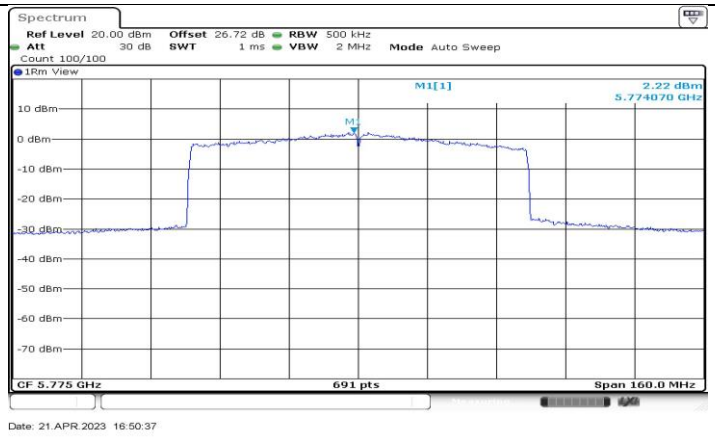

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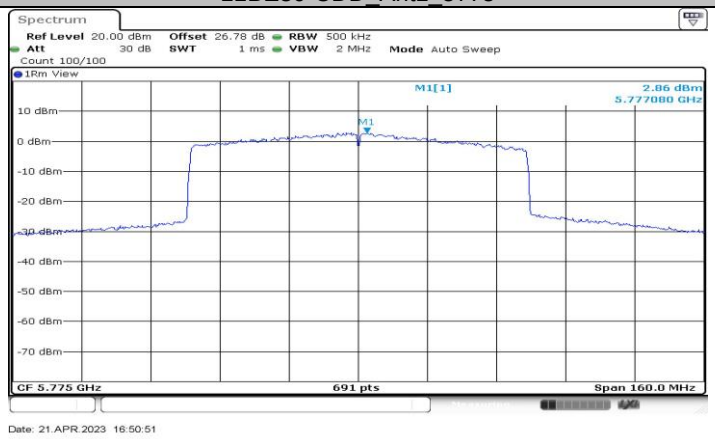

11BE80-CDD_Ant2_5775

11BE80-CDD_Ant3_5775

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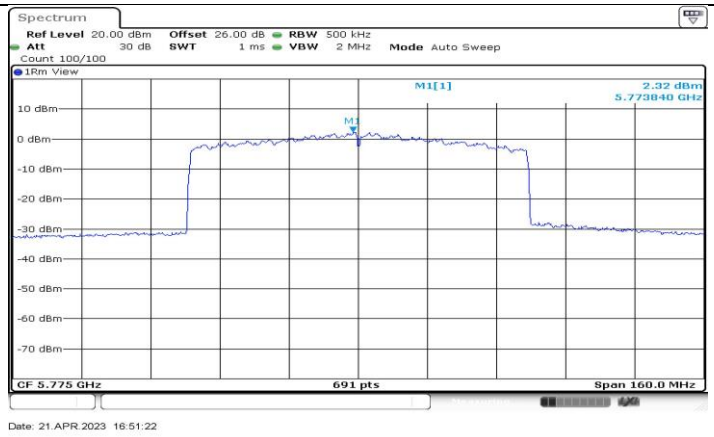

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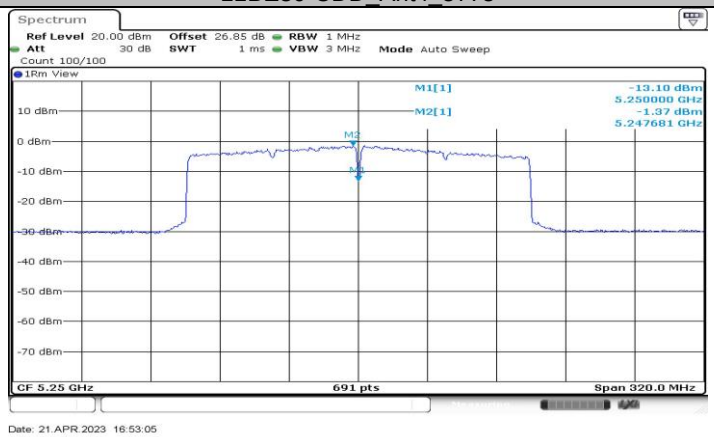
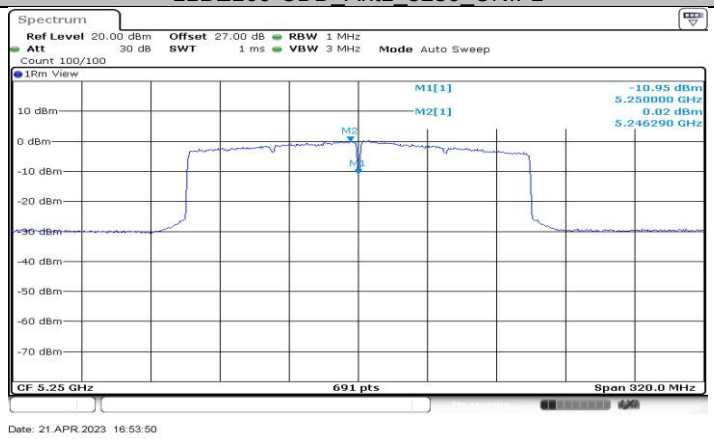


11BE160-CDD_Ant1_5250_UNII-1



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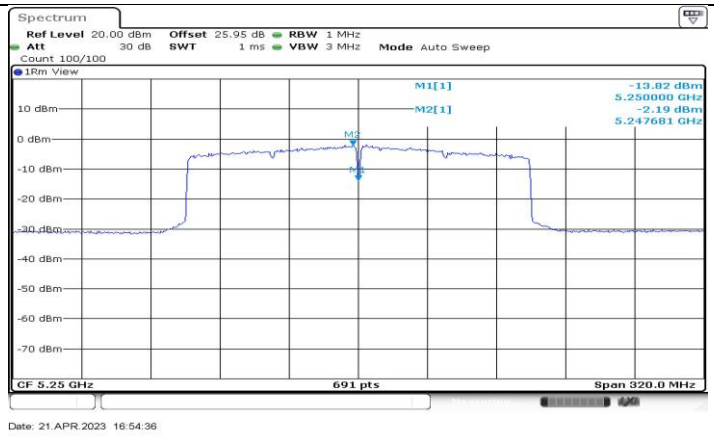

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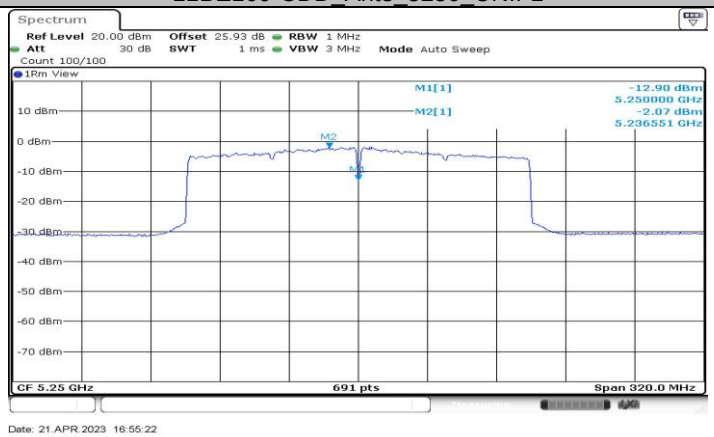

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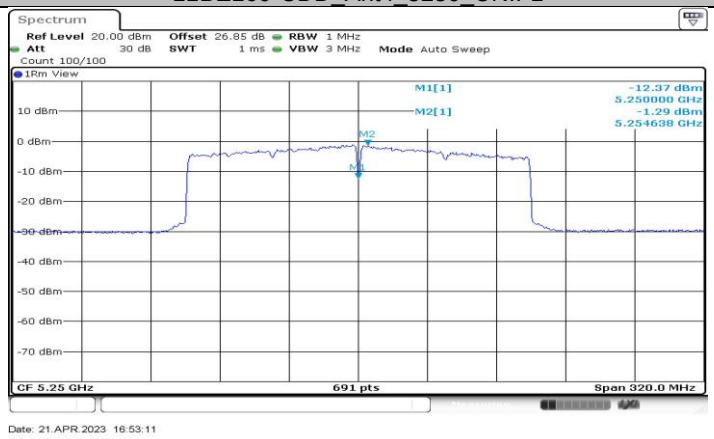

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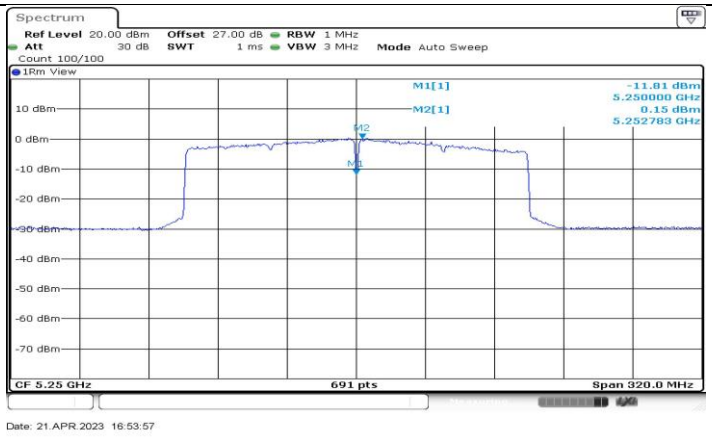

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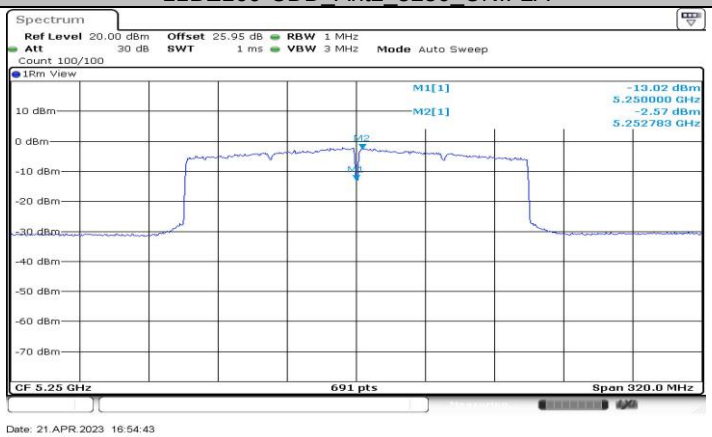

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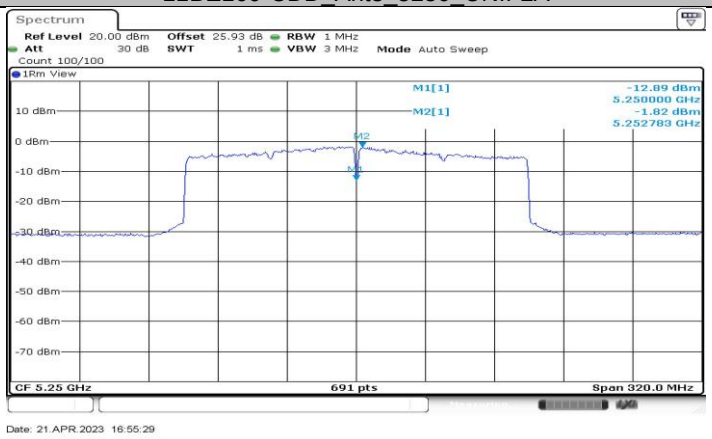

11BE160-CDD_Ant4_5250_UNII-2A

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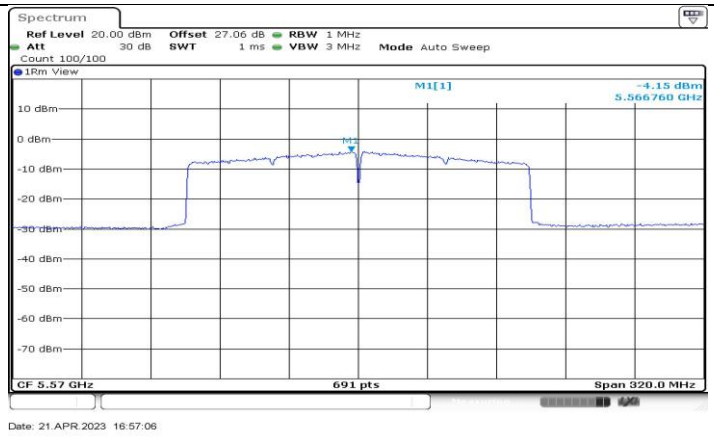
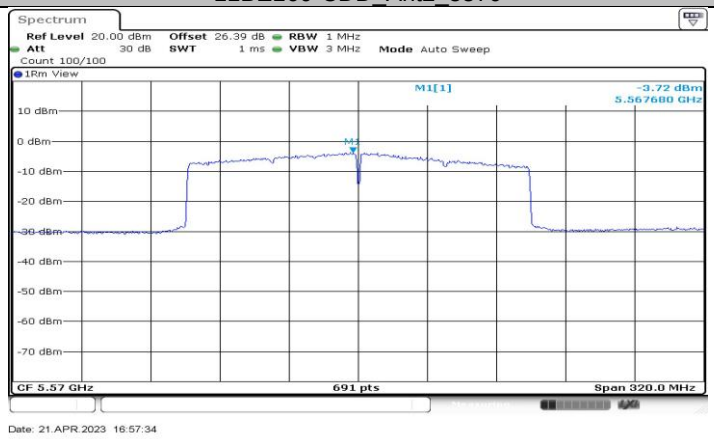


11BE160-CDD_Ant1_5570

11BE160-CDD_Ant2_5570



11BE160-CDD_Ant3_5570

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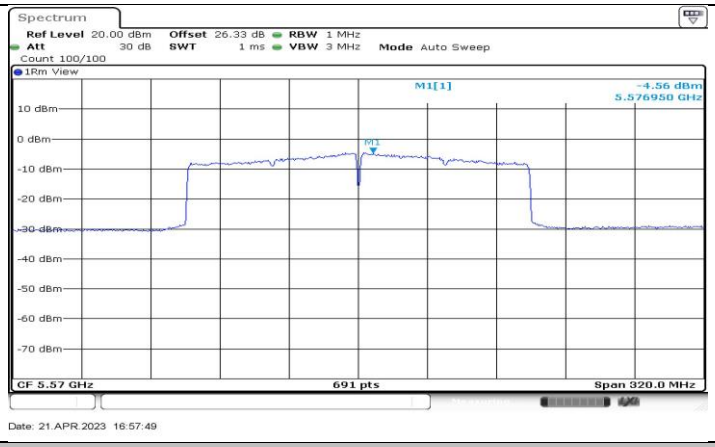

11BE160-CDD_Ant4_5570

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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	5199.9801	-3.83	5200.0065	1.26	5199.9910	-1.73	5199.9846	-2.97
TN	VN	5200.0189	3.64	5200.0246	4.72	5199.9825	-3.37	5200.0053	1.03
TN	VH	5200.0198	3.80	5200.0195	3.75	5199.9924	-1.45	5199.9814	-3.58

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)
40	VN	5199.9886	-2.19	5199.9969	-0.59	5200.0169	3.26	5199.9852	-2.85
30	VN	5200.0126	2.42	5199.9953	-0.91	5199.9894	-2.04	5200.0205	3.95
20	VN	5200.0060	1.16	5199.9802	-3.81	5199.9970	-0.58	5199.9843	-3.01
10	VN	5200.0149	2.86	5200.0161	3.09	5200.0108	2.07	5199.9786	-4.11
0	VN	5199.9836	-3.15	5200.0028	0.54	5199.9980	-0.38	5199.9993	-0.13

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.

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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-CDD	1.38	1.44	0.9583	95.83	0.18	0.72	1
11AX20-CDD	1.01	1.07	0.9439	94.39	0.25	0.99	1
11AX40-CDD	0.54	0.60	0.9000	90.00	0.46	1.85	2
11AX80-CDD	0.29	0.35	0.8286	82.86	0.82	3.45	4
11AX160-CDD	0.17	0.23	0.7391	73.91	1.31	5.88	6
11BE20-CDD	1.03	1.09	0.9450	94.50	0.25	0.97	1
11BE40-CDD	0.55	0.61	0.9016	90.16	0.45	1.82	2
11BE80-CDD	0.30	0.36	0.8333	83.33	0.79	3.33	4
11BE160-CDD	0.18	0.24	0.7500	75.00	1.25	5.56	6

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.

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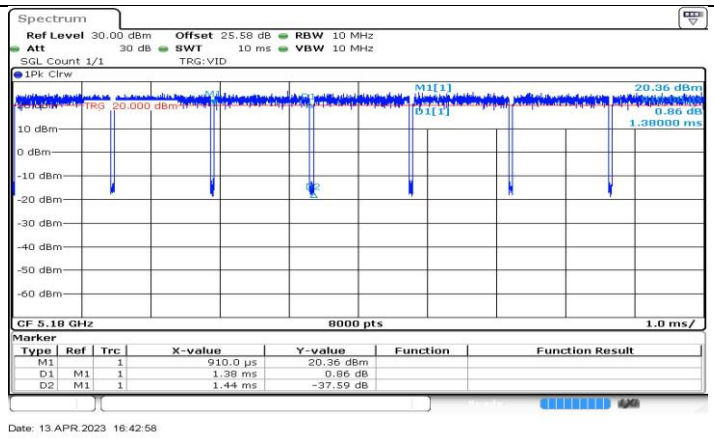
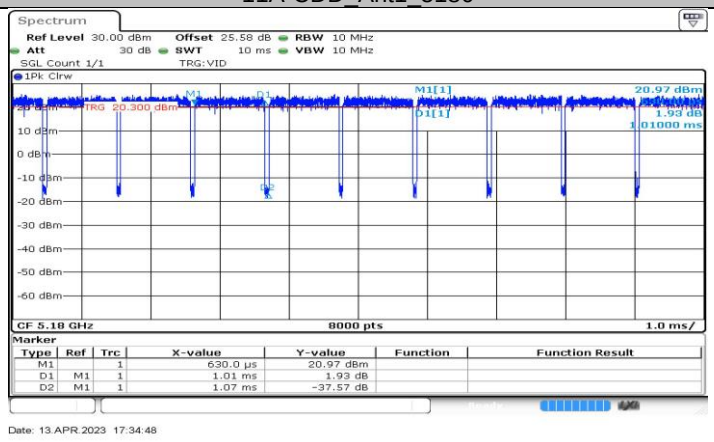
11.7.2. Test Graphs



11A-CDD_Ant1_5180



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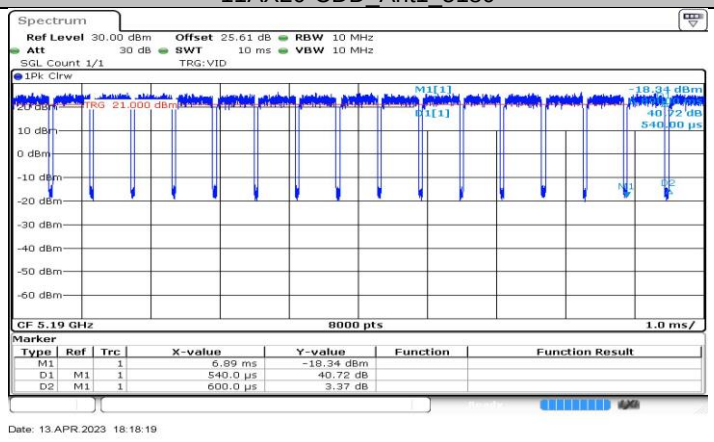

11AX40-CDD_Ant1_5190

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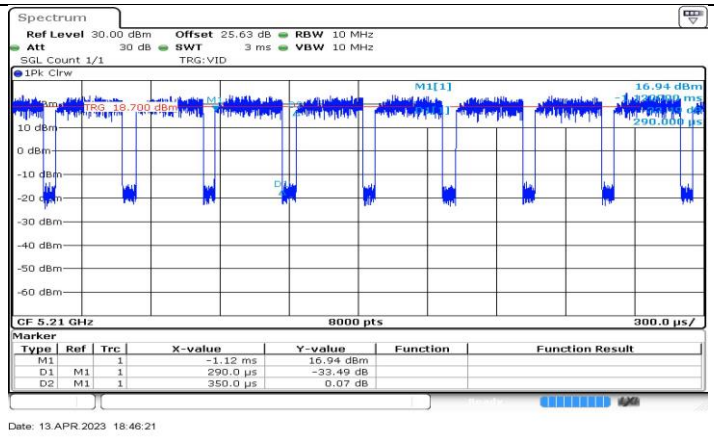

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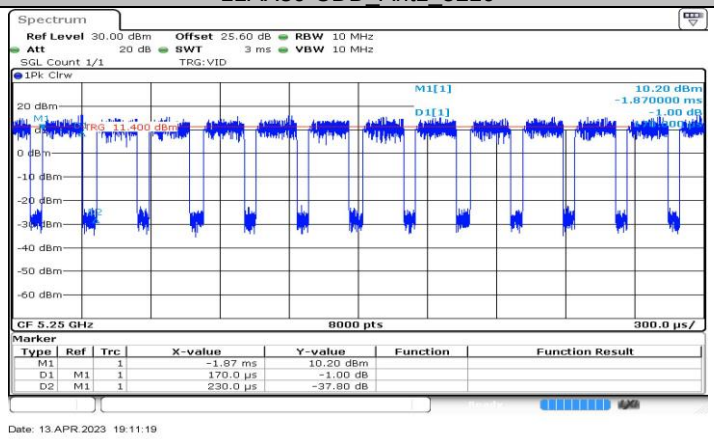
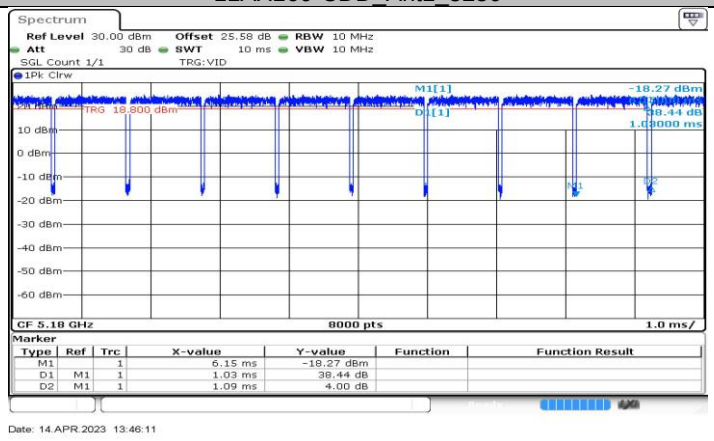


11AX160-CDD_Ant1_5250



11BE20-CDD_Ant1_5180

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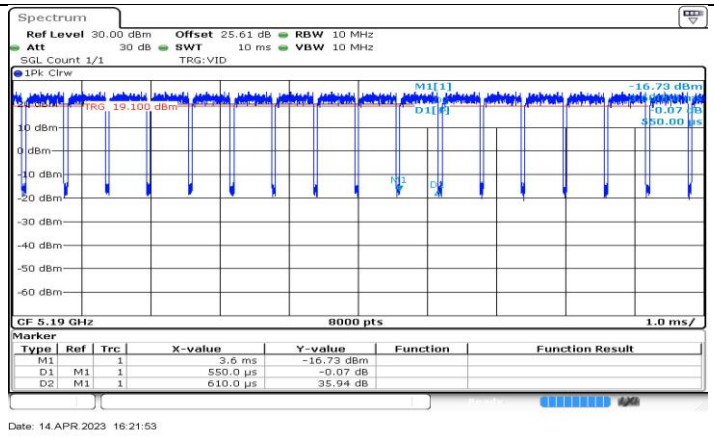

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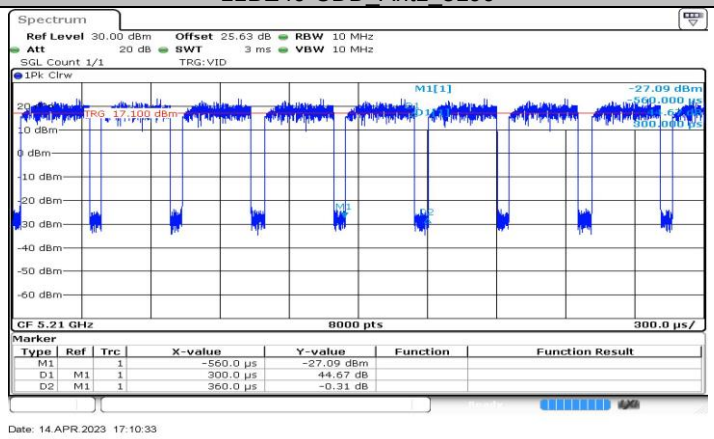

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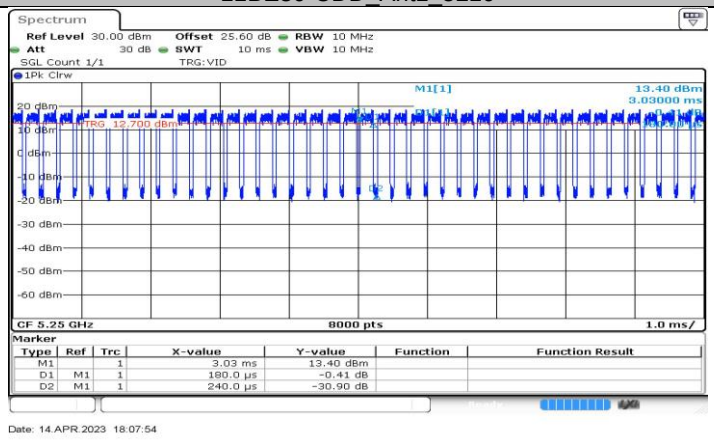

11BE160-CDD_Ant1_5250

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