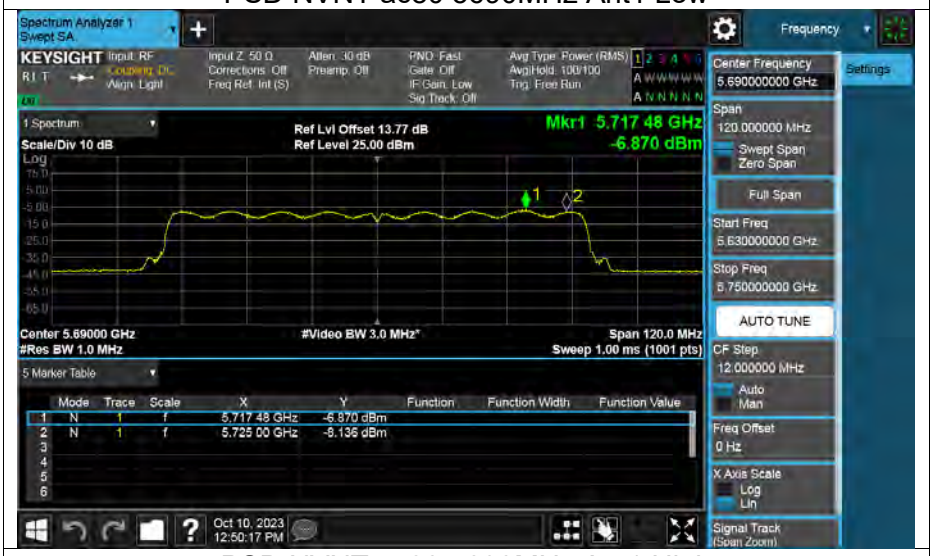
PSD NVNT ac80 5210MHz Ant1

PSD NVNT ac80 5290MHz Ant1

PSD NVNT ac80 5530MHz Ant1

PSD NVNT ac80 5610MHz Ant1

PSD NVNT ac80 5690MHz Ant1 Low



PSD NVNT ac80 5690MHz Ant1 High

PSD NVNT ac80 5775MHz Ant1

Appendix F: -6dB Bandwidth

Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
a	5720-(UNII-3)	Ant1	3	≥0.5	Pass
a	5745	Ant1	16.371	≥0.5	Pass
a	5785	Ant1	16.356	≥0.5	Pass
a	5825	Ant1	16.337	≥0.5	Pass
n20	5720-(UNII-3)	Ant1	2.96	≥0.5	Pass
n20	5745	Ant1	17.276	≥0.5	Pass
n20	5785	Ant1	17.546	≥0.5	Pass
n20	5825	Ant1	17.24	≥0.5	Pass
n40	5710-(UNII-3)	Ant1	2.36	≥0.5	Pass
n40	5755	Ant1	36.007	≥0.5	Pass
n40	5795	Ant1	35.931	≥0.5	Pass
ac80	5690-(UNII-3)	Ant1	2.76	≥0.5	Pass
ac80	5775	Ant1	75.16	≥0.5	Pass

Test Graphs

-6dB Bandwidth NVNT a 5720MHz Ant1

-6dB Bandwidth NVNT a 5745MHz Ant1

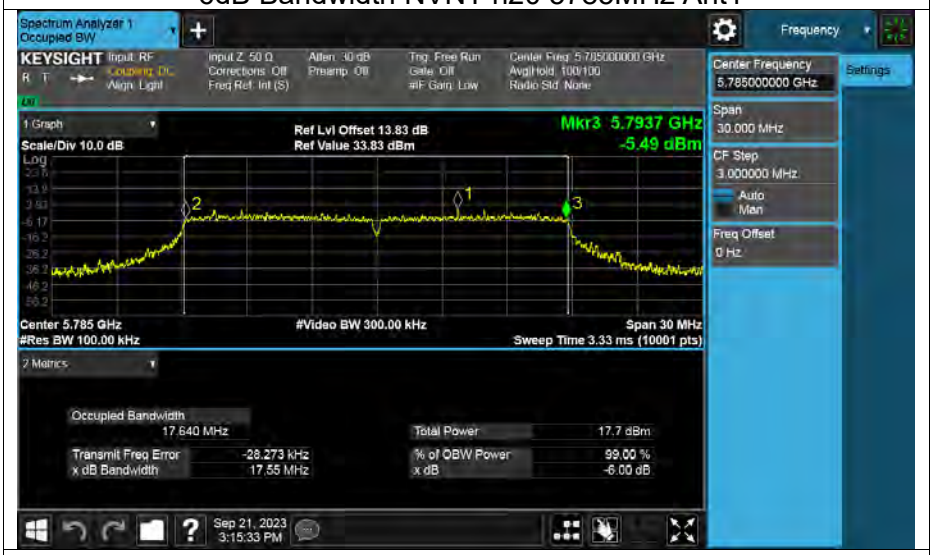
-6dB Bandwidth NVNT a 5785MHz Ant1

-6dB Bandwidth NVNT a 5825MHz Ant1

-6dB Bandwidth NVNT n20 5720MHz Ant1

-6dB Bandwidth NVNT n20 5745MHz Ant1

-6dB Bandwidth NVNT n20 5785MHz Ant1



-6dB Bandwidth NVNT n20 5825MHz Ant1

-6dB Bandwidth NVNT n40 5710MHz Ant1

-6dB Bandwidth NVNT n40 5755MHz Ant1

-6dB Bandwidth NVNT n40 5795MHz Ant1

-6dB Bandwidth NVNT ac80 5690MHz Ant1

-6dB Bandwidth NVNT ac80 5775MHz Ant1

Appendix G: Frequency Stability

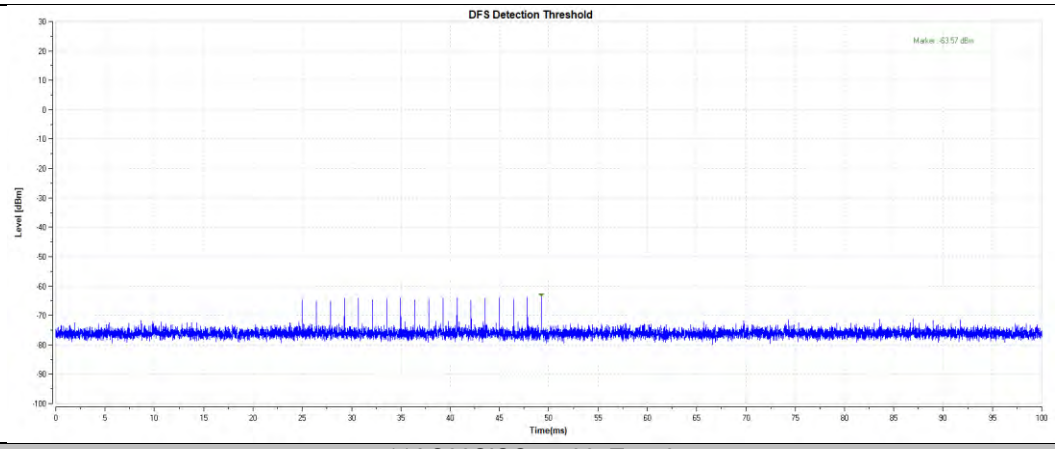
Frequency Error vs. Voltage									
802.11a:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5199.9817	-3.52	5199.9764	-4.55	5199.9882	-2.27	5199.9863	-2.63
TN	VN	5199.9796	-3.92	5200.0131	2.53	5199.9948	-1.00	5199.9924	-1.46
TN	VH	5199.9806	-3.73	5199.9964	-0.69	5199.9788	-4.08	5199.9803	-3.78
Frequency Error vs. Temperature									
802.11a: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)
70	VN	5200.0063	1.21	5199.9834	-3.18	5200.0066	1.27	5200.0066	1.26
60	VN	5200.0152	2.92	5199.9915	-1.63	5199.9792	-4.00	5199.9914	-1.66
50	VN	5200.0125	2.41	5200.0191	3.67	5200.0183	3.51	5199.9891	-2.10
40	VN	5199.9801	-3.82	5200.0167	3.22	5199.9951	-0.93	5199.9783	-4.17
30	VN	5199.9865	-2.59	5199.9990	-0.19	5200.0081	1.56	5200.0001	0.02
20	VN	5200.0086	1.66	5200.0173	3.33	5200.0155	2.98	5200.0223	4.29
10	VN	5200.0019	0.37	5199.9870	-2.51	5199.9878	-2.34	5200.0192	3.69
0	VN	5199.9866	-2.58	5199.9787	-4.10	5199.9771	-4.40	5200.0077	1.49

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.

Appendix H: DFS Detection Thresholds

Test Mode	Channel	Radar Type	Result	Limit[dbm]	Verdict
11AC80SISO	5530	Type0	-63.57	-59.00	PASS

Note:
1. Refer to 905462 D02 UNII DFS Compliance Procedures New Rules v02 table 2, the test using the widest BW mode available for the link.
2. Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

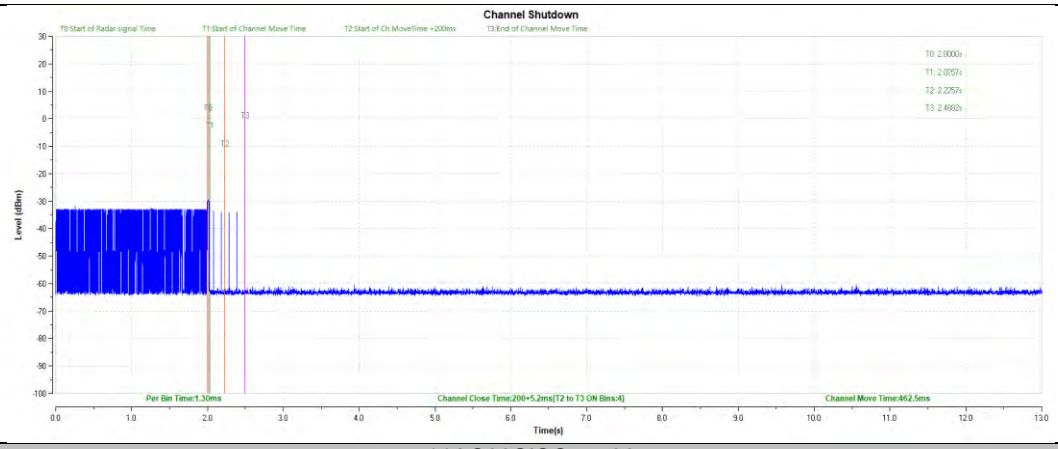


11AC80SISO_5530_Type0

Appendix I: Channel Move Time and Channel Closing Transmission Time

Test Mode	Channel	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AC80SISO	5530	200+5.2	200+60	462.5	10000	PASS

Note:
1. Refer to 905462 D02 UNII DFS Compliance Procedures New Rules v02 table 2, the test using the widest BW mode available for the link.
2. Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

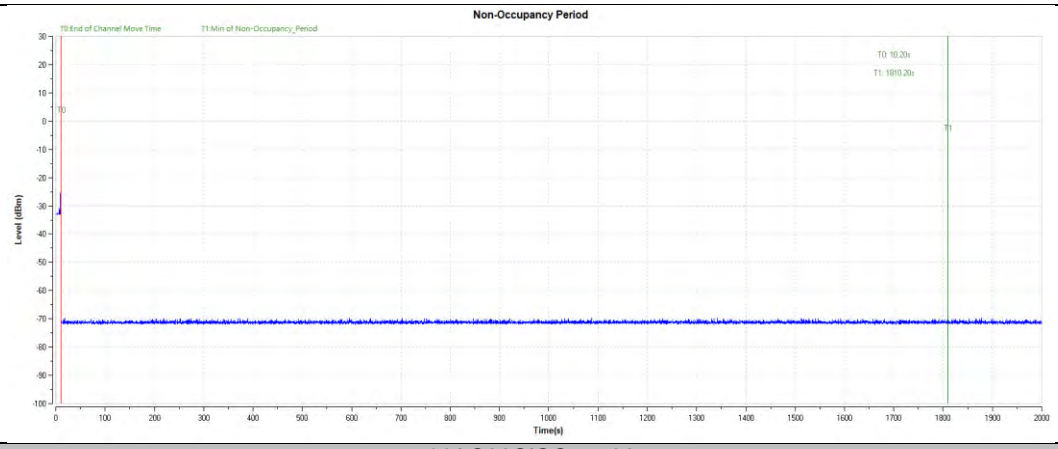


11AC80SISO_5530

Appendix J: Non-Occupancy Period

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

Note:
1. Refer to 905462 D02 UNII DFS Compliance Procedures New Rules v02 table 2, the test using the widest BW mode available for the link.
2. Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.



11AC80SISO_5530

END OF REPORT