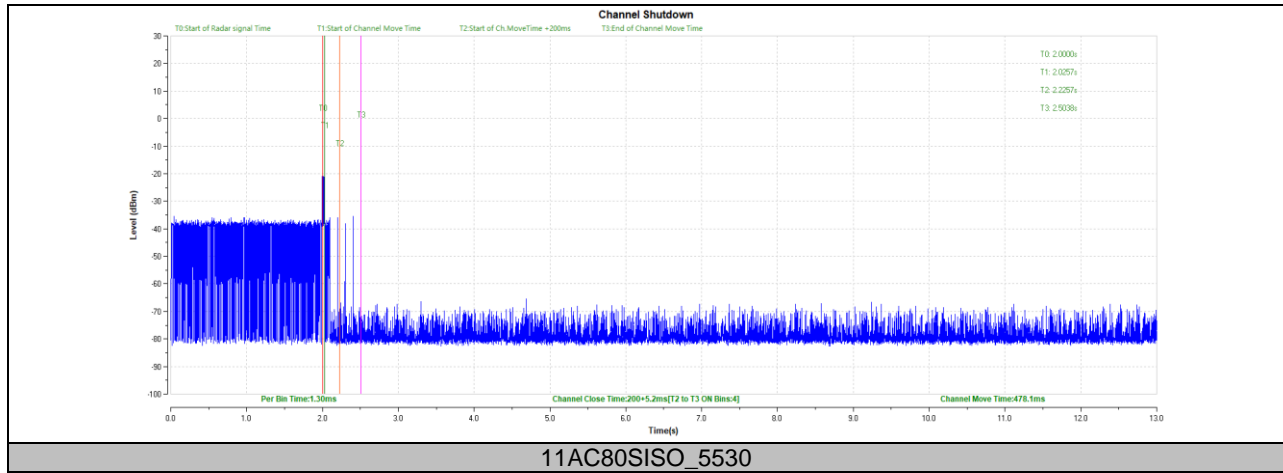


### 12.8.2. Test Graphs





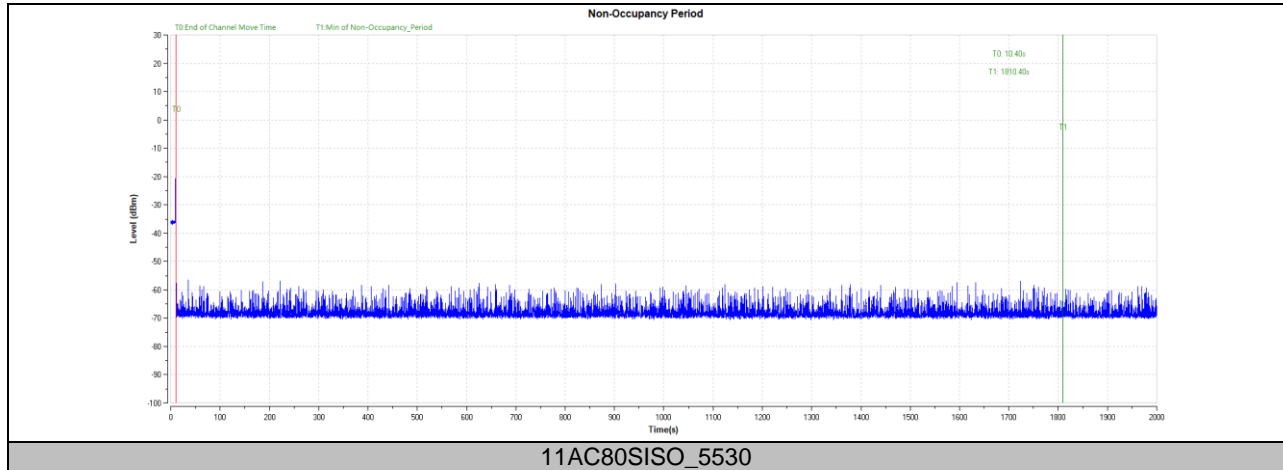
## 12.9. Appendix G: Non-Occupancy Period

### 12.9.1. Test Result

| Test Mode  | Channel | Result         | Limit[s] | Verdict |
|------------|---------|----------------|----------|---------|
| 11AC80SISO | 5530    | see test graph | ≥1800    | PASS    |



### 12.9.2. Test Graphs





**12.10. Appendix H: Frequency Stability**  
**Test Result**

| Frequency Error vs. Voltage     |       |                  |                 |                  |                 |                  |                 |                  |                 |
|---------------------------------|-------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|
| 802.11a 20: 5200MHz             |       |                  |                 |                  |                 |                  |                 |                  |                 |
| Temp.                           | Volt. | 0 Minute         |                 | 2 Minute         |                 | 5 Minute         |                 | 10 Minute        |                 |
|                                 |       | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) |
| TN                              | VL    | 5200.0220        | 4.23            | 5199.9907        | -1.78           | 5200.0006        | 0.11            | 5200.0033        | 0.64            |
| TN                              | VN    | 5199.9974        | -0.50           | 5200.0125        | 2.41            | 5200.0209        | 4.02            | 5199.9976        | -0.47           |
| TN                              | VH    | 5199.9801        | -3.82           | 5199.9994        | -0.11           | 5200.0243        | 4.68            | 5200.0128        | 2.45            |
| Frequency Error vs. Temperature |       |                  |                 |                  |                 |                  |                 |                  |                 |
| 802.11a 20: 5200MHz             |       |                  |                 |                  |                 |                  |                 |                  |                 |
| Temp.                           | Volt. | 0 Minute         |                 | 2 Minute         |                 | 5 Minute         |                 | 10 Minute        |                 |
|                                 |       | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) |
| 60                              | VN    | 5200.0199        | 3.82            | 5199.9939        | -1.18           | 5199.9990        | -0.19           | 5200.0084        | 1.62            |
| 40                              | VN    | 5199.9981        | -0.36           | 5200.0108        | 2.07            | 5199.9881        | -2.29           | 5200.0232        | 4.46            |
| 30                              | VN    | 5200.0026        | 0.49            | 5199.9898        | -1.96           | 5199.9883        | -2.26           | 5200.0033        | 0.63            |
| 20                              | VN    | 5200.0196        | 3.76            | 5199.9842        | -3.04           | 5199.9820        | -3.47           | 5200.0234        | 4.51            |
| 10                              | VN    | 5200.0085        | 1.63            | 5200.0086        | 1.66            | 5200.0049        | 0.95            | 5199.9789        | -4.06           |
| 0                               | VN    | 5199.9806        | -3.73           | 5200.0070        | 1.35            | 5199.9987        | -0.25           | 5200.0113        | 2.17            |



| Frequency Error vs. Voltage     |       |                  |                 |                  |                 |                  |                 |                  |                 |
|---------------------------------|-------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|
| 802.11a 20: 5825MHz             |       |                  |                 |                  |                 |                  |                 |                  |                 |
| Temp.                           | Volt. | 0 Minute         |                 | 2 Minute         |                 | 5 Minute         |                 | 10 Minute        |                 |
|                                 |       | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) |
| TN                              | VL    | 5825.0117        | 2.00            | 5825.0152        | 2.61            | 5825.0096        | 1.65            | 5825.0065        | 1.12            |
| TN                              | VN    | 5825.0178        | 3.06            | 5824.9828        | -2.95           | 5825.0119        | 2.05            | 5824.9809        | -3.29           |
| TN                              | VH    | 5824.9805        | -3.34           | 5824.9756        | -4.18           | 5825.0079        | 1.35            | 5824.9784        | -3.71           |
| Frequency Error vs. Temperature |       |                  |                 |                  |                 |                  |                 |                  |                 |
| 802.11a 20: 5825MHz             |       |                  |                 |                  |                 |                  |                 |                  |                 |
| Temp.                           | Volt. | 0 Minute         |                 | 2 Minute         |                 | 5 Minute         |                 | 10 Minute        |                 |
|                                 |       | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) |
| 60                              | VN    | 5824.9950        | -0.86           | 5824.9809        | -3.27           | 5825.0087        | 1.49            | 5825.0060        | 1.03            |
| 40                              | VN    | 5825.0195        | 3.34            | 5824.9778        | -3.82           | 5825.0182        | 3.12            | 5824.9782        | -3.74           |
| 30                              | VN    | 5825.0093        | 1.60            | 5824.9848        | -2.60           | 5824.9843        | -2.69           | 5824.9907        | -1.60           |
| 20                              | VN    | 5824.9769        | -3.96           | 5825.0065        | 1.11            | 5825.0027        | 0.47            | 5825.0240        | 4.12            |
| 10                              | VN    | 5825.0075        | 1.29            | 5825.0235        | 4.03            | 5824.9795        | -3.52           | 5824.9985        | -0.26           |
| 0                               | VN    | 5825.0161        | 2.77            | 5824.9967        | -0.57           | 5824.9898        | -1.76           | 5824.9798        | -3.47           |

Note: All antennas and test modes have been tested, only the worst data record in the report.

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**END OF REPORT**