



11.7. APPENDIX G: FREQUENCY STABILITY

| Frequency Error vs. Voltage | | | | | | | | | |
|---------------------------------|-------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|
| 802.11a:5180MHz | | | | | | | | | |
| 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 | 5180.0245 | 4.74 | 5180.0141 | 2.71 | 5180.0004 | 0.07 | 5180.0034 | 0.65 |
| TN | VN | 5180.0177 | 3.41 | 5179.9754 | -4.75 | 5180.0124 | 2.40 | 5180.0097 | 1.88 |
| TN | VH | 5179.9853 | -2.83 | 5180.0041 | 0.79 | 5180.0085 | 1.64 | 5180.0164 | 3.17 |
| Frequency Error vs. Temperature | | | | | | | | | |
| 802.11a:5180MHz | | | | | | | | | |
| 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) |
| 70 | VN | 5180.0103 | 2.00 | 5180.0050 | 0.97 | 5180.0201 | 3.88 | 5180.0243 | 4.68 |
| 60 | VN | 5179.9793 | -3.99 | 5179.9799 | -3.88 | 5179.9799 | -3.88 | 5180.0226 | 4.36 |
| 50 | VN | 5180.0013 | 0.25 | 5180.0191 | 3.68 | 5180.0072 | 1.39 | 5179.9760 | -4.63 |
| 40 | VN | 5179.9757 | -4.68 | 5180.0161 | 3.10 | 5180.0077 | 1.48 | 5179.9890 | -2.12 |
| 30 | VN | 5180.0020 | 0.38 | 5180.0231 | 4.46 | 5180.0066 | 1.27 | 5179.9769 | -4.46 |
| 20 | VN | 5179.9817 | -3.54 | 5179.9957 | -0.83 | 5180.0199 | 3.85 | 5180.0089 | 1.71 |
| 10 | VN | 5180.0045 | 0.86 | 5180.0060 | 1.16 | 5180.0096 | 1.84 | 5180.0224 | 4.32 |
| 0 | VN | 5179.9767 | -4.51 | 5180.0236 | 4.56 | 5180.0143 | 2.76 | 5179.9955 | -0.86 |

Note:

1. All antennas, test modes and test channels have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 7.5 TEST ENVIRONMENT.

| Frequency Error vs. Voltage | | | | | | | | | |
|-----------------------------|-------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|
| 802.11a: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 | 5825.0202 | 3.46 | 5825.0082 | 1.41 | 5825.0044 | 0.76 | 5825.0189 | 3.25 |
| TN | VN | 5825.0223 | 3.82 | 5825.0119 | 2.04 | 5824.9778 | -3.80 | 5825.0194 | 3.34 |
| TN | VH | 5825.0071 | 1.22 | 5825.0005 | 0.08 | 5825.0036 | 0.62 | 5825.0063 | 1.09 |

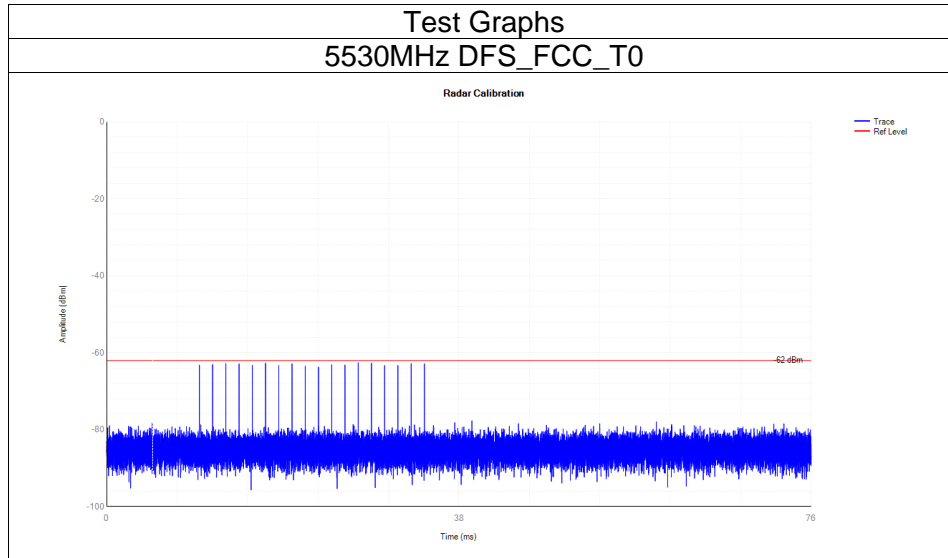
| Frequency Error vs. Temperature | | | | | | | | | |
|---------------------------------|-------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|
| 802.11a:5825MHz | | | | | | | | | |
| Temp. | Volt. | 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) |
| 70 | VN | 5824.9764 | -4.05 | 5825.0232 | 3.98 | 5825.0224 | 3.85 | 5825.0242 | 4.16 |
| 60 | VN | 5824.9887 | -1.94 | 5824.9913 | -1.50 | 5825.0242 | 4.15 | 5824.9848 | -2.61 |
| 50 | VN | 5824.9862 | -2.36 | 5824.9809 | -3.27 | 5824.9762 | -4.09 | 5825.0013 | 0.22 |
| 40 | VN | 5824.9792 | -3.57 | 5825.0205 | 3.53 | 5824.9886 | -1.95 | 5824.9768 | -3.98 |
| 30 | VN | 5824.9904 | -1.65 | 5824.9829 | -2.94 | 5825.0132 | 2.26 | 5824.9945 | -0.94 |
| 20 | VN | 5824.9898 | -1.75 | 5824.9788 | -3.65 | 5825.0178 | 3.06 | 5824.9873 | -2.17 |
| 10 | VN | 5825.0023 | 0.40 | 5825.0035 | 0.60 | 5824.9767 | -4.01 | 5824.9945 | -0.95 |
| 0 | VN | 5824.9764 | -4.05 | 5825.0232 | 3.98 | 5825.0224 | 3.85 | 5825.0242 | 4.16 |

Note:

1. All antennas, test modes and test channels have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 10 TEST ENVIRONMENT.

11.8. APPENDIX H: CALIBRATION

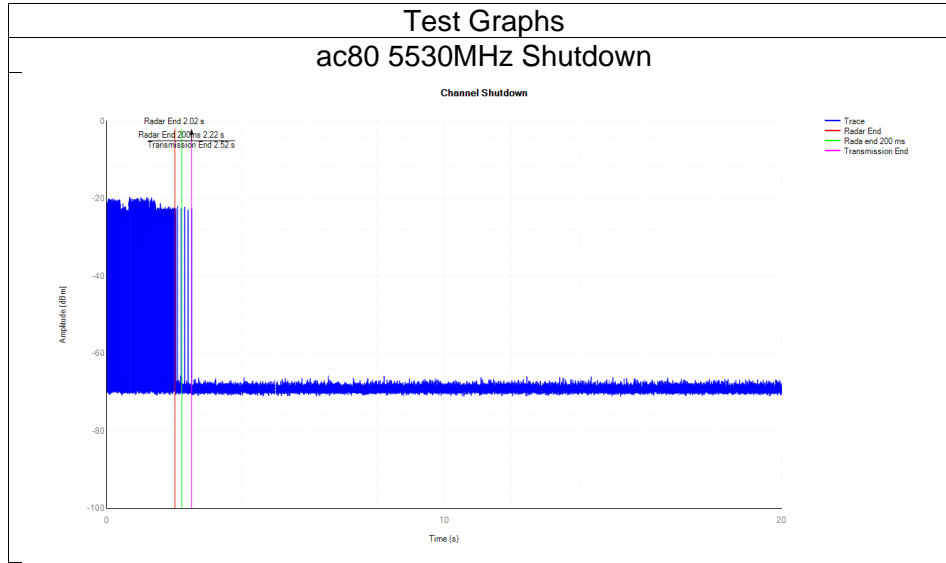
| Mode | Frequency (MHz) | Type | Result | Verdict |
|------|-----------------|------------|----------------|---------|
| ac80 | 5530 | DFS_FCC_T0 | See test Graph | Pass |



11.9. APPENDIX I: SHUTDOWN TIME

| Mode | Frequency (MHz) | Channel Move Time (s) | Limit Channel Move Time (s) | Close Transmission Time (s) | Limit Close Transmission Time (s) | Close Transmission Time after 200ms(s) | Limit Close Transmission Time after 200ms (s) | Verdict |
|------|-----------------|-----------------------|-----------------------------|-----------------------------|-----------------------------------|--|---|---------|
| ac80 | 5530 | 0.492 | 10 | 0.009 | 0.26 | 0.003 | 0.06 | Pass |

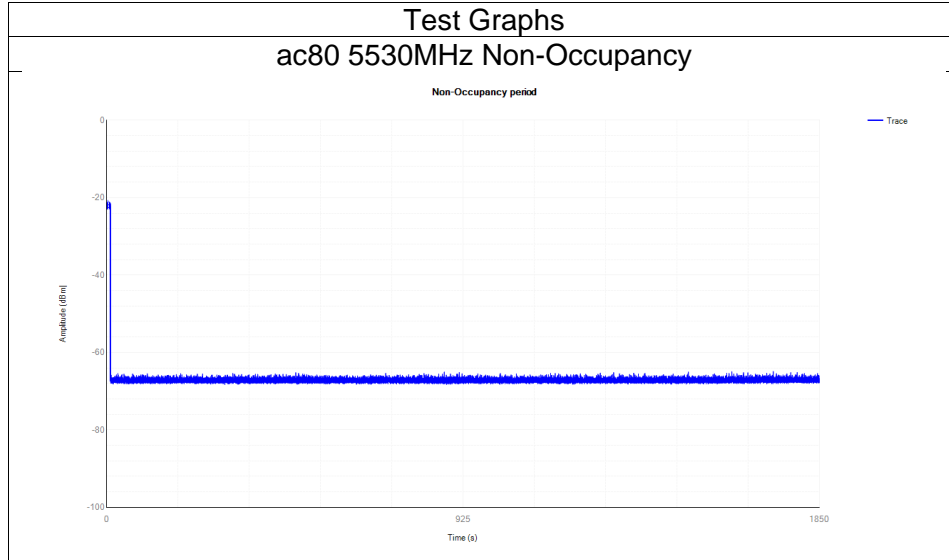
Note: refer to KDB 905462 D02 table 2, this report only records the widest BW mode test data.



11.10. APPENDIX J: NON-OCCUPANCY

| Mode | Frequency (MHz) | Result | Verdict |
|------|-----------------|----------------|---------|
| ac80 | 5530 | See test Graph | Pass |

Note: refer to KDB 905462 D02 table 2, this report only records the widest BW mode test data.



END OF REPORT