NV | 50  | -80000.00 | -15.414258 | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | -30 | 40000.00  | 7.707129   | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | -10 | -40000.00 | -7.707129  | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | 30  | -40000.00 | -7.707129  | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5190 | NV | 50  | -40000.00 | -7.707129  | 20 | PASS |
| 11AX40SISO | Ant2 | 5230 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5230 | NV | -20 | -40000.00 | -7.648184  | 20 | PASS |
| 11AX40SISO | Ant2 | 5230 | NV | -10 | -40000.00 | -7.648184  | 20 | PASS |
| 11AX40SISO | Ant2 | 5230 | NV | 0   | -40000.00 | -7.648184  | 20 | PASS |
| 11AX40SISO | Ant2 | 5230 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5230 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5230 | NV | 30  | -40000.00 | -7.648184  | 20 | PASS |
| 11AX40SISO | Ant2 | 5230 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5230 | NV | 50  | -40000.00 | -7.648184  | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | -10 | -40000.00 | -7.648184  | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | 20  | 40000.00  | 7.648184   | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | 30  | -40000.00 | -7.648184  | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5230 | NV | 50  | -40000.00 | -7.648184  | 20 | PASS |
| 11AX40SISO | Ant2 | 5270 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |

|            |      |      |    |     |           |            |    |      |
|------------|------|------|----|-----|-----------|------------|----|------|
| 11AX40SISO | Ant2 | 5270 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5270 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5270 | NV | 0   | -40000.00 | -7.590133  | 20 | PASS |
| 11AX40SISO | Ant2 | 5270 | NV | 10  | -40000.00 | -7.590133  | 20 | PASS |
| 11AX40SISO | Ant2 | 5270 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5270 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5270 | NV | 40  | 80000.00  | 15.180266  | 20 | PASS |
| 11AX40SISO | Ant2 | 5270 | NV | 50  | 80000.00  | 15.180266  | 20 | PASS |
| 11AX40SISO | Ant1 | 5270 | NV | -30 | -40000.00 | -7.590133  | 20 | PASS |
| 11AX40SISO | Ant1 | 5270 | NV | -20 | 40000.00  | 7.590133   | 20 | PASS |
| 11AX40SISO | Ant1 | 5270 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5270 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5270 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5270 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5270 | NV | 30  | -40000.00 | -7.590133  | 20 | PASS |
| 11AX40SISO | Ant1 | 5270 | NV | 40  | -80000.00 | -15.180266 | 20 | PASS |
| 11AX40SISO | Ant1 | 5270 | NV | 50  | 40000.00  | 7.590133   | 20 | PASS |
| 11AX40SISO | Ant2 | 5310 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5310 | NV | -20 | -80000.00 | -15.065913 | 20 | PASS |
| 11AX40SISO | Ant2 | 5310 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5310 | NV | 0   | -40000.00 | -7.532957  | 20 | PASS |
| 11AX40SISO | Ant2 | 5310 | NV | 10  | -80000.00 | -15.065913 | 20 | PASS |
| 11AX40SISO | Ant2 | 5310 | NV | 20  | 40000.00  | 7.532957   | 20 | PASS |
| 11AX40SISO | Ant2 | 5310 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5310 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5310 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5310 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5310 | NV | -20 | 40000.00  | 7.532957   | 20 | PASS |
| 11AX40SISO | Ant1 | 5310 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5310 | NV | 0   | -40000.00 | -7.532957  | 20 | PASS |
| 11AX40SISO | Ant1 | 5310 | NV | 10  | -40000.00 | -7.532957  | 20 | PASS |
| 11AX40SISO | Ant1 | 5310 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5310 | NV | 30  | 40000.00  | 7.532957   | 20 | PASS |
| 11AX40SISO | Ant1 | 5310 | NV | 40  | 40000.00  | 7.532957   | 20 | PASS |
| 11AX40SISO | Ant1 | 5310 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5510 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5510 | NV | -20 | -80000.00 | -14.519056 | 20 | PASS |
| 11AX40SISO | Ant2 | 5510 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5510 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |

|            |      |      |    |     |           |            |    |      |
|------------|------|------|----|-----|-----------|------------|----|------|
| 11AX40SISO | Ant2 | 5510 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5510 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5510 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5510 | NV | 40  | -80000.00 | -14.519056 | 20 | PASS |
| 11AX40SISO | Ant2 | 5510 | NV | 50  | 40000.00  | 7.259528   | 20 | PASS |
| 11AX40SISO | Ant1 | 5510 | NV | -30 | 40000.00  | 7.259528   | 20 | PASS |
| 11AX40SISO | Ant1 | 5510 | NV | -20 | -40000.00 | -7.259528  | 20 | PASS |
| 11AX40SISO | Ant1 | 5510 | NV | -10 | -40000.00 | -7.259528  | 20 | PASS |
| 11AX40SISO | Ant1 | 5510 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5510 | NV | 10  | 40000.00  | 7.259528   | 20 | PASS |
| 11AX40SISO | Ant1 | 5510 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5510 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5510 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5510 | NV | 50  | -80000.00 | -14.519056 | 20 | PASS |
| 11AX40SISO | Ant2 | 5550 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5550 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5550 | NV | -10 | 40000.00  | 7.207207   | 20 | PASS |
| 11AX40SISO | Ant2 | 5550 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5550 | NV | 10  | -40000.00 | -7.207207  | 20 | PASS |
| 11AX40SISO | Ant2 | 5550 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5550 | NV | 30  | -40000.00 | -7.207207  | 20 | PASS |
| 11AX40SISO | Ant2 | 5550 | NV | 40  | 40000.00  | 7.207207   | 20 | PASS |
| 11AX40SISO | Ant2 | 5550 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5550 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5550 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5550 | NV | -10 | -40000.00 | -7.207207  | 20 | PASS |
| 11AX40SISO | Ant1 | 5550 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5550 | NV | 10  | -40000.00 | -7.207207  | 20 | PASS |
| 11AX40SISO | Ant1 | 5550 | NV | 20  | -40000.00 | -7.207207  | 20 | PASS |
| 11AX40SISO | Ant1 | 5550 | NV | 30  | -40000.00 | -7.207207  | 20 | PASS |
| 11AX40SISO | Ant1 | 5550 | NV | 40  | -40000.00 | -7.207207  | 20 | PASS |
| 11AX40SISO | Ant1 | 5550 | NV | 50  | -40000.00 | -7.207207  | 20 | PASS |
| 11AX40SISO | Ant2 | 5670 | NV | -30 | -40000.00 | -7.054674  | 20 | PASS |
| 11AX40SISO | Ant2 | 5670 | NV | -20 | 40000.00  | 7.054674   | 20 | PASS |
| 11AX40SISO | Ant2 | 5670 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5670 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5670 | NV | 10  | 40000.00  | 7.054674   | 20 | PASS |
| 11AX40SISO | Ant2 | 5670 | NV | 20  | -40000.00 | -7.054674  | 20 | PASS |
| 11AX40SISO | Ant2 | 5670 | NV | 30  | -40000.00 | -7.054674  | 20 | PASS |

|            |      |      |    |     |           |            |    |      |
|------------|------|------|----|-----|-----------|------------|----|------|
| 11AX40SISO | Ant2 | 5670 | NV | 40  | -40000.00 | -7.054674  | 20 | PASS |
| 11AX40SISO | Ant2 | 5670 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5670 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5670 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5670 | NV | -10 | -40000.00 | -7.054674  | 20 | PASS |
| 11AX40SISO | Ant1 | 5670 | NV | 0   | 80000.00  | 14.109347  | 20 | PASS |
| 11AX40SISO | Ant1 | 5670 | NV | 10  | -40000.00 | -7.054674  | 20 | PASS |
| 11AX40SISO | Ant1 | 5670 | NV | 20  | -80000.00 | -14.109347 | 20 | PASS |
| 11AX40SISO | Ant1 | 5670 | NV | 30  | 40000.00  | 7.054674   | 20 | PASS |
| 11AX40SISO | Ant1 | 5670 | NV | 40  | -80000.00 | -14.109347 | 20 | PASS |
| 11AX40SISO | Ant1 | 5670 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5755 | NV | -30 | -40000.00 | -6.950478  | 20 | PASS |
| 11AX40SISO | Ant2 | 5755 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5755 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5755 | NV | 0   | -80000.00 | -13.900956 | 20 | PASS |
| 11AX40SISO | Ant2 | 5755 | NV | 10  | -80000.00 | -13.900956 | 20 | PASS |
| 11AX40SISO | Ant2 | 5755 | NV | 20  | 40000.00  | 6.950478   | 20 | PASS |
| 11AX40SISO | Ant2 | 5755 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5755 | NV | 40  | 40000.00  | 6.950478   | 20 | PASS |
| 11AX40SISO | Ant2 | 5755 | NV | 50  | -40000.00 | -6.950478  | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | 10  | -40000.00 | -6.950478  | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5755 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5795 | NV | -30 | -40000.00 | -6.902502  | 20 | PASS |
| 11AX40SISO | Ant2 | 5795 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5795 | NV | -10 | -80000.00 | -13.805004 | 20 | PASS |
| 11AX40SISO | Ant2 | 5795 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5795 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant2 | 5795 | NV | 20  | -40000.00 | -6.902502  | 20 | PASS |
| 11AX40SISO | Ant2 | 5795 | NV | 30  | -40000.00 | -6.902502  | 20 | PASS |
| 11AX40SISO | Ant2 | 5795 | NV | 40  | 40000.00  | 6.902502   | 20 | PASS |
| 11AX40SISO | Ant2 | 5795 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |

|            |      |      |    |     |           |            |    |      |
|------------|------|------|----|-----|-----------|------------|----|------|
| 11AX40SISO | Ant1 | 5795 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | 0   | -40000.00 | -6.902502  | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | 20  | -40000.00 | -6.902502  | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AX40SISO | Ant1 | 5795 | NV | 50  | -40000.00 | -6.902502  | 20 | PASS |
| 11AX80SISO | Ant2 | 5210 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5210 | NV | -20 | 80000.00  | 15.355086  | 20 | PASS |
| 11AX80SISO | Ant2 | 5210 | NV | -10 | -80000.00 | -15.355086 | 20 | PASS |
| 11AX80SISO | Ant2 | 5210 | NV | 0   | -80000.00 | -15.355086 | 20 | PASS |
| 11AX80SISO | Ant2 | 5210 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5210 | NV | 20  | 80000.00  | 15.355086  | 20 | PASS |
| 11AX80SISO | Ant2 | 5210 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5210 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5210 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5210 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5210 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5210 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5210 | NV | 0   | -80000.00 | -15.355086 | 20 | PASS |
| 11AX80SISO | Ant1 | 5210 | NV | 10  | -80000.00 | -15.355086 | 20 | PASS |
| 11AX80SISO | Ant1 | 5210 | NV | 20  | -80000.00 | -15.355086 | 20 | PASS |
| 11AX80SISO | Ant1 | 5210 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5210 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5210 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5290 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5290 | NV | -20 | -80000.00 | -15.122873 | 20 | PASS |
| 11AX80SISO | Ant2 | 5290 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5290 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5290 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5290 | NV | 20  | 80000.00  | 15.122873  | 20 | PASS |
| 11AX80SISO | Ant2 | 5290 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5290 | NV | 40  | 80000.00  | 15.122873  | 20 | PASS |
| 11AX80SISO | Ant2 | 5290 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5290 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5290 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5290 | NV | -10 | 80000.00  | 15.122873  | 20 | PASS |
| 11AX80SISO | Ant1 | 5290 | NV | 0   | -80000.00 | -15.122873 | 20 | PASS |

|            |      |      |    |     |           |            |    |      |
|------------|------|------|----|-----|-----------|------------|----|------|
| 11AX80SISO | Ant1 | 5290 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5290 | NV | 20  | -80000.00 | -15.122873 | 20 | PASS |
| 11AX80SISO | Ant1 | 5290 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5290 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5290 | NV | 50  | 80000.00  | 15.122873  | 20 | PASS |
| 11AX80SISO | Ant2 | 5530 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5530 | NV | -20 | -80000.00 | -14.466546 | 20 | PASS |
| 11AX80SISO | Ant2 | 5530 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5530 | NV | 0   | 80000.00  | 14.466546  | 20 | PASS |
| 11AX80SISO | Ant2 | 5530 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5530 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5530 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5530 | NV | 40  | -80000.00 | -14.466546 | 20 | PASS |
| 11AX80SISO | Ant2 | 5530 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5530 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5530 | NV | -20 | -80000.00 | -14.466546 | 20 | PASS |
| 11AX80SISO | Ant1 | 5530 | NV | -10 | 80000.00  | 14.466546  | 20 | PASS |
| 11AX80SISO | Ant1 | 5530 | NV | 0   | -80000.00 | -14.466546 | 20 | PASS |
| 11AX80SISO | Ant1 | 5530 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5530 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5530 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5530 | NV | 40  | -80000.00 | -14.466546 | 20 | PASS |
| 11AX80SISO | Ant1 | 5530 | NV | 50  | -80000.00 | -14.466546 | 20 | PASS |
| 11AX80SISO | Ant2 | 5610 | NV | -30 | -80000.00 | -14.260250 | 20 | PASS |
| 11AX80SISO | Ant2 | 5610 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5610 | NV | -10 | 80000.00  | 14.260250  | 20 | PASS |
| 11AX80SISO | Ant2 | 5610 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5610 | NV | 10  | -80000.00 | -14.260250 | 20 | PASS |
| 11AX80SISO | Ant2 | 5610 | NV | 20  | 80000.00  | 14.260250  | 20 | PASS |
| 11AX80SISO | Ant2 | 5610 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5610 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5610 | NV | 50  | 80000.00  | 14.260250  | 20 | PASS |
| 11AX80SISO | Ant1 | 5610 | NV | -30 | 80000.00  | 14.260250  | 20 | PASS |
| 11AX80SISO | Ant1 | 5610 | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5610 | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5610 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5610 | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5610 | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5610 | NV | 30  | -80000.00 | -14.260250 | 20 | PASS |

|            |      |      |    |     |           |            |    |      |
|------------|------|------|----|-----|-----------|------------|----|------|
| 11AX80SISO | Ant1 | 5610 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5610 | NV | 50  | -80000.00 | -14.260250 | 20 | PASS |
| 11AX80SISO | Ant2 | 5775 | NV | -30 | -80000.00 | -13.852814 | 20 | PASS |
| 11AX80SISO | Ant2 | 5775 | NV | -20 | -80000.00 | -13.852814 | 20 | PASS |
| 11AX80SISO | Ant2 | 5775 | NV | -10 | -80000.00 | -13.852814 | 20 | PASS |
| 11AX80SISO | Ant2 | 5775 | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5775 | NV | 10  | 80000.00  | 13.852814  | 20 | PASS |
| 11AX80SISO | Ant2 | 5775 | NV | 20  | -80000.00 | -13.852814 | 20 | PASS |
| 11AX80SISO | Ant2 | 5775 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5775 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant2 | 5775 | NV | 50  | 80000.00  | 13.852814  | 20 | PASS |
| 11AX80SISO | Ant1 | 5775 | NV | -30 | -80000.00 | -13.852814 | 20 | PASS |
| 11AX80SISO | Ant1 | 5775 | NV | -20 | -80000.00 | -13.852814 | 20 | PASS |
| 11AX80SISO | Ant1 | 5775 | NV | -10 | -80000.00 | -13.852814 | 20 | PASS |
| 11AX80SISO | Ant1 | 5775 | NV | 0   | 80000.00  | 13.852814  | 20 | PASS |
| 11AX80SISO | Ant1 | 5775 | NV | 10  | 80000.00  | 13.852814  | 20 | PASS |
| 11AX80SISO | Ant1 | 5775 | NV | 20  | 80000.00  | 13.852814  | 20 | PASS |
| 11AX80SISO | Ant1 | 5775 | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
| 11AX80SISO | Ant1 | 5775 | NV | 40  | -80000.00 | -13.852814 | 20 | PASS |
| 11AX80SISO | Ant1 | 5775 | NV | 50  | -80000.00 | -13.852814 | 20 | PASS |

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