

11A Ant1 5500



11A Ant1 5580



11A Ant1 5700



11A Ant1 5720 UNII-2C



11A_Ant1_5720_UNII-3



11A Ant1 5745



11A Ant1_5785



11A Ant1_5825



11N20SISO Ant1_5180



11N20SISO Ant1 5200



11N20SISO_Ant1_5240



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5260



11AC20SISO_Ant1_5280



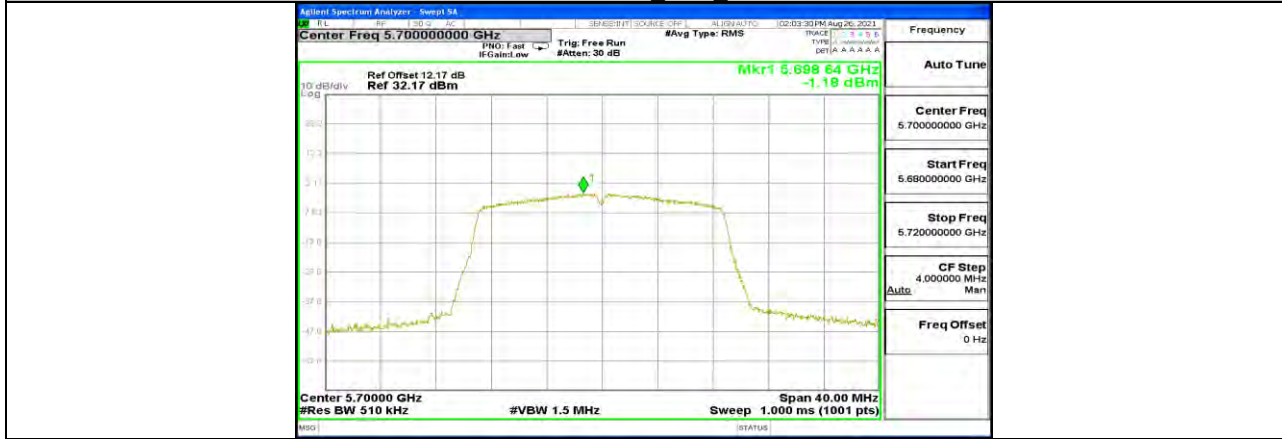
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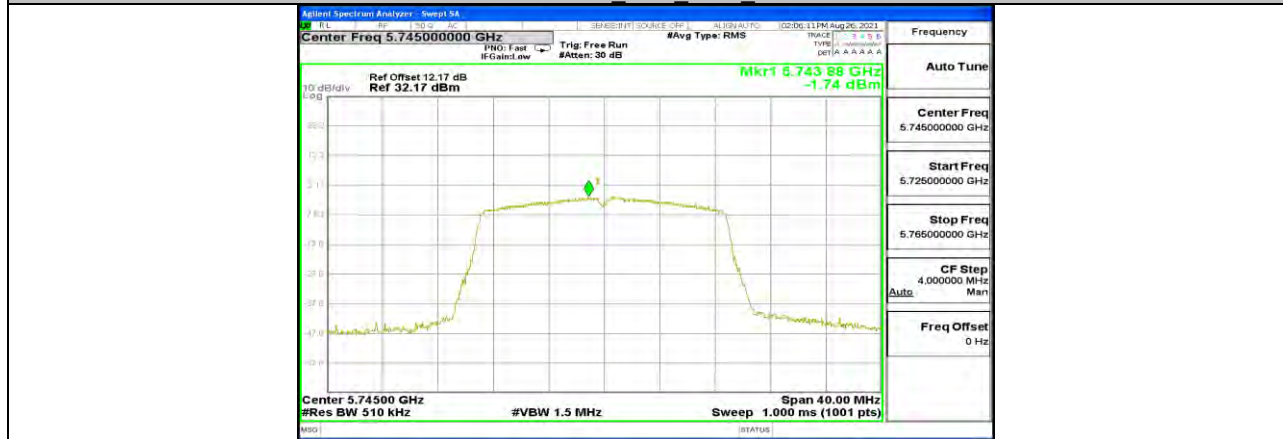
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11AC20SISO Ant1 5720 UNII-3



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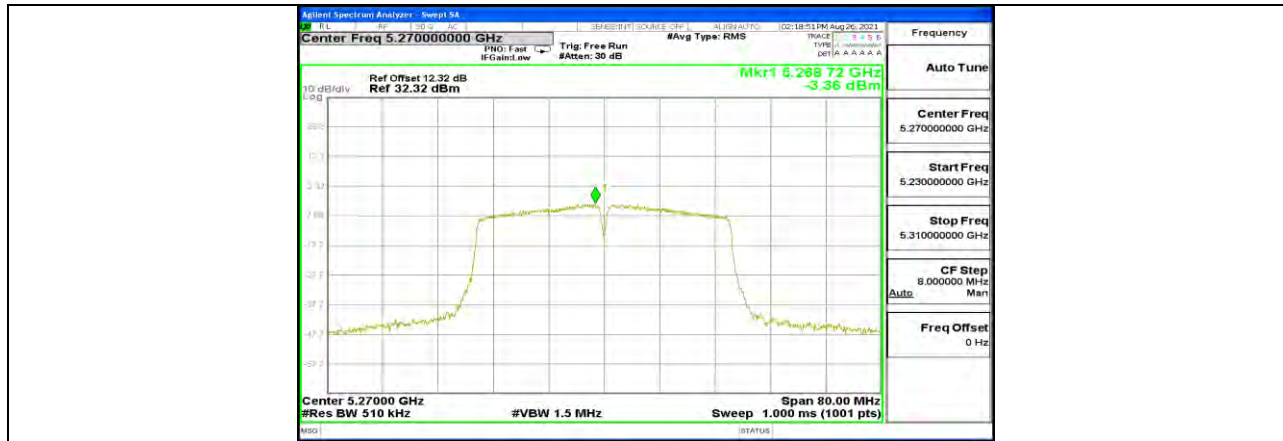
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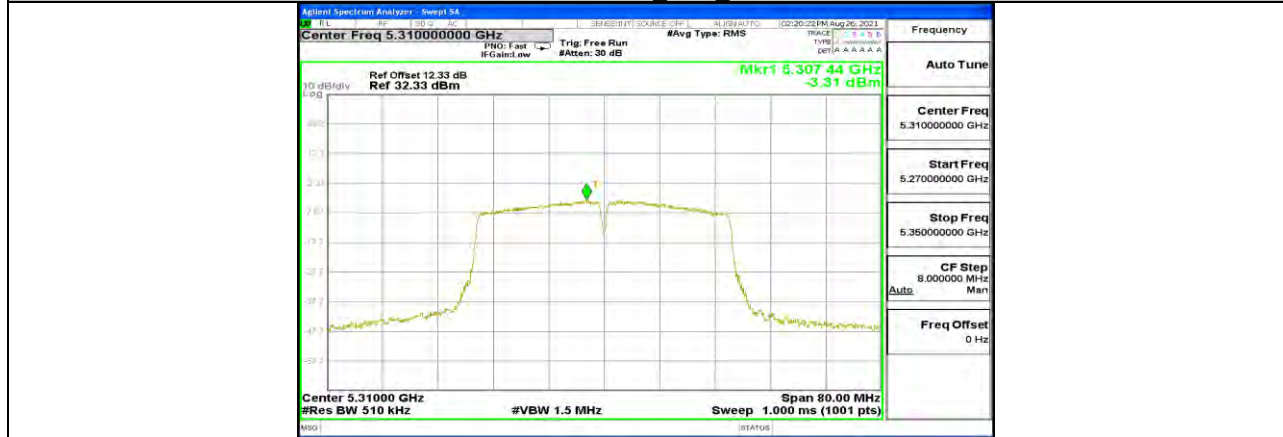
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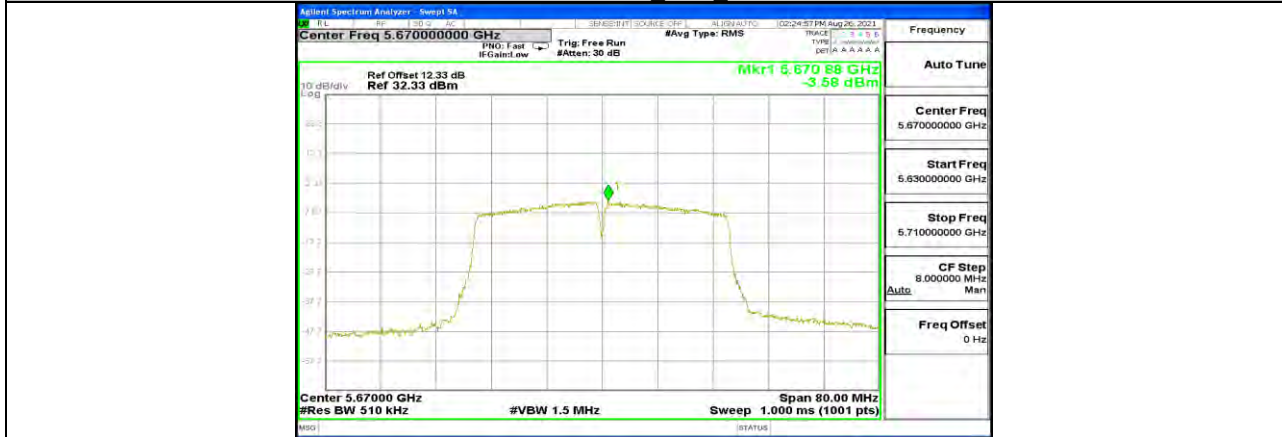
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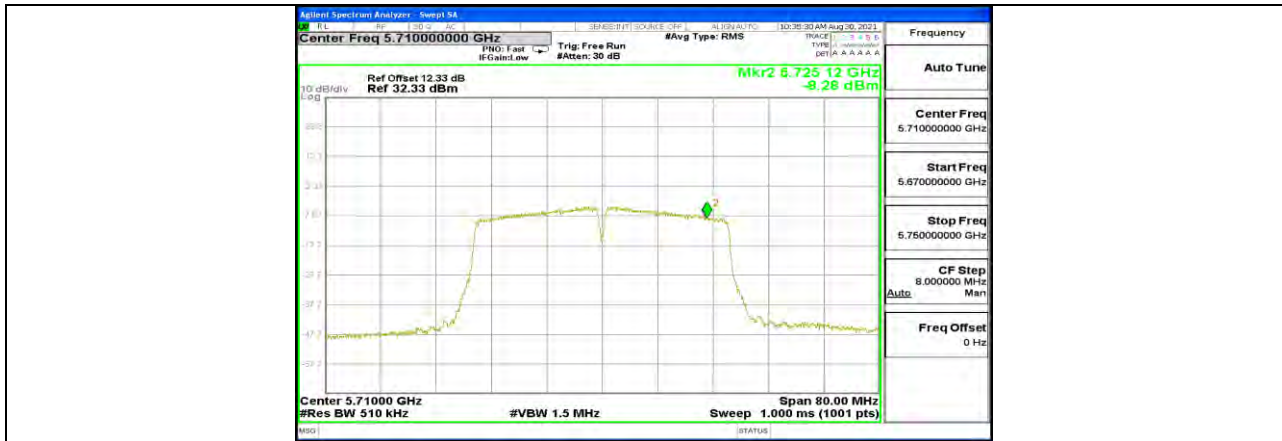
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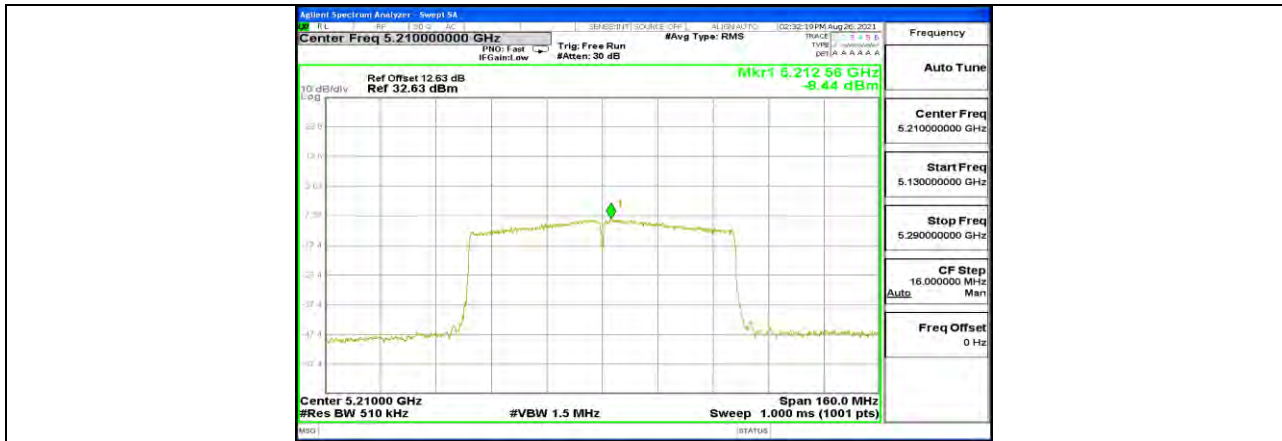
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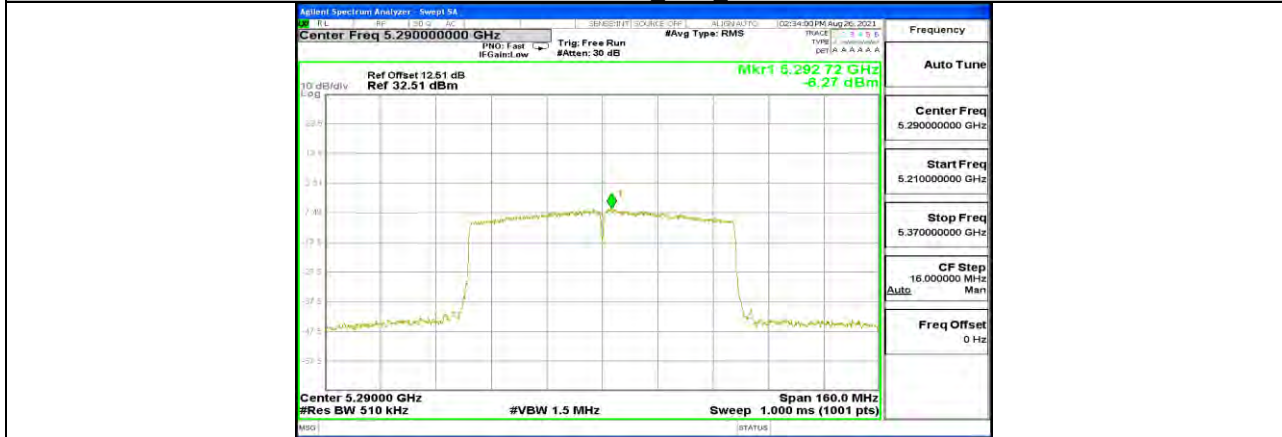
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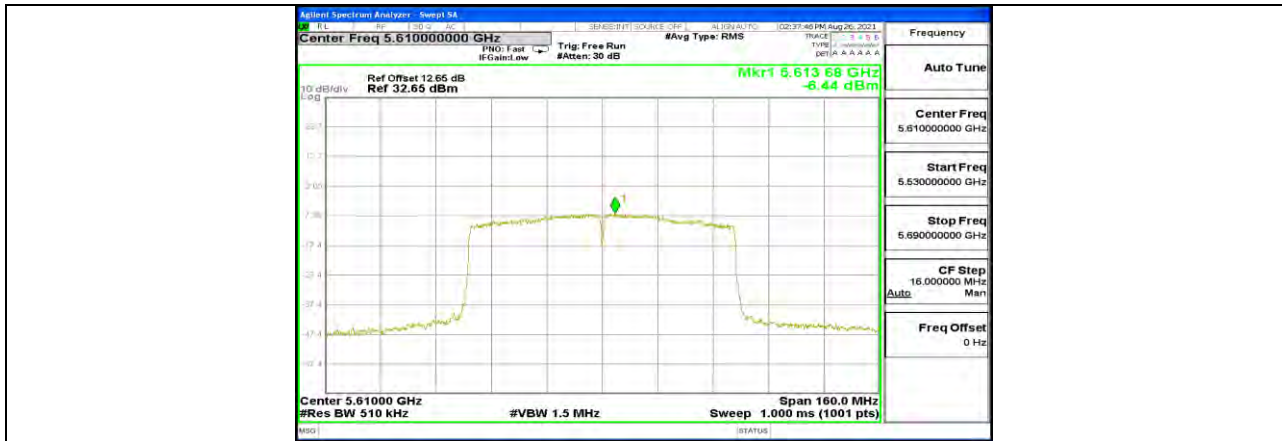
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11AC80SISO_Ant1_5290



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11AC80SISO Ant1 5610



11AC80SISO Ant1 5690 UNII-2C



11AC80SISO Ant1 5690 UNII-3



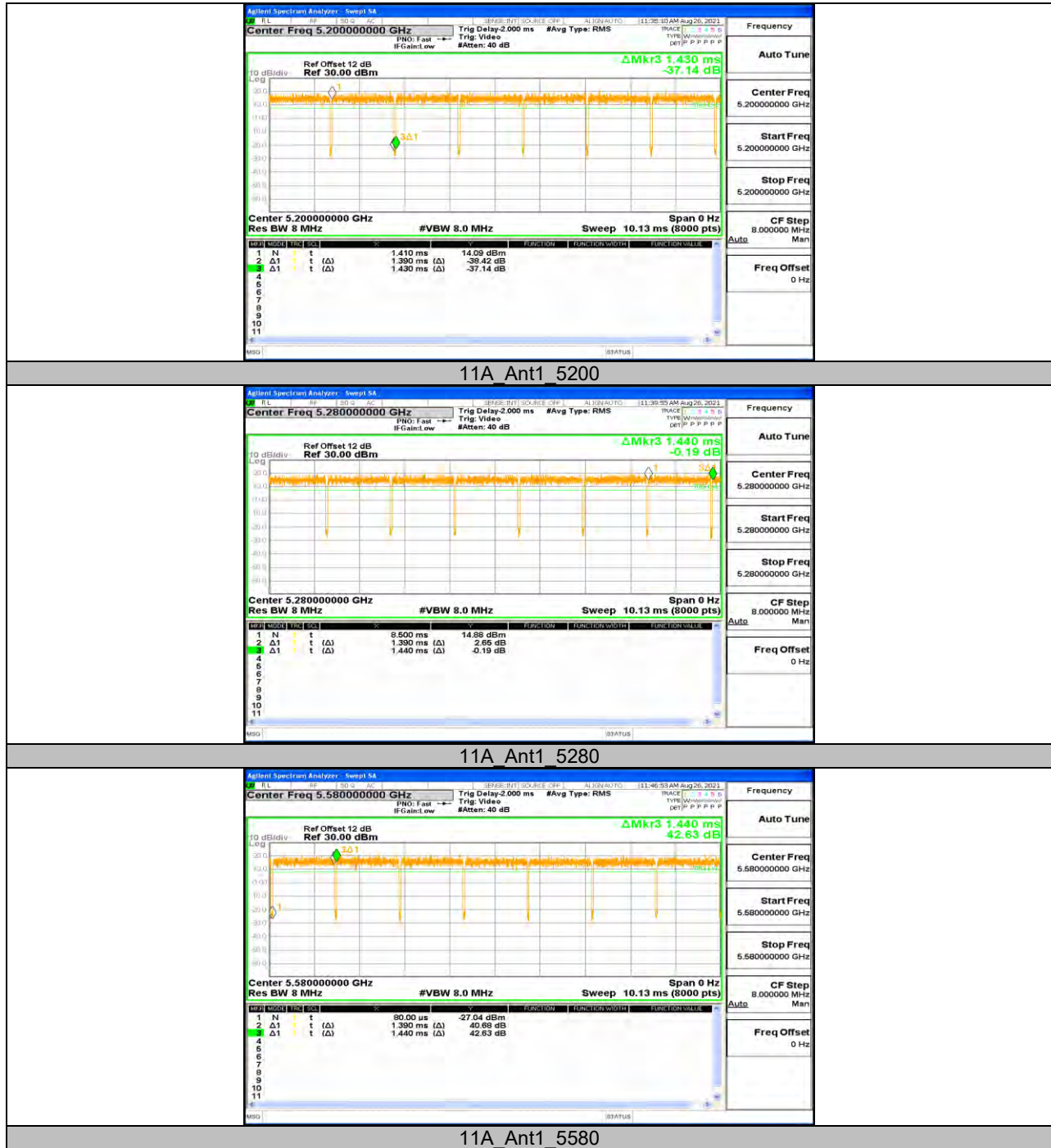


13.6. Appendix D: Duty Cycle

13.6.1. Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5200	1.39	1.43	97.20	---	PASS
		5280	1.39	1.44	96.53	---	PASS
		5580	1.39	1.44	96.53	---	PASS
		5720	1.40	1.44	97.22	---	PASS
		5785	1.40	1.44	97.22	---	PASS
11N20SISO	Ant1	5200	1.30	1.34	97.01	---	PASS
11AC20SISO	Ant1	5200	1.31	1.36	96.32	---	PASS
		5280	1.32	1.36	97.06	---	PASS
		5580	1.31	1.36	96.32	---	PASS
		5720	1.32	1.36	97.06	---	PASS
		5785	1.31	1.36	96.32	---	PASS
11AC40SISO	Ant1	5190	0.65	0.69	94.20	---	PASS
		5270	0.65	0.70	92.86	---	PASS
		5550	0.66	0.70	94.29	---	PASS
		5755	0.65	0.70	92.86	---	PASS
11AC80SISO	Ant1	5210	0.32	0.37	86.49	---	PASS
		5290	0.32	0.36	88.89	---	PASS
		5530	0.32	0.37	86.49	---	PASS
		5775	0.32	0.36	88.89	---	PASS

13.6.2. Test Graphs





11A Ant1 5720



11A Ant1 5785



11N20SISO Ant1 5200



11AC20SISO Ant1 5200



11AC20SISO Ant1 5280



11AC20SISO Ant1 5580



11AC20SISO Ant1 5720



11AC20SISO Ant1 5785



11AC40SISO Ant1 5190



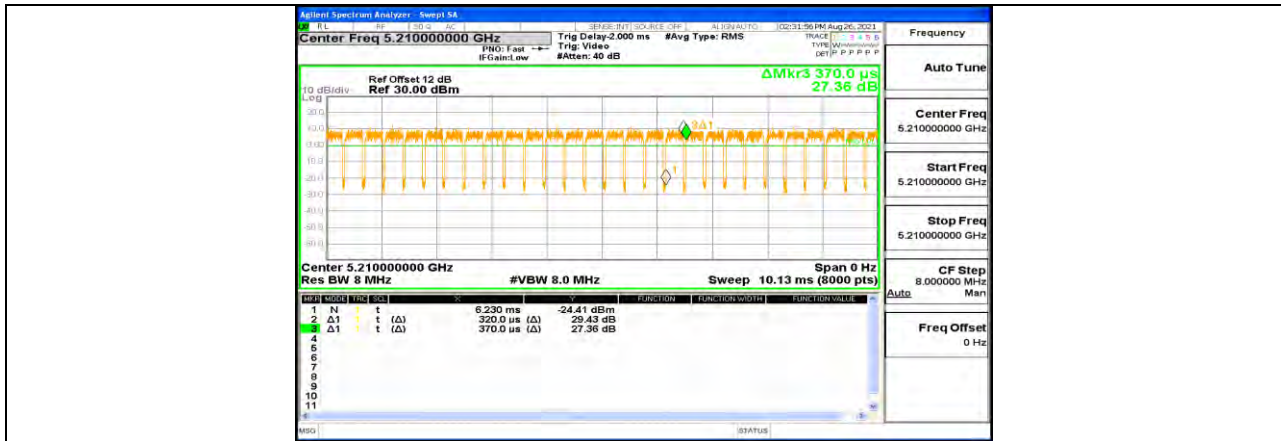
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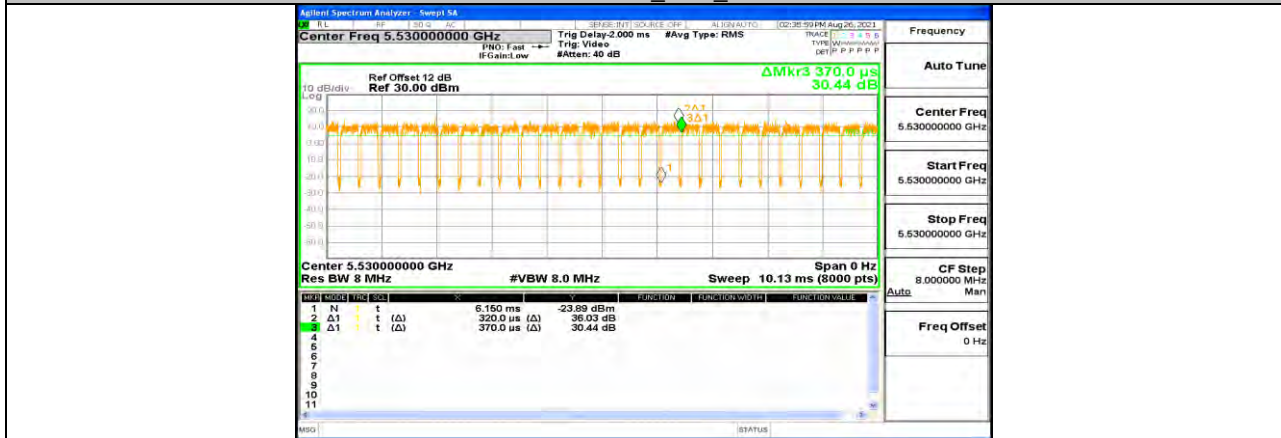
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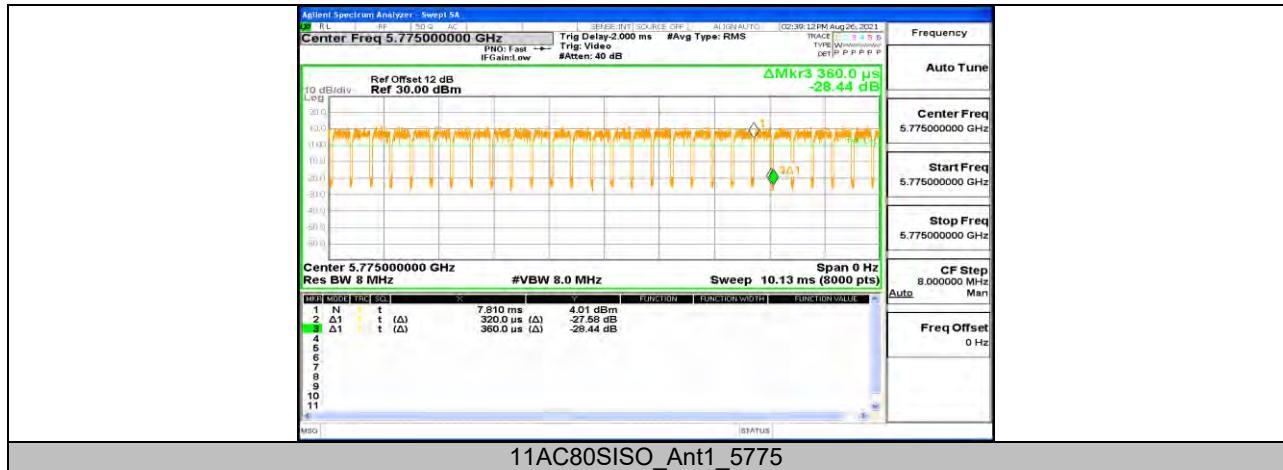
11AC80SISO Ant1 5210



11AC80SISO Ant1 5290



11AC80SISO Ant1 5530





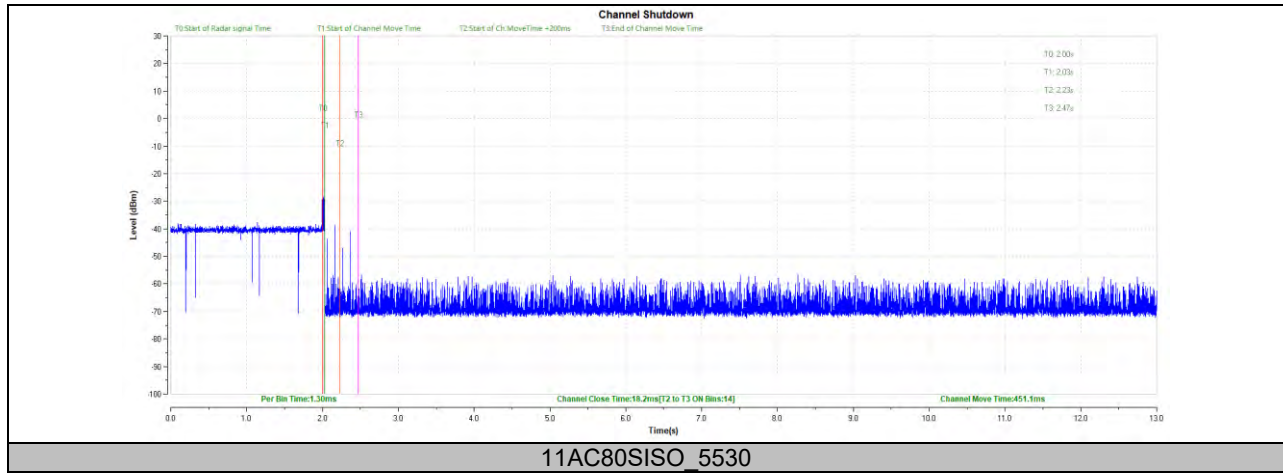
13.7.

13.8. Appendix E: Channel Move Time and Channel Closing Transmission Time

13.8.1. Test Result

Test Mode	Channel	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AC80SISO	5530	18.2	60	451.1	10000	PASS

13.8.2. Test Graphs





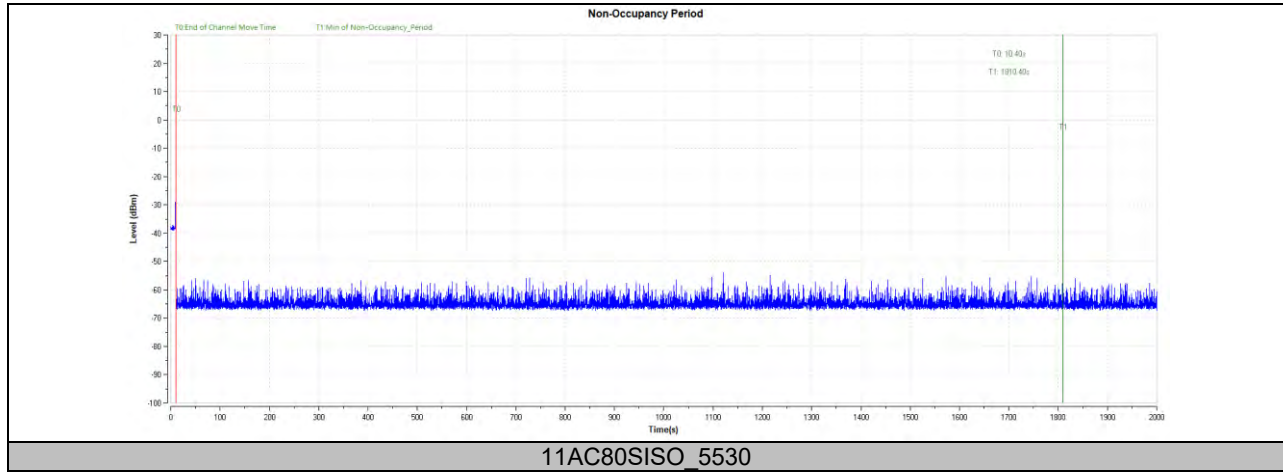
13.9. Appendix F: Non-Occupancy Period

Test Result

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



13.9.1. Test Graphs





13.1. Appendix G: Frequency Stability Test Result

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	5199.9913	-1.68	5199.9886	-2.19	5199.9815	-3.56	5200.0191	3.68
TN	VN	5199.9878	-2.35	5199.9835	-3.18	5199.9798	-3.89	5200.0028	0.54
TN	VH	5200.0215	4.14	5200.0218	4.19	5200.0082	1.58	5199.9952	-0.93

Frequency Error vs. Temperature									
802.11a: 5200 MHz									
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)
35	VN	5199.9905	-1.82	5199.9980	-0.38	5199.9755	-4.71	5199.9795	-3.95
30	VN	5199.9934	-1.27	5200.0198	3.82	5199.9977	-0.45	5200.0075	1.44
20	VN	5200.0166	3.19	5200.0202	3.88	5200.0009	0.18	5199.9967	-0.63
10	VN	5199.9955	-0.86	5200.0010	0.20	5199.9775	-4.33	5199.9851	-2.87
0	VN	5199.9928	-1.39	5199.9984	-0.31	5200.0139	2.68	5200.0021	0.41

Frequency Error vs. Voltage									
802.11a: 5825 MHz									
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	5825.0127	2.18	5824.9773	-3.90	5825.0187	3.22	5824.9890	-1.89
TN	VN	5824.9820	-3.09	5825.0104	1.79	5825.0041	0.70	5824.9978	-0.38
TN	VH	5825.0186	3.19	5824.9864	-2.33	5824.9959	-0.70	5824.9816	-3.16

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)
35	VN	5825.0066	1.13	5824.9801	-3.42	5824.9946	-0.93	5824.9907	-1.59
30	VN	5825.0038	0.65	5825.0169	2.90	5824.9910	-1.55	5825.0154	2.64
20	VN	5825.0074	1.27	5825.0007	0.13	5824.9766	-4.02	5824.9758	-4.15
10	VN	5825.0021	0.37	5824.9868	-2.27	5824.9944	-0.96	5824.9886	-1.97
0	VN	5825.0157	2.70	5825.0043	0.74	5824.9868	-2.26	5824.9833	-2.87

Note: All the modes have been tested, only the worst data was recorded in the report.

END OF REPORT