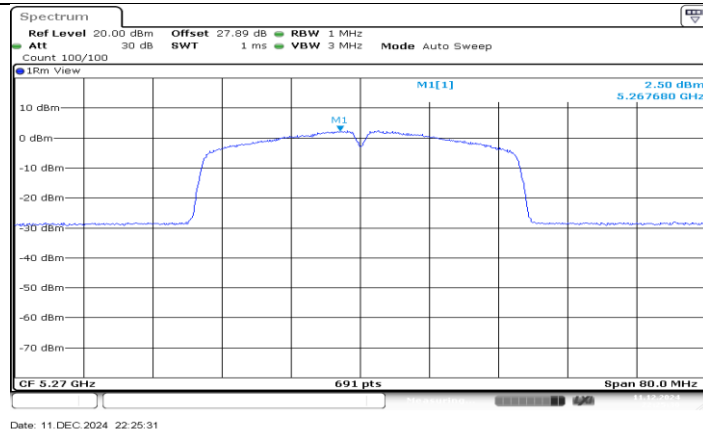
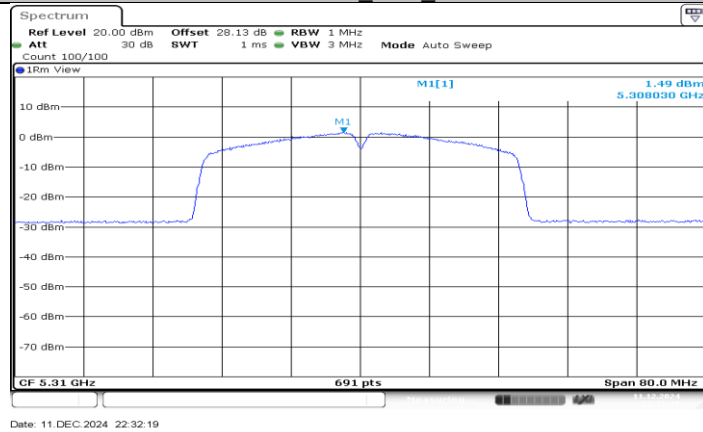
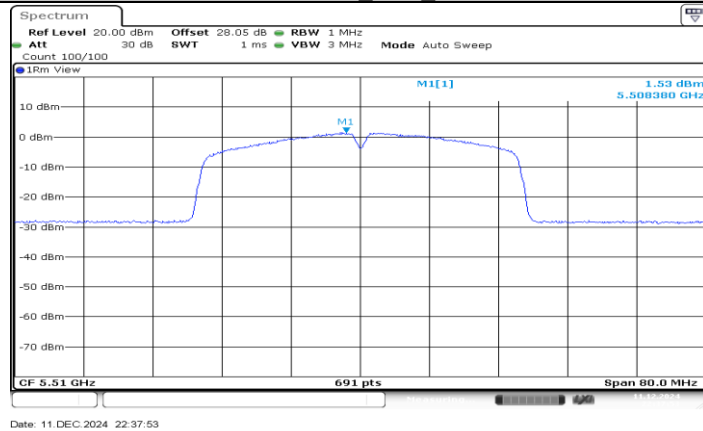




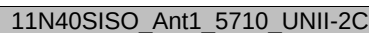
11N40SISO_Ant1_5270

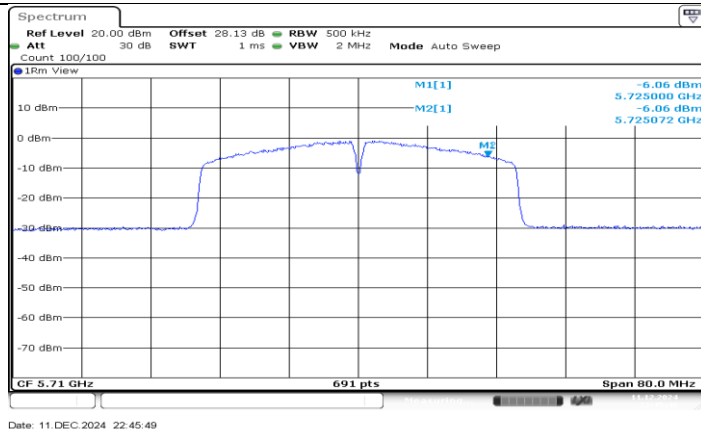


11N40SISO_Ant1_5310

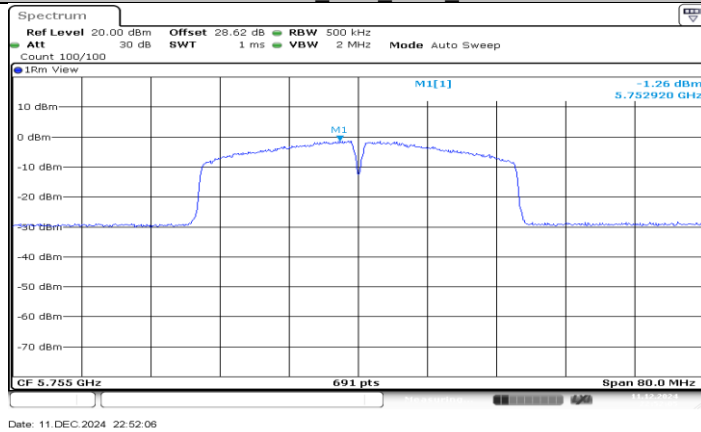


11N40SISO_Ant1_5510

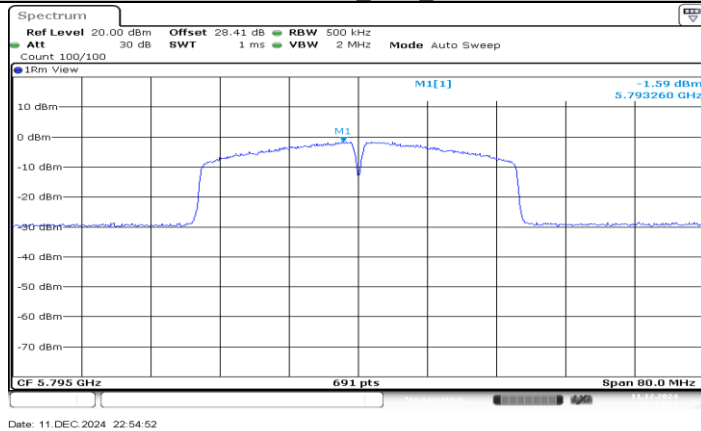




11N40SISO_Ant1_5710_UNII-3



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795

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	5199.9846	-2.96	5199.9936	-1.23	5199.9956	-0.84	5200.0139	2.67
TN	VN	5199.9941	-1.13	5199.9850	-2.88	5199.9883	-2.26	5200.0085	1.63
TN	VH	5199.9888	-2.16	5200.0106	2.04	5199.9878	-2.35	5200.0196	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	5199.9985	-0.29	5200.0116	2.23	5200.0182	3.50	5199.9806	-3.74
60	VN	5200.0225	4.33	5199.9821	-3.45	5200.0195	3.75	5199.9762	-4.57
50	VN	5200.0177	3.40	5199.9992	-0.16	5199.9778	-4.26	5200.0200	3.85
40	VN	5199.9836	-3.16	5200.0055	1.06	5200.0176	3.38	5199.9769	-4.45
30	VN	5200.0110	2.12	5199.9929	-1.36	5199.9812	-3.61	5199.9864	-2.61
20	VN	5199.9841	-3.05	5199.9767	-4.48	5200.0232	4.47	5200.0008	0.15
10	VN	5200.0231	4.44	5200.0010	0.20	5199.9968	-0.61	5200.0149	2.87
0	VN	5199.9825	-3.37	5199.9870	-2.50	5200.0072	1.39	5200.0095	1.83

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 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	1.35	1.85	0.7297	72.97	1.37	0.74	1
11N20SISO	1.27	1.77	0.7175	71.75	1.44	0.79	1
11N40SISO	0.63	1.13	0.5575	55.75	2.54	1.59	2

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.

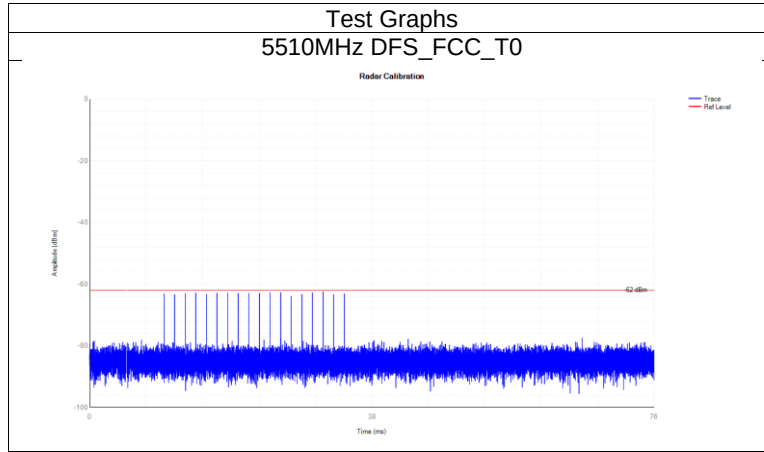
11.7.2. Test Graphs



11.8. APPENDIX H: DFS

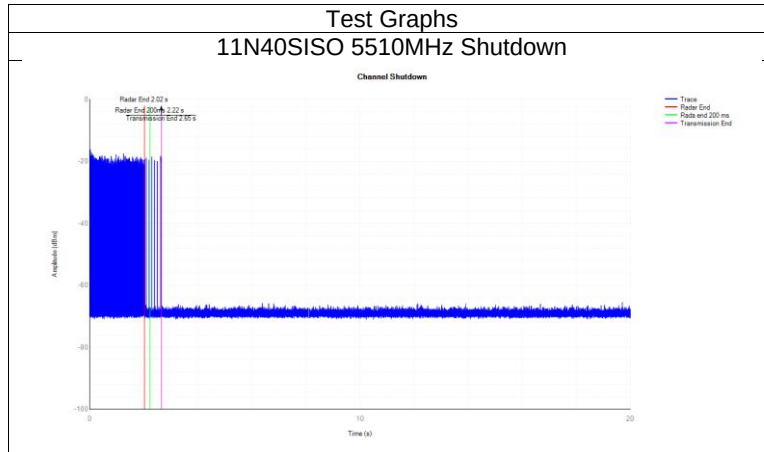
11.8.1. Calibration

Mode	Frequency (MHz)	Type	Result	Verdict
11N40SISO	5510	DFS_FCC_T0	See test Graph	Pass



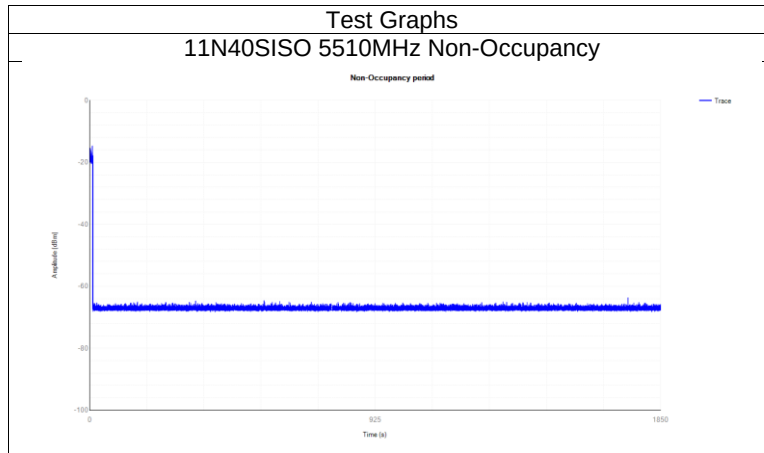
11.8.2. Shutdown Time

Mode	Frequenc y (MHz)	Channe l Move Time (s)	Limit Channe l Move Time (s)	Close Transmissio n Time (s)	Limit Close Transmissio n Time (s)	Close Transmissio n Time after 200ms(s)	Limit Close Transmissio n Time after 200ms (s)	Verdic t
11N40SISO	5510	0.621	10	0.031	0.26	0.026	0.06	Pass



11.8.3. Non-Occupancy

Mode	Frequency (MHz)	Result	Verdict
11N40SISO	5510	See test Graph	Pass



END OF REPORT