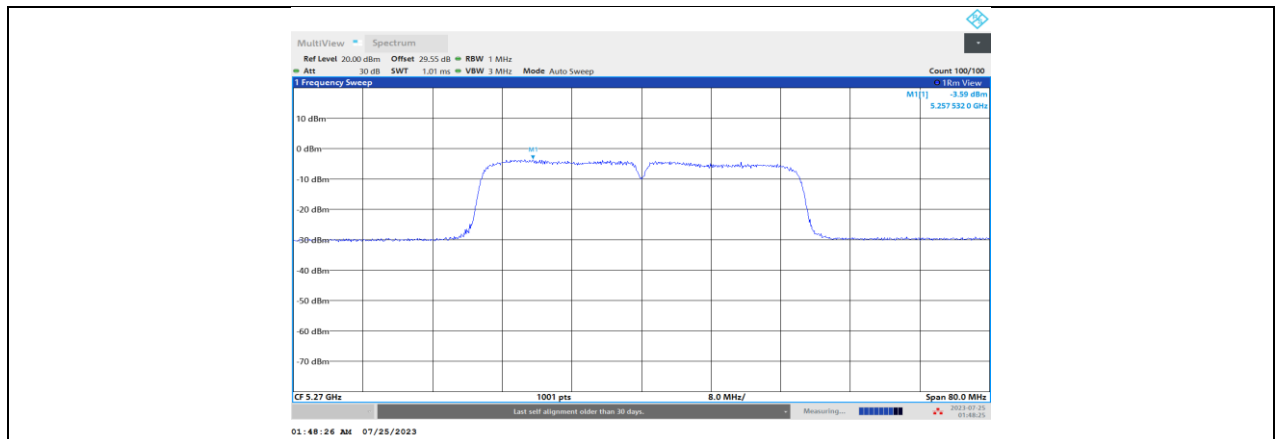
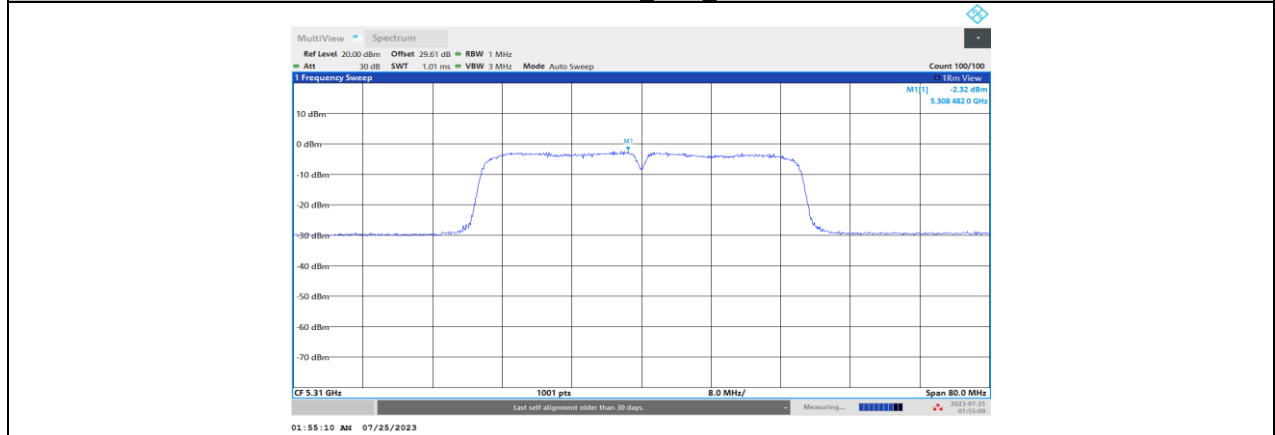
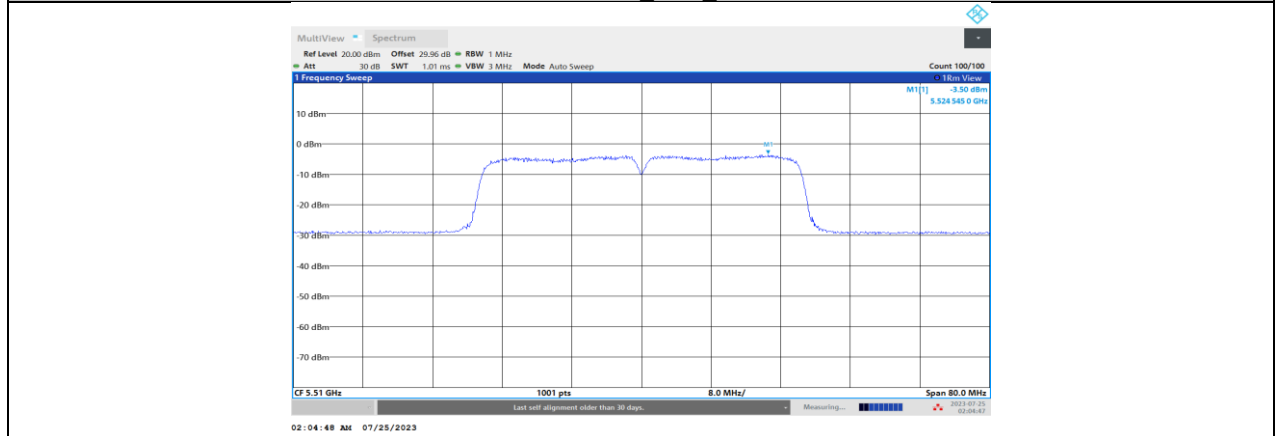




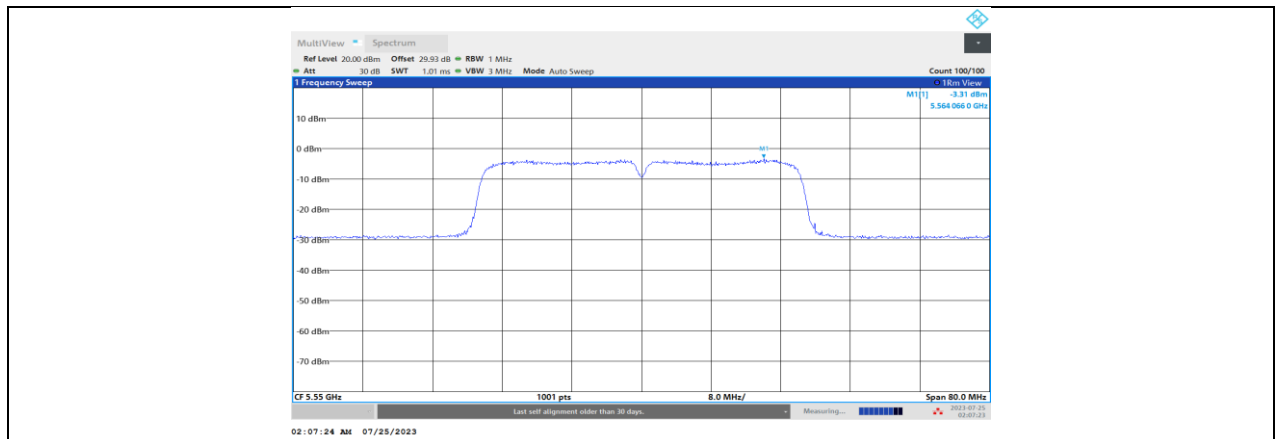
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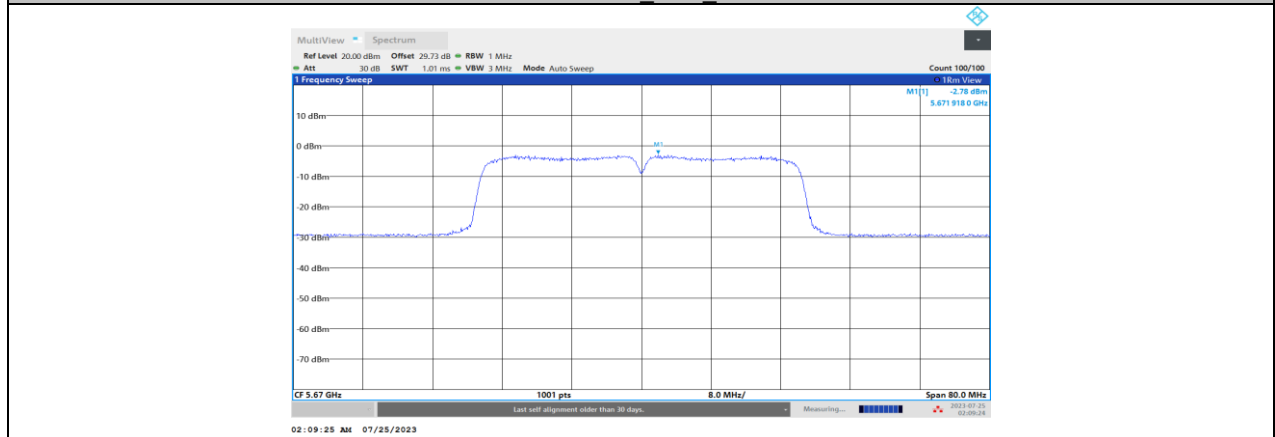
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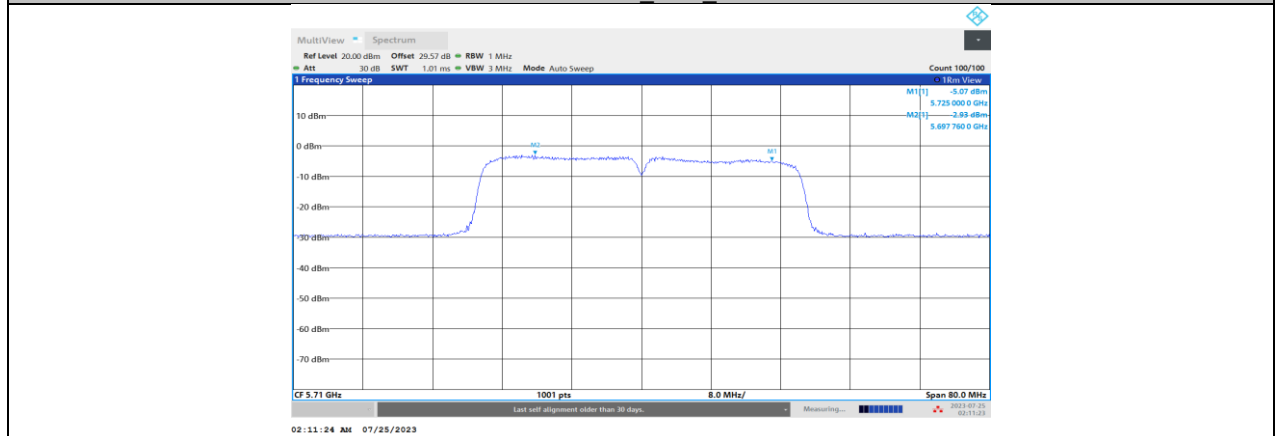
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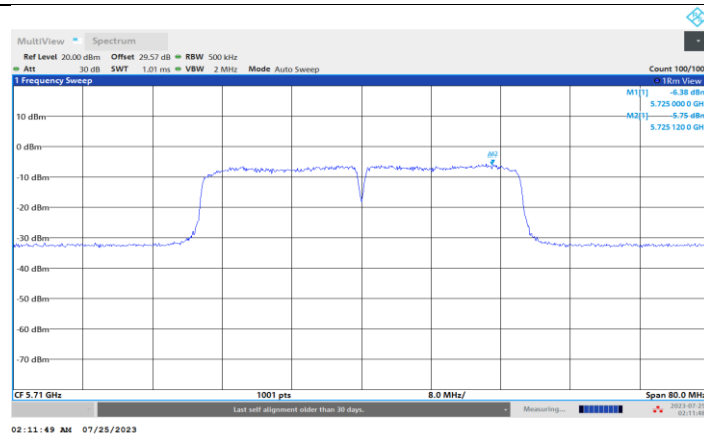
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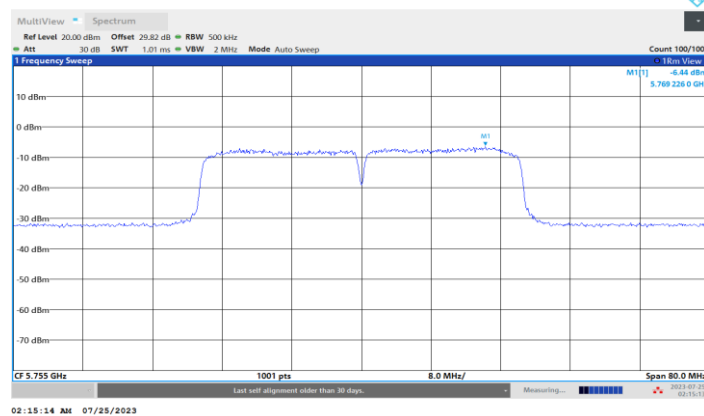
11N40SISO_Ant3_5670



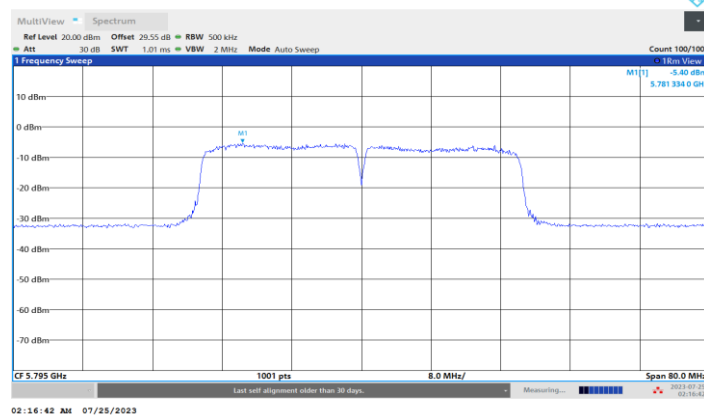
11N40SISO_Ant3_5710_UNII-2C



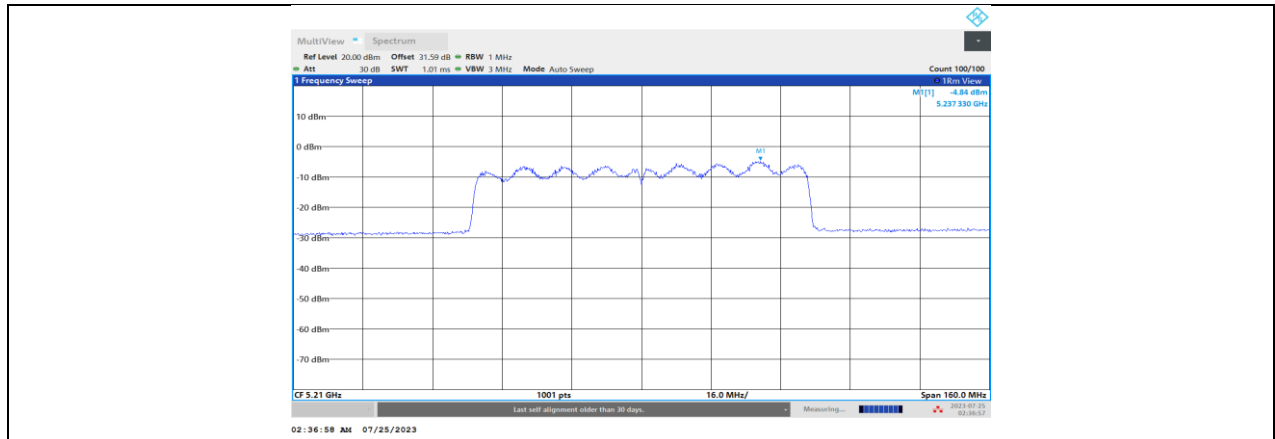
11N40SISO_Ant3_5710_UNII-3



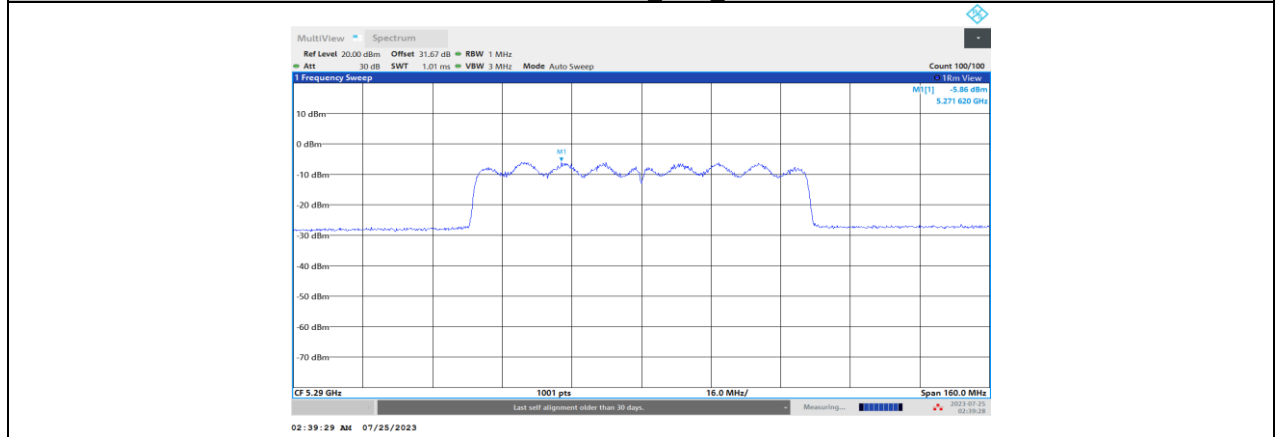
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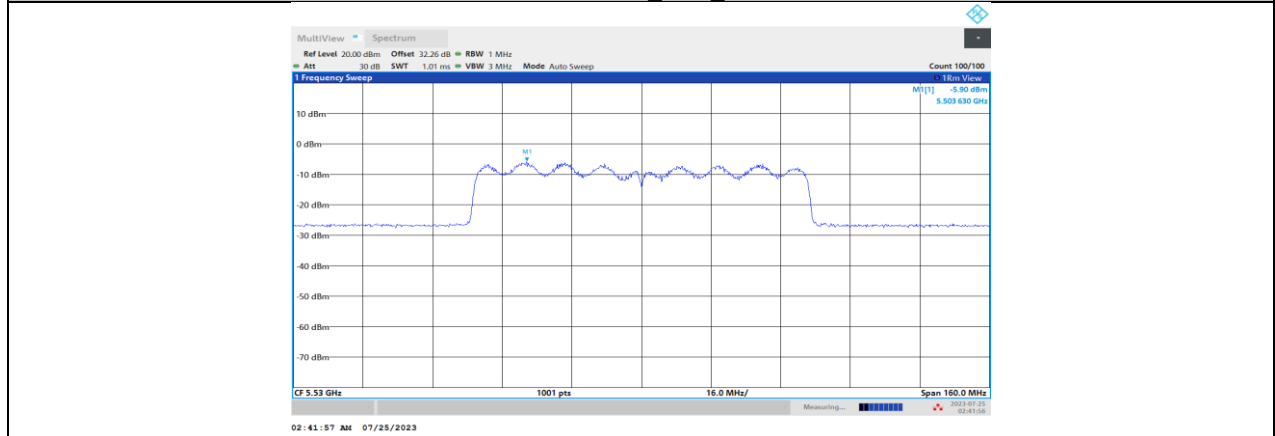
11N40SISO_Ant3_5795



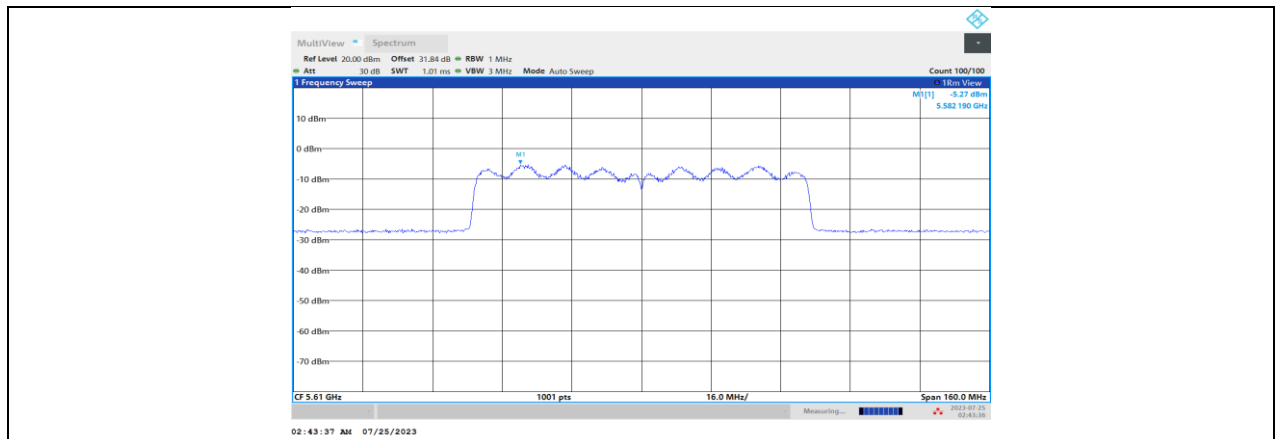
11AC80SiSO_Ant3_5210



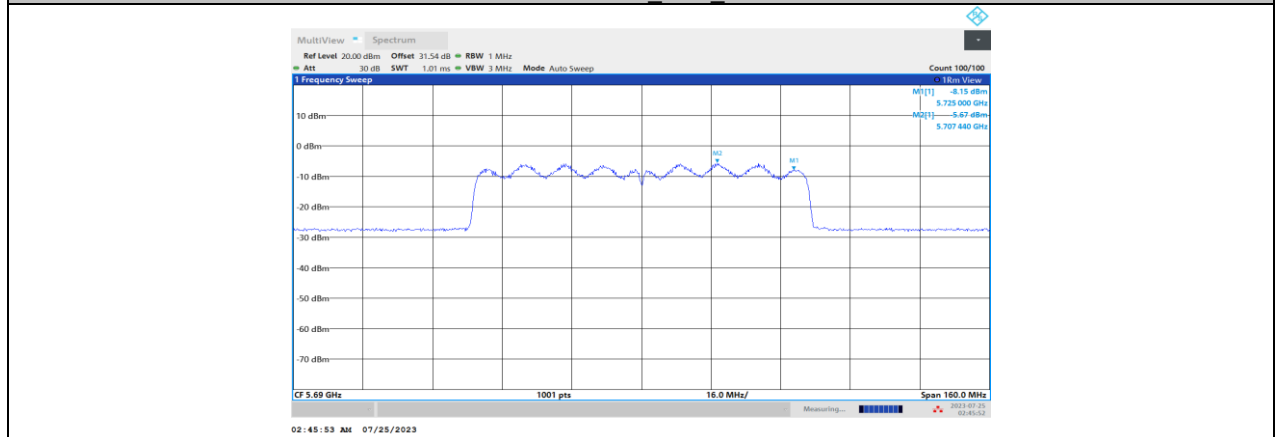
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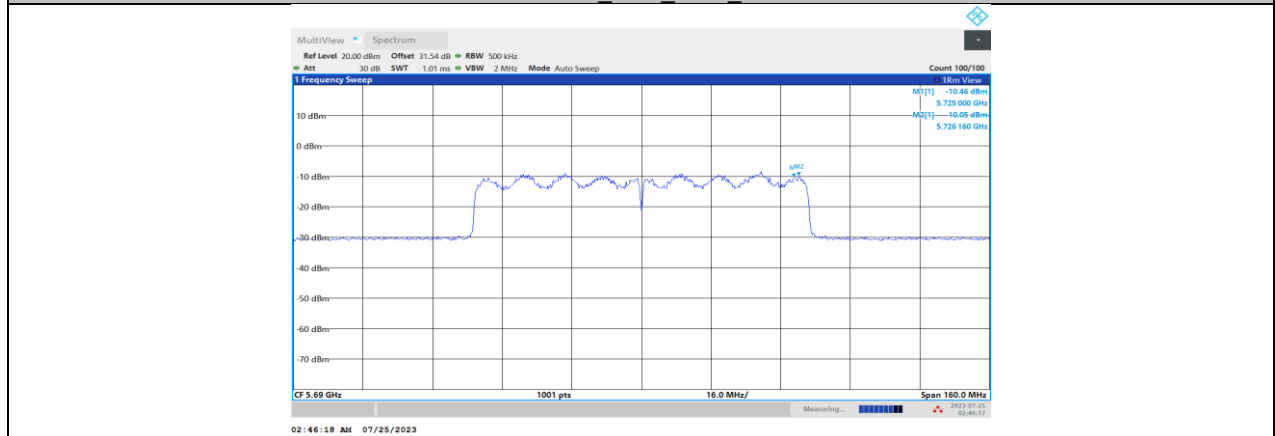
11AC80SiSO_Ant3_5530



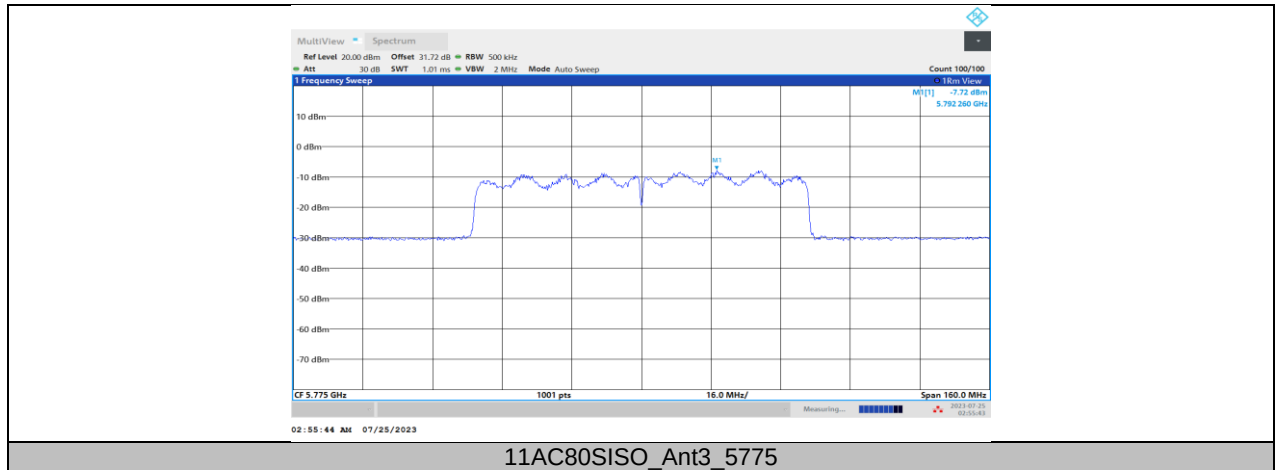
11AC80SISO_Ant3_5610



11AC80SISO_Ant3_5690_UNII-2C



11AC80SISO_Ant3_5690_UNII-3



11.6. APPENDIX D: FREQUENCY STABILITY

11.6.1. Test Result

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	5179.9871	-2.49	5179.9912	-1.70	5179.9958	-0.82	5179.9891	-2.11
TN	VN	5180.0053	1.03	5179.9836	-3.17	5179.9803	-3.80	5180.0225	4.35
TN	VH	5179.9955	-0.87	5179.9985	-0.29	5179.9776	-4.33	5180.0057	1.11
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)
40	VN	5179.9947	-1.03	5179.9876	-2.40	5180.0101	1.94	5179.9780	-4.24
30	VN	5180.0116	2.24	5179.9926	-1.43	5179.9812	-3.63	5180.0191	3.70
20	VN	5180.0050	0.96	5180.0183	3.53	5179.9975	-0.48	5179.9834	-3.21
10	VN	5179.9755	-4.74	5179.9769	-4.47	5180.0081	1.57	5180.0245	4.73
0	VN	5180.0125	2.41	5179.9768	-4.47	5179.9774	-4.36	5179.9939	-1.18

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	5824.9997	-0.06	5825.0024	0.41	5824.9814	-3.20	5824.9977	-0.39
TN	VN	5825.0040	0.68	5825.0187	3.21	5824.9862	-2.38	5825.0126	2.17
TN	VH	5825.0174	2.99	5825.0161	2.76	5824.9882	-2.03	5825.0205	3.52
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	5824.9889	-1.91	5825.0098	1.68	5825.0111	1.91	5825.0023	0.39
30	VN	5825.0011	0.20	5825.0244	4.18	5824.9848	-2.60	5825.0219	3.75
20	VN	5824.9890	-1.90	5824.9832	-2.88	5824.9997	-0.04	5825.0166	2.85
10	VN	5825.0067	1.15	5824.9921	-1.36	5824.9869	-2.26	5824.9908	-1.59
0	VN	5825.0212	3.64	5825.0104	1.78	5824.9818	-3.12	5824.9776	-3.84

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.

11.7. APPENDIX E: 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	1.36	2.36	0.5763	57.63	2.39	0.74	1
11N20SISO	1.27	2.27	0.5595	55.95	2.52	0.79	1
11N40SISO	0.63	1.63	0.3865	38.65	4.13	1.59	2
11AC80SISO	0.32	1.32	0.2424	24.24	6.15	3.13	4

Note:

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

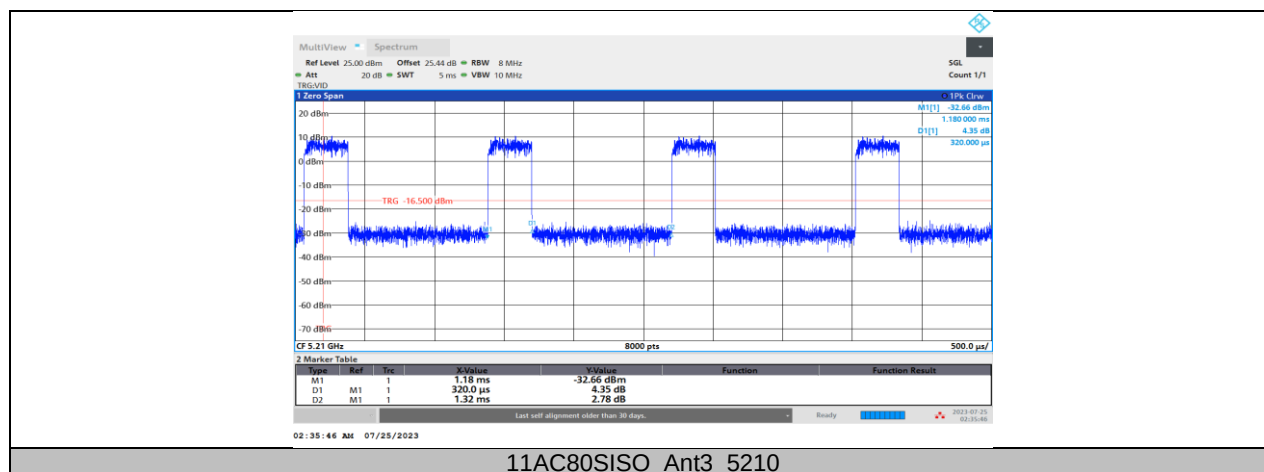
Where: x is Duty Cycle (Linear)

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





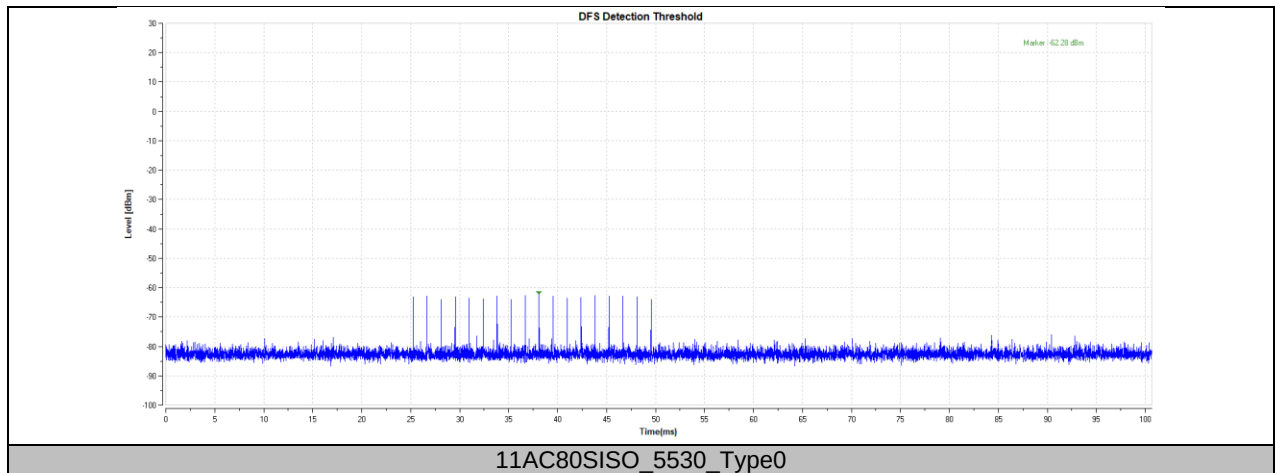
11.8. APPENDIX F: DFS DETECTION THRESHOLDS

11.8.1. Test Result

Test Mode	Channel	Radar Type	Result	Verdict
11AC80SISO	5530	Type0	-62.28	PASS

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

11.8.2. Test Graphs



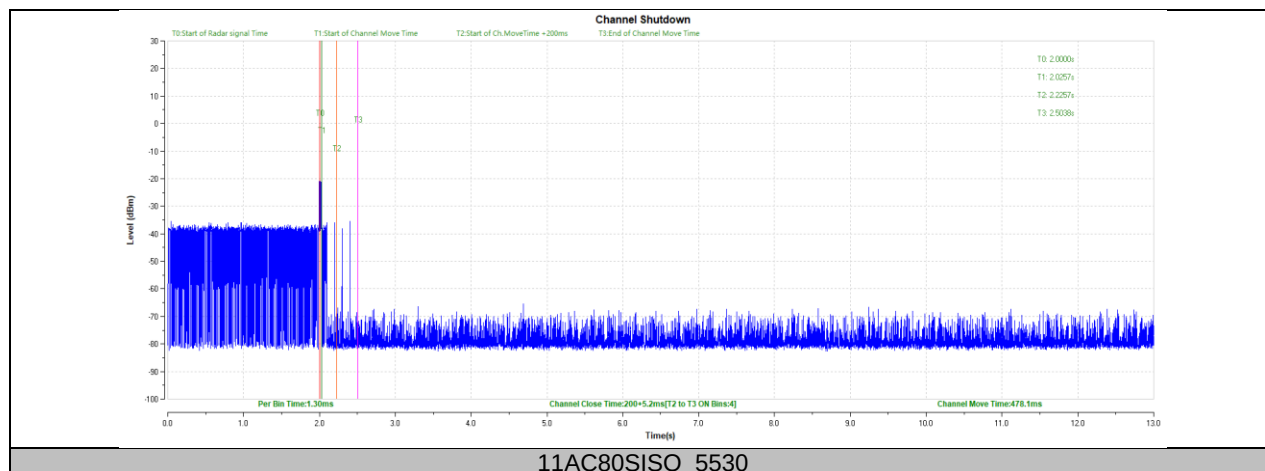
11.9. APPENDIX G: CHANNEL MOVE TIME AND CHANNEL CLOSING TRANSMISSION TIME

11.9.1. Test Result

Test Mode	Channel	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AC80SISO	5530	200+5.2	200+60	478.1	10000	PASS

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

11.9.2. Test Graphs



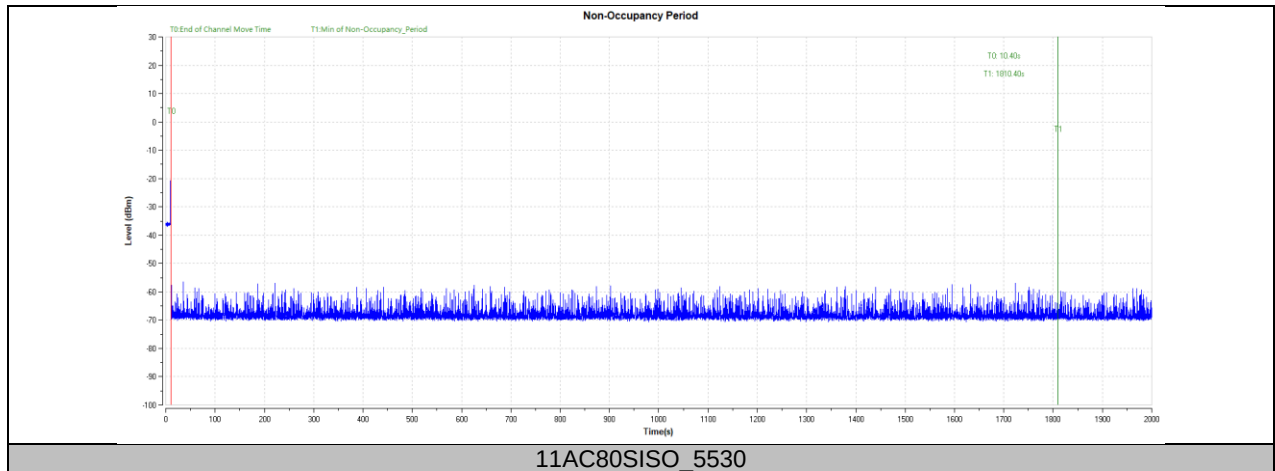
11.10. APPENDIX H: NON-OCCUPANCY PERIOD

Test Result

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

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

11.10.1. Test Graphs



END OF REPORT