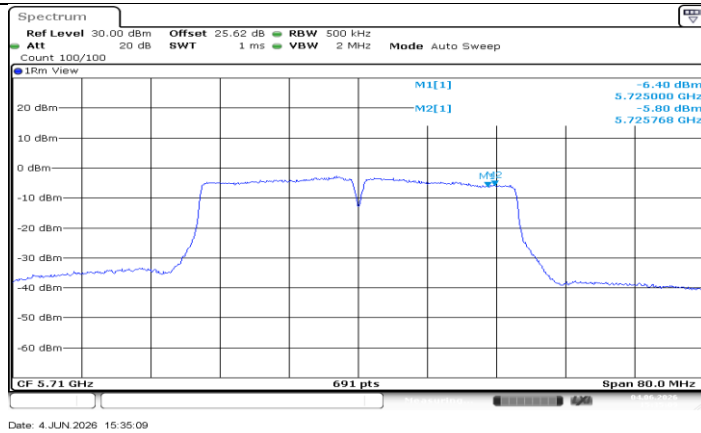
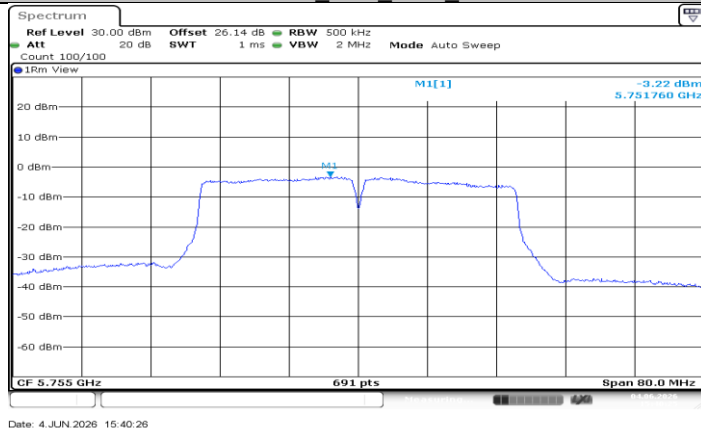
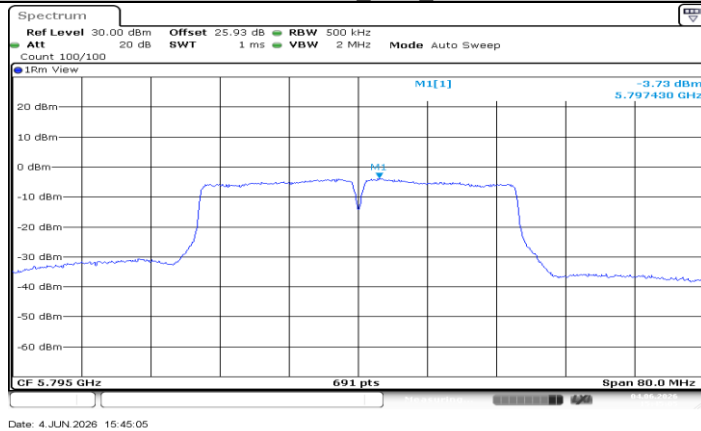




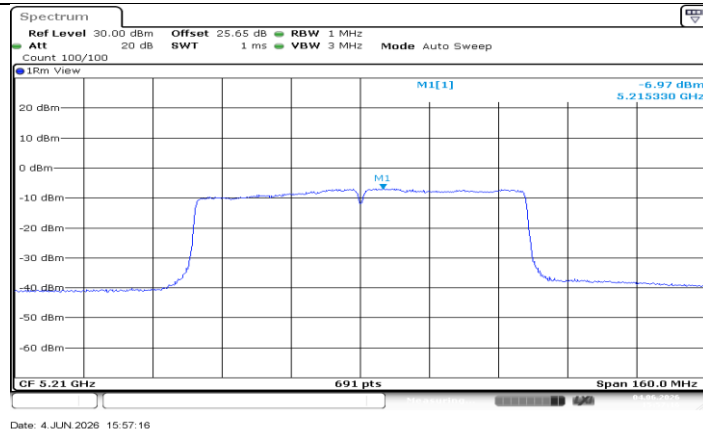
11N40SISO_Ant1_5710_UNII-3



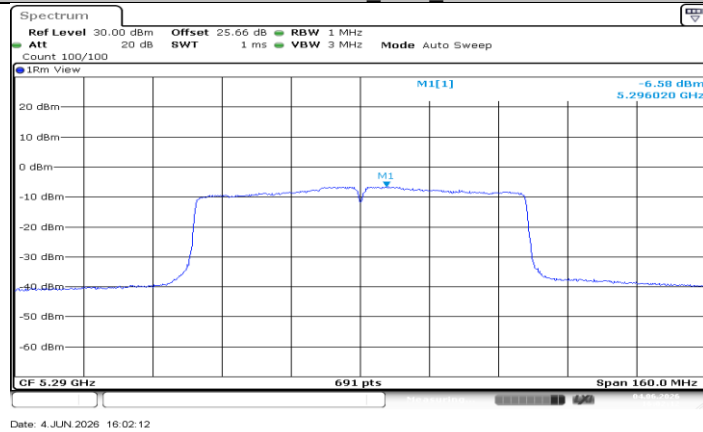
11N40SISO_Ant1_5755



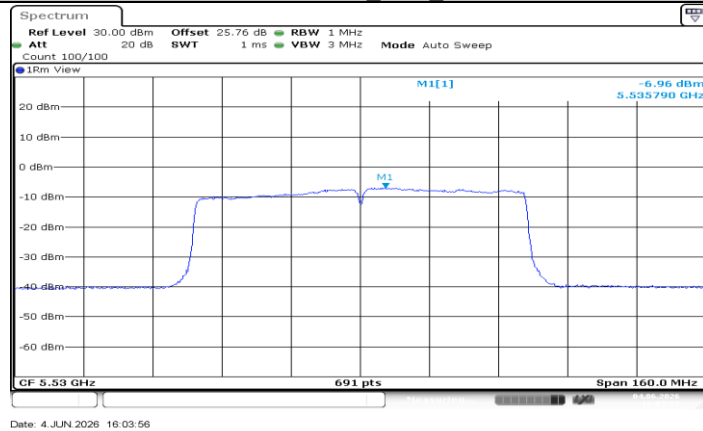
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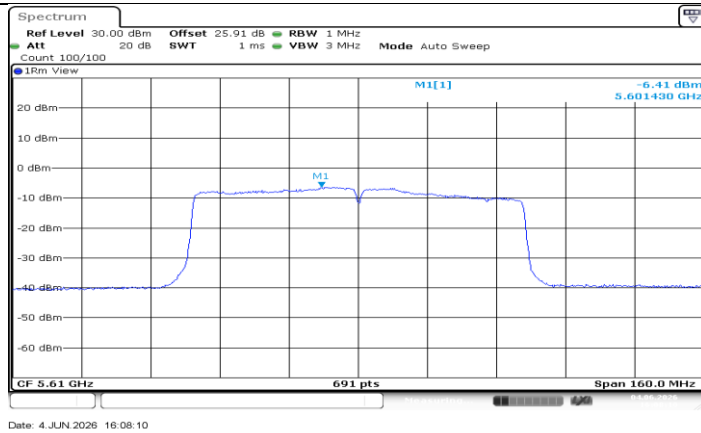
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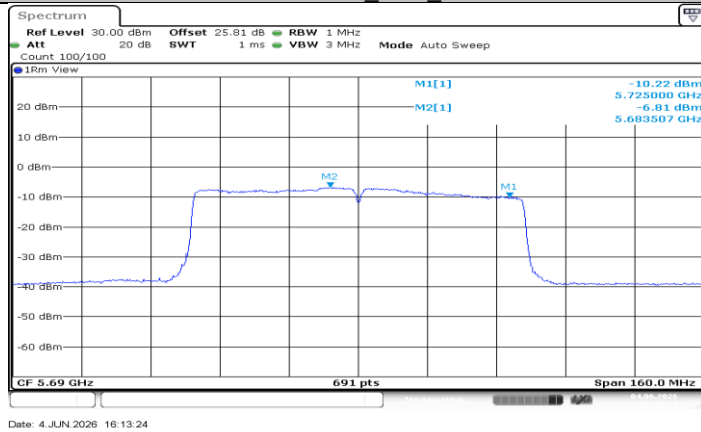
11AC80SISO_Ant1_5290



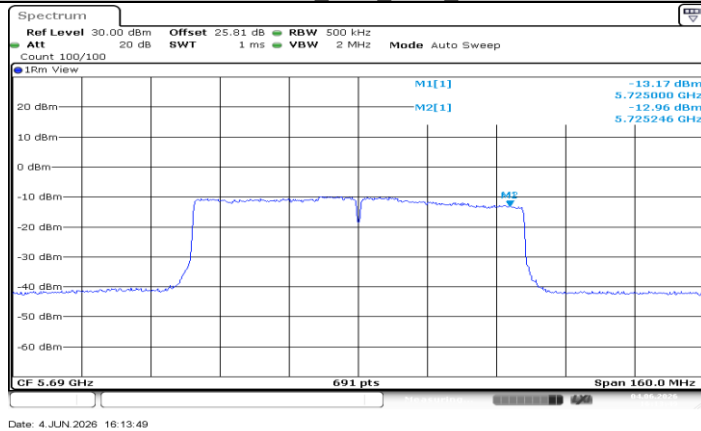
11AC80SISO_Ant1_5530



11AC80SISO Ant1_5610



11AC80SISO Ant1_5690 UNII-2C



11AC80SISO Ant1_5690 UNII-3



11.6. APPENDIX F: FREQUENCY STABILITY

11.6.1. 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	5199.9983	-0.34	5199.9789	-4.05	5199.9852	-2.84	5199.9814	-3.57
TN	VN	5200.0215	4.13	5200.0169	3.25	5200.0195	3.75	5200.0026	0.50
TN	VH	5199.9788	-4.09	5199.9884	-2.23	5200.0173	3.32	5199.9897	-1.99
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	5199.9985	-0.29	5200.0063	1.21	5200.0142	2.73	5199.9940	-1.16
60	VN	5199.9805	-3.76	5199.9854	-2.82	5199.9942	-1.12	5199.9857	-2.75
50	VN	5200.0132	2.55	5200.0003	0.06	5199.9959	-0.79	5200.0223	4.29
40	VN	5200.0240	4.62	5199.9863	-2.63	5200.0239	4.60	5200.0042	0.81
30	VN	5200.0083	1.60	5199.9762	-4.58	5200.0220	4.24	5199.9886	-2.19
20	VN	5199.9967	-0.64	5200.0134	2.58	5199.9917	-1.59	5200.0150	2.88
10	VN	5200.0240	4.61	5199.9837	-3.14	5199.9784	-4.16	5199.9772	-4.38
0	VN	5199.9781	-4.21	5200.0206	3.96	5199.9767	-4.48	5199.9900	-1.93
-10	VN	5199.9968	-0.62	5199.9983	-0.32	5200.0190	3.66	5200.0192	3.70
-20	VN	5199.9912	-1.53	5200.0203	3.53	5199.9863	-2.38	5200.0141	2.45

11.7. APPENDIX G: DUTY CYCLE

11.7.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A	2.01	2.05	0.9805	98.05	0.09	0.50	1
11N20SISO	1.87	1.91	0.9791	97.91	0.09	0.53	1
11N40SISO	0.93	0.96	0.9688	96.88	0.14	1.08	2
11AC80SISO	0.46	0.49	0.9388	93.88	0.27	2.17	3

Note:

Duty Cycle Correction Factor = $10 \log (1/x)$.

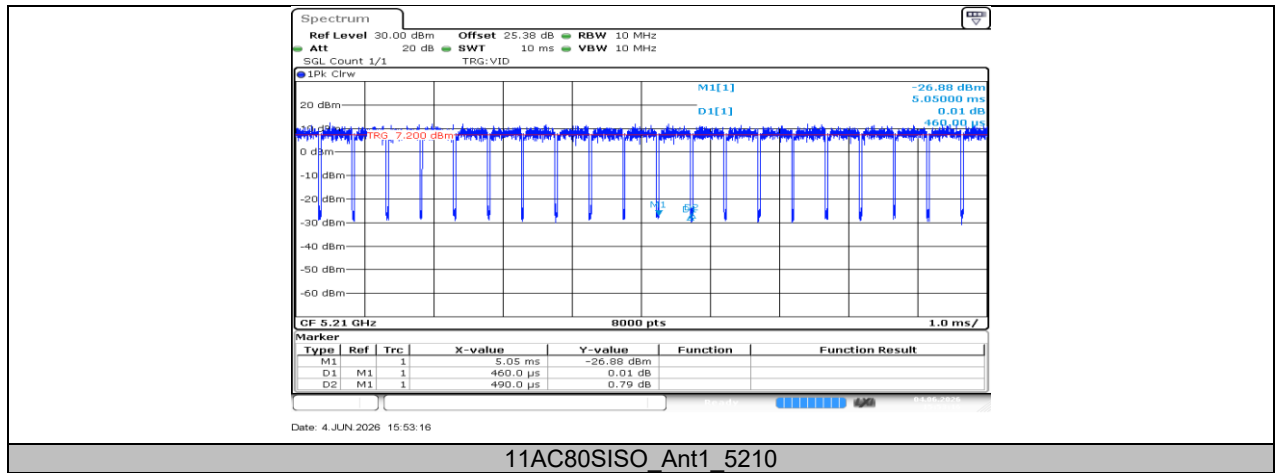
Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.

11.7.2. Test Graphs

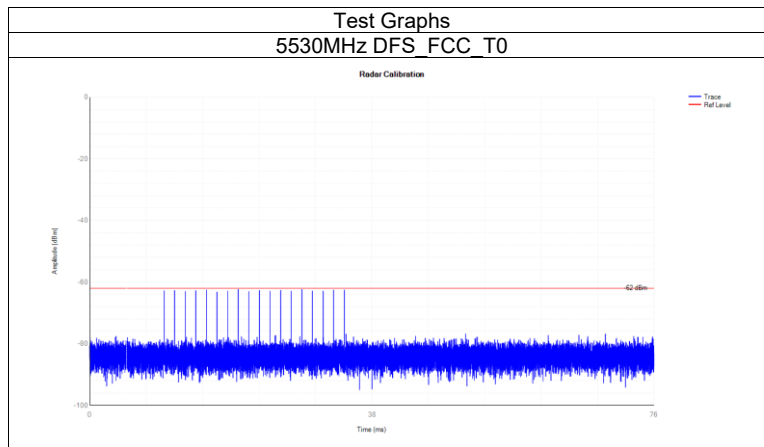




11.8. APPENDIX H: DYNAMIC FREQUENCY SELECTION (SLAVE)

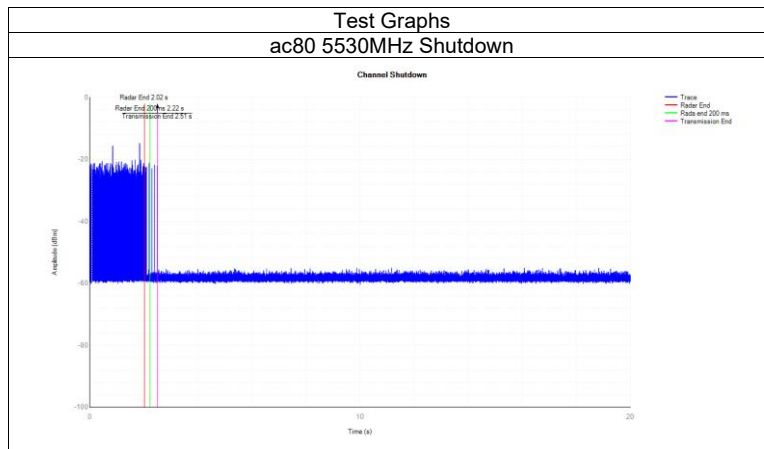
11.8.1. Calibration

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



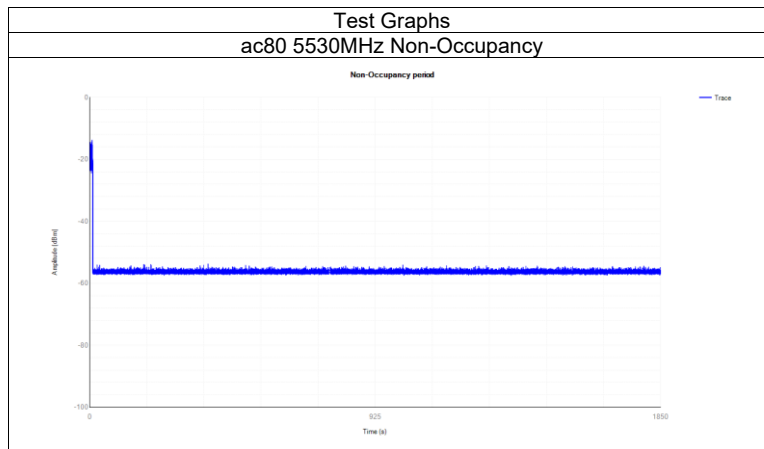
11.8.2. Shutdown Time

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	0.481	10	0.017	0.26	0.004	0.06	Pass



11.8.3. Non-Occupancy

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



END OF REPORT