



12.7. Appendix E: Frequency Stability Test Result

Frequency Error vs. Voltage									
802.11a20:5200MHz									
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	5199.9846	-2.96	5200.0163	3.14	5200.0019	0.37	5200.0189	3.63
TN	VN	5199.9883	-2.26	5200.0032	0.61	5199.9940	-1.16	5200.0066	1.27
TN	VH	5200.0114	2.20	5199.9815	-3.55	5199.9898	-1.96	5199.9758	-4.66
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)
40	VN	5199.9791	-4.01	5200.0152	2.93	5199.9871	-2.49	5199.9848	-2.92
30	VN	5199.9819	-3.48	5199.9813	-3.60	5200.0115	2.21	5200.0214	4.12
20	VN	5199.9962	-0.73	5200.0018	0.34	5199.9881	-2.28	5199.9977	-0.45
10	VN	5199.9914	-1.65	5200.0149	2.86	5199.9905	-1.83	5199.9921	-1.52
0	VN	5199.9924	-1.46	5200.0037	0.71	5199.9894	-2.05	5200.0193	3.70



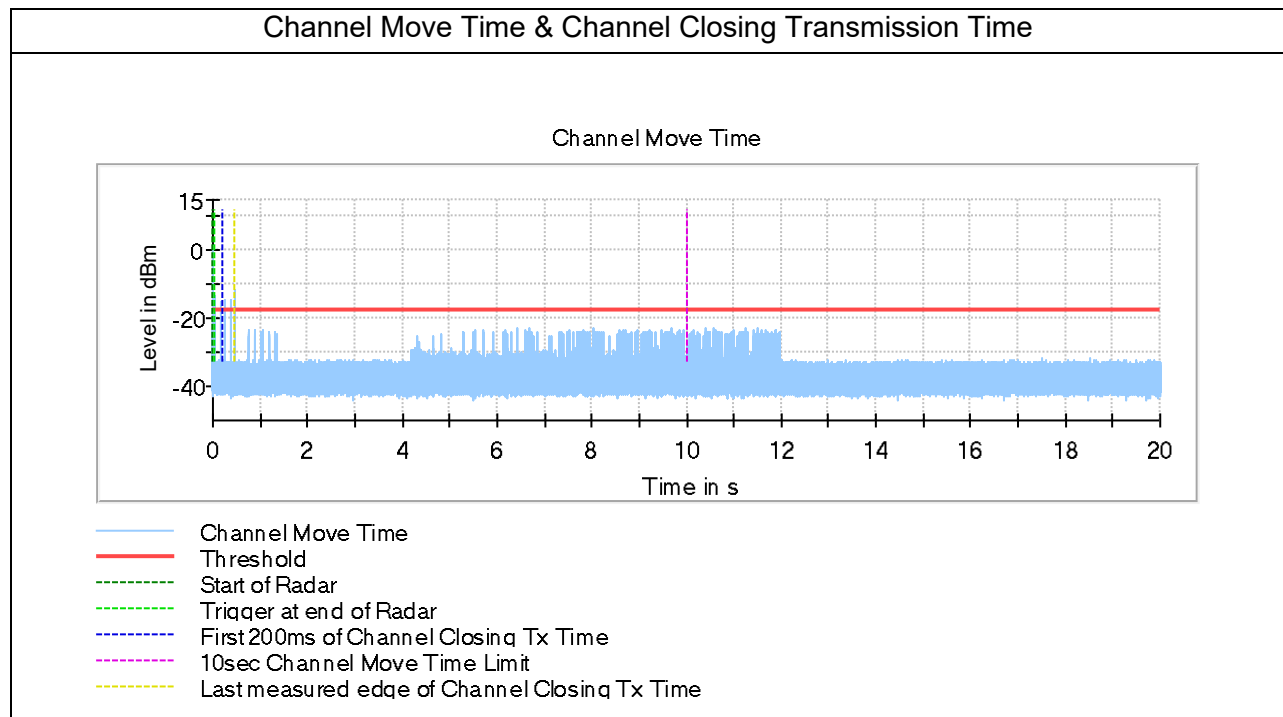
Frequency Error vs. Voltage									
802.11a:5825MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5824.9904	-1.66	5825.0092	1.57	5824.9947	-0.91	5825.0088	1.51
TN	VN	5824.9846	-2.64	5824.9863	-2.35	5824.9776	-3.85	5825.0243	4.18
TN	VH	5824.9973	-0.47	5825.0084	1.44	5824.9979	-0.36	5824.9845	-2.66
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)
40	VN	5824.9938	-1.06	5824.9757	-4.18	5824.9929	-1.23	5825.0165	2.83
30	VN	5825.0008	0.14	5824.9911	-1.52	5825.0185	3.17	5824.9873	-2.18
20	VN	5825.0056	0.97	5825.0240	4.13	5825.0133	2.28	5825.0105	1.80
10	VN	5825.0105	1.80	5824.9820	-3.09	5824.9866	-2.30	5824.9815	-3.18
0	VN	5824.9938	-1.07	5824.9894	-1.82	5825.0042	0.73	5824.9906	-1.61

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

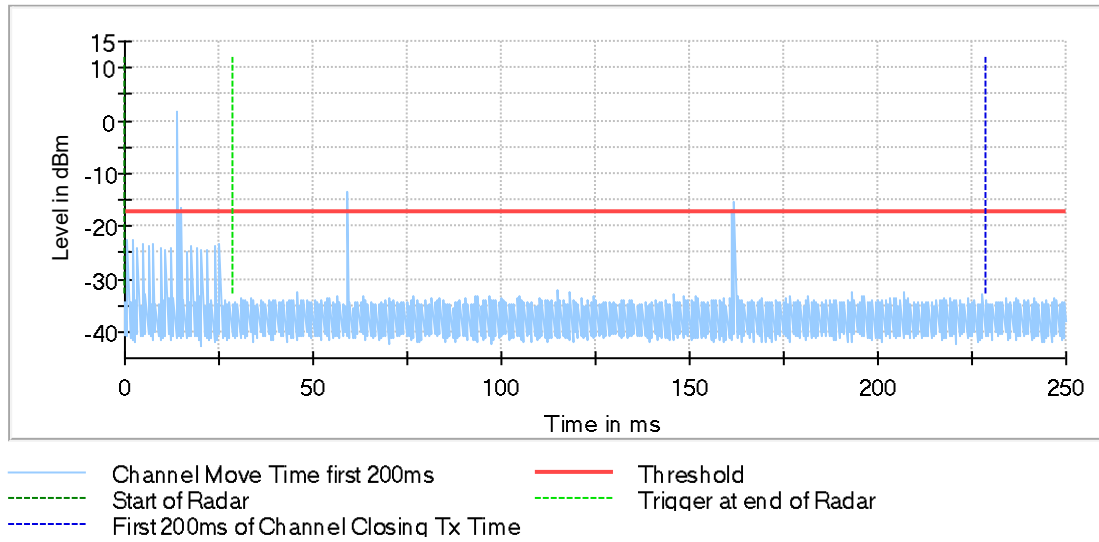
12.8. Appendix F DYNAMIC FREQUENCY SELECTION

802.11ac VHT80 Mode

BW/Channel	Test Item	Test Result	Limit	Results
80MHz / 5530MHz	Channel Move Time	0.441S	< 10 s	pass
	Channel Closing Transmission Time	0.044S	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period.	pass
	Non-Occupancy Period	Nothing appears	If the client moves with the master, the device is considered compliant if nothing appears in the client non-occupancy period test. For devices that shut down (rather than moving channels), no beacons should appear.	pass

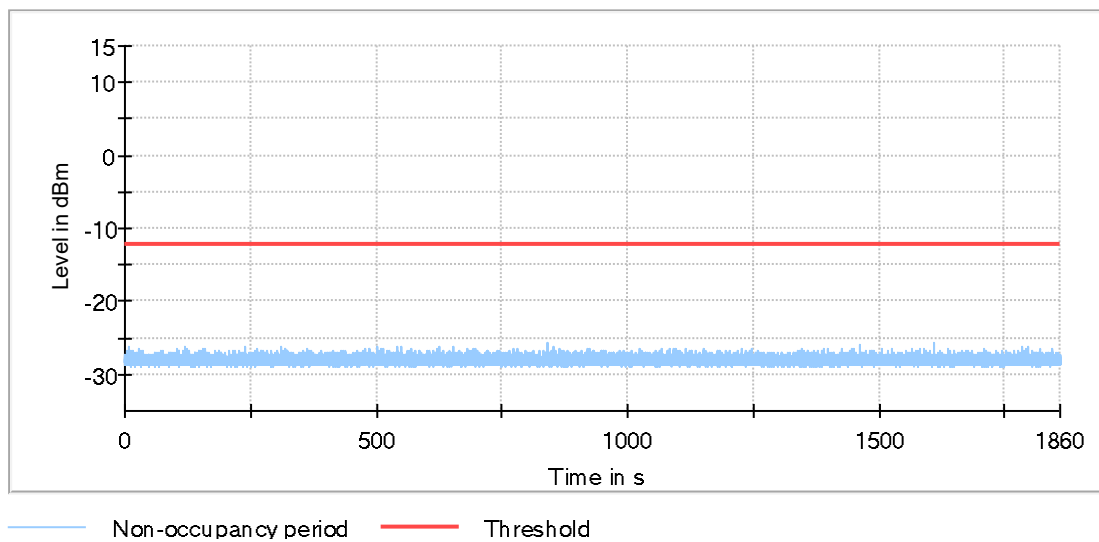


Channel Move Time first 200ms



Non-Occupancy Period

Non-occupancy period



DFS set up photo



END OF REPORT