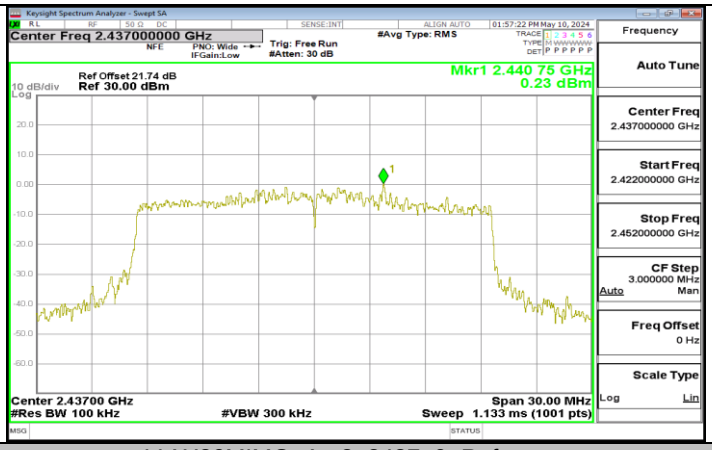

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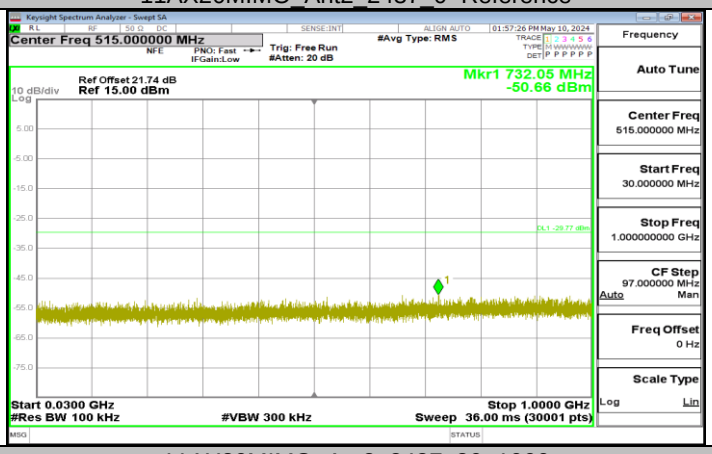

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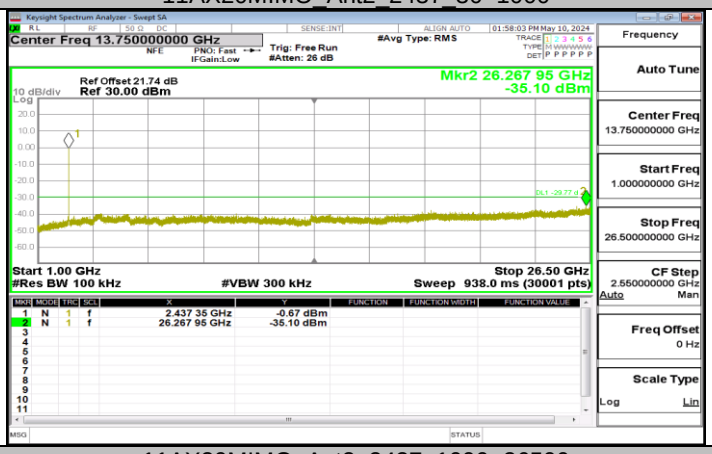

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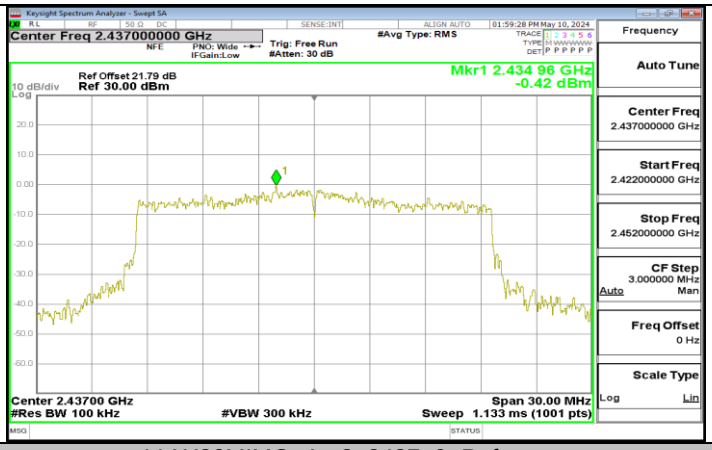

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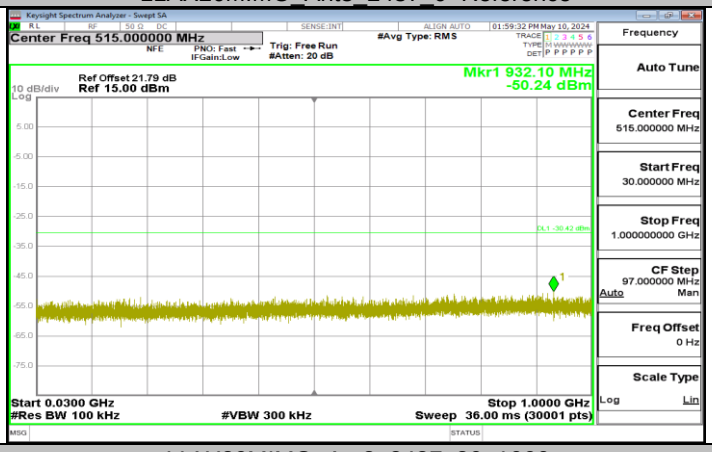

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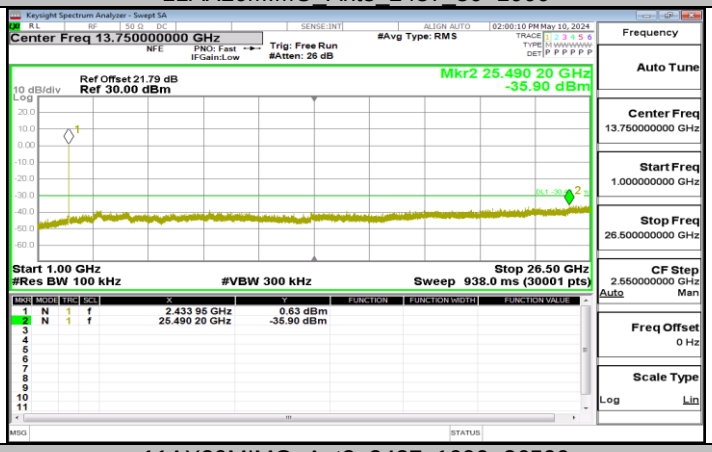

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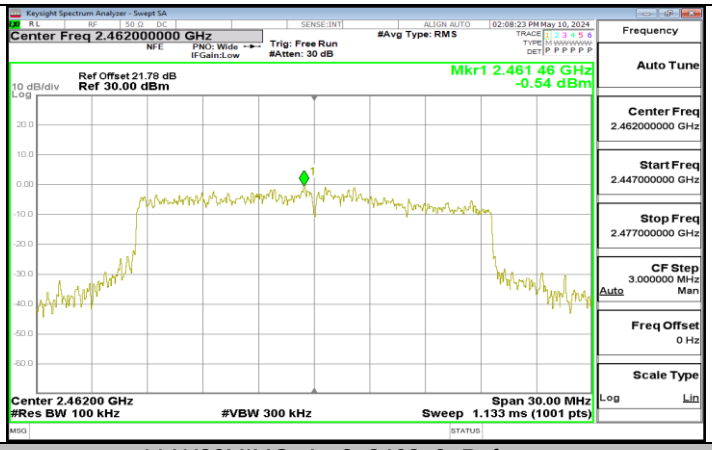

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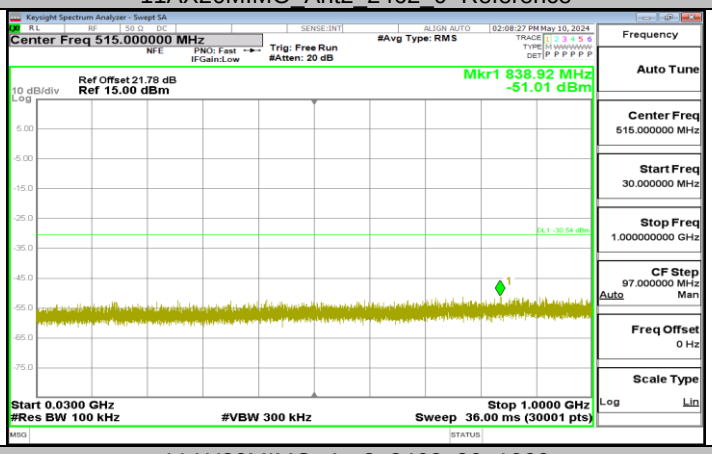

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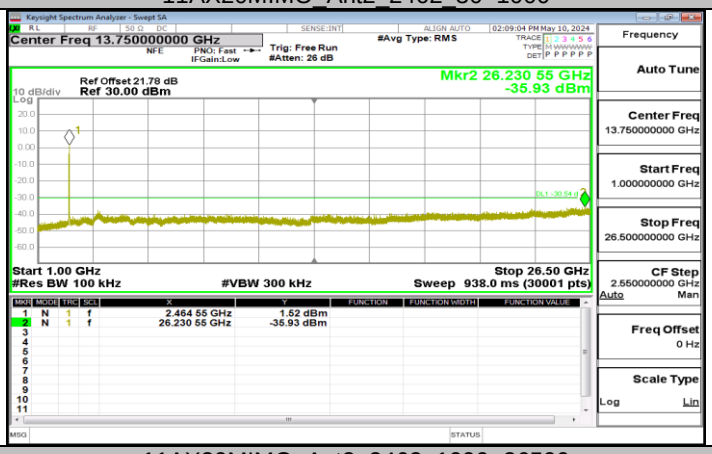

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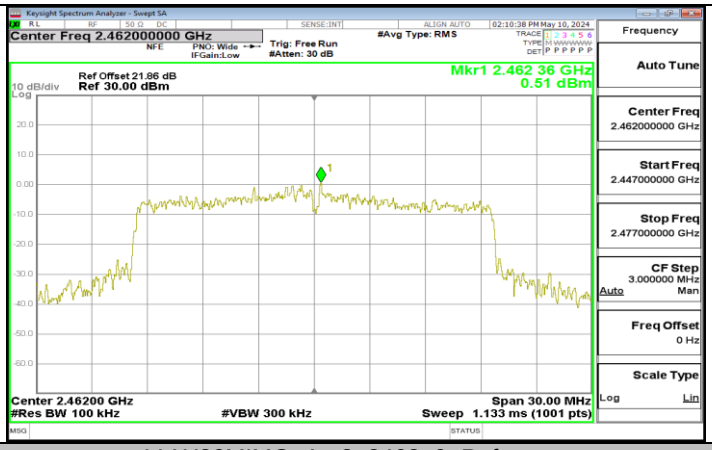

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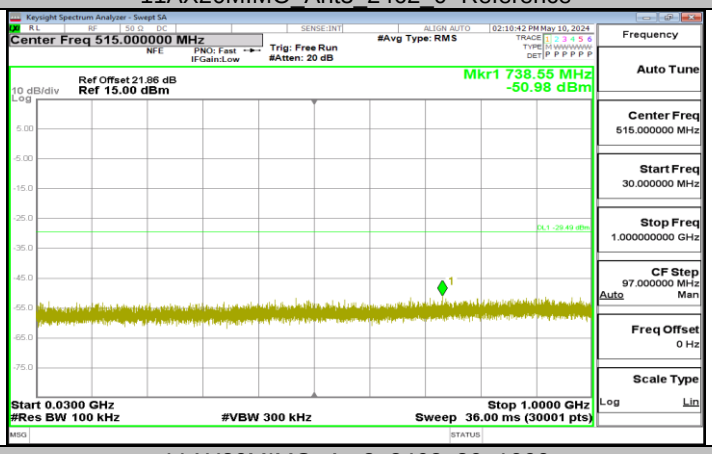

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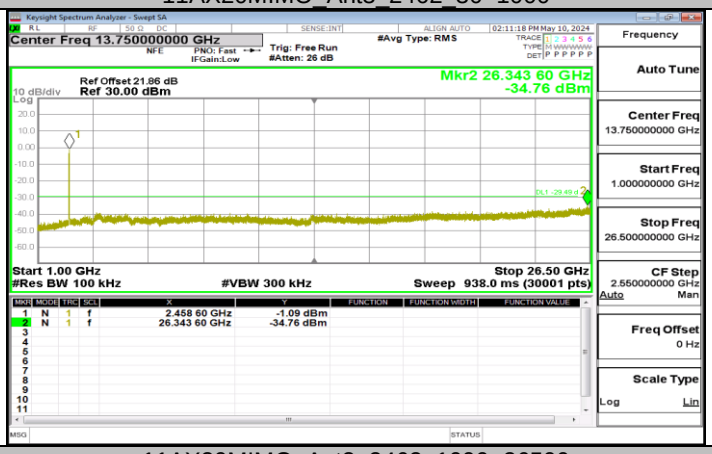

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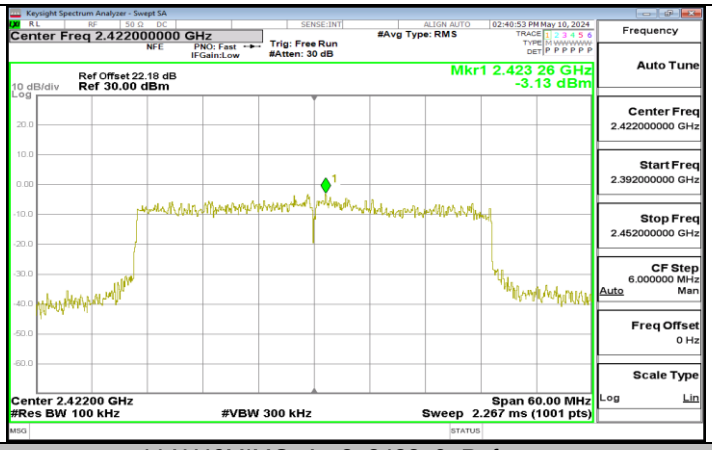

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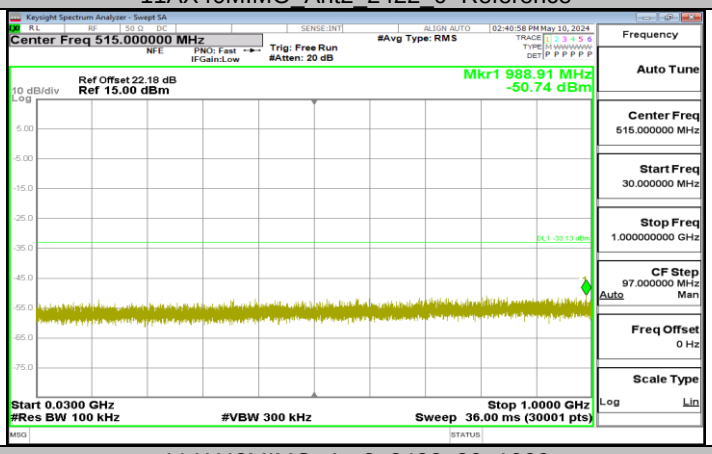

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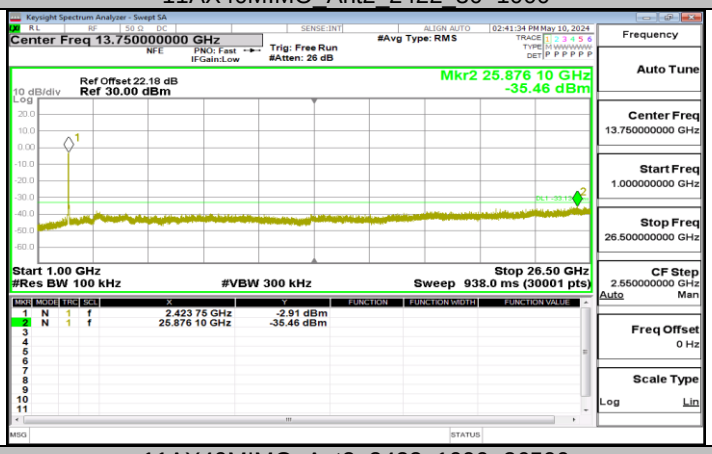

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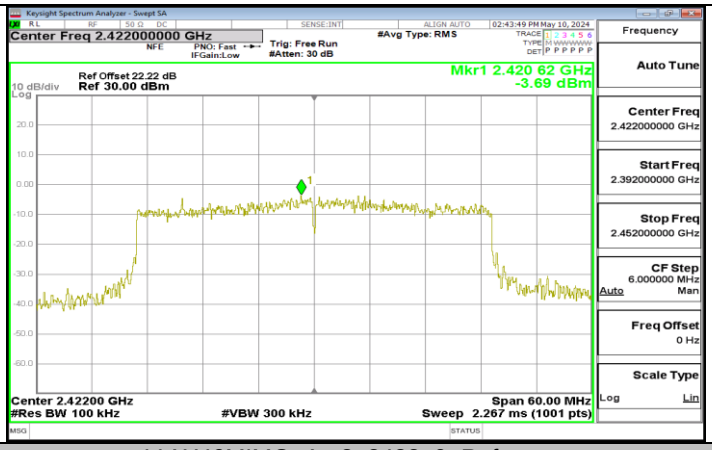

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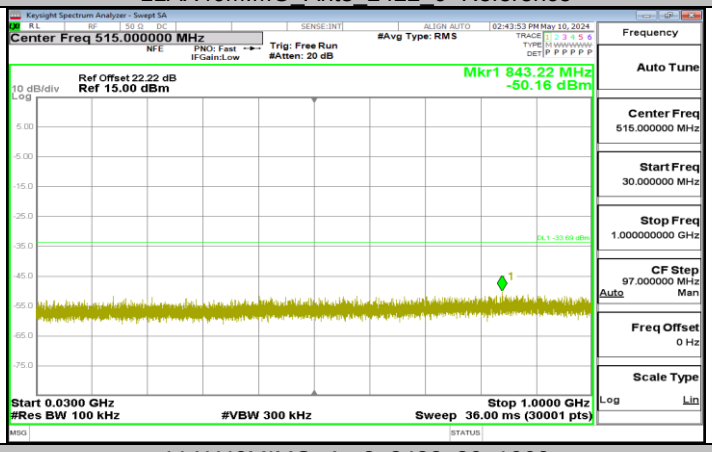

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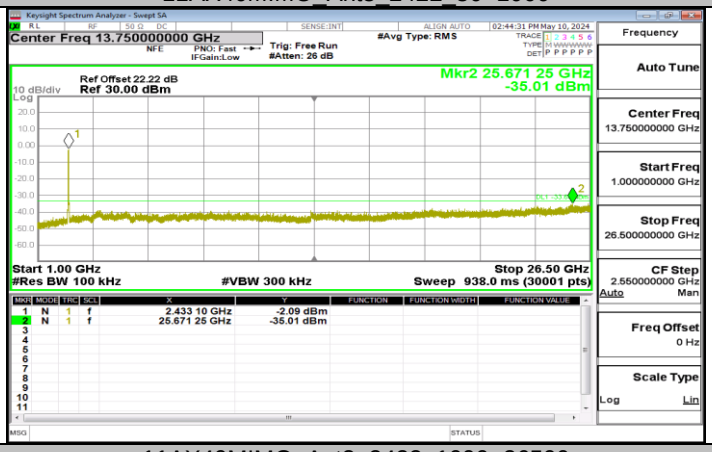

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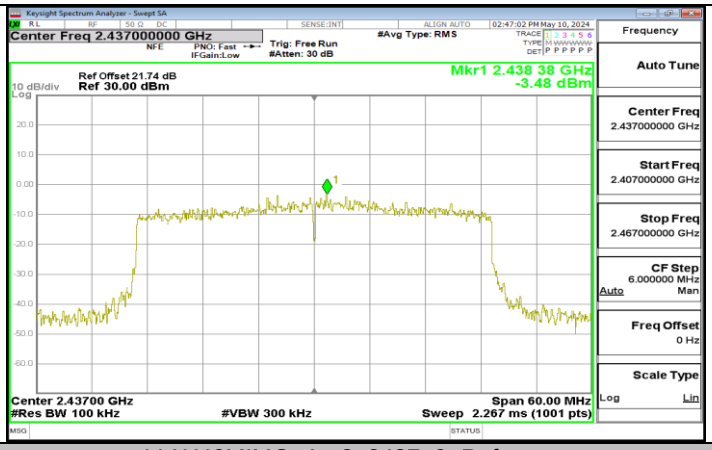

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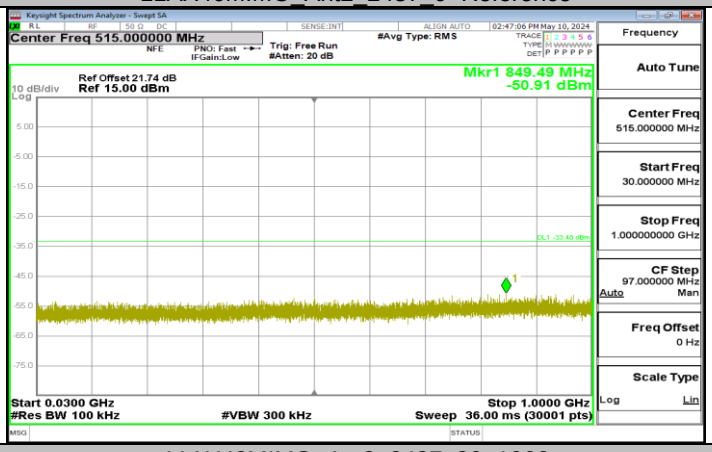

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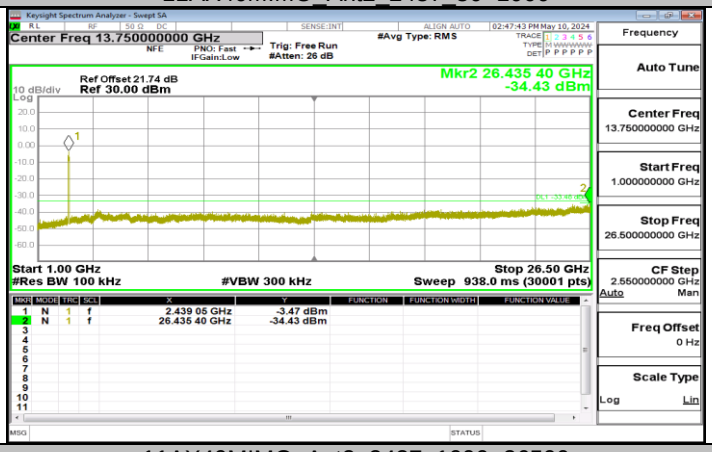

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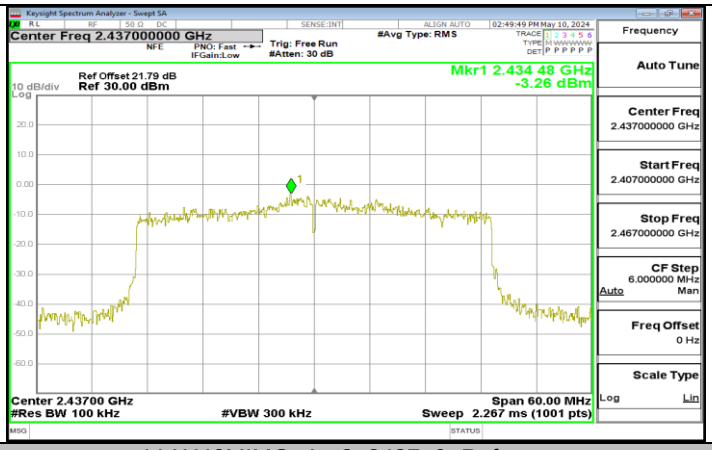

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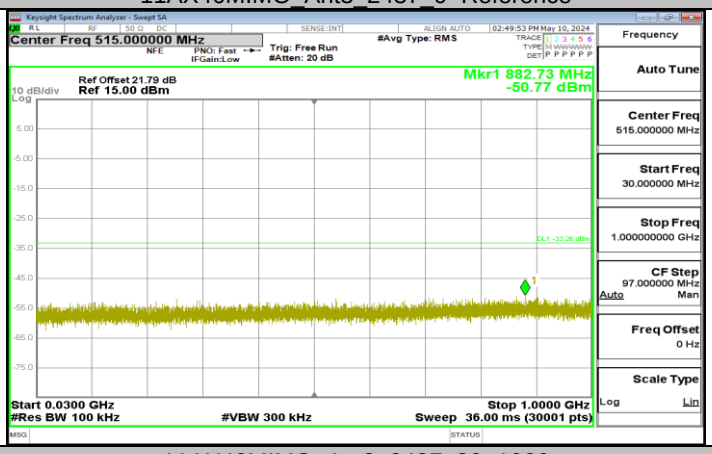

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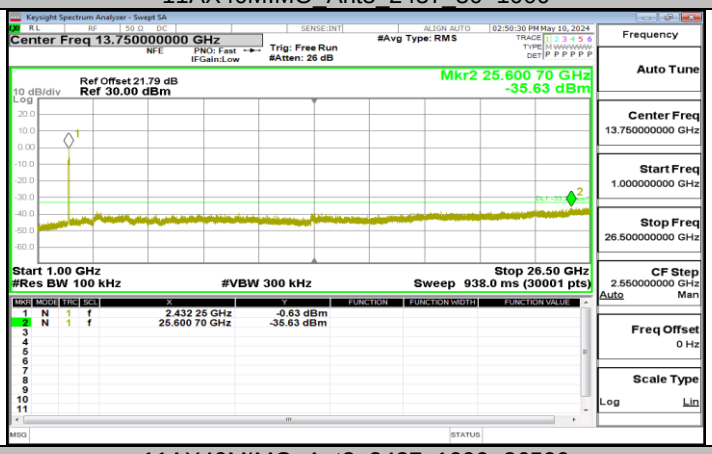

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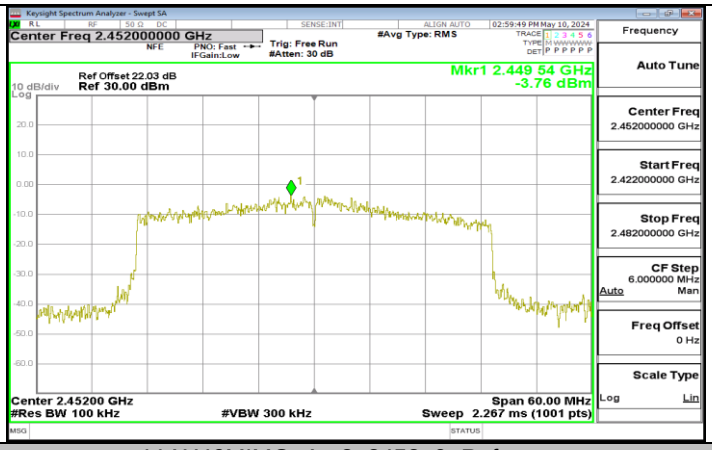

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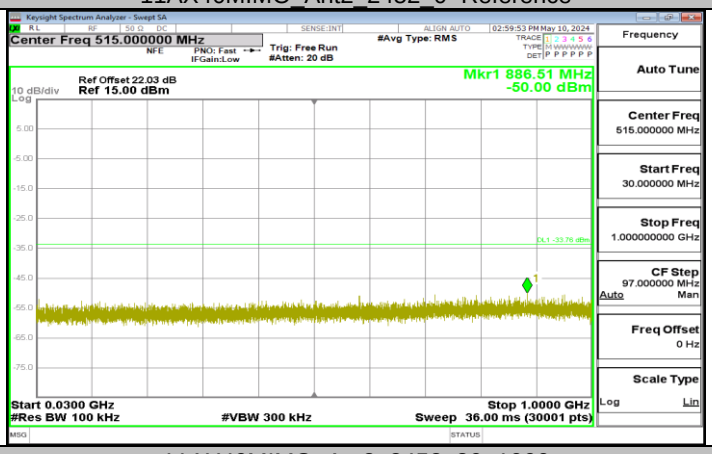

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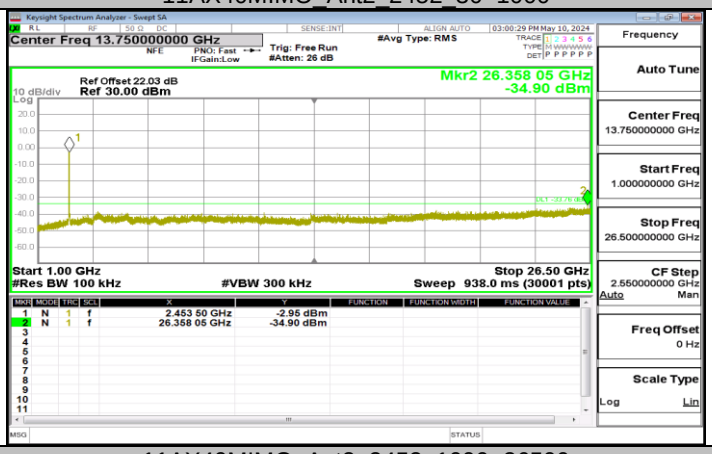

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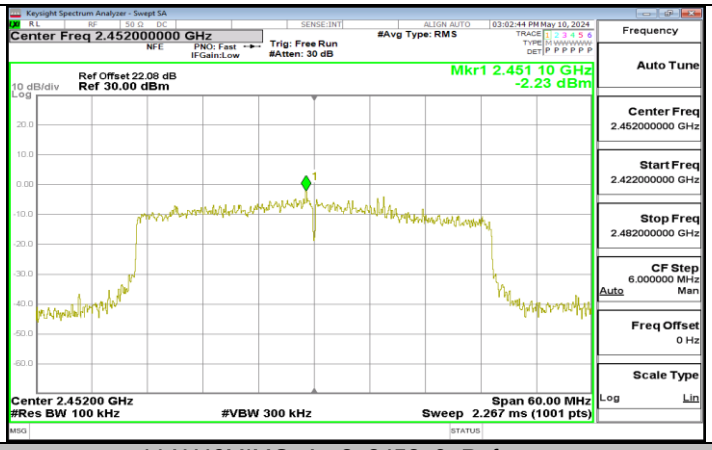

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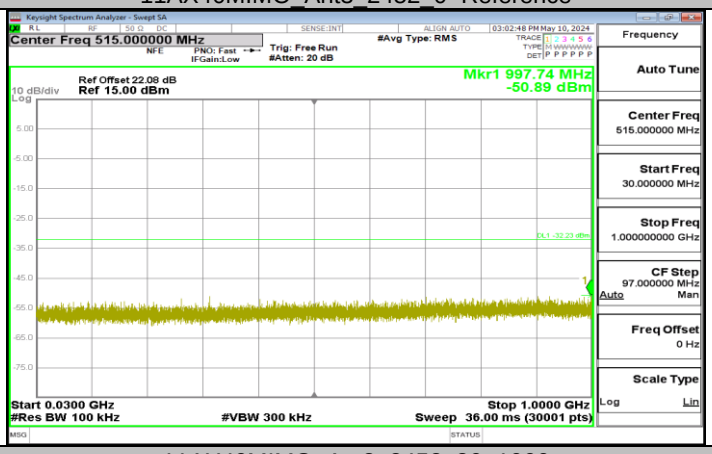

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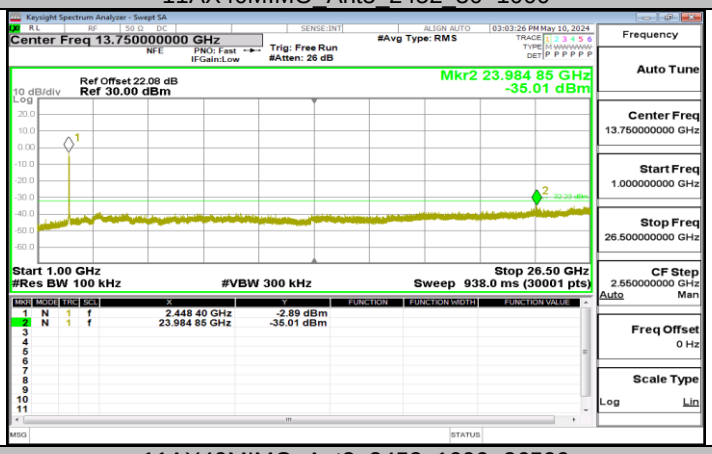

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11.7. APPENDIX G: DUTY CYCLE

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)
11B	0.66	0.68	0.9706	97.06	0.13	1.52	2
11G	2.09	2.11	0.9905	99.05	0.04	N/A	0.01
11N20MIMO	5.33	5.35	0.9963	99.63	0.02	N/A	0.01
11N40MIMO	5.42	5.43	0.9982	99.82	0.01	N/A	0.01
11AX20MIMO	5.33	5.35	0.9963	99.63	0.02	N/A	0.01
11AX40MIMO	5.39	5.41	0.9963	99.63	0.02	N/A	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.
If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW ≤ RBW/100 (i.e., 10 kHz) but not less than 10 Hz.

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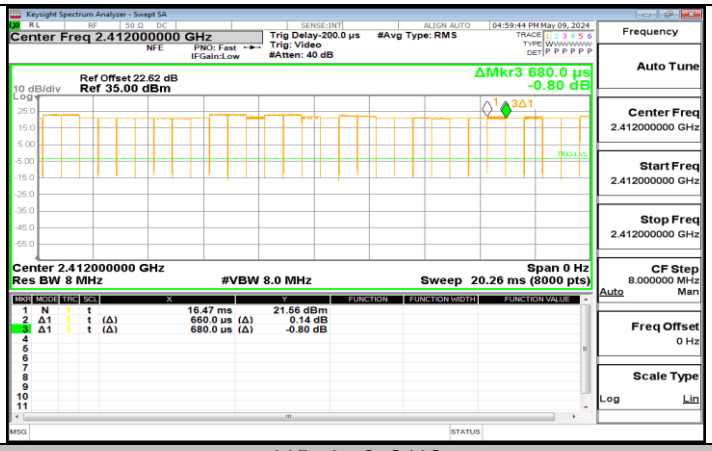
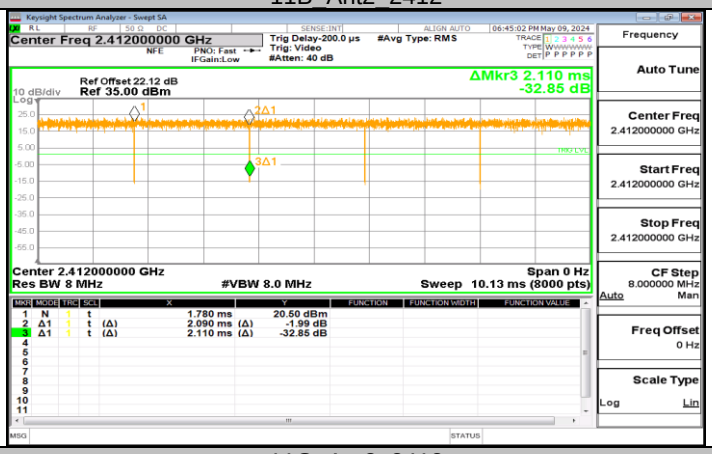
11.7.2. Test Graphs



11B_Ant2_2412



11G_Ant2_2412

11N20MIMO_Ant2_2412

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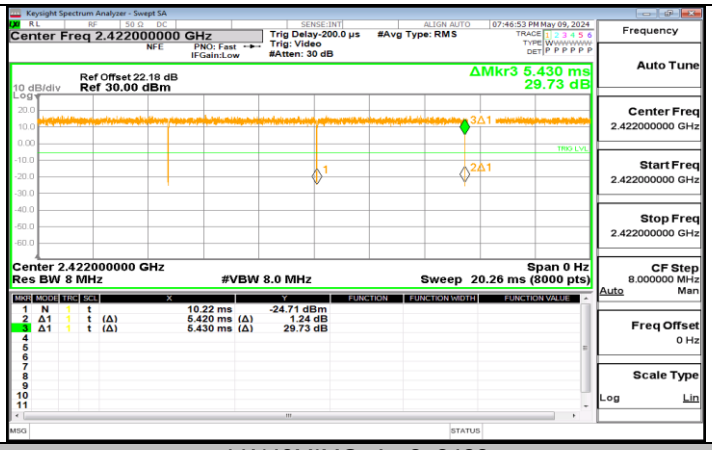

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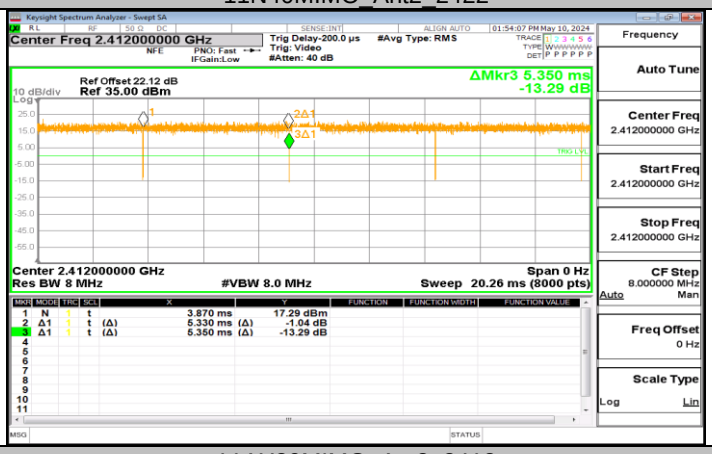

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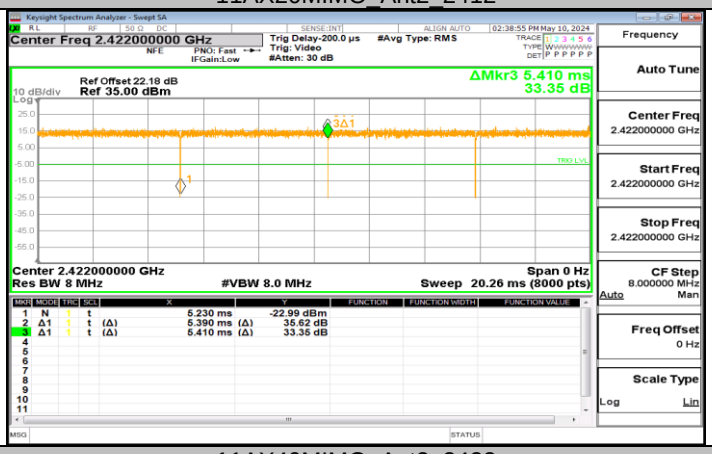

11AX40MIMO_Ant2_2422

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