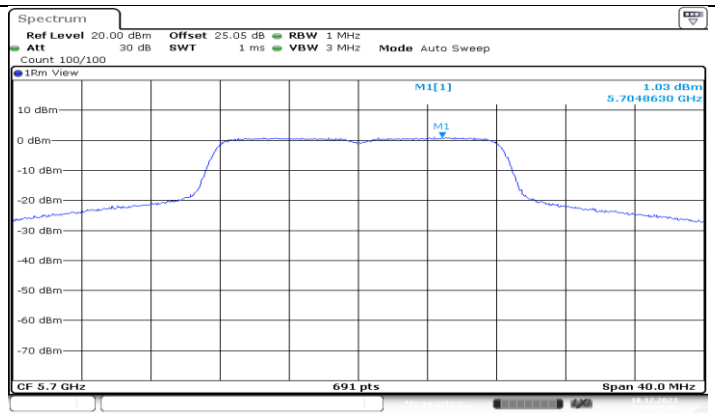

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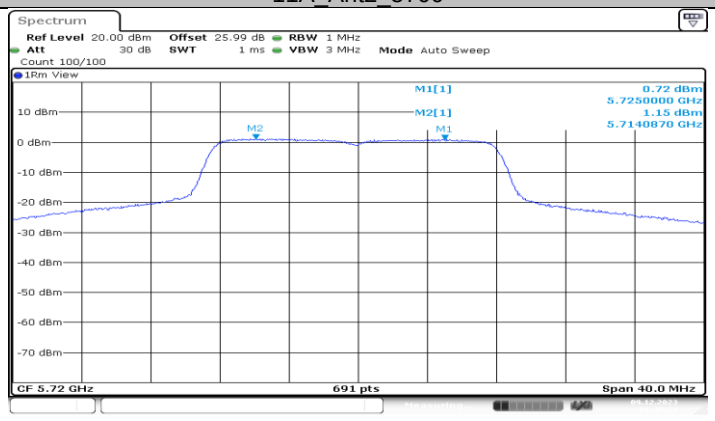

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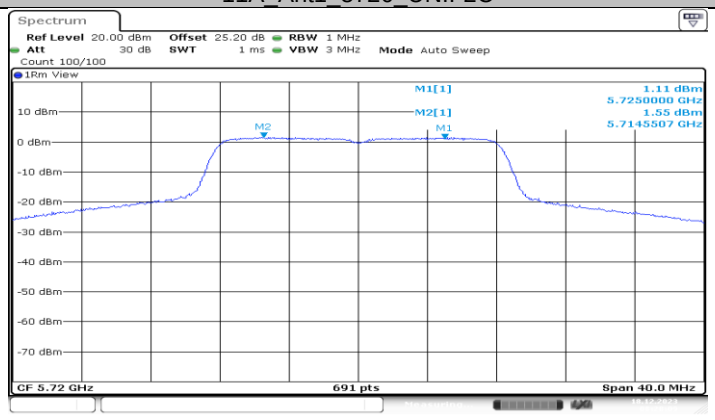

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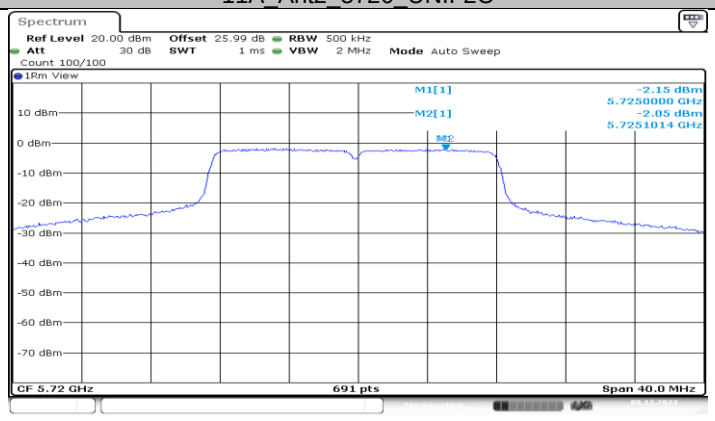

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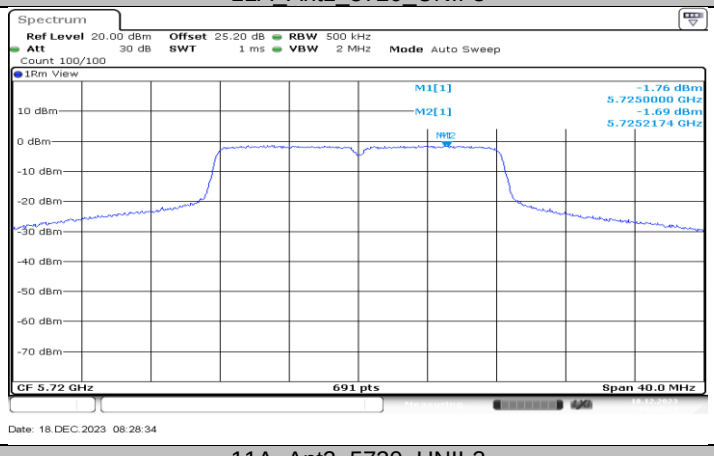
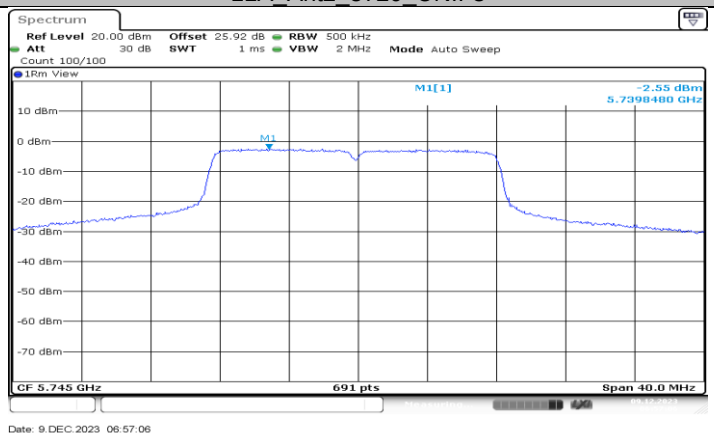


11A_Ant2_5720_UNII-3



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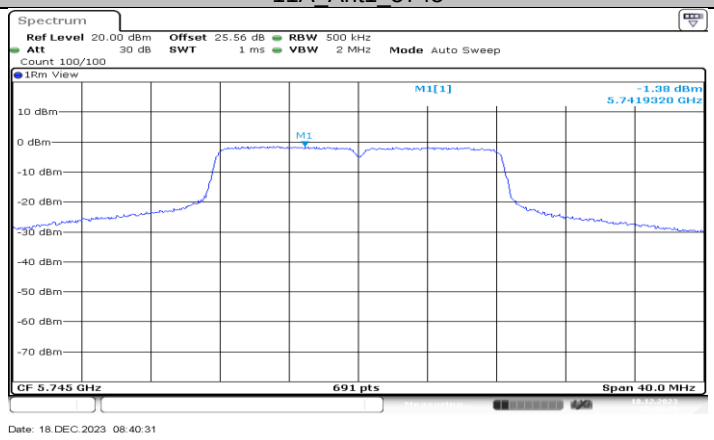

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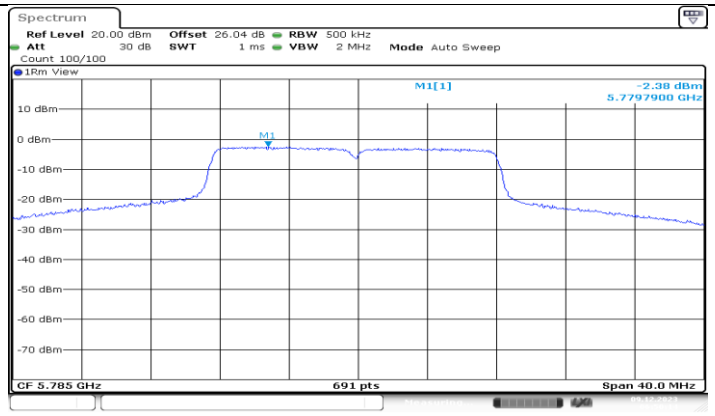

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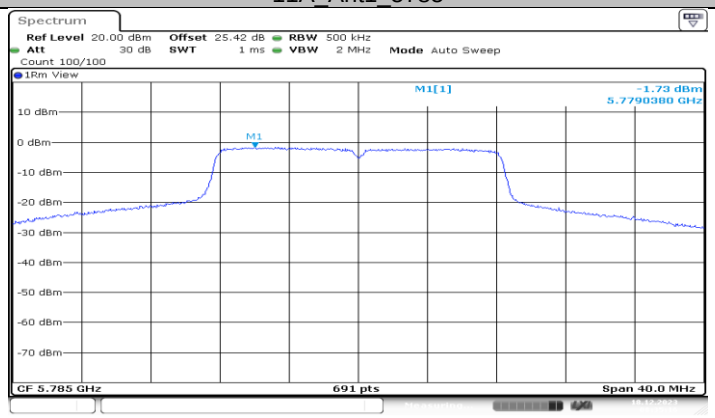

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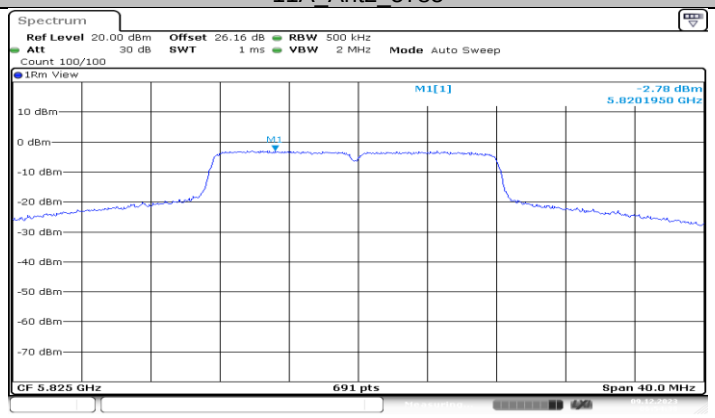

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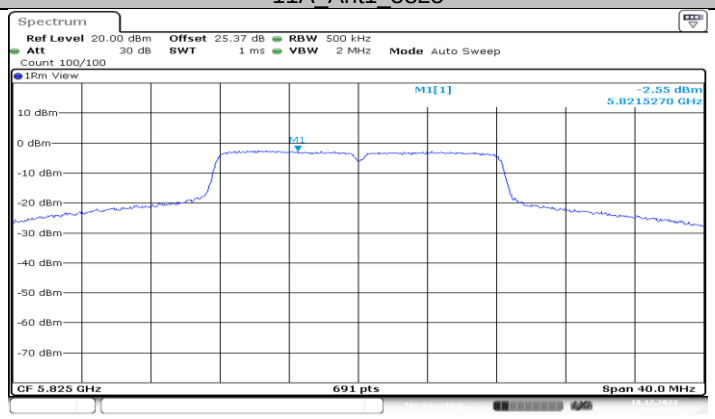

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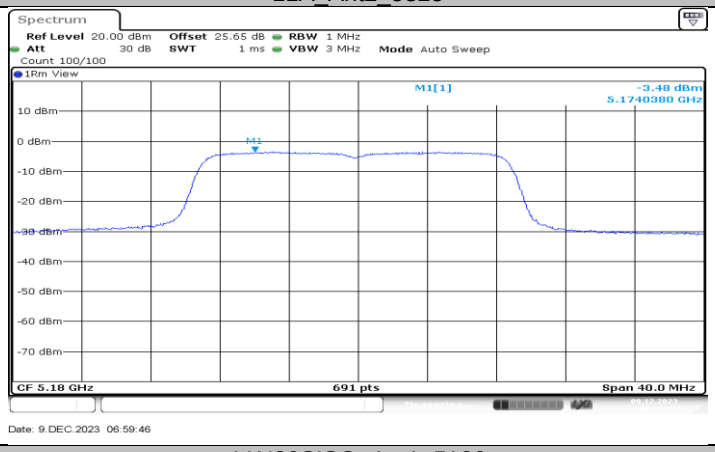

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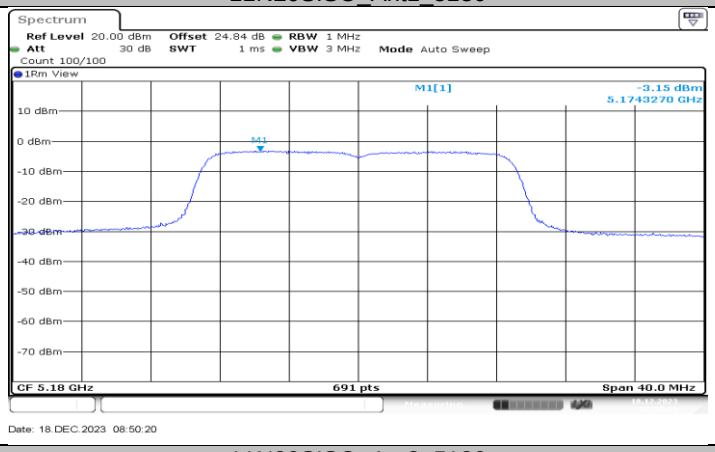

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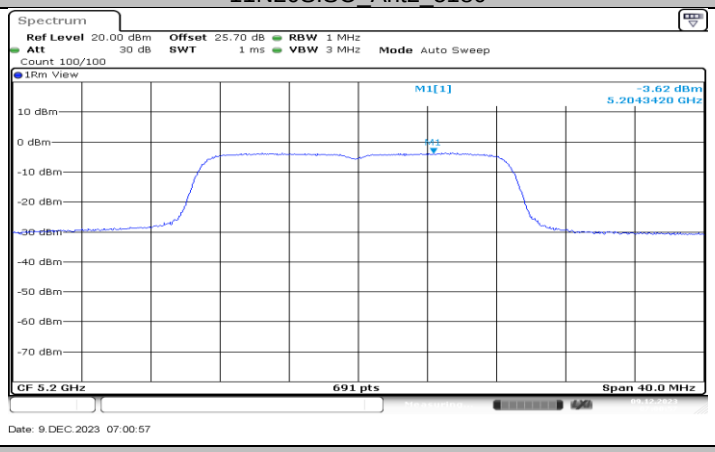

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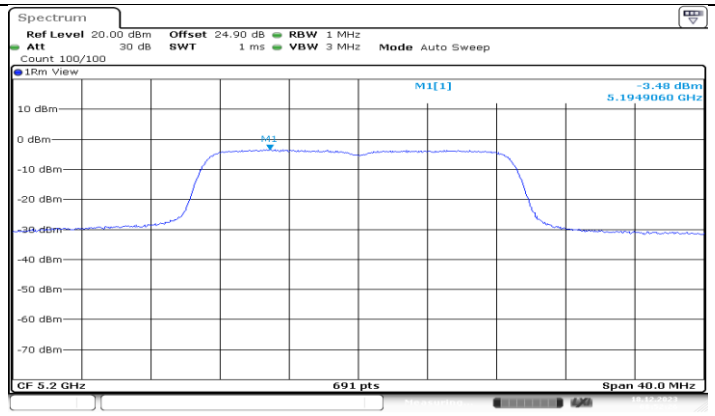

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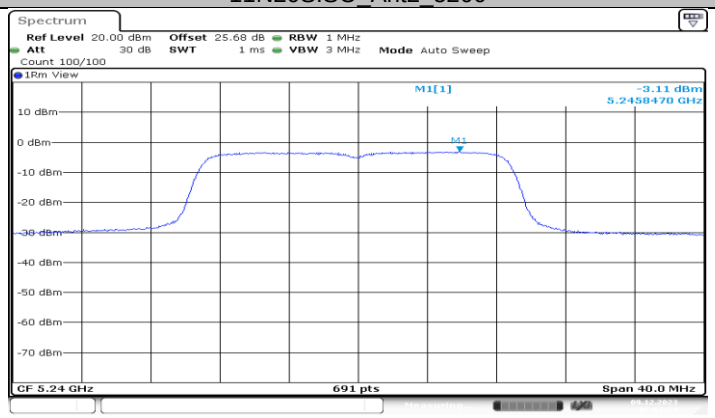

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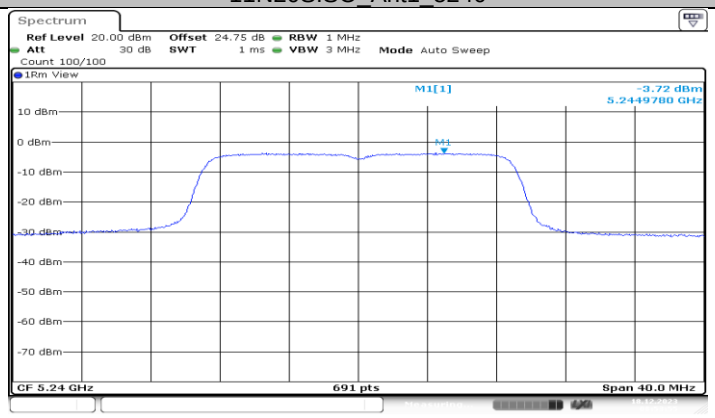

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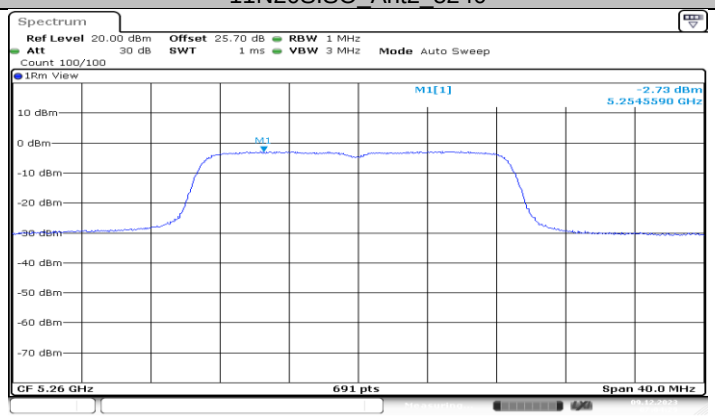

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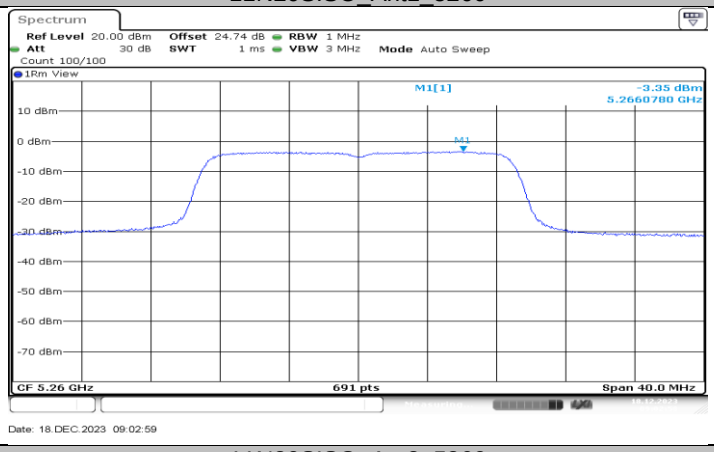
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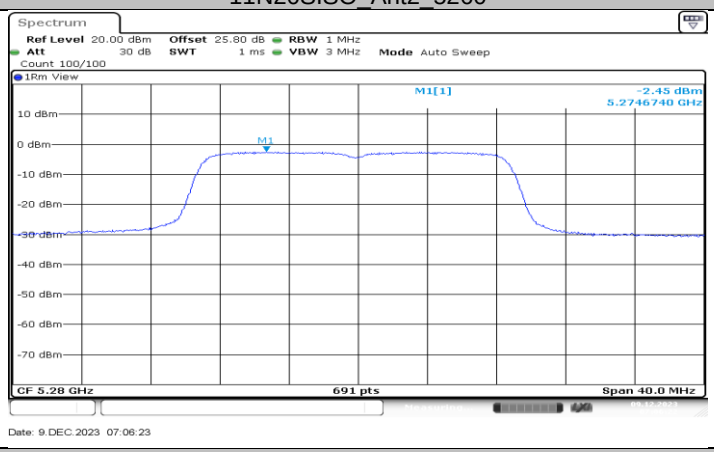
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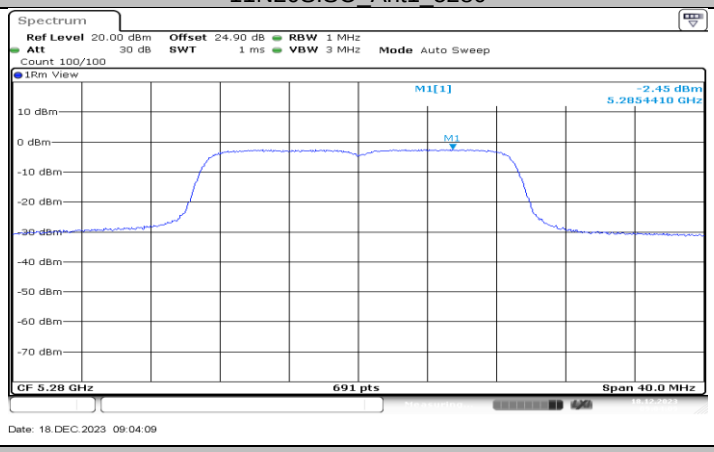
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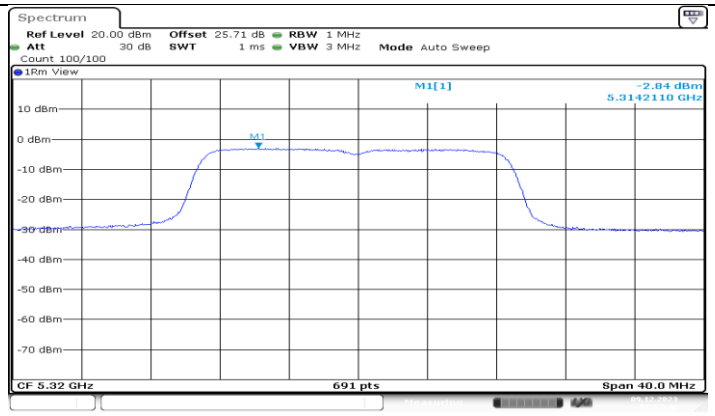

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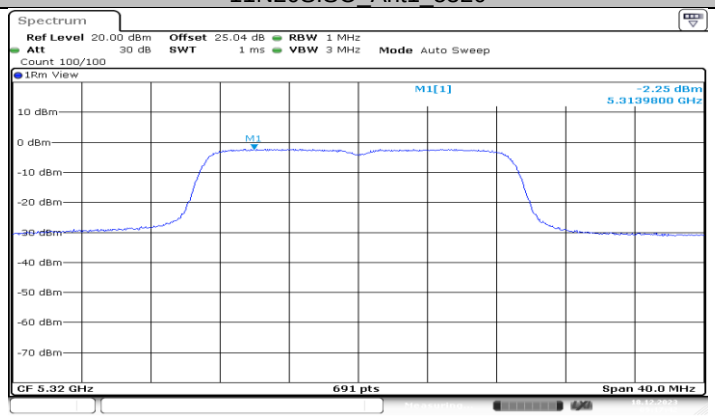

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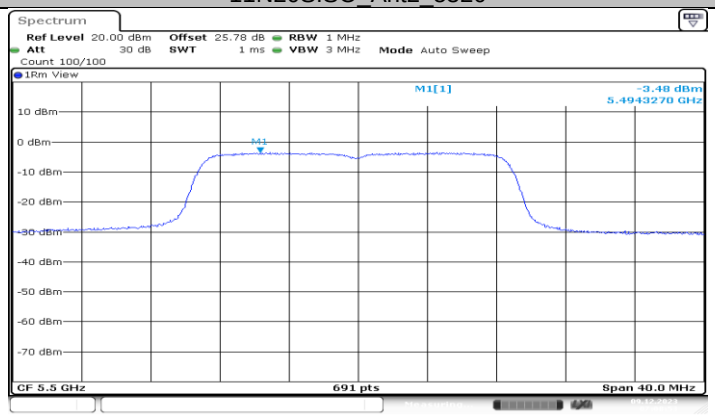

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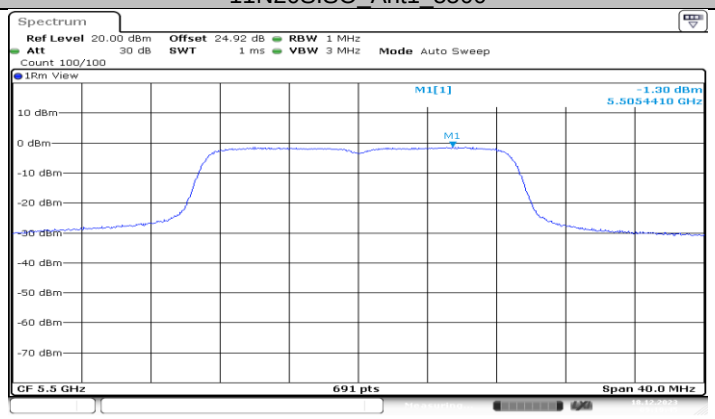

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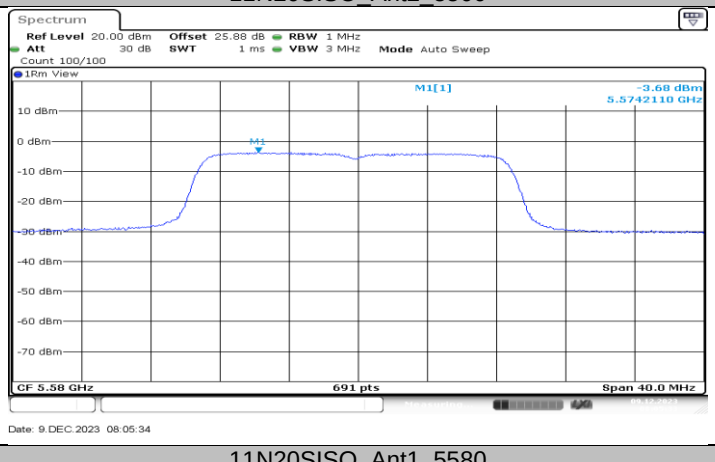
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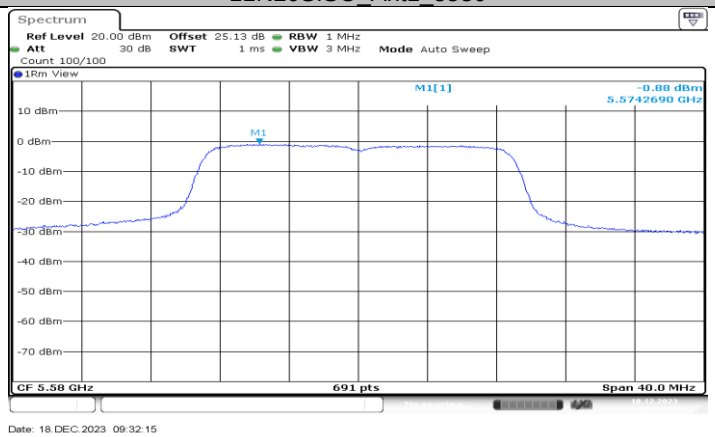
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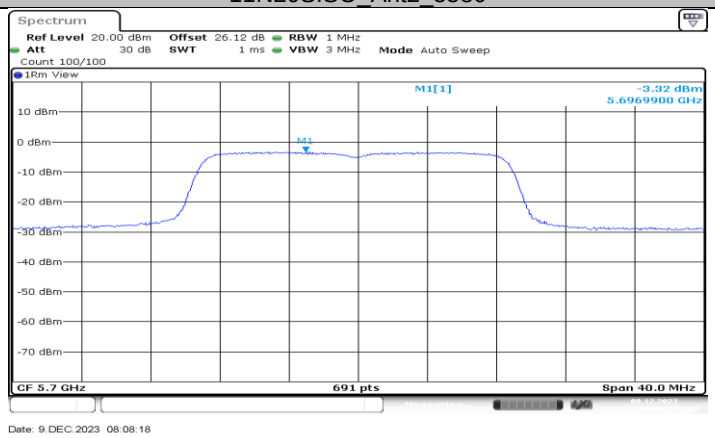
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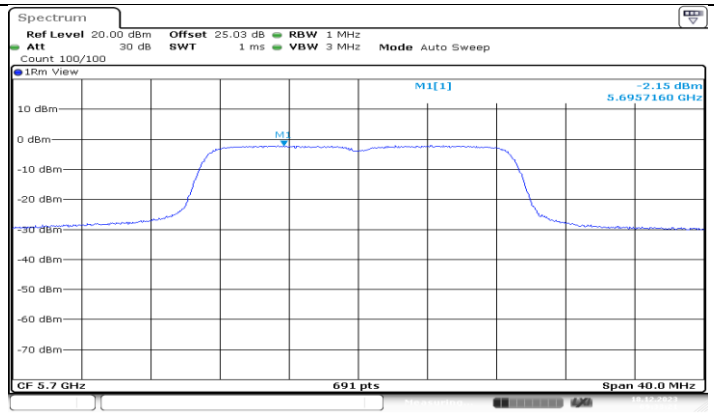

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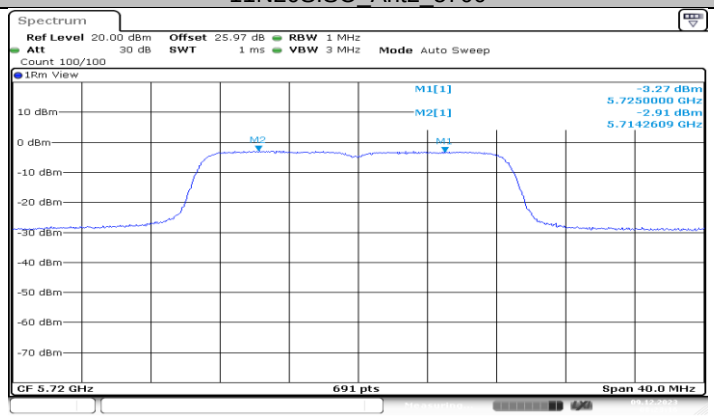

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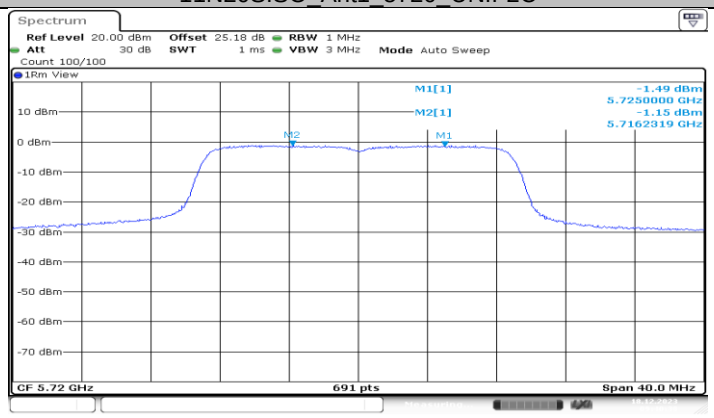

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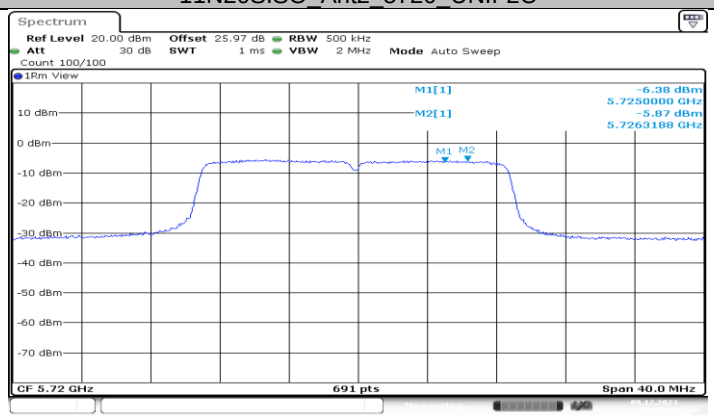

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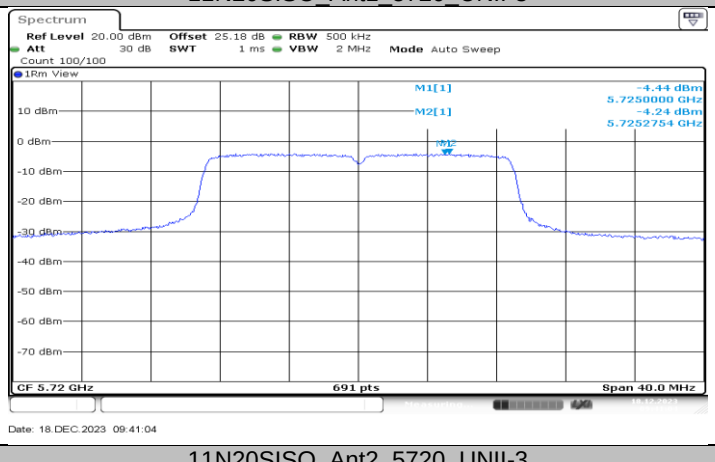
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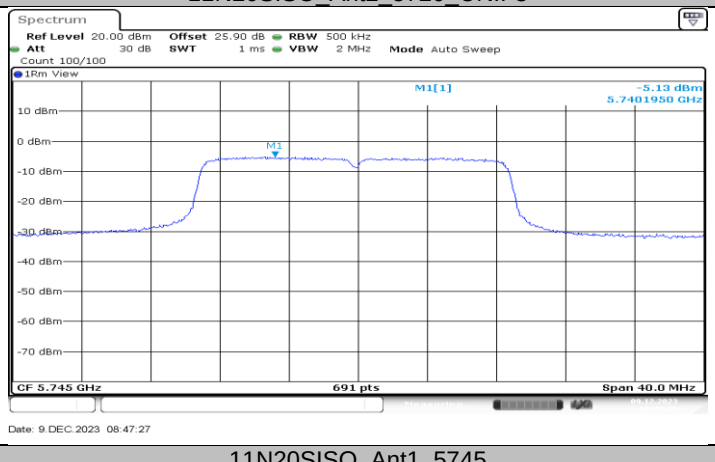
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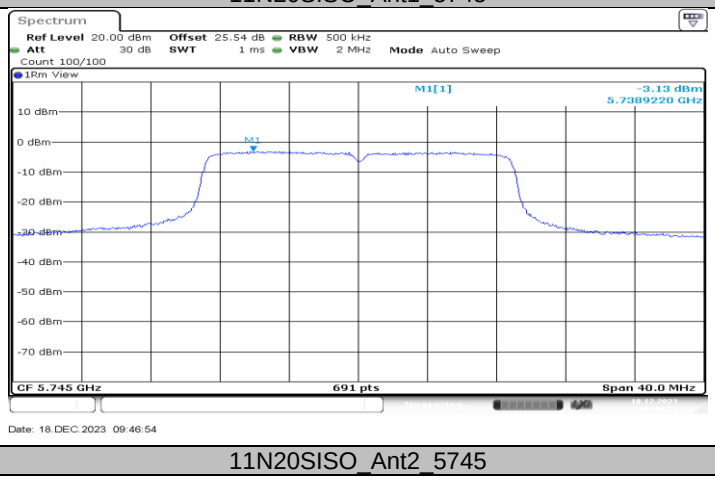
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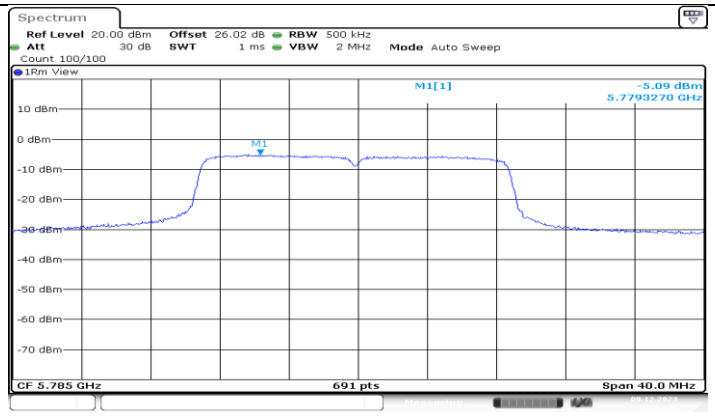

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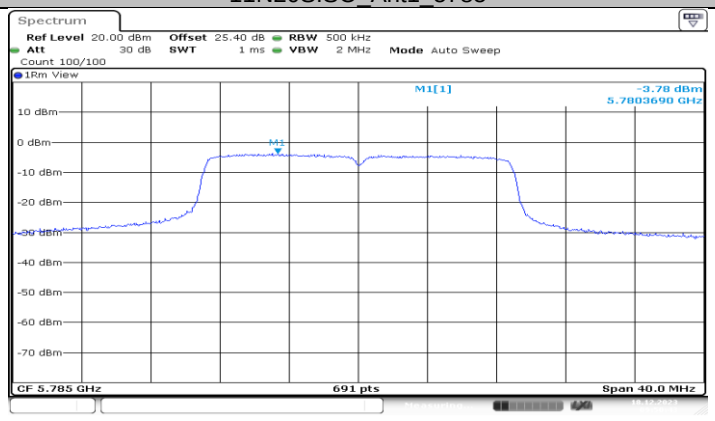
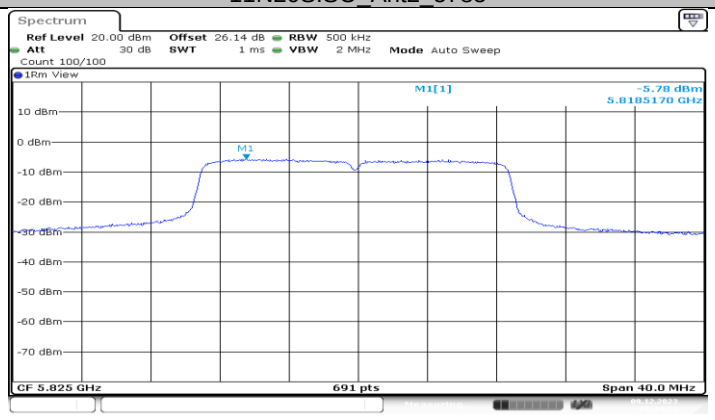
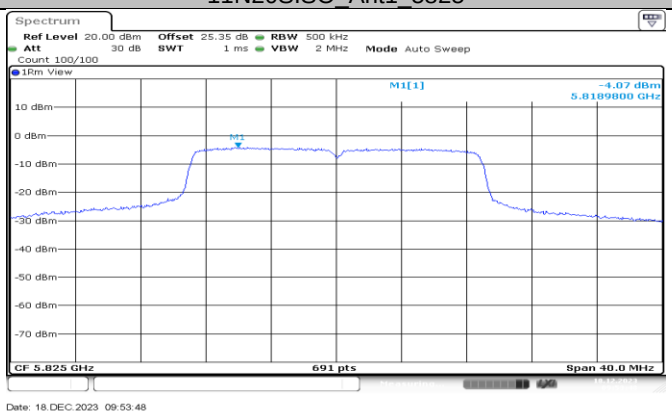


11N20SISO_Ant2_5785



11N20SISO_Ant1_5825



11N20SISO_Ant2_5825

11.6. APPENDIX G: 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	5179.9786	-4.13	5180.0200	3.87	5179.9924	-1.47	5180.0189	3.64
TN	VN	5179.9758	-4.66	5179.9938	-1.20	5180.0182	3.51	5180.0138	2.66
TN	VH	5180.0235	4.55	5180.0144	2.78	5180.0201	3.89	5179.9760	-4.64
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	5180.0245	4.73	5179.9892	-2.09	5180.0043	0.83	5179.9873	-2.45
30	VN	5179.9925	-1.44	5179.9975	-0.48	5180.0114	2.20	5179.9953	-0.91
20	VN	5179.9898	-1.97	5180.0068	1.31	5180.0081	1.56	5179.9776	-4.33
10	VN	5180.0211	4.06	5180.0080	1.55	5180.0130	2.51	5180.0249	4.81
0	VN	5180.0039	0.76	5179.9926	-1.44	5180.0032	0.62	5179.9850	-2.90
-10	VN	5179.9870	-2.50	5180.0190	3.66	5179.9821	-3.46	5180.0038	0.73

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	5825.0006	0.10	5824.9776	-3.84	5825.0001	0.01	5824.9942	-1.00
TN	VN	5825.0150	2.57	5824.9958	-0.72	5824.9965	-0.59	5824.9836	-2.82
TN	VH	5824.9790	-3.61	5824.9959	-0.71	5825.0028	0.48	5825.0208	3.57
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	5825.0222	3.81	5825.0193	3.31	5824.9896	-1.79	5824.9828	-2.95
30	VN	5824.9807	-3.31	5825.0169	2.91	5825.0117	2.00	5825.0127	2.18
20	VN	5825.0005	0.08	5825.0018	0.30	5824.9997	-0.05	5824.9752	-4.26
10	VN	5825.0022	0.38	5825.0026	0.45	5825.0154	2.64	5825.0121	2.07
0	VN	5825.0192	3.30	5824.9979	-0.35	5824.9774	-3.88	5824.9951	-0.84
-10	VN	5825.0035	0.61	5825.0101	1.74	5825.0162	2.79	5825.0077	1.31

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.

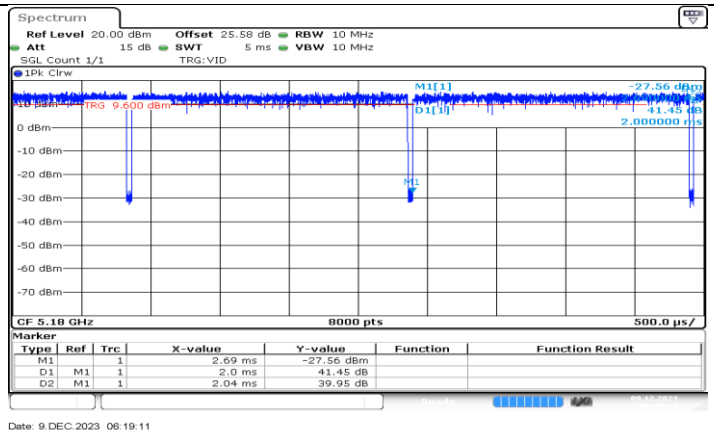
11.7. APPENDIX H: DUTY CYCLE

11.7.1. Test Result

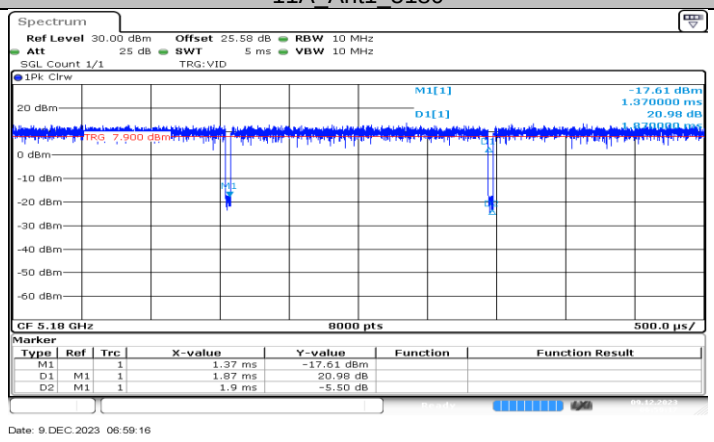
Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A	2	2.04	0.9804	98.04	0.09	0.50	0.01
11N20SISO	1.87	1.9	0.9842	98.42	0.07	0.53	0.01

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



11A_Ant1_5180



11N20SISO_Ant1_5180

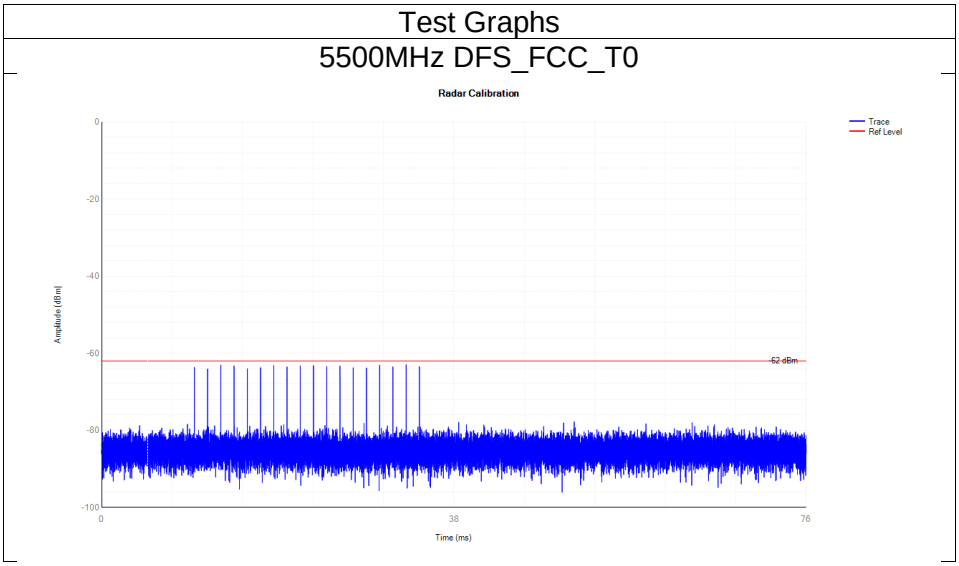
11.1. APPENDIX I: DYNAMIC FREQUENCY SELECTION (SLAVE)

11.1.1. Calibration

Mode	Frequency (MHz)	Type	Result	Verdict
N20	5500	DFS_FCC_T0	See test Graph	Pass

Test Graphs

5500MHz DFS_FCC_T0

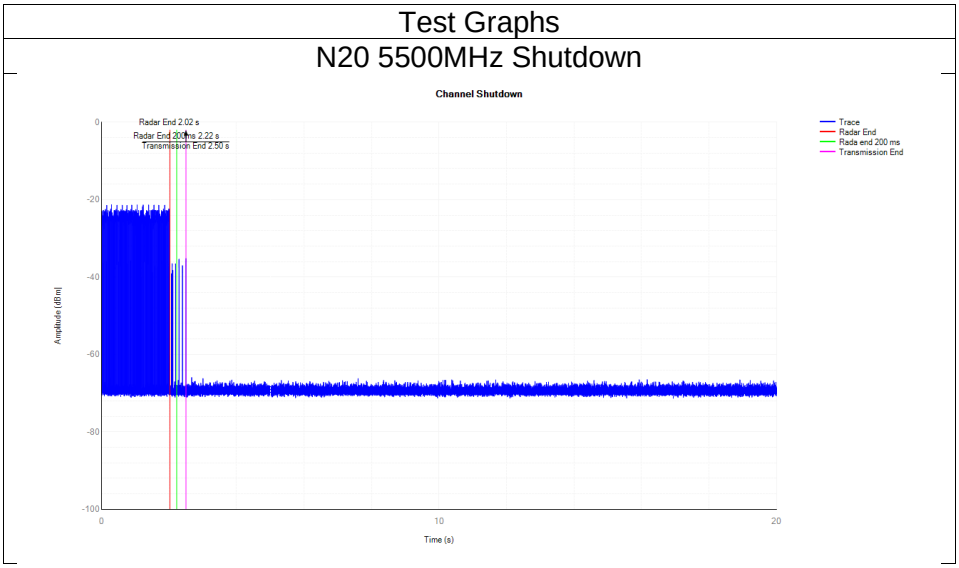


11.1.2. Shutdown Time

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)	Verdict
N20	5500	0.475	10	0.012	0.26	0.006	Pass

Test Graphs

N20 5500MHz Shutdown

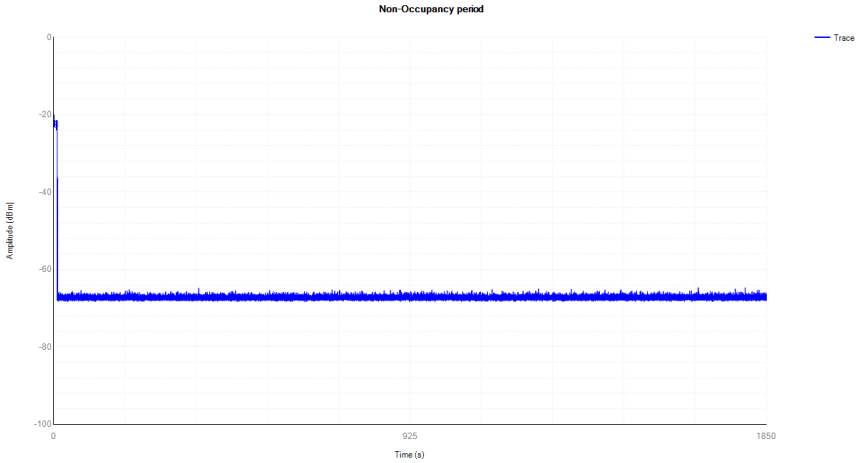


11.1.3. Non-Occupancy

Mode	Frequency (MHz)	Result	Verdict
N20	5500	See test Graph	Pass

Test Graphs

N20 5500MHz Non-Occupancy



END OF REPORT