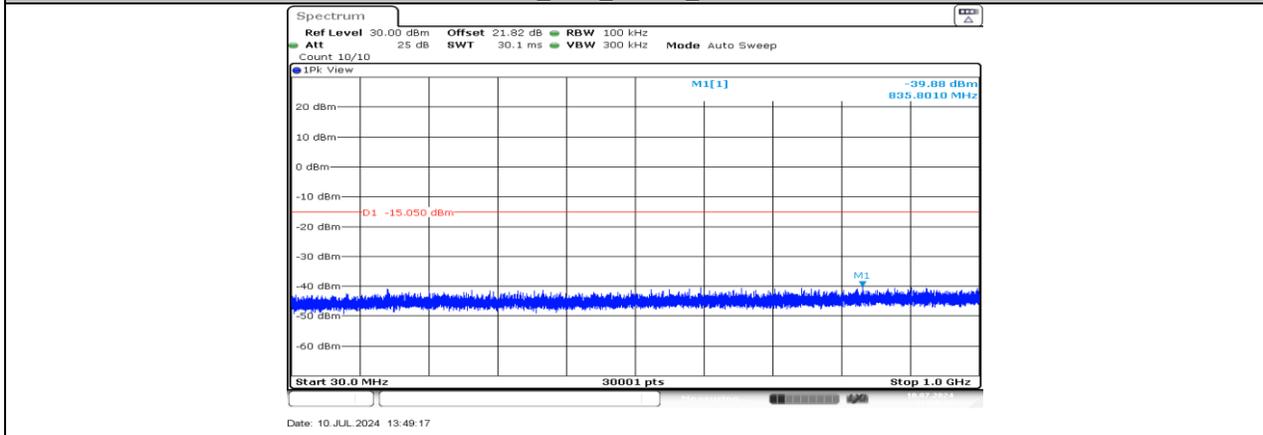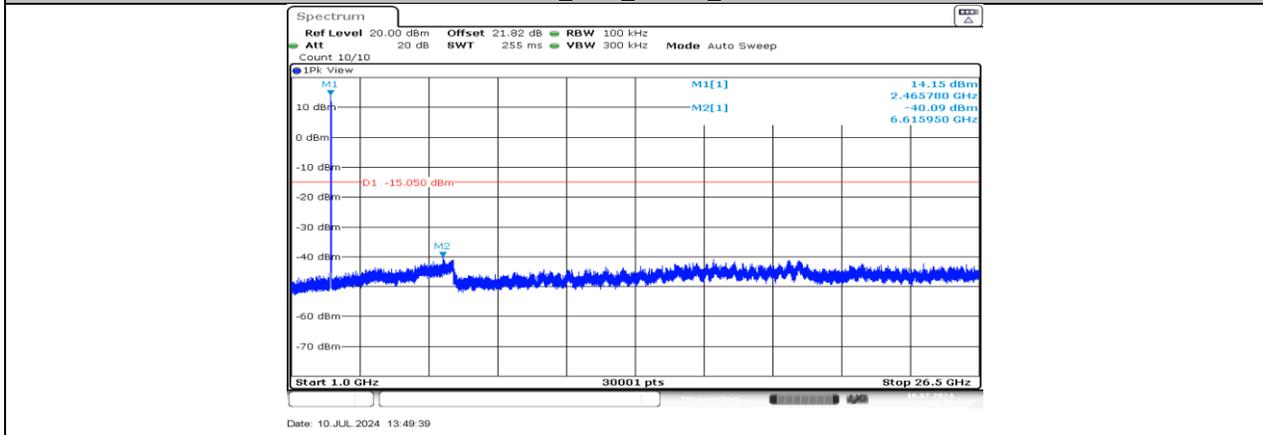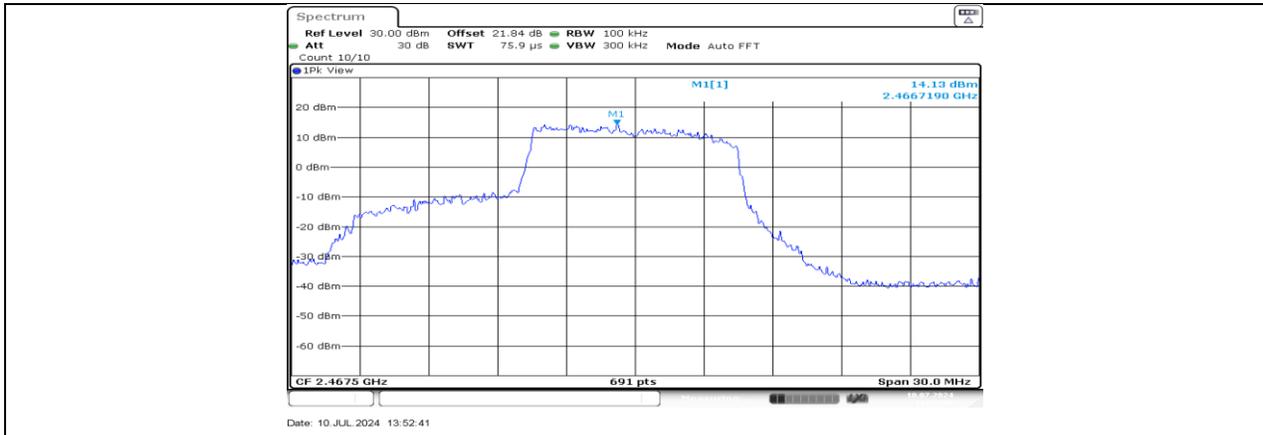SRD 10M_Ant5_2466.5_0~Reference

SRD 10M_Ant5_2466.5_30~1000

SRD 10M_Ant5_2466.5_1000~26500

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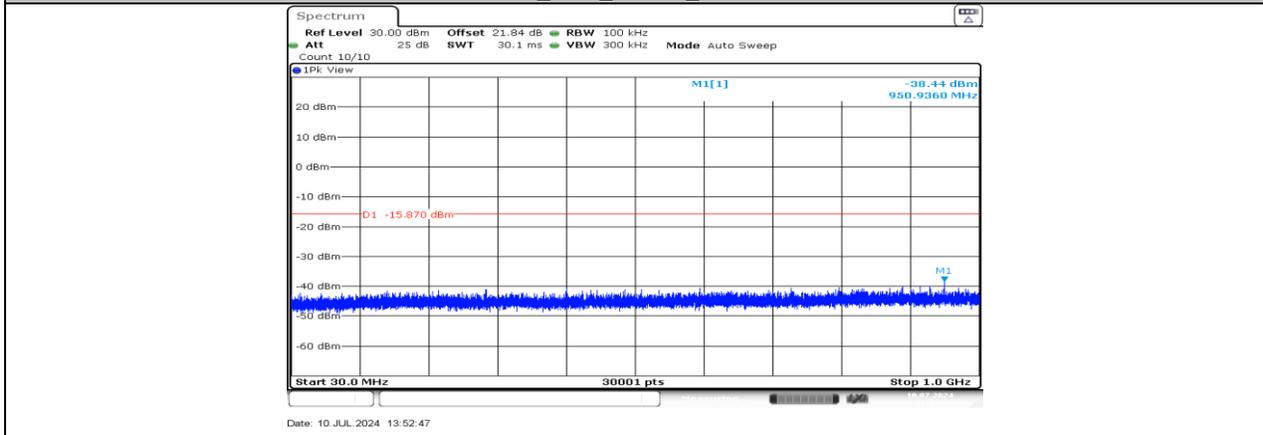SRD 10M_Ant4_2467.5_0~Reference

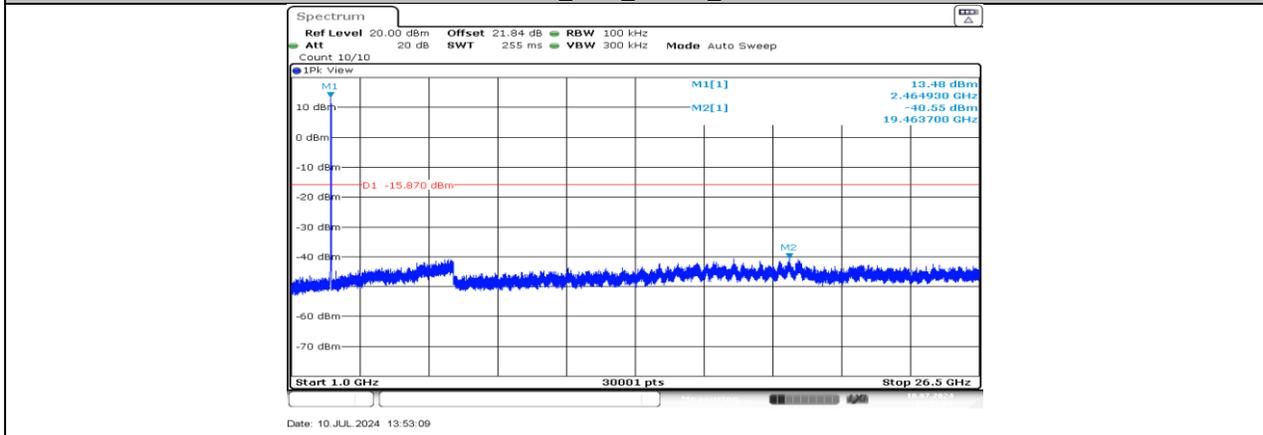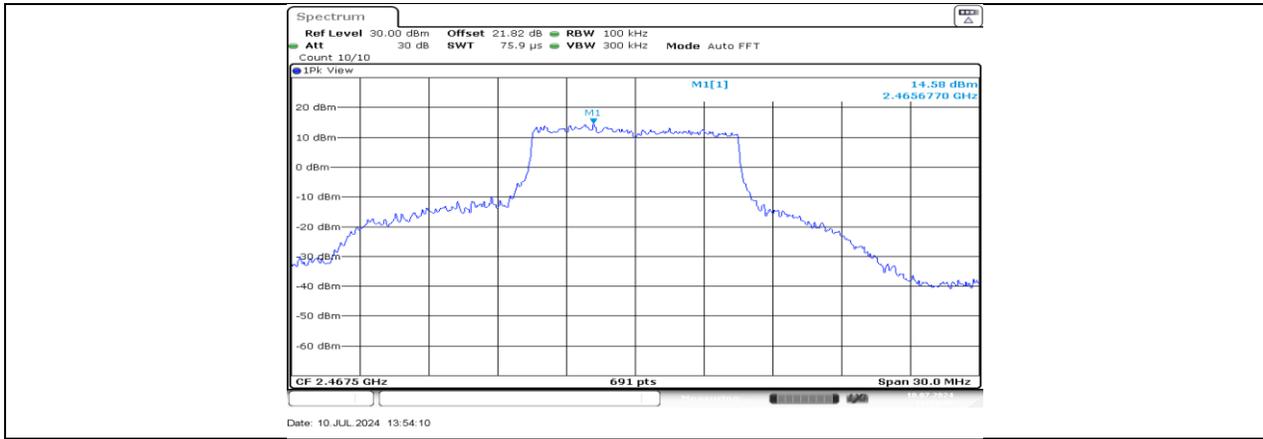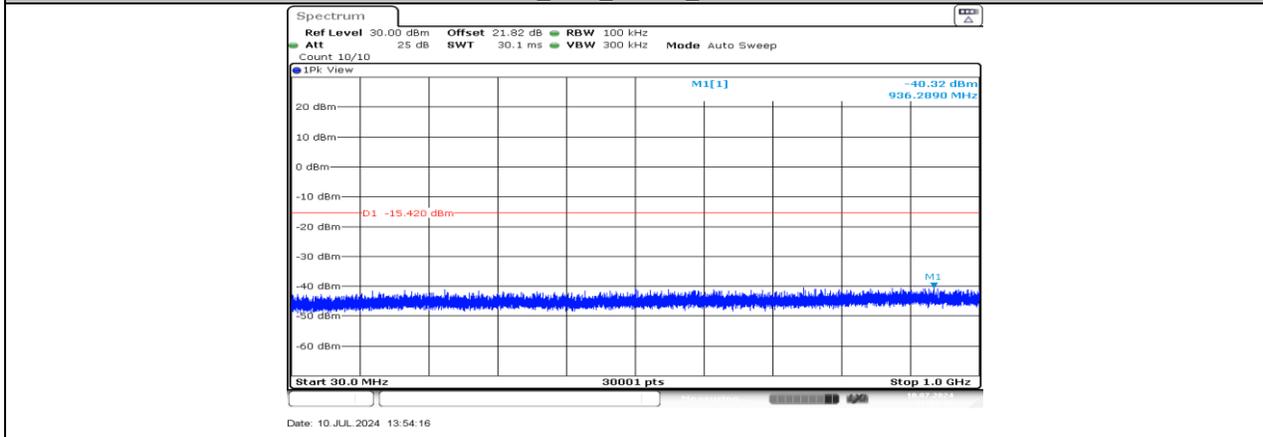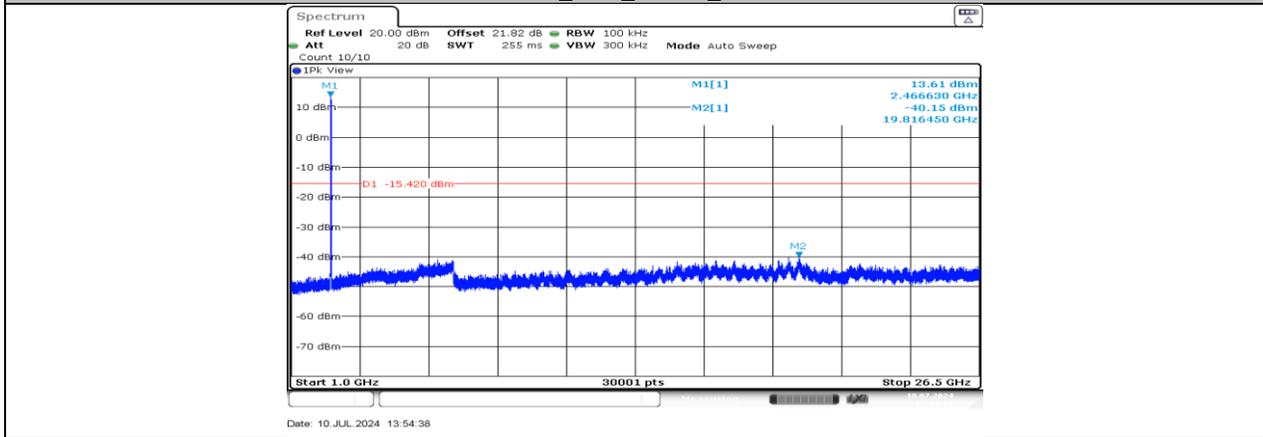SRD 10M_Ant4_2467.5_30~1000
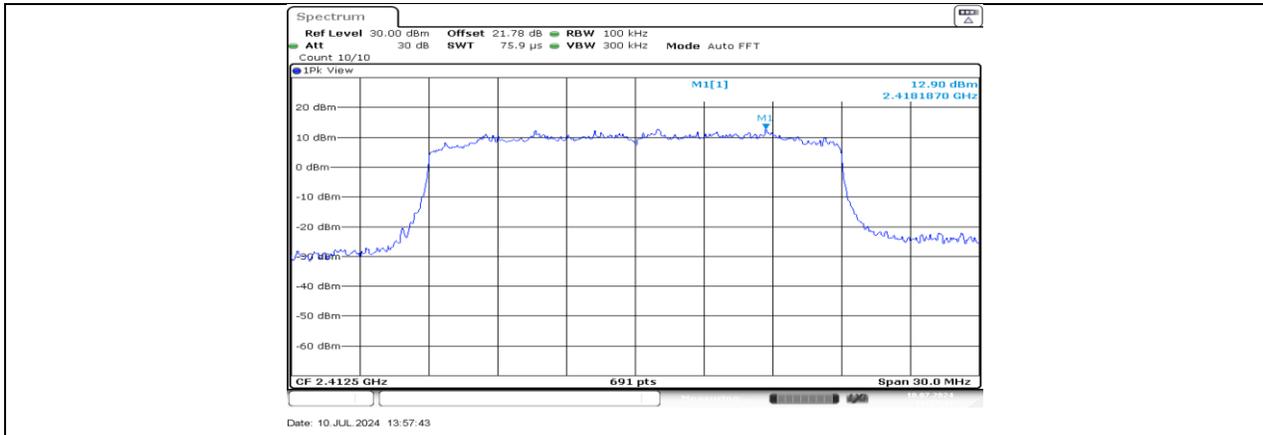

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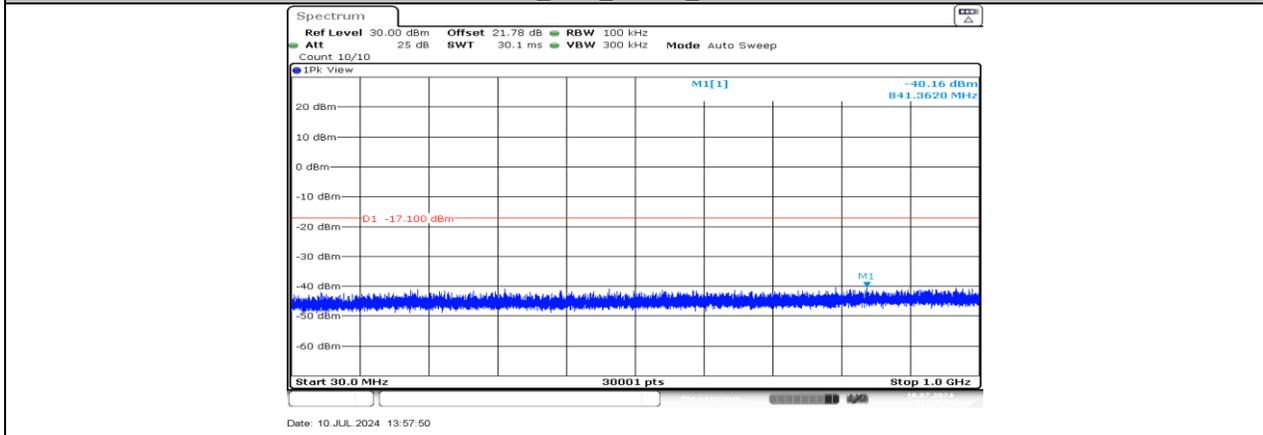
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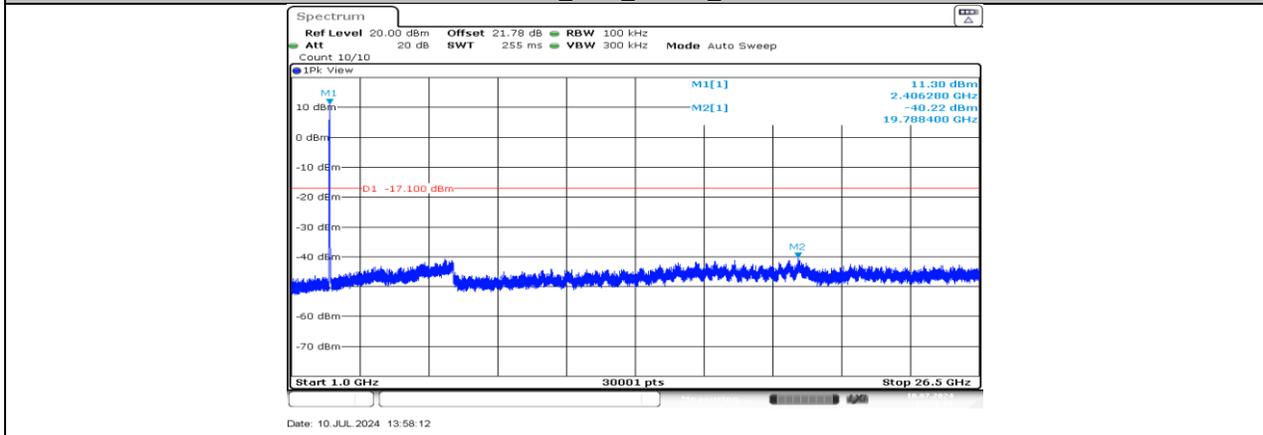

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SRD 20M_Ant4_2412.5_0~Reference

SRD 20M_Ant4_2412.5_30~1000

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SRD 20M_Ant5_2412.5_0~Reference

SRD 20M_Ant5_2412.5_30~1000

SRD 20M_Ant5_2412.5_1000~26500

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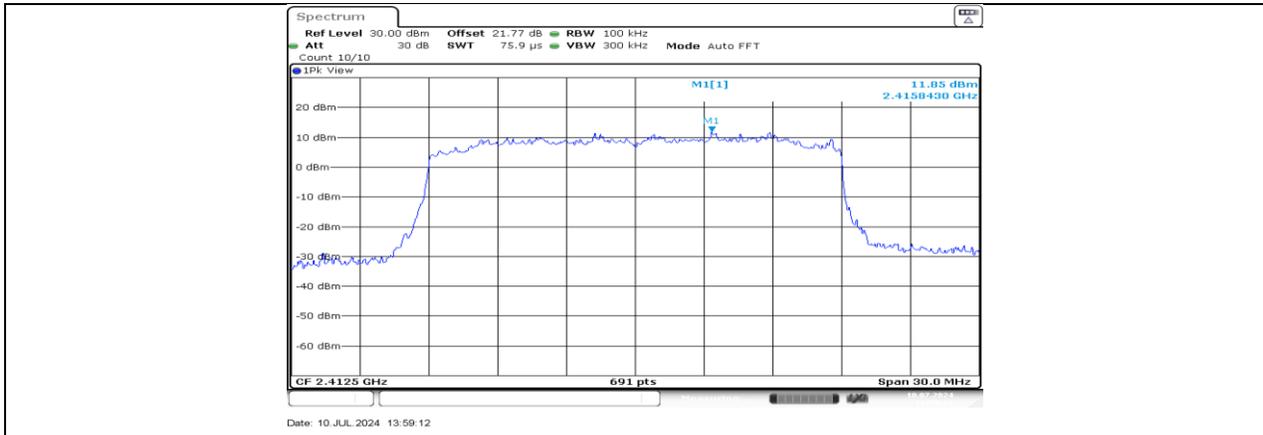
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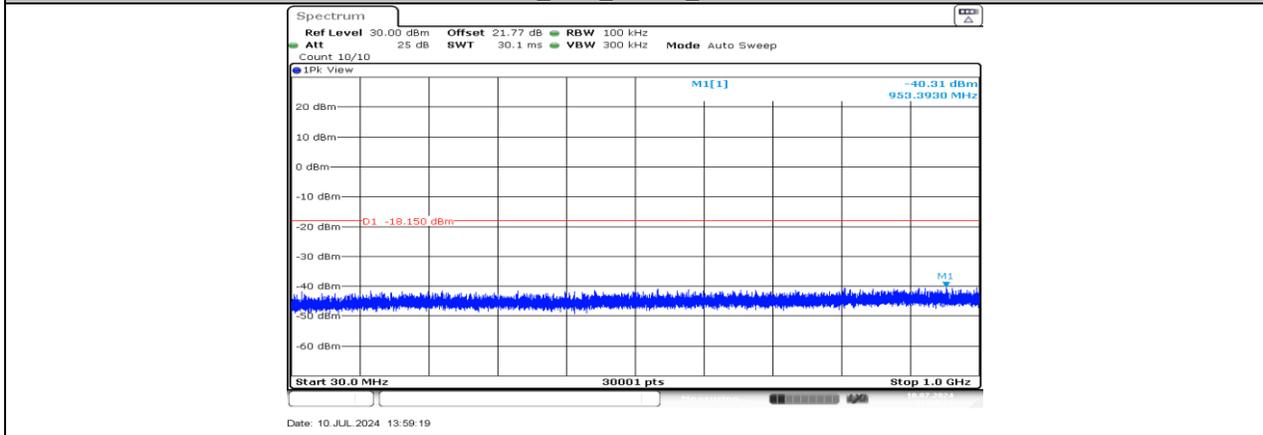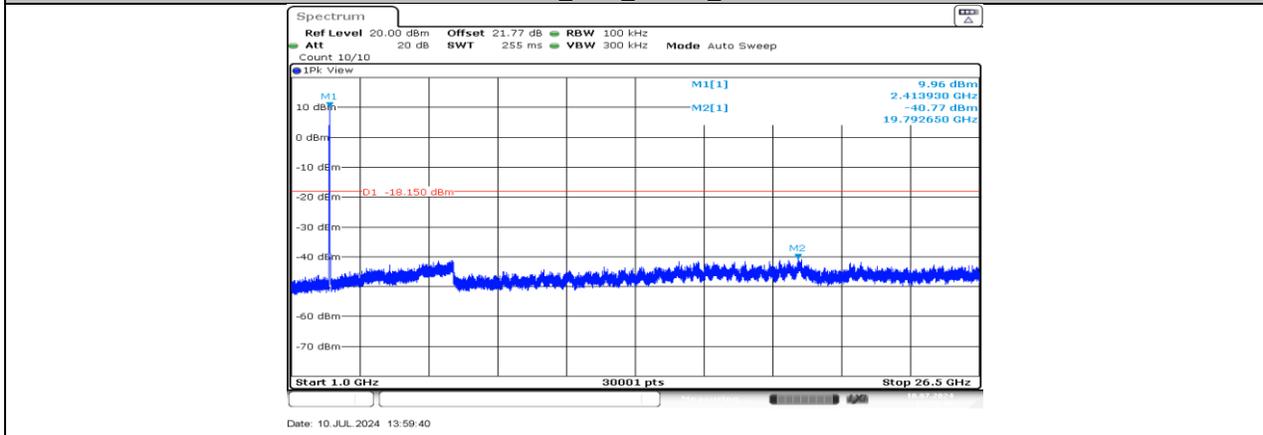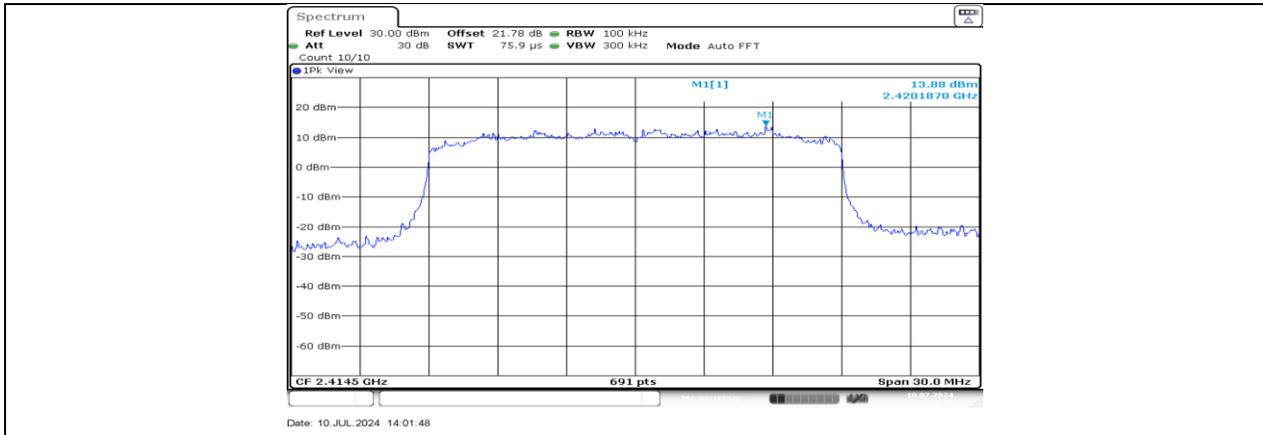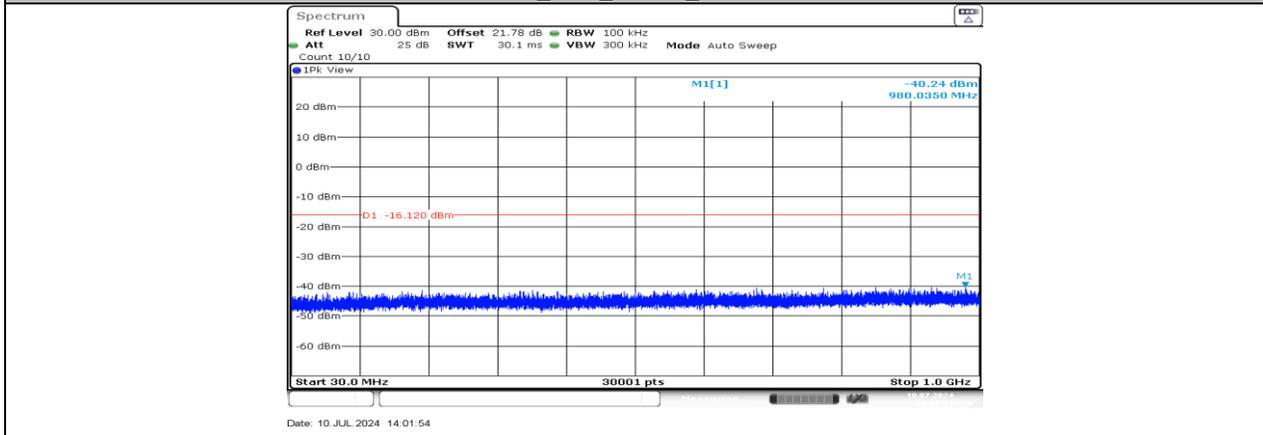
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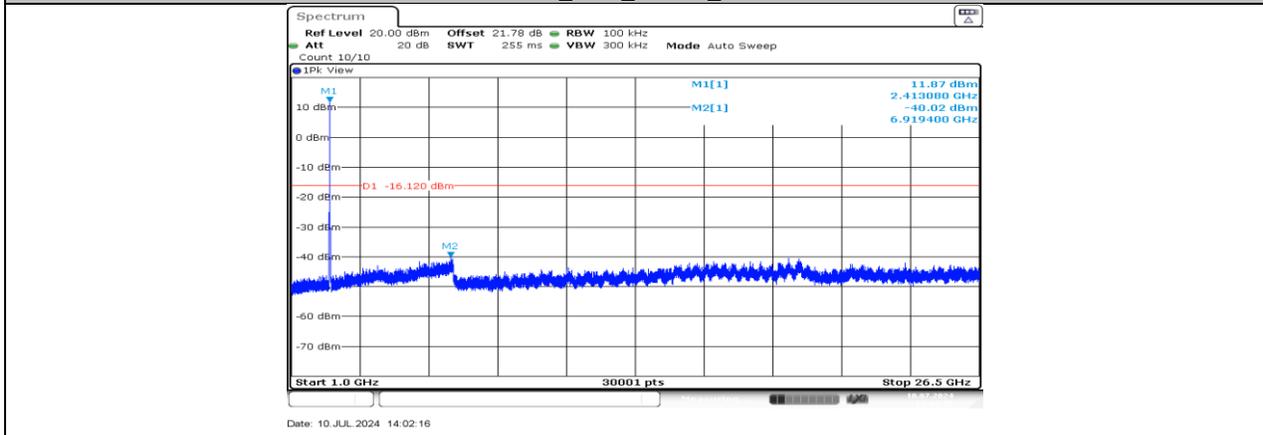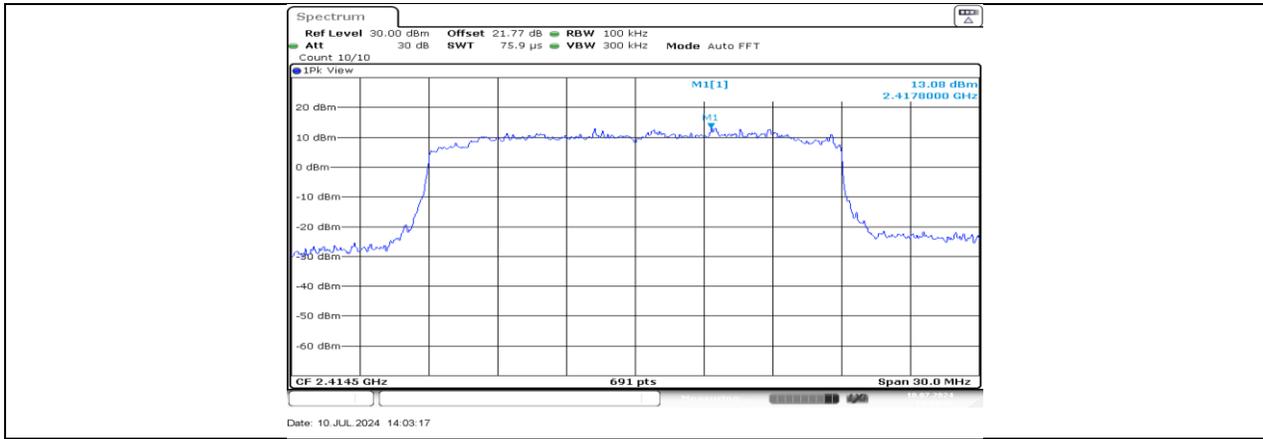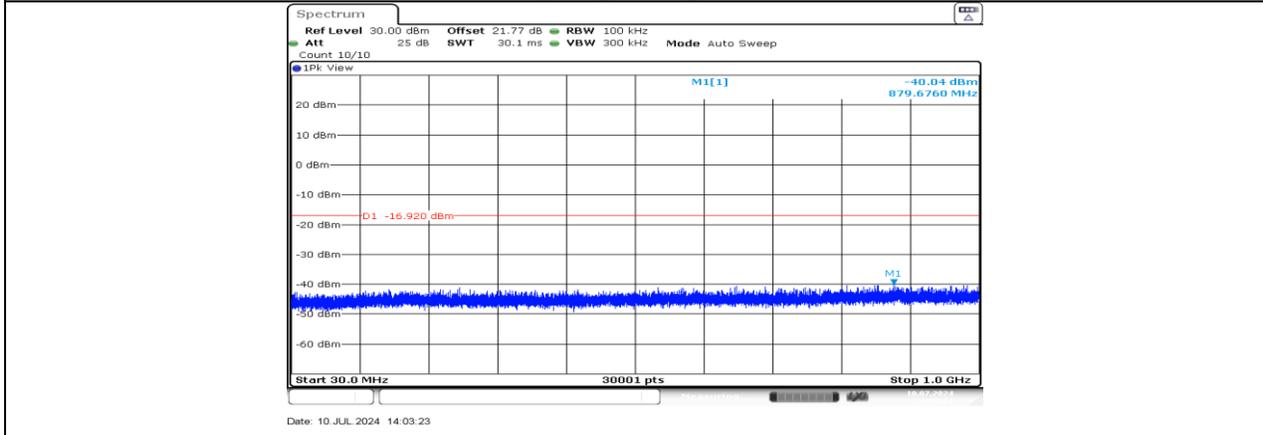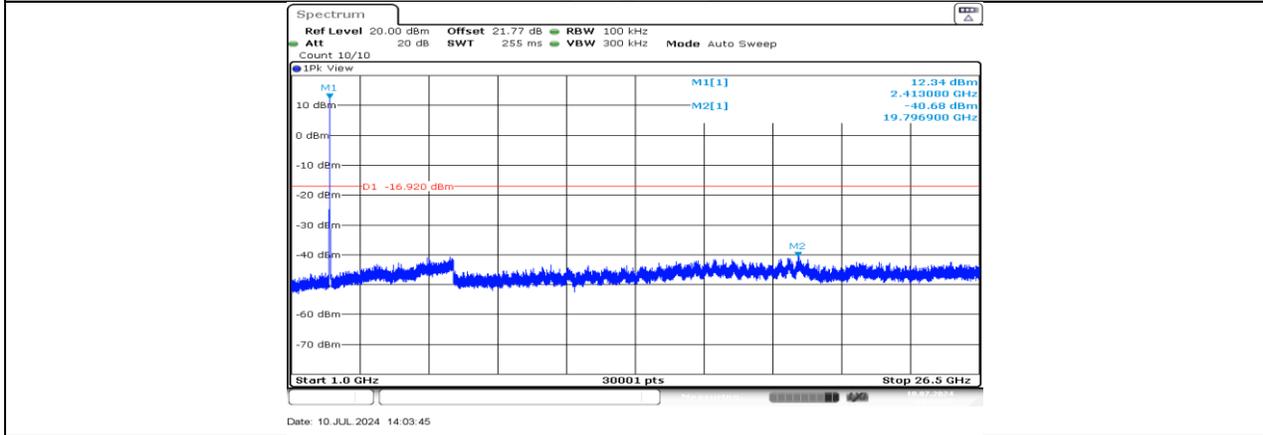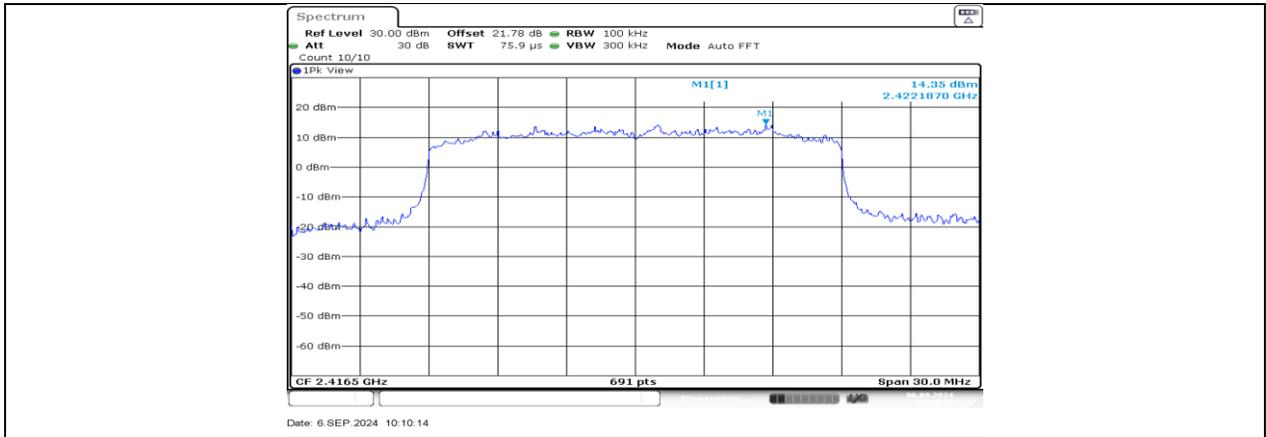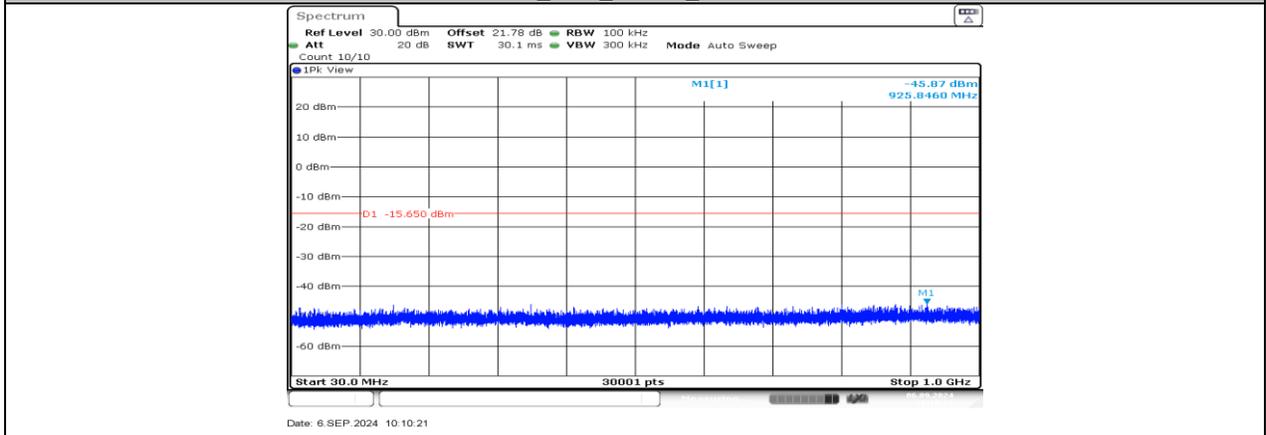

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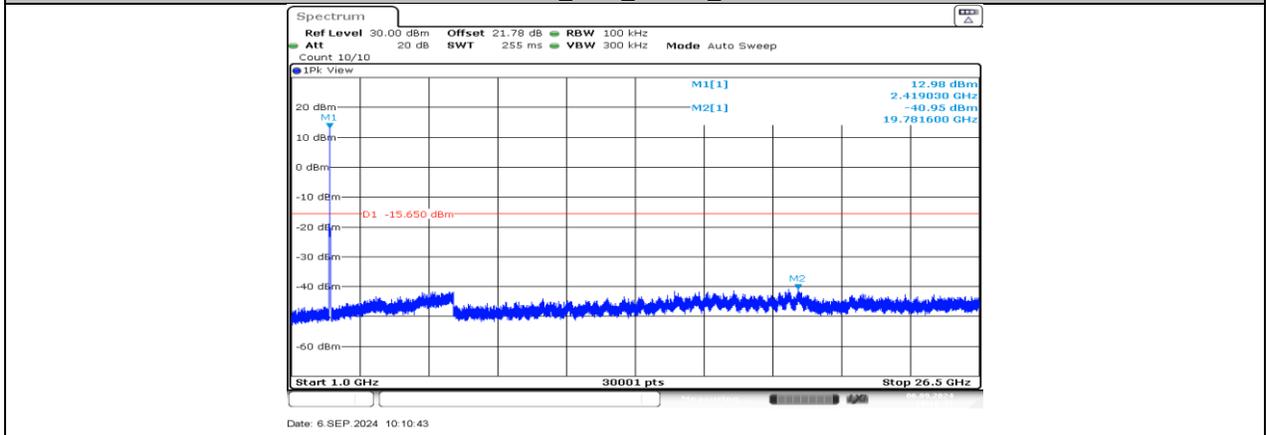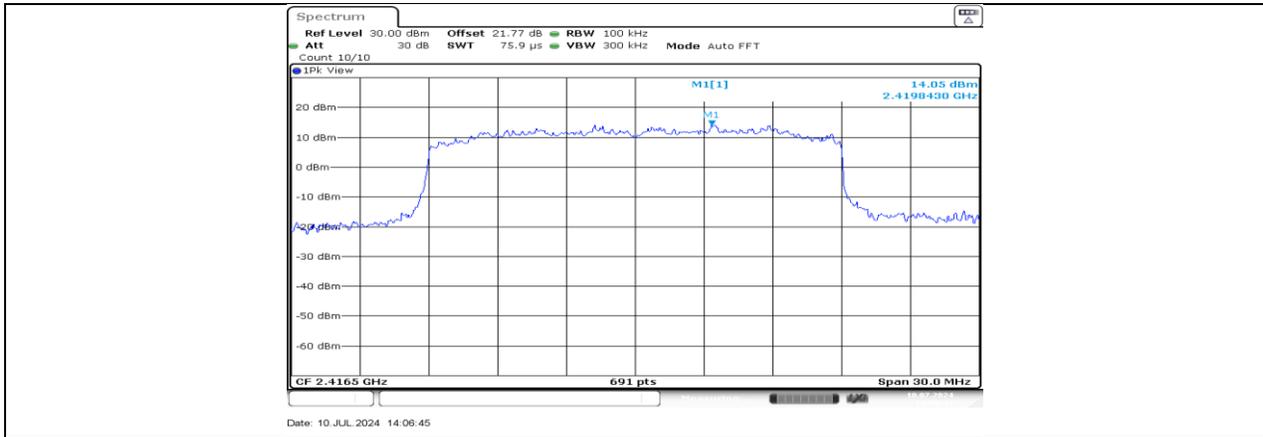

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SRD 20M_Ant4_2416.5_30~1000

SRD 20M_Ant4_2416.5_1000~26500

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Date: 10.JUL.2024 14:06:45

SRD 20M_Ant5_2416.5_0~Reference

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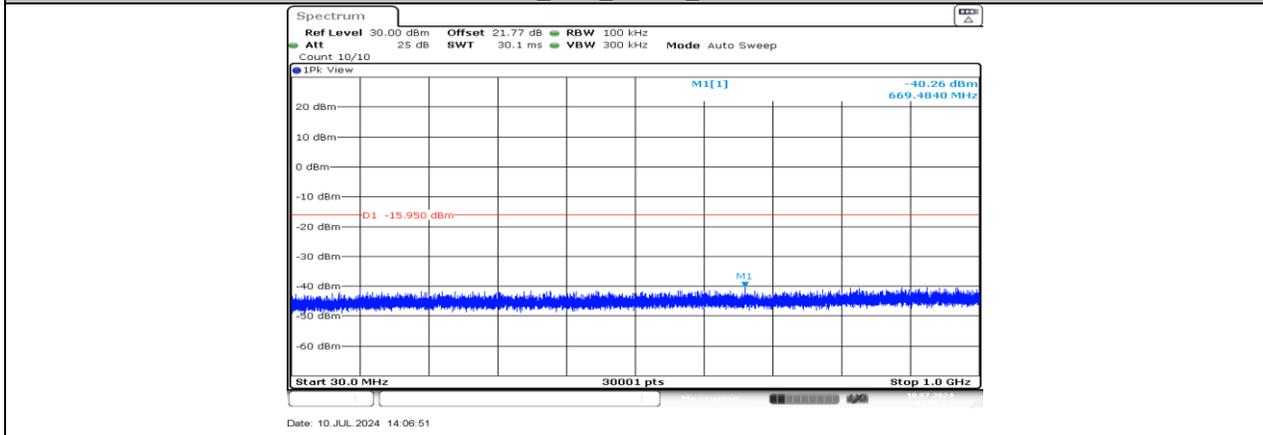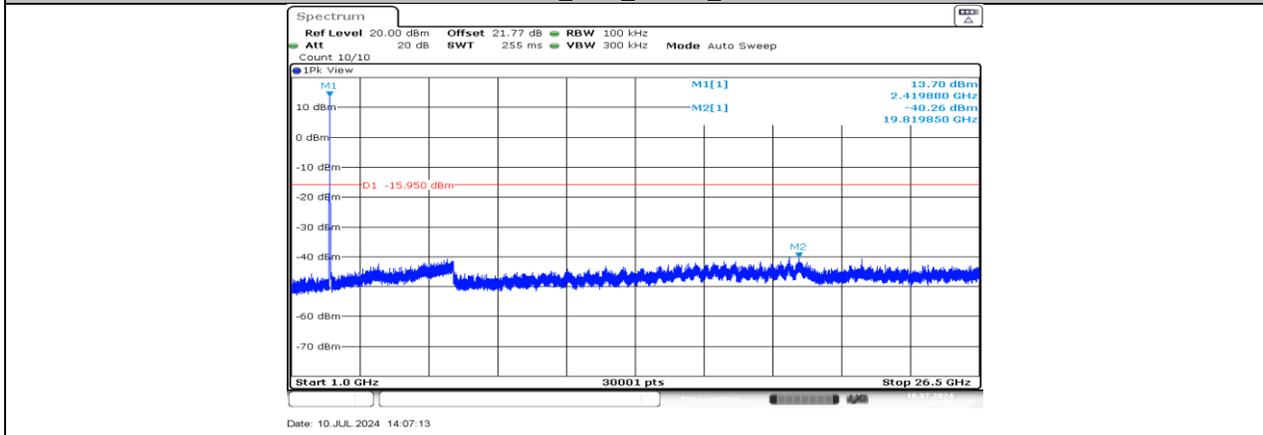
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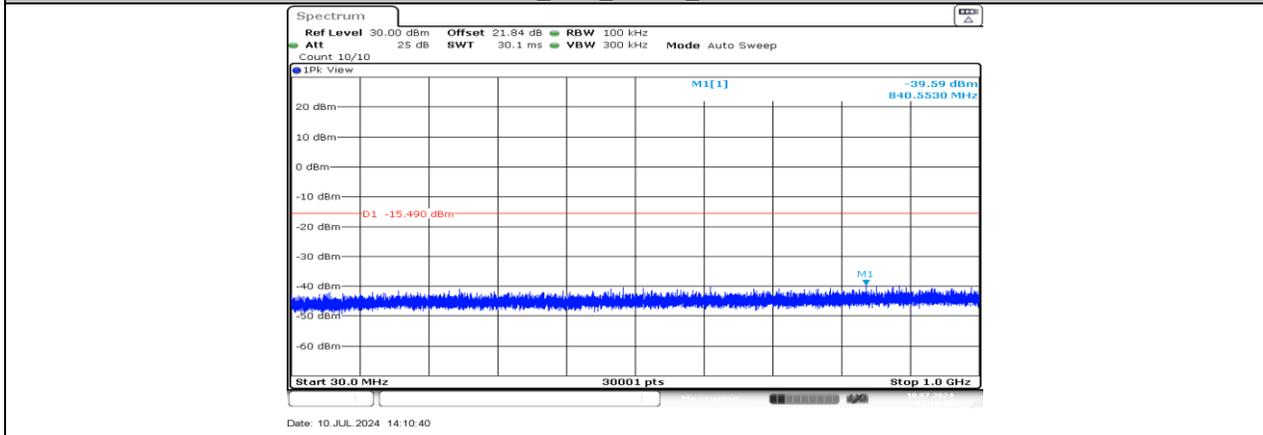
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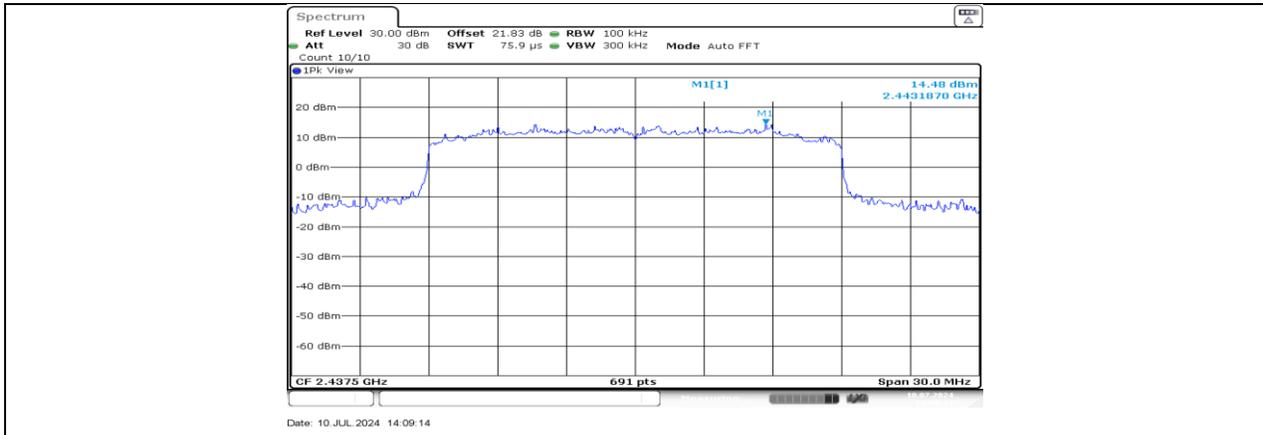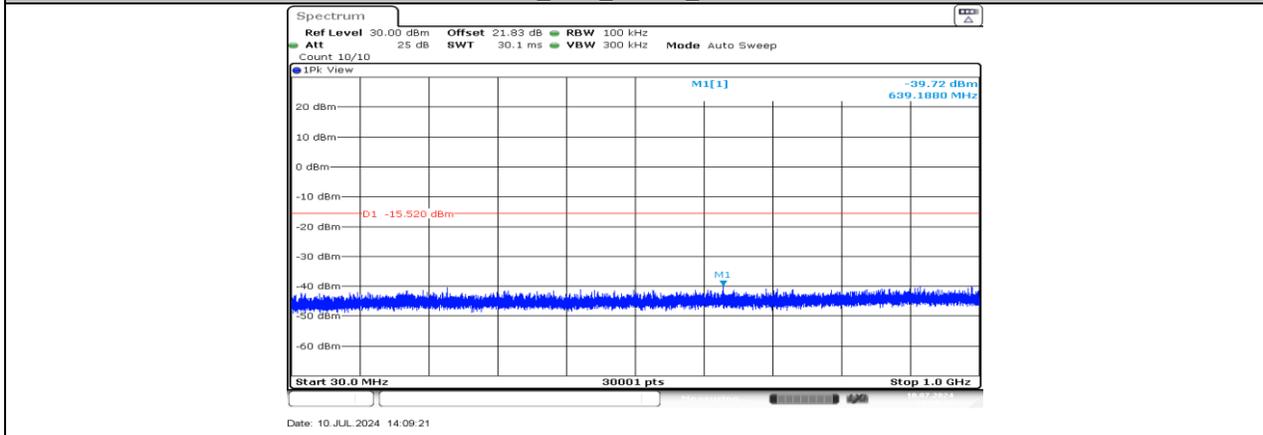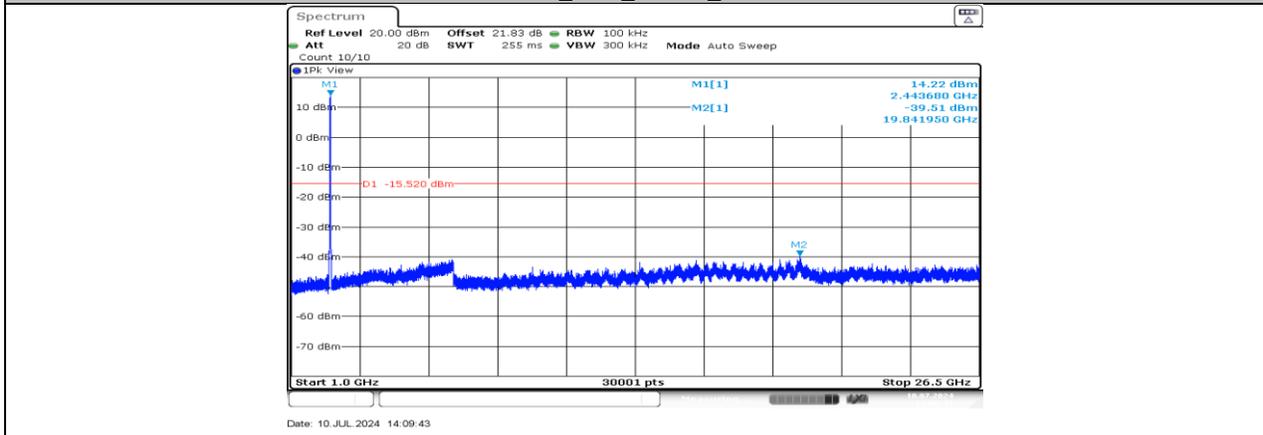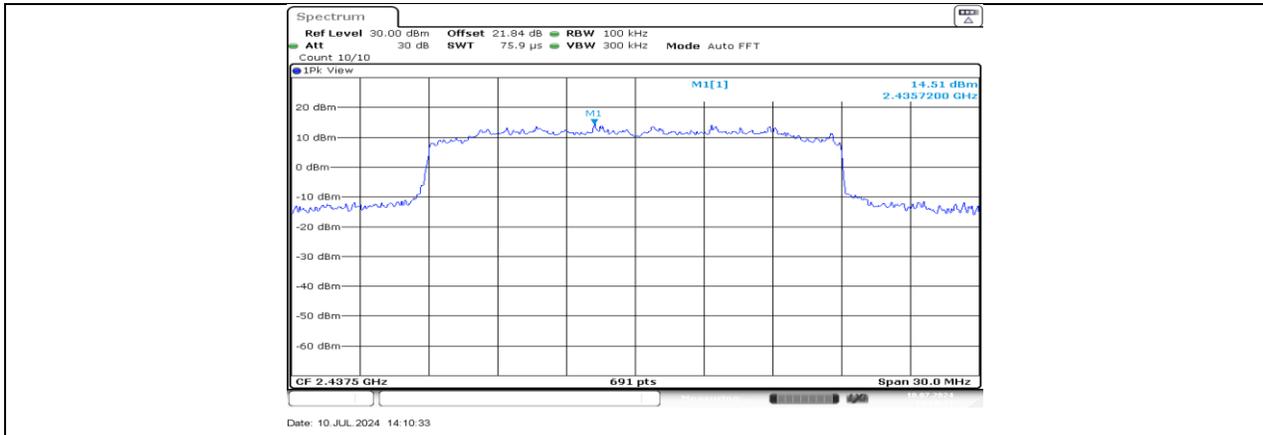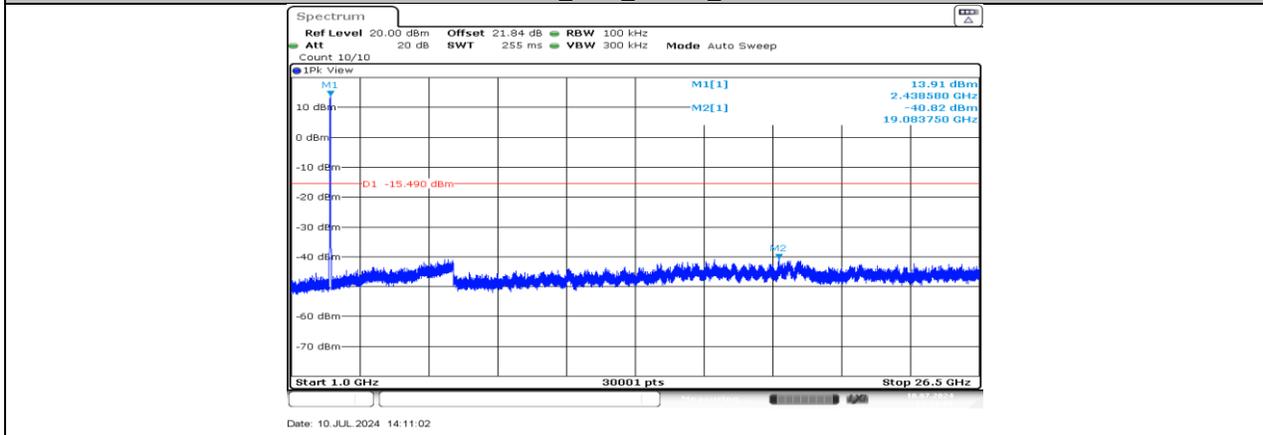
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SRD 20M_Ant4_2453.5_1000~26500

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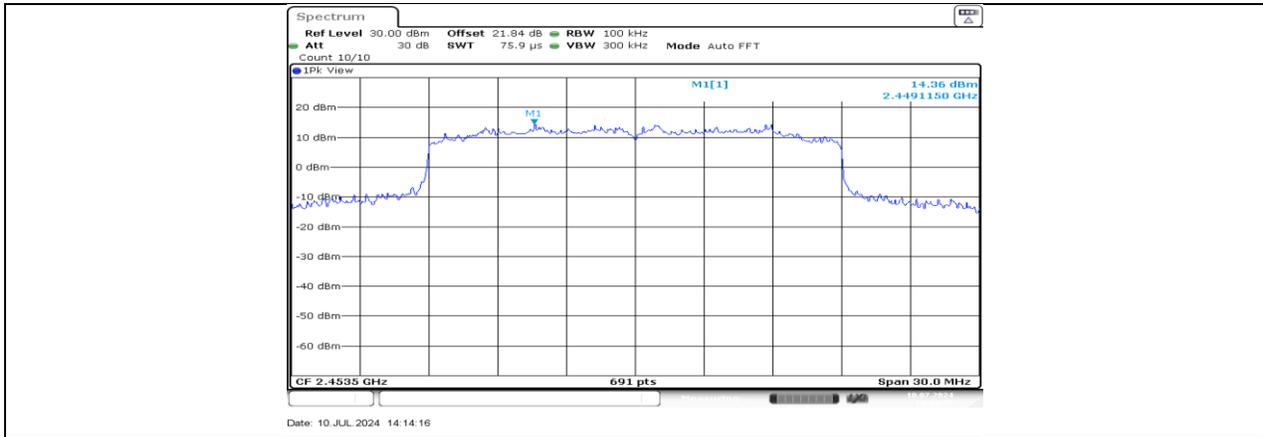
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SRD 20M_Ant5_2453.5_30~1000

SRD 20M_Ant5_2453.5_1000~26500

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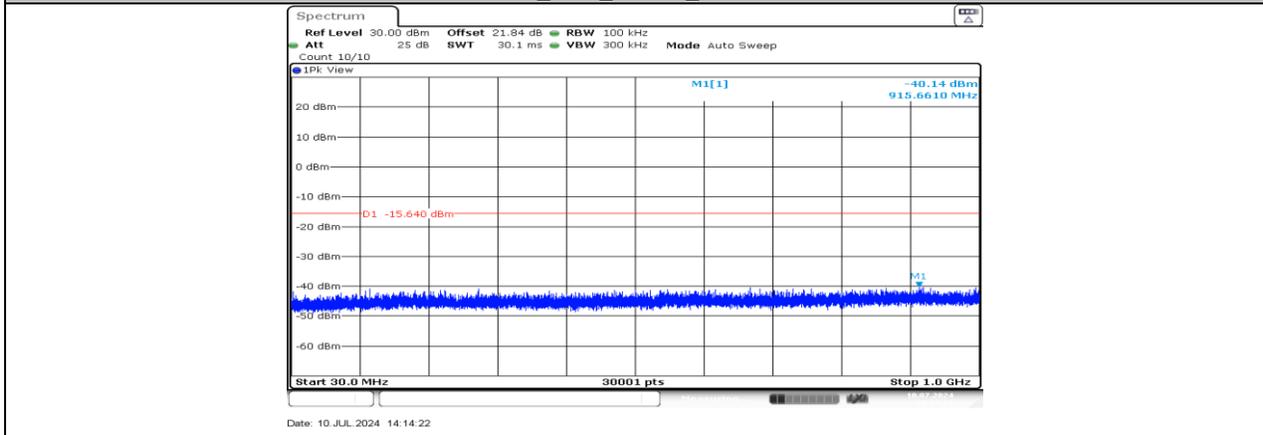
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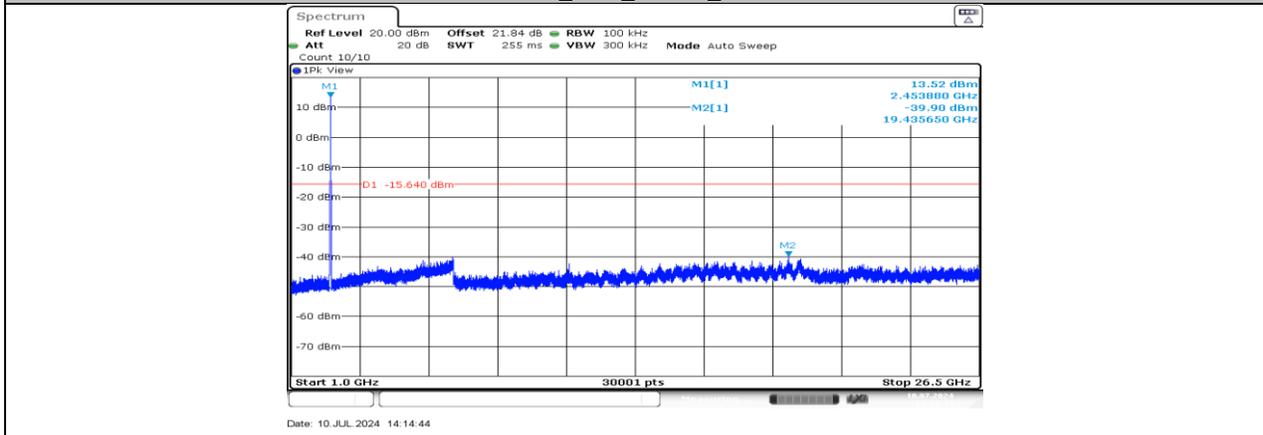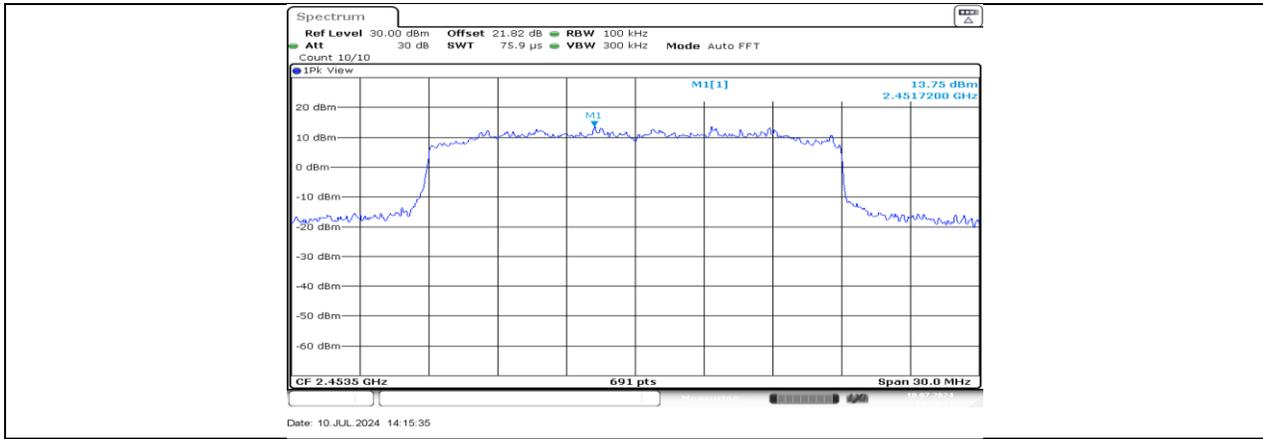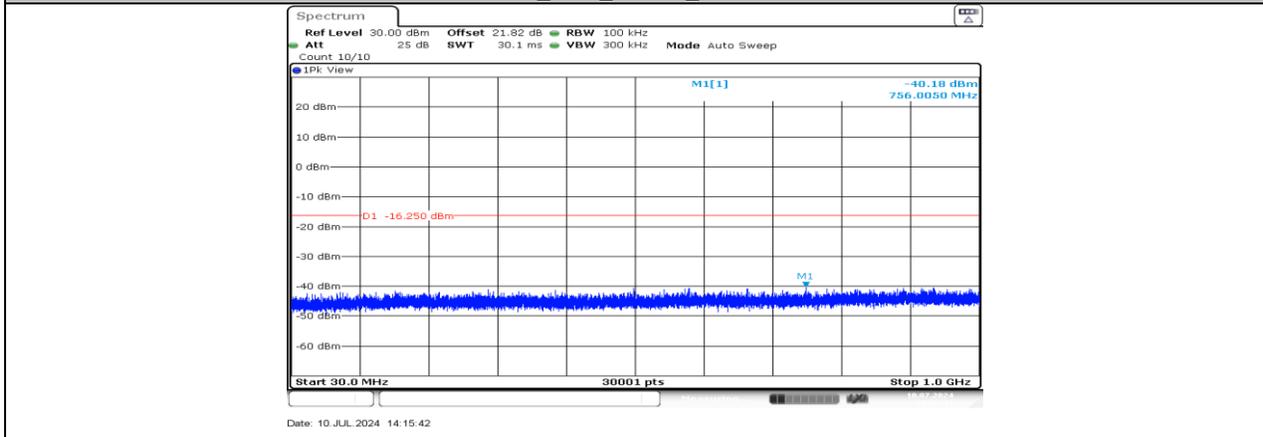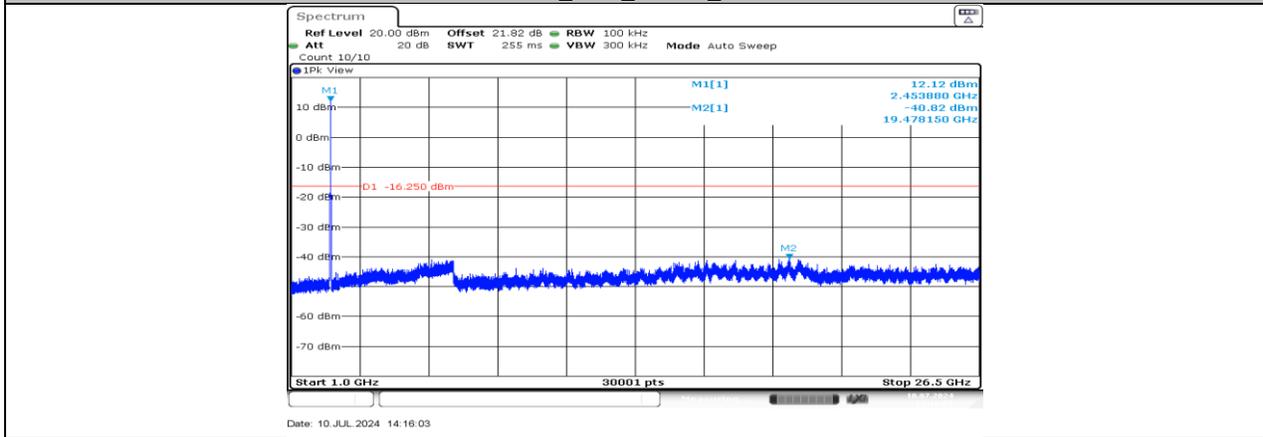

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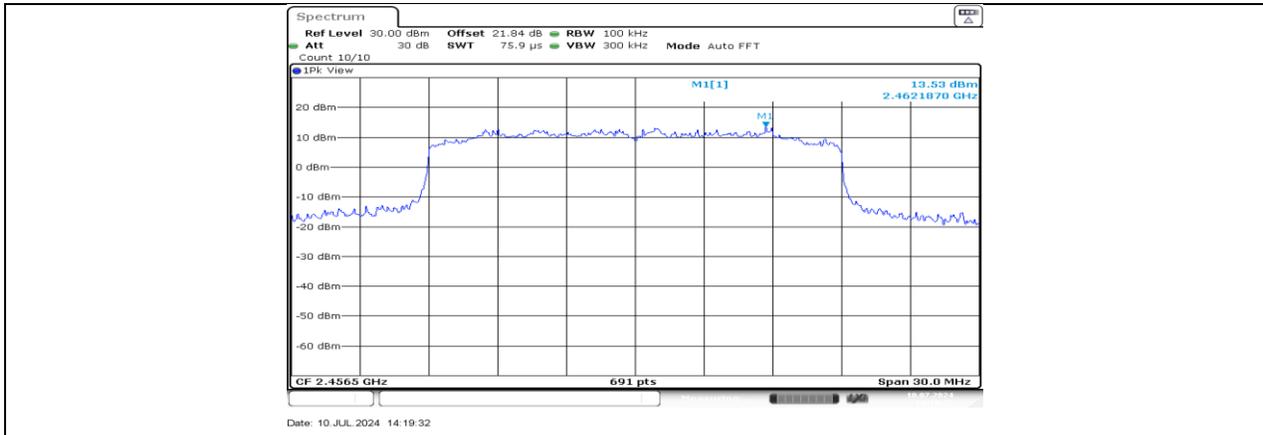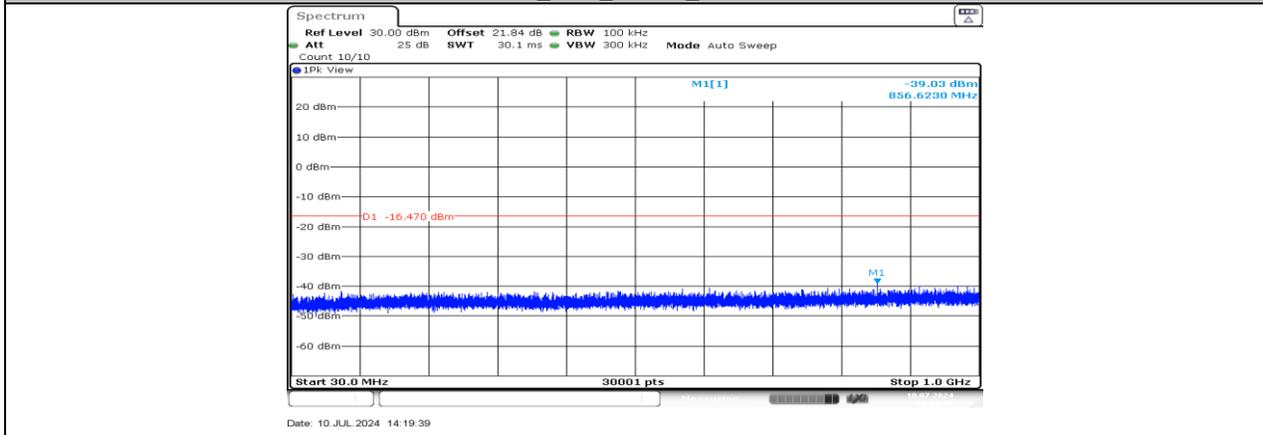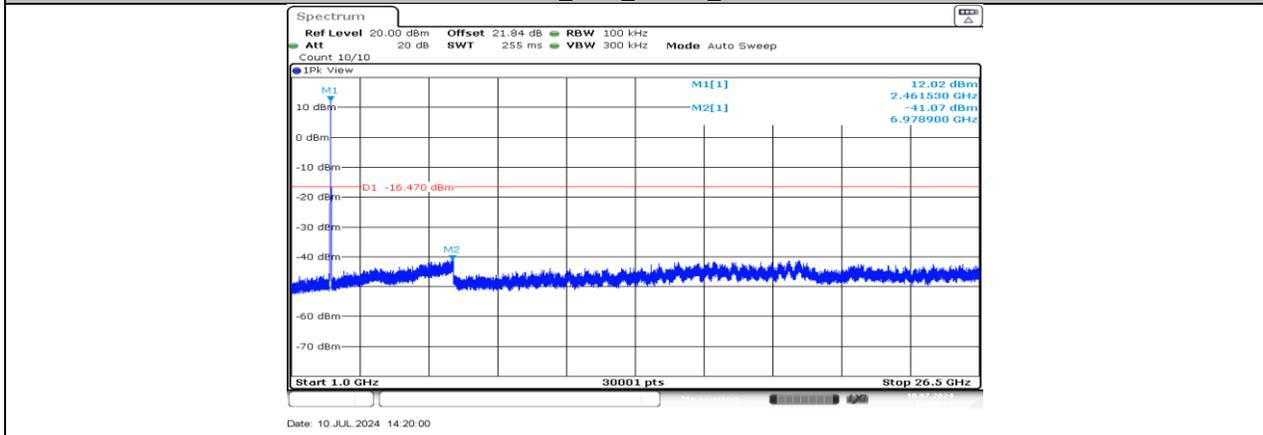

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SRD 20M_Ant5_2456.5_0~Reference

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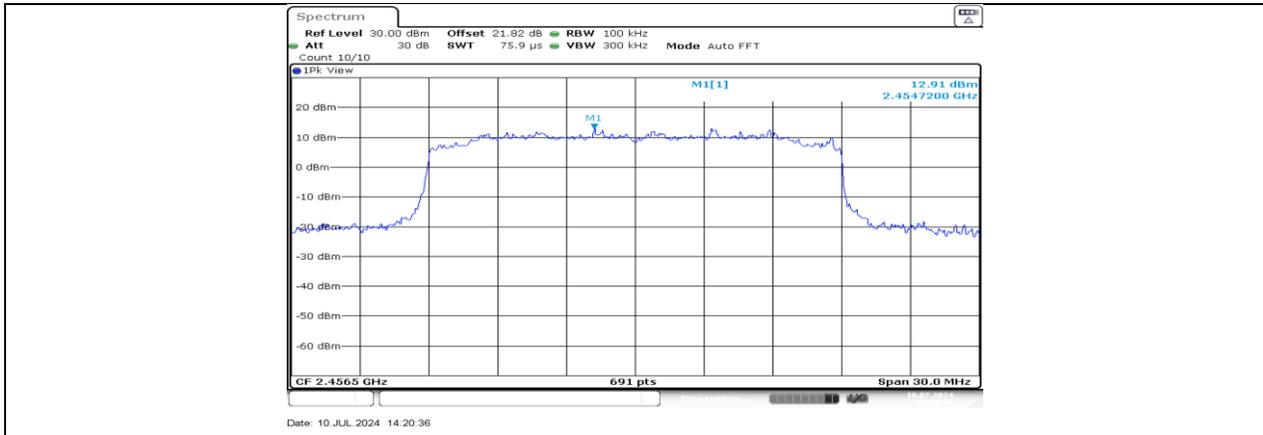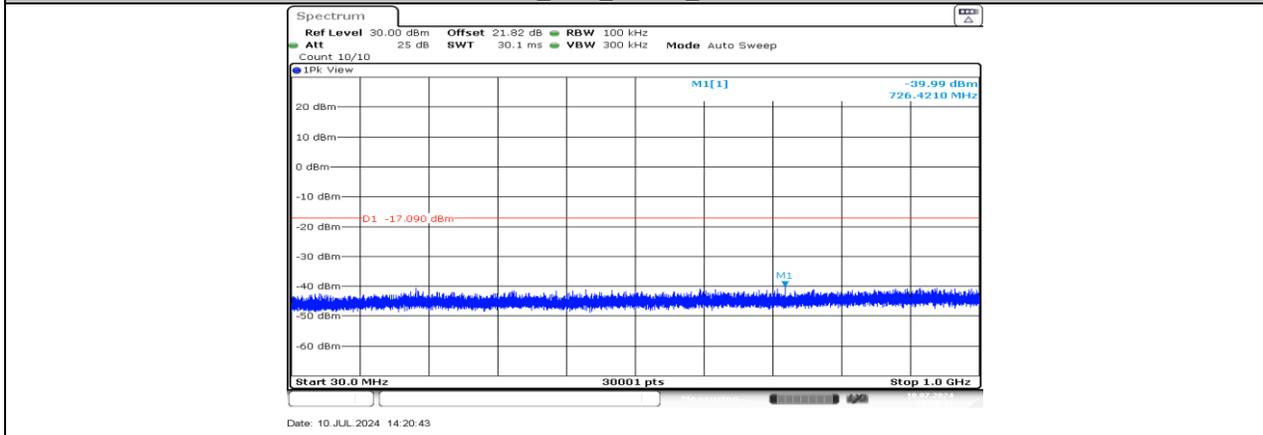
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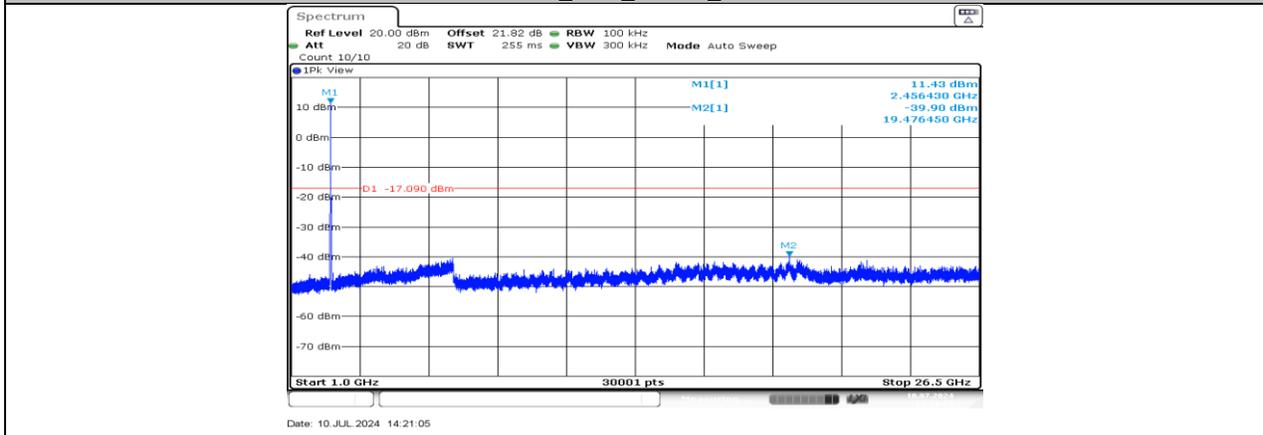

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SRD 20M_Ant4_2458.5_1000~26500

SRD 20M_Ant5_2458.5_0~Reference

SRD 20M_Ant5_2458.5_30~1000

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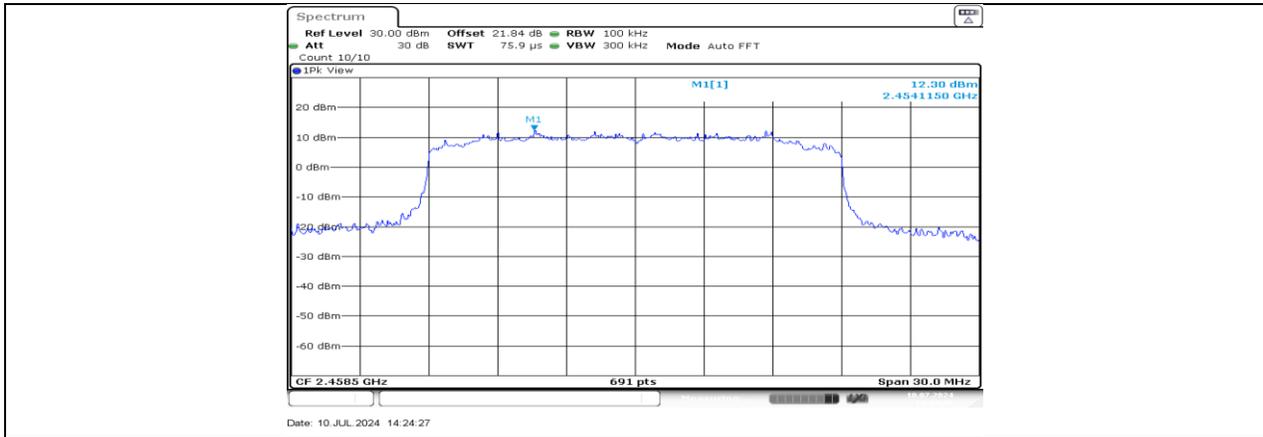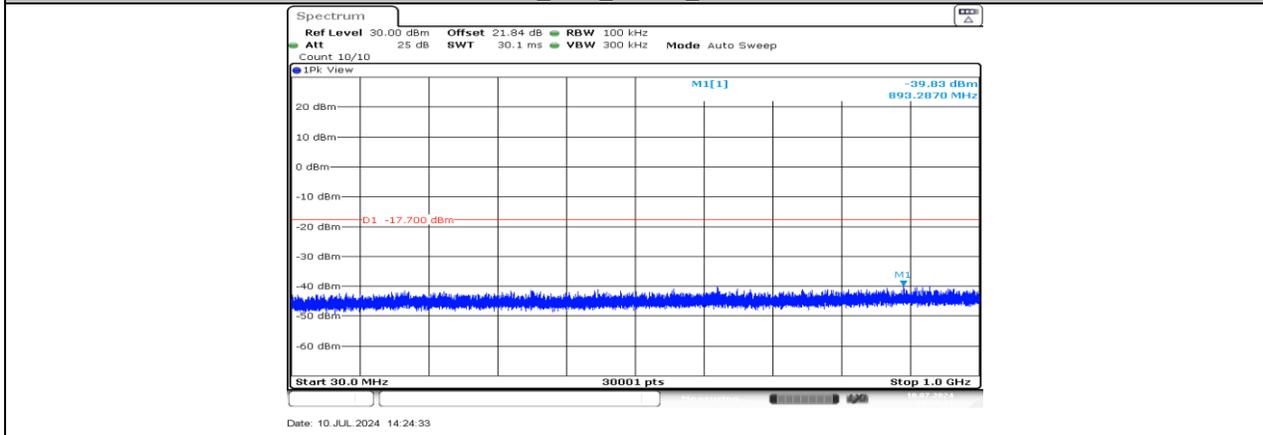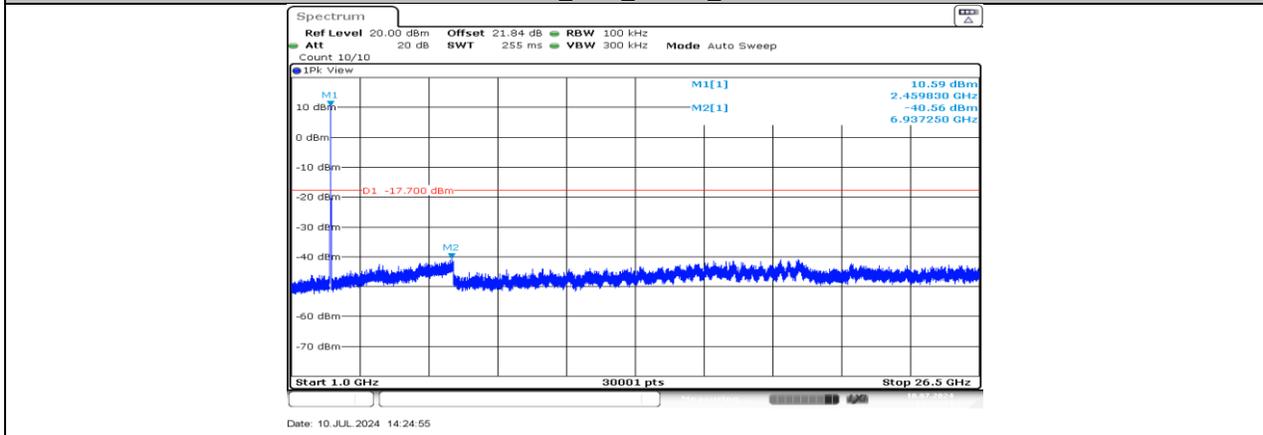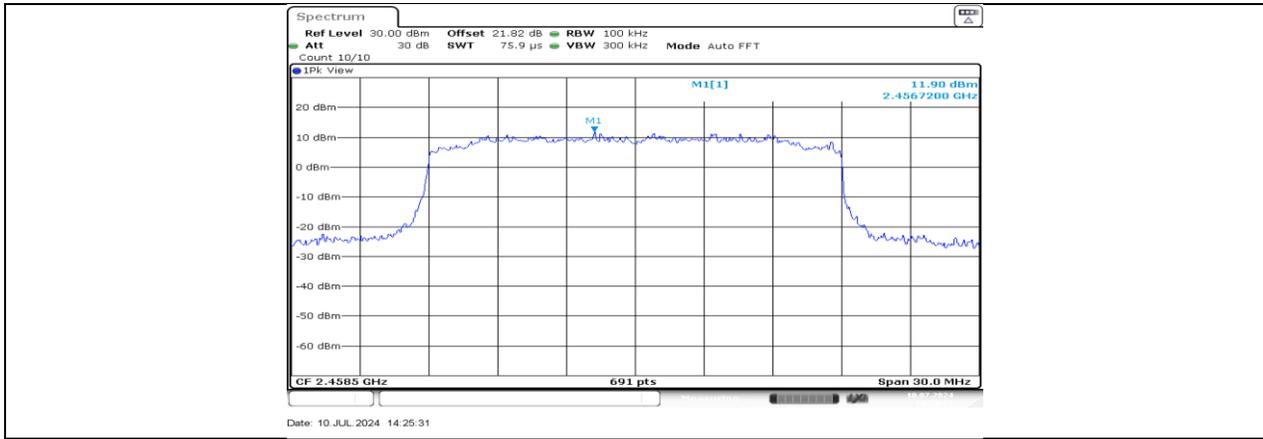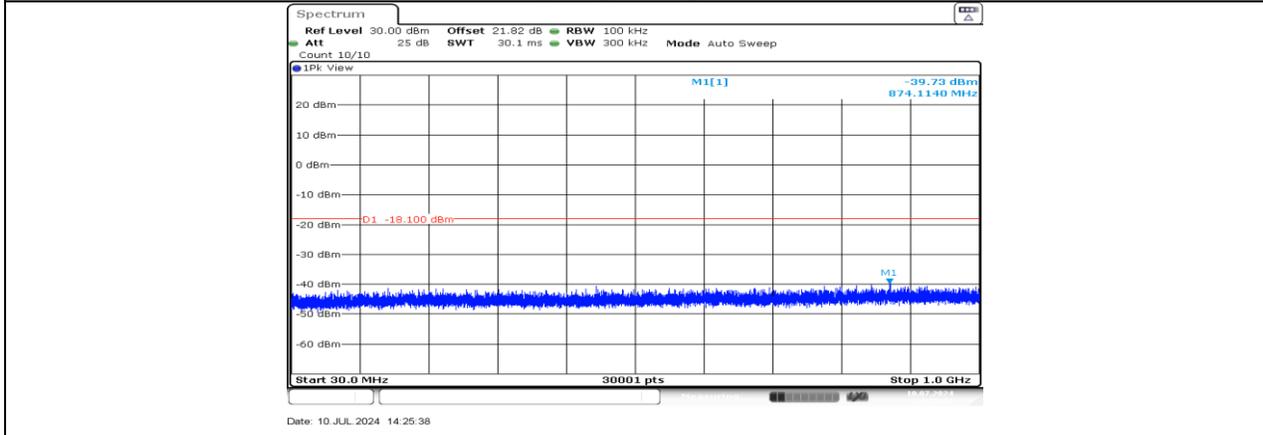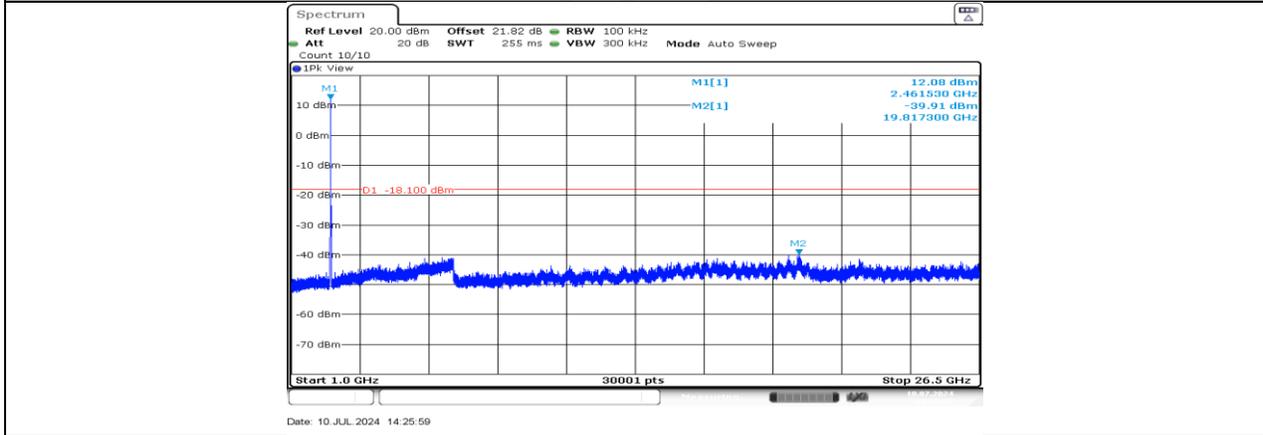SRD 20M_Ant4_2462.5_1000~26500

SRD 20M_Ant5_2462.5_0~Reference

SRD 20M_Ant5_2462.5_30~1000

SRD 20M_Ant5_2462.5_1000~26500

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SRD 40M_Ant4_2422.5_0~Reference

SRD 40M_Ant4_2422.5_30~1000

SRD 40M_Ant4_2422.5_1000~26500

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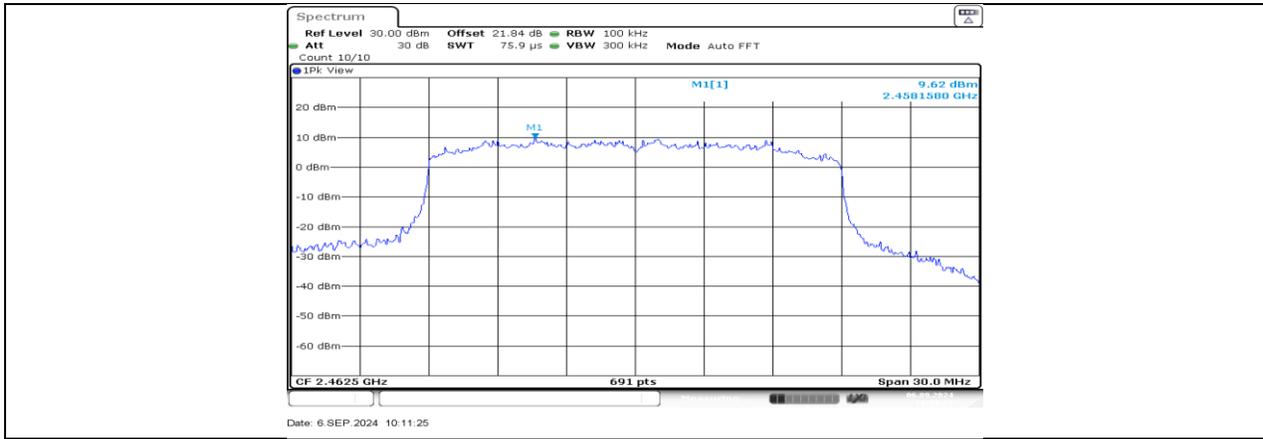
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SRD 40M_Ant5_2422.5_30~1000

SRD 40M_Ant5_2422.5_1000~26500

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SRD 40M_Ant4_2437.5_30~1000

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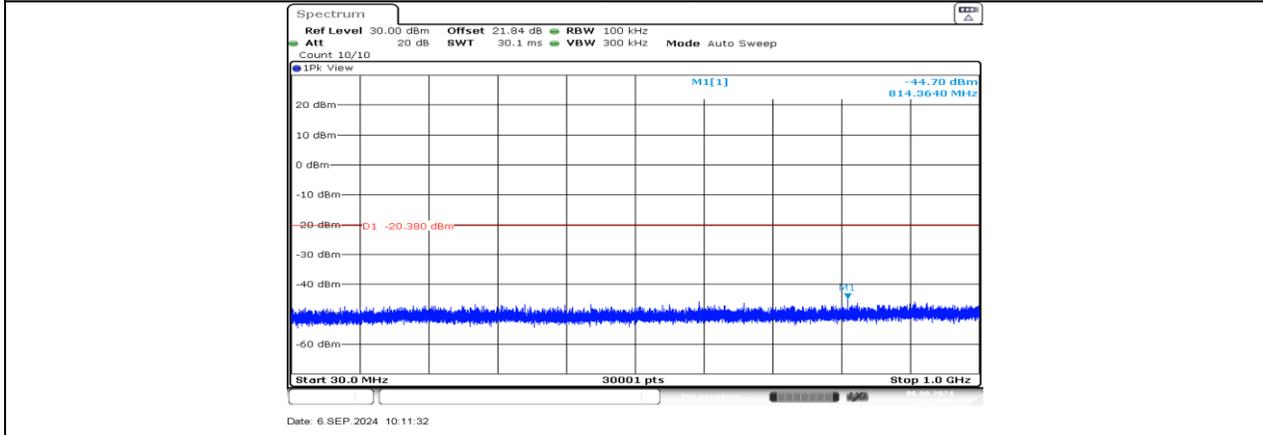
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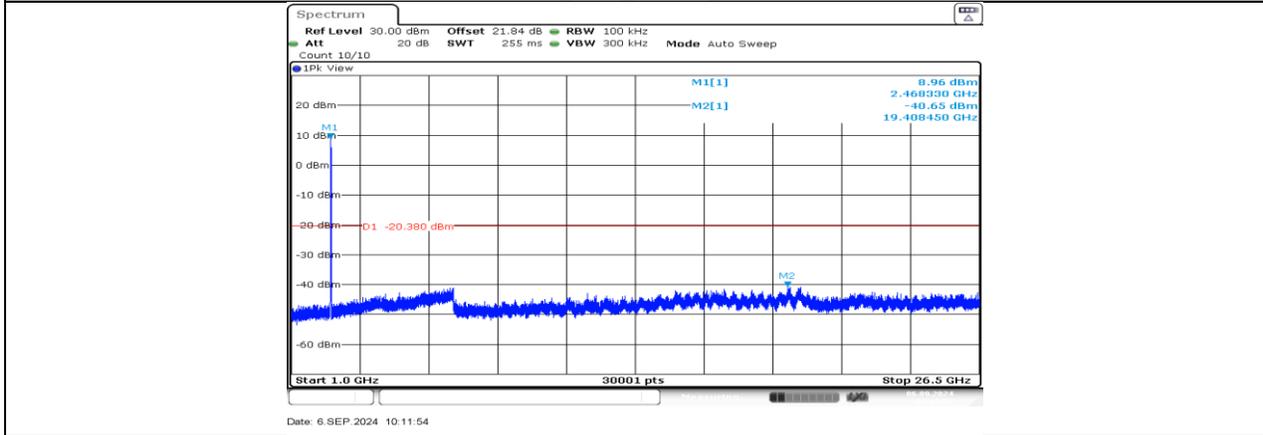

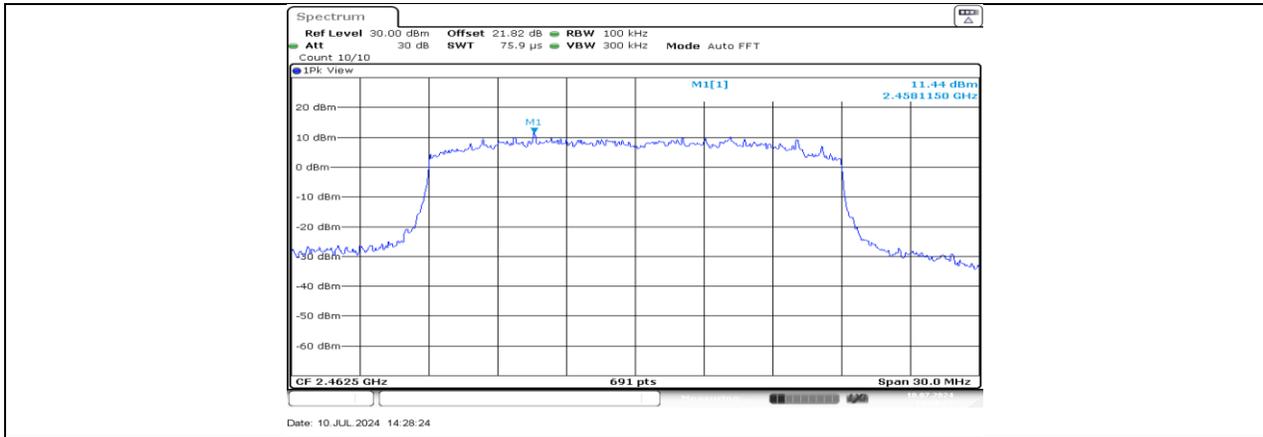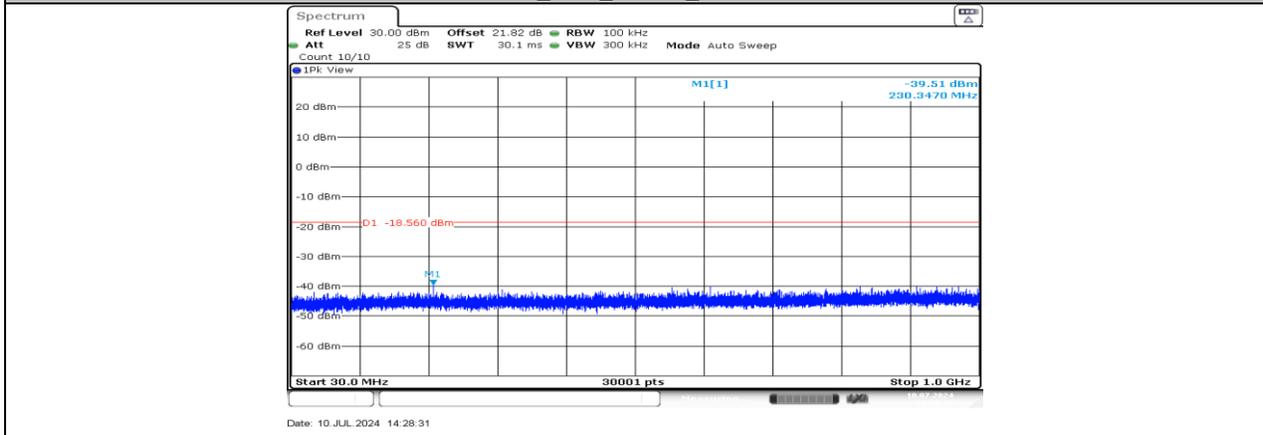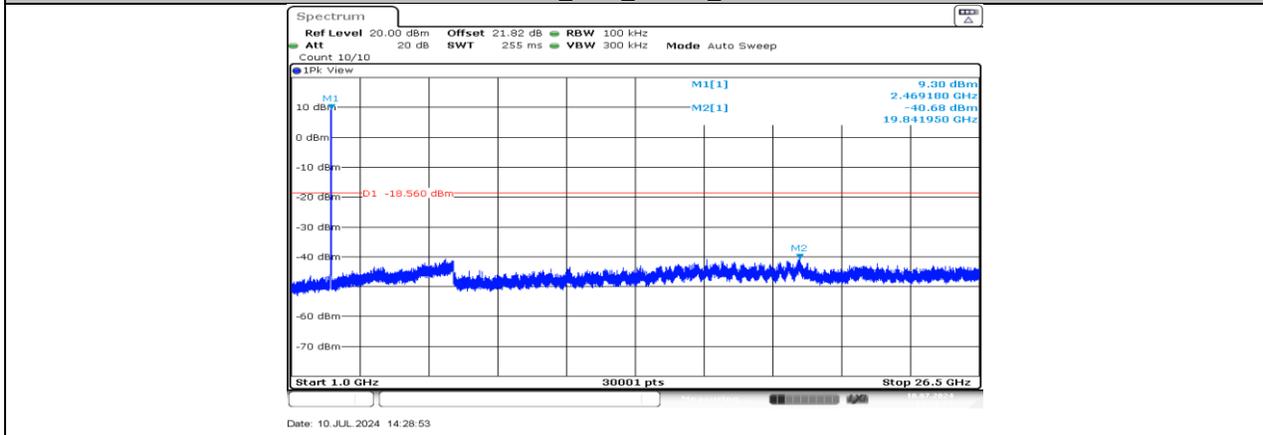SRD 40M_Ant5_2437.5_30~1000

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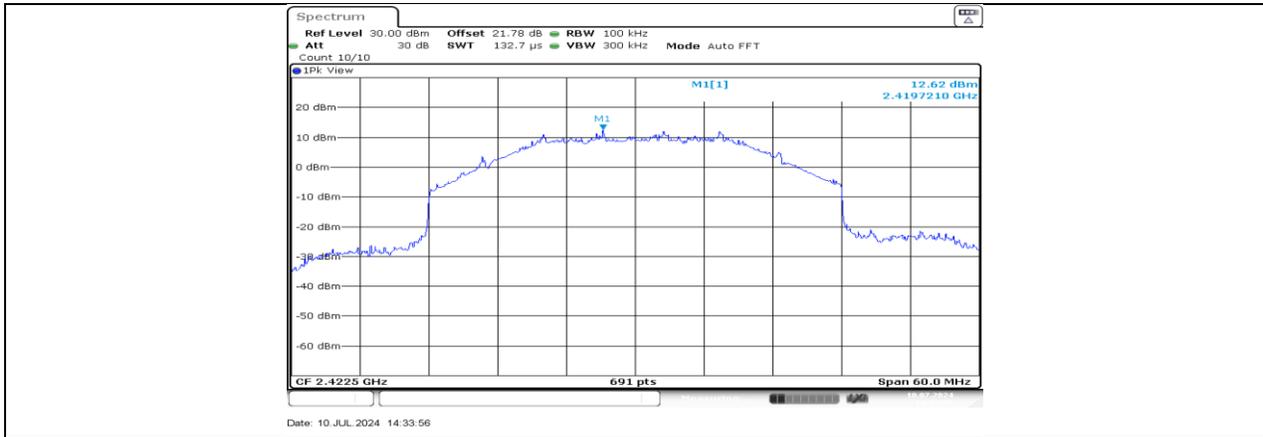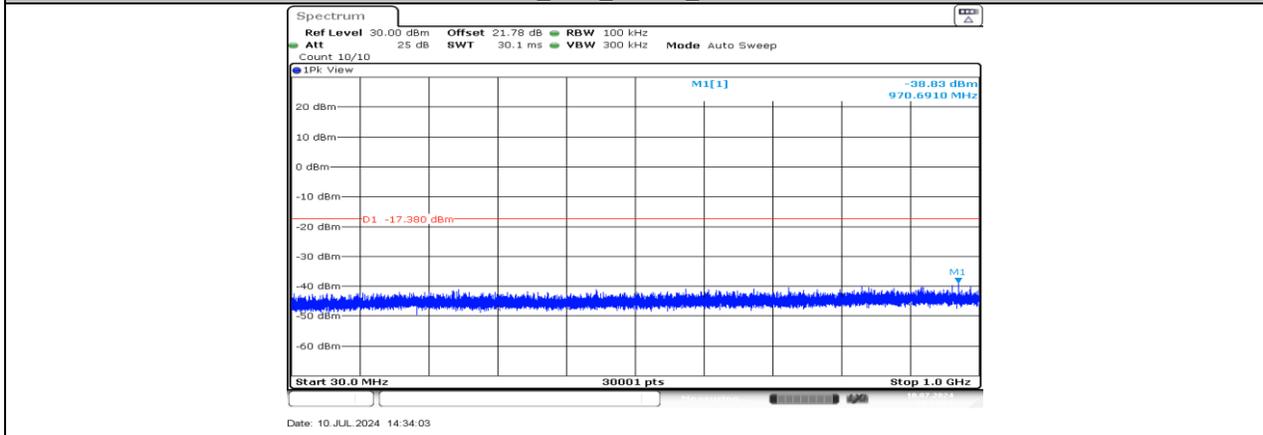SRD 40M_Ant4_2452.5_1000~26500

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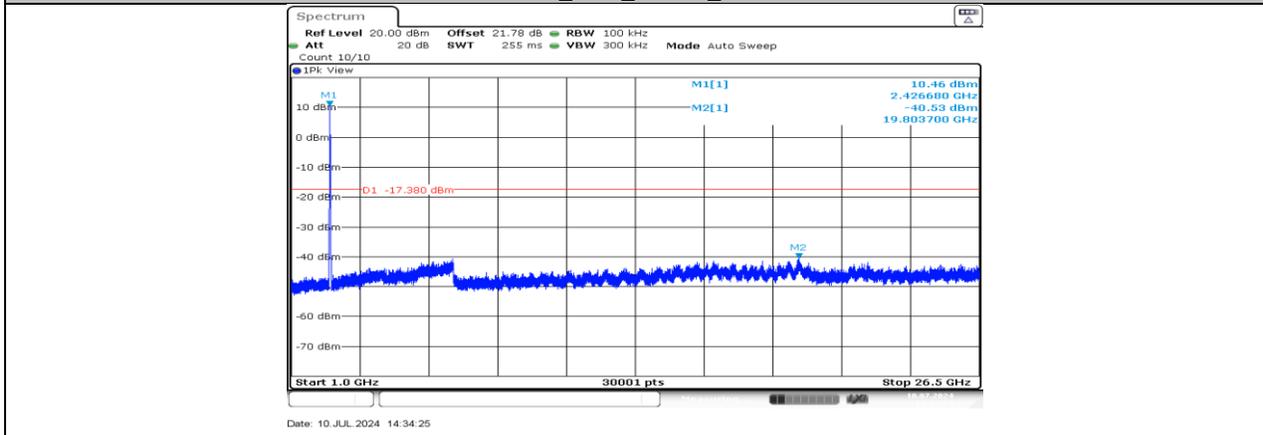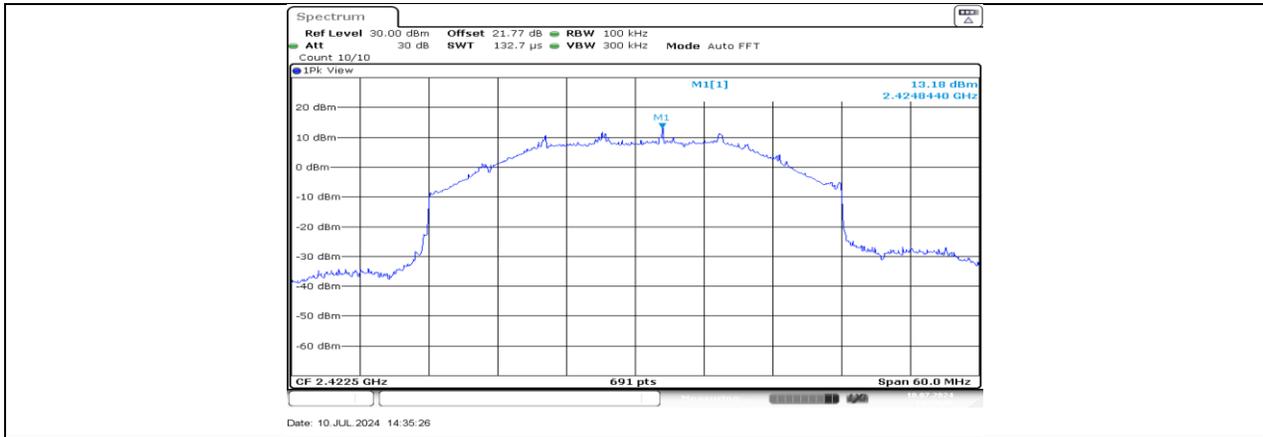

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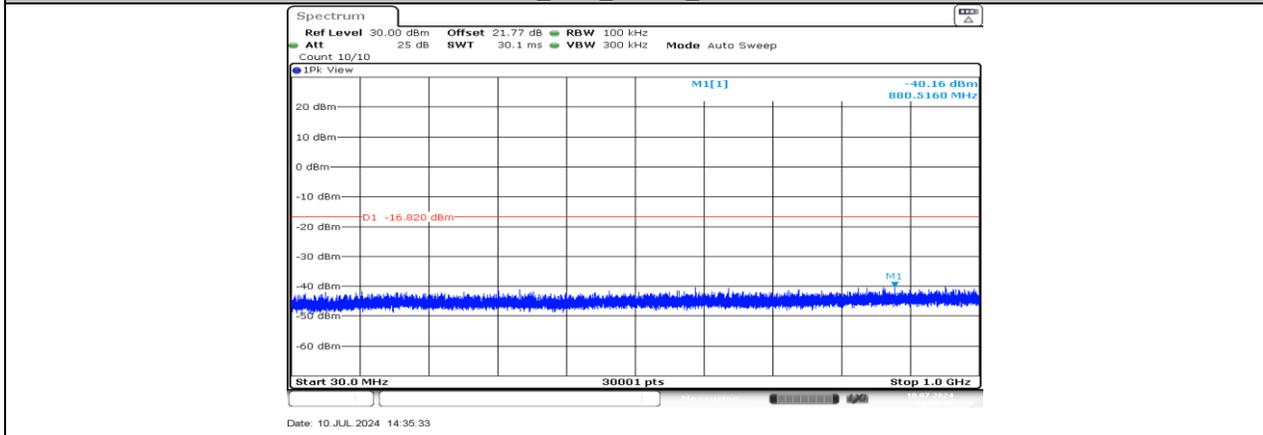
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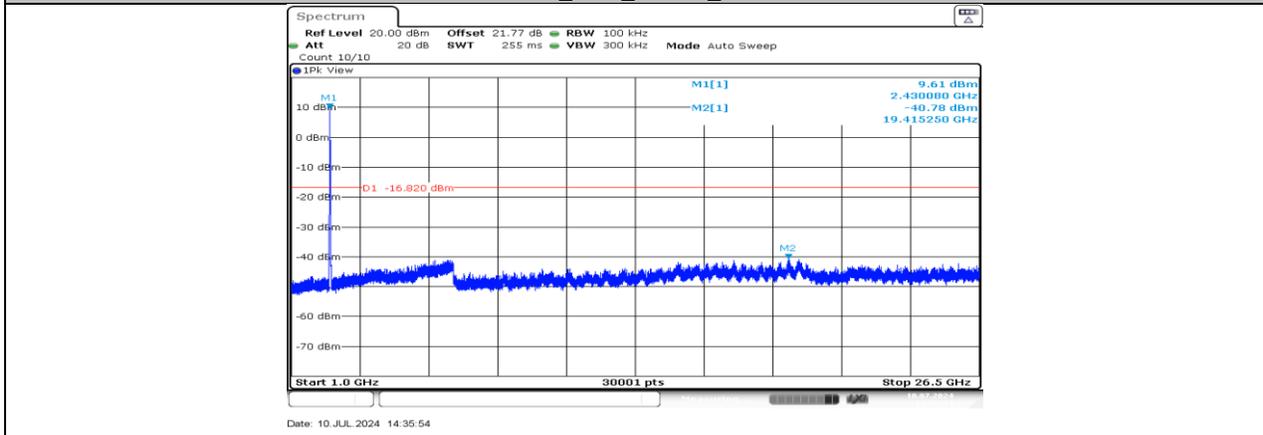

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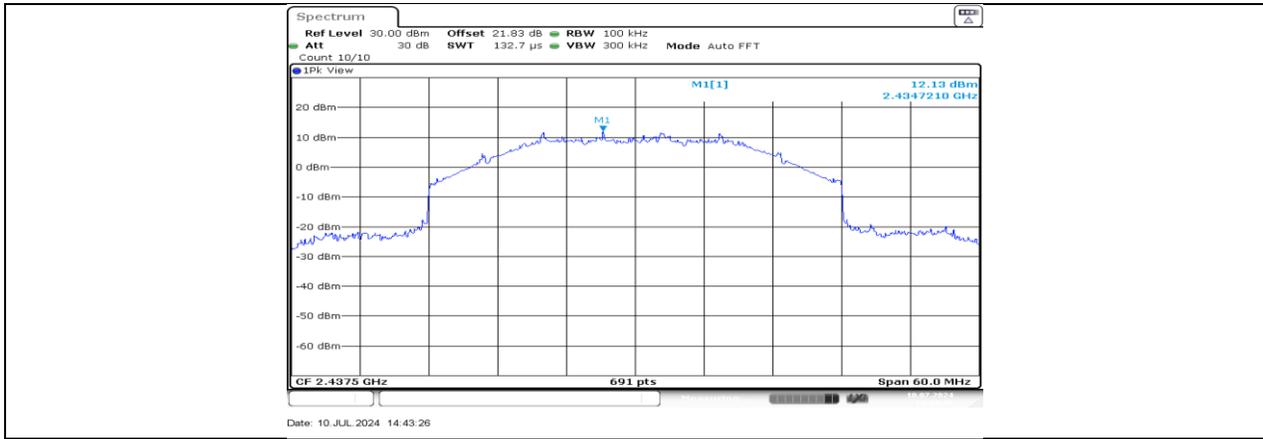SRD 60M_Ant4_2432.5_1000~26500

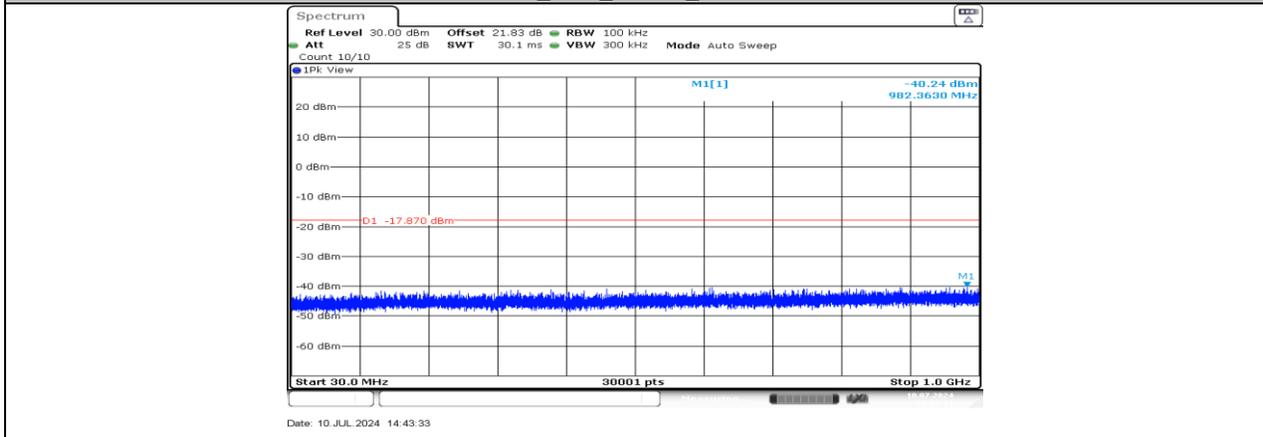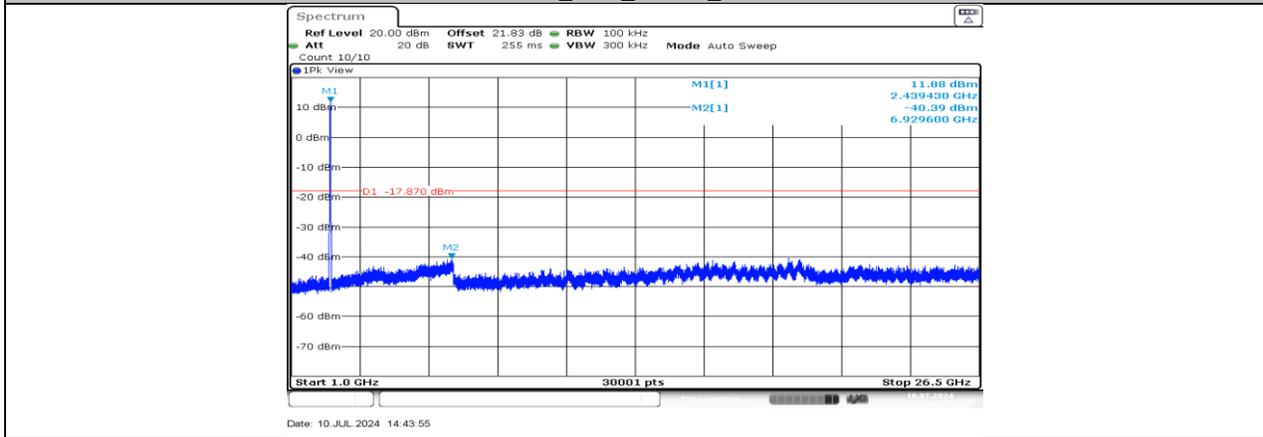SRD 60M_Ant5_2432.5_0~Reference

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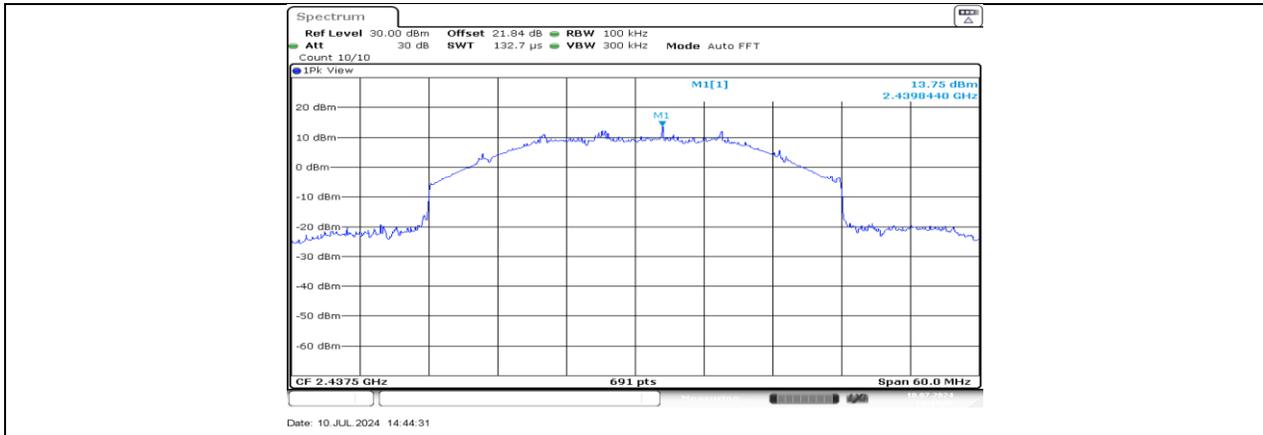SRD 60M_Ant5_2432.5_1000~26500

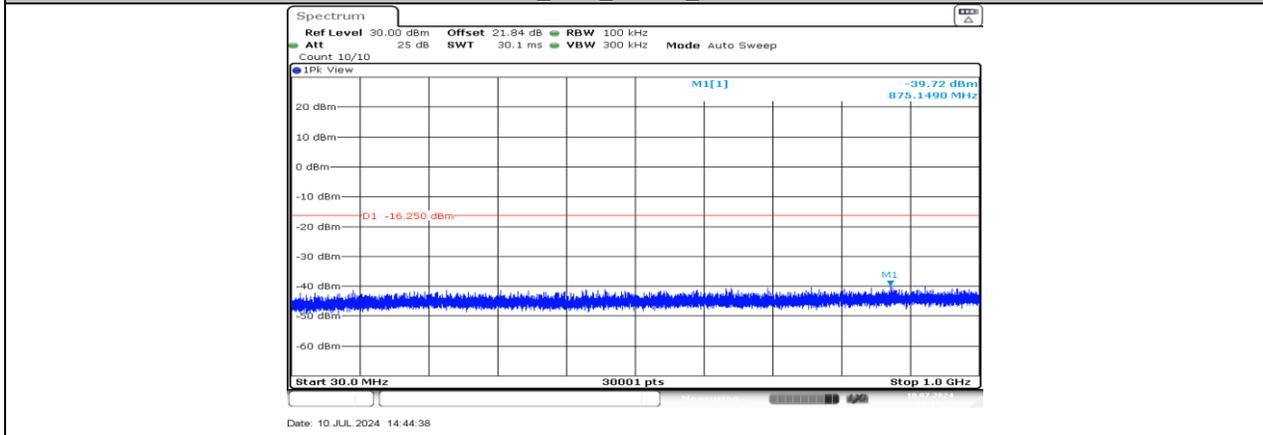SRD 60M_Ant4_2436.5_0~Reference

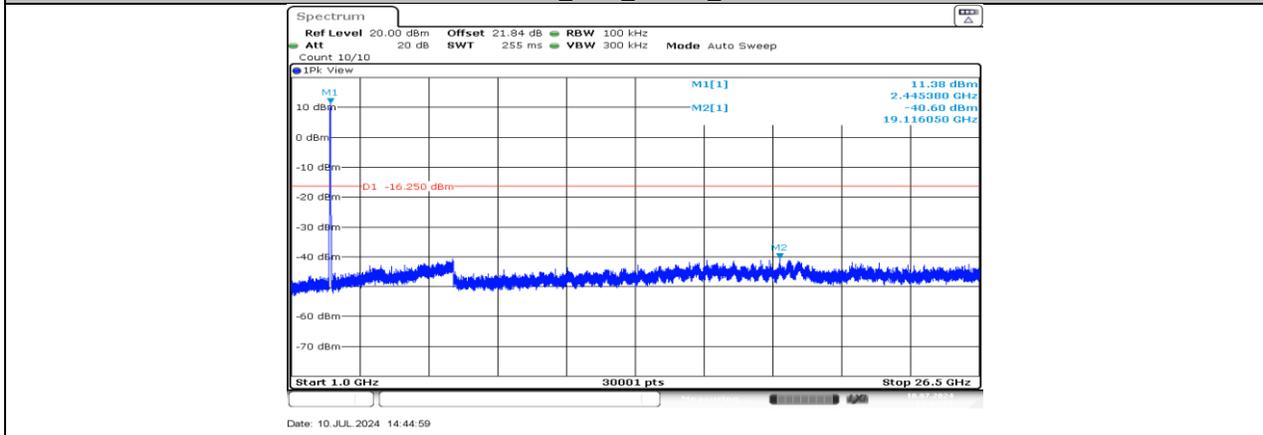

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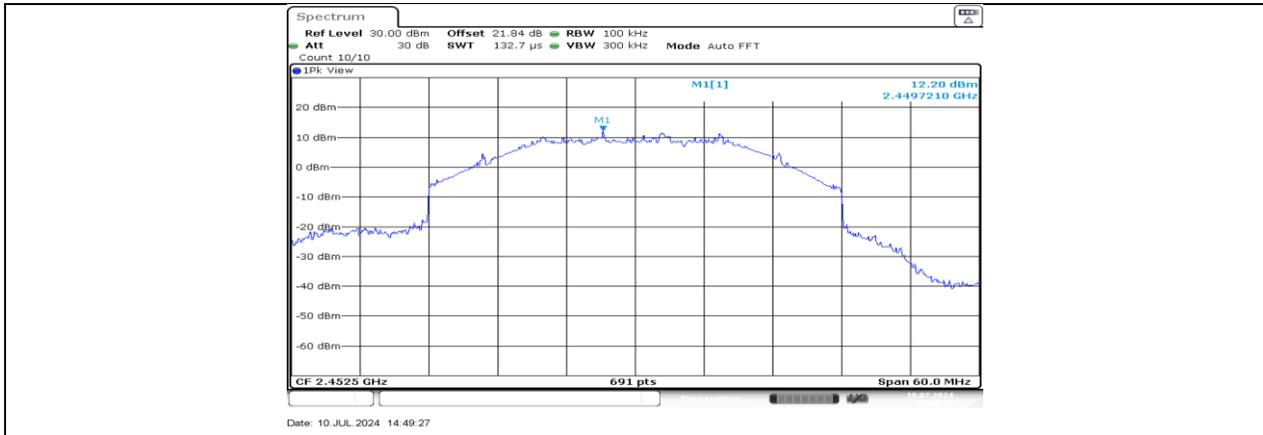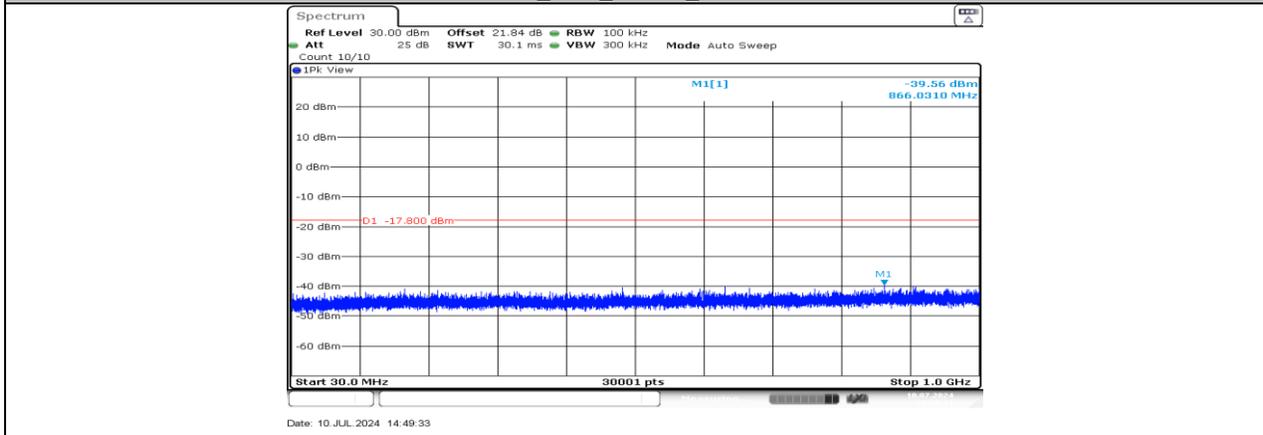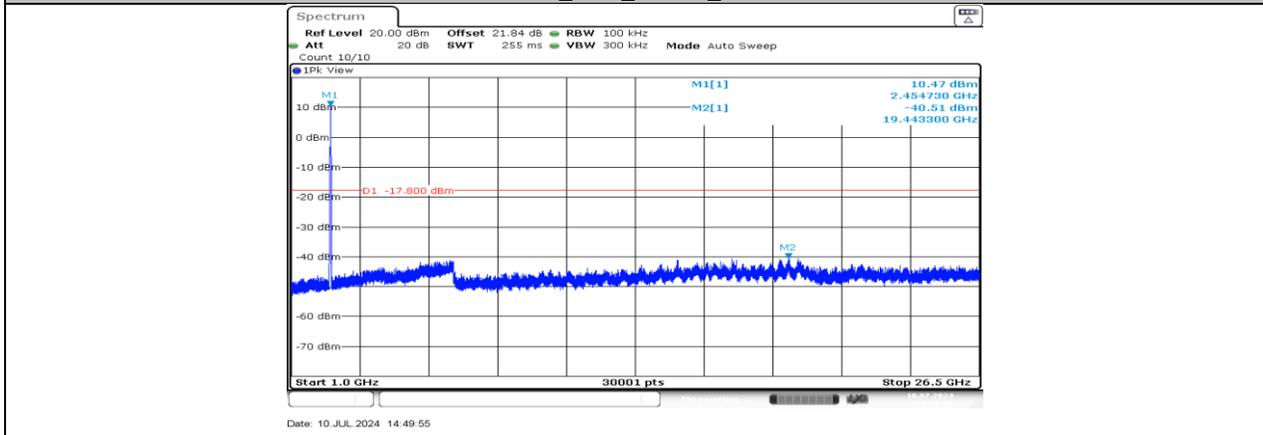

SRD 60M_Ant4_2436.5_1000~26500

SRD 60M_Ant5_2436.5_0~Reference

SRD 60M_Ant5_2436.5_30~1000

SRD 60M_Ant5_2436.5_1000~26500

UL Solutions

Spectrum

Ref Level 30.00 dBm   Offset 21.83 dB RBW 100 kHz
Att   30 dB   SWT 132.7 μs VBW 300 kHz   Mode Auto FFT
Count 10/10

1Pk View   M1[1]   9.30 dBm
                                                               2.4402790 GHz

Date: 10.JUL.2024 15:04:35

SRD 60M_Ant4_2437.5_0~Reference

Spectrum

Ref Level 30.00 dBm   Offset 21.83 dB RBW 100 kHz
Att   25 dB   SWT   30.1 ms VBW 300 kHz   Mode Auto Sweep
Count 10/10

1Pk View   M1[1]   -39.64 dBm
                                                               536.8890 MHz

D1 -20.700 dBm

Start 30.0 MHz   30001 pts   Stop 1.0 GHz

Date: 10.JUL.2024 15:04:42

SRD 60M_Ant4_2437.5_30~1000

Spectrum

Ref Level 20.00 dBm   Offset 21.83 dB RBW 100 kHz
Att   20 dB   SWT   255 ms VBW 300 kHz   Mode Auto Sweep
Count 10/10

1Pk View   M1[1]   9.59 dBm
                                                               2.427530 GHz
                                            M2[1]   -40.05 dBm
                                                               6.977200 GHz

D1 -20.700 dBm

Start 1.0 GHz   30001 pts   Stop 26.5 GHz

Date: 10.JUL.2024 15:05:04

SRD 60M_Ant4_2437.5_1000~26500

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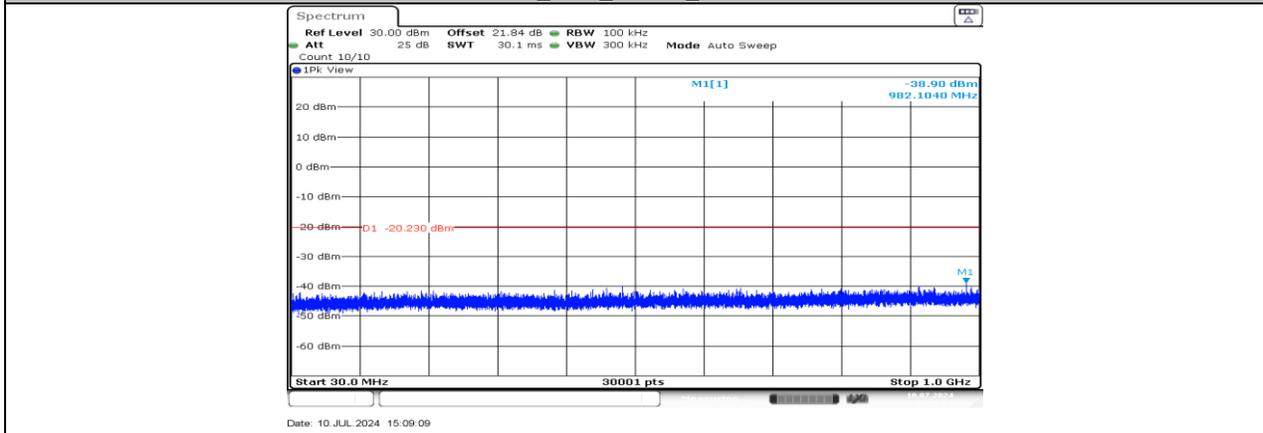
SRD 60M_Ant5_2437.5_30~1000

SRD 60M_Ant5_2437.5_1000~26500

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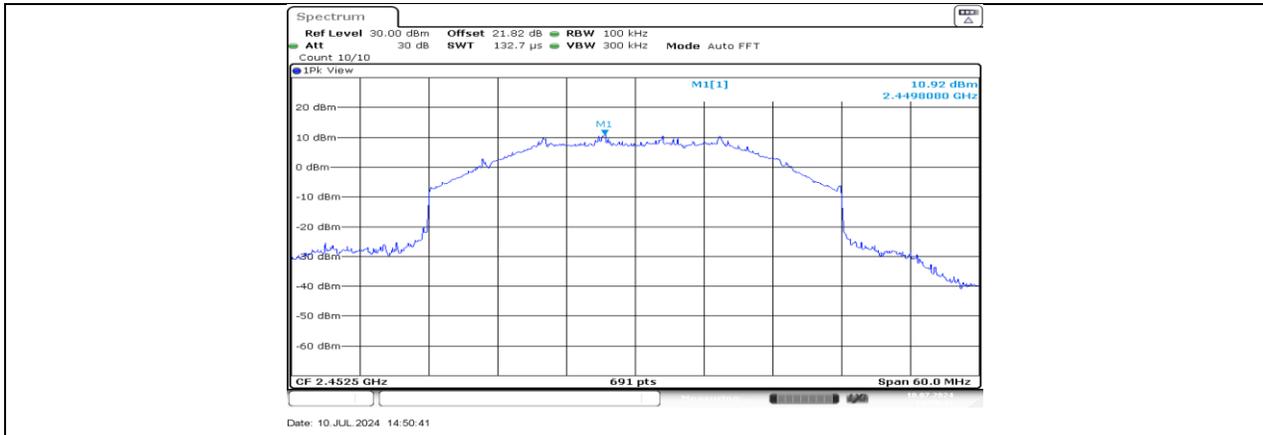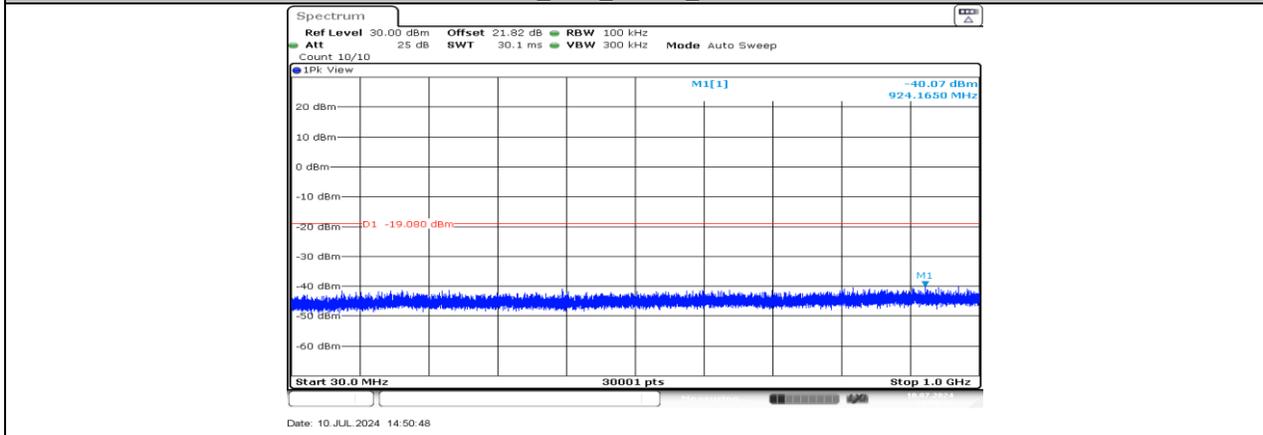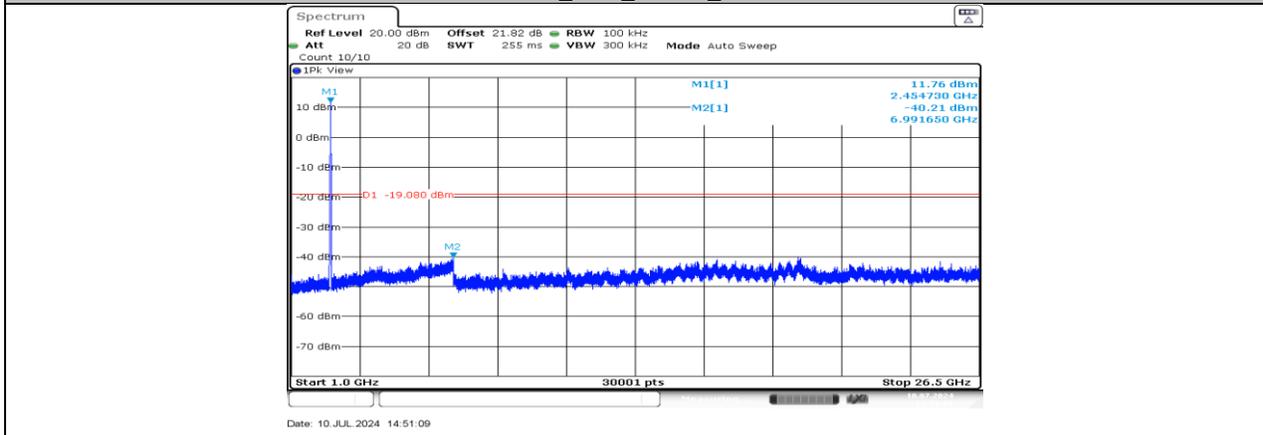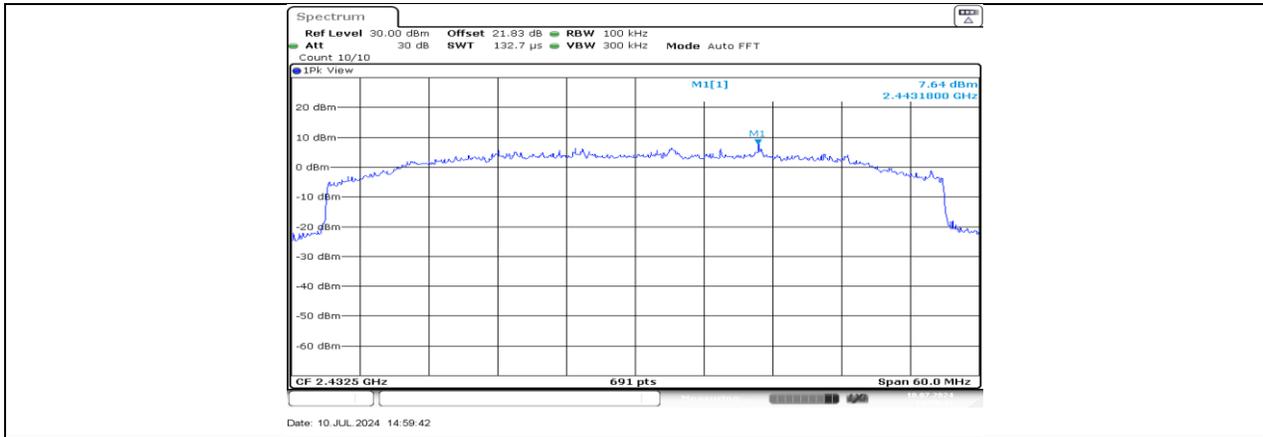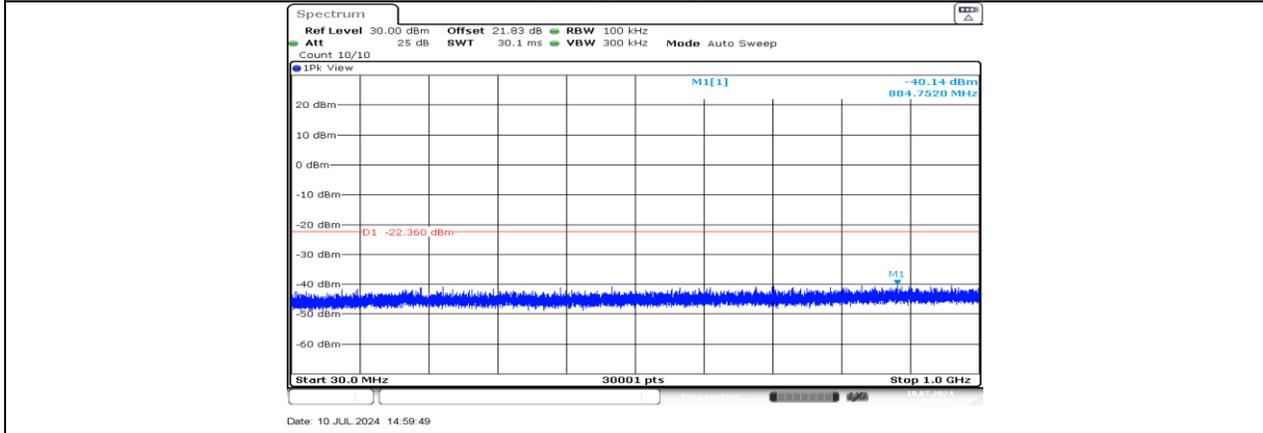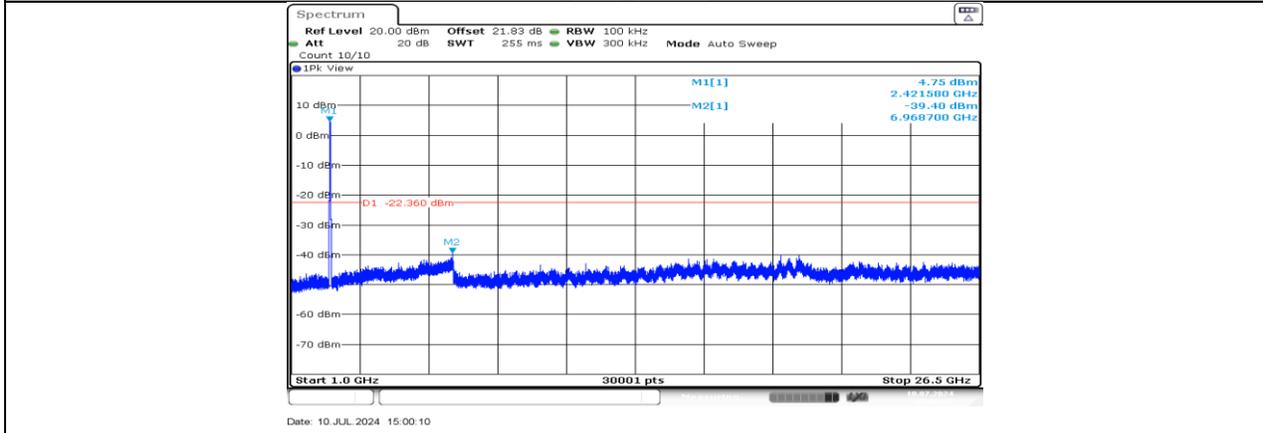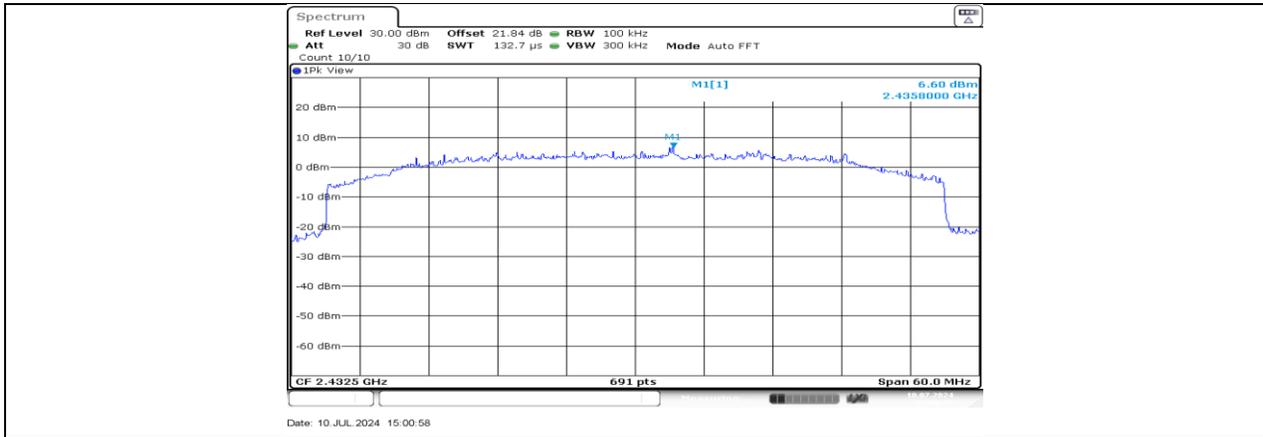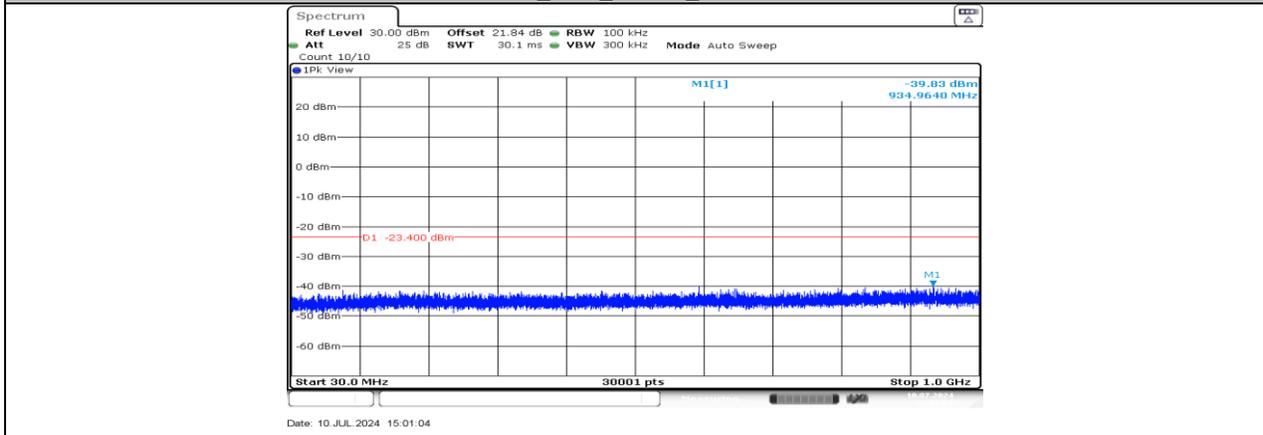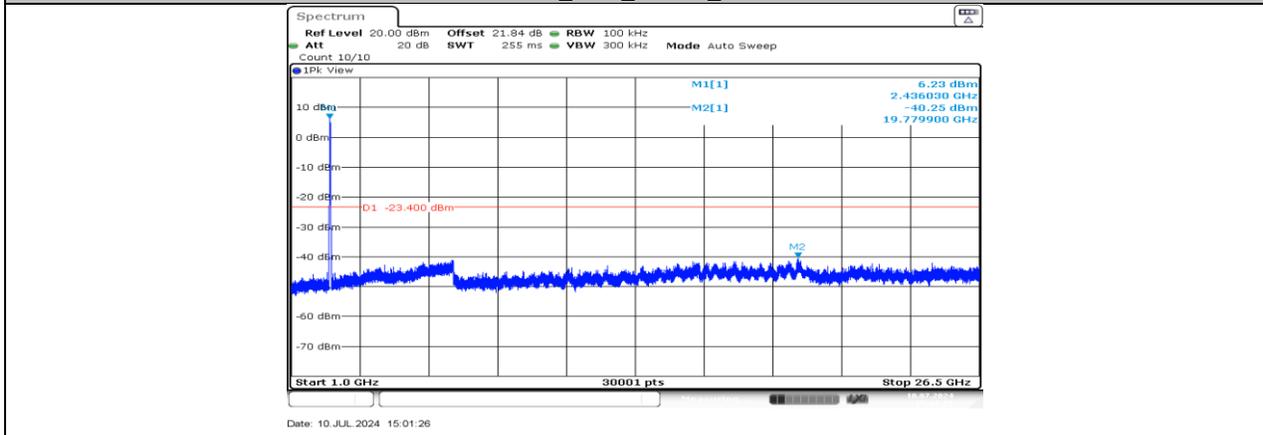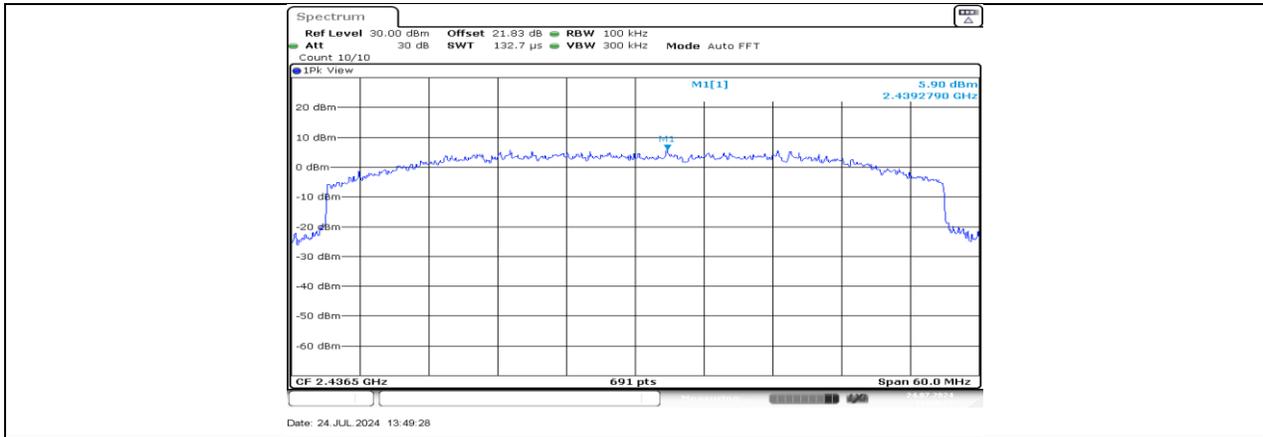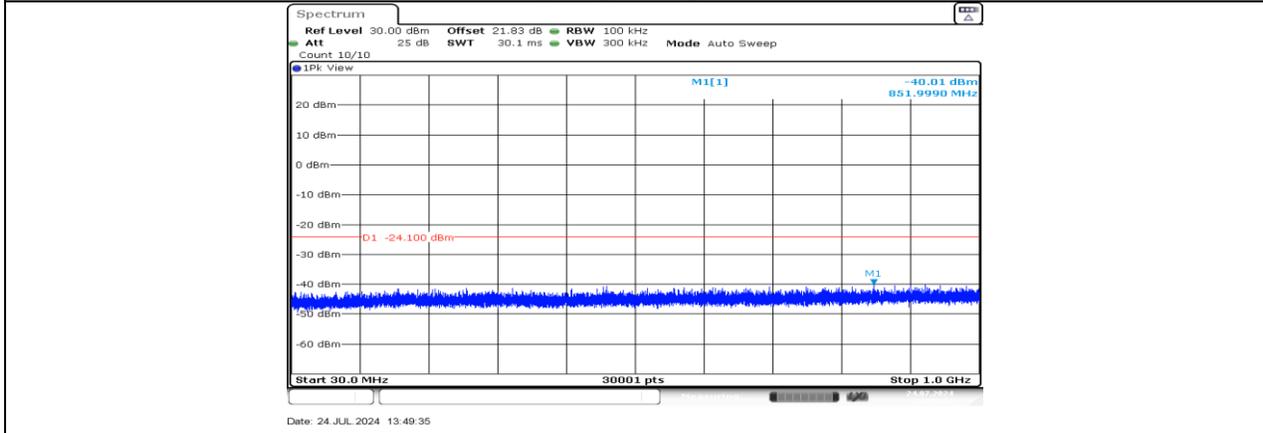
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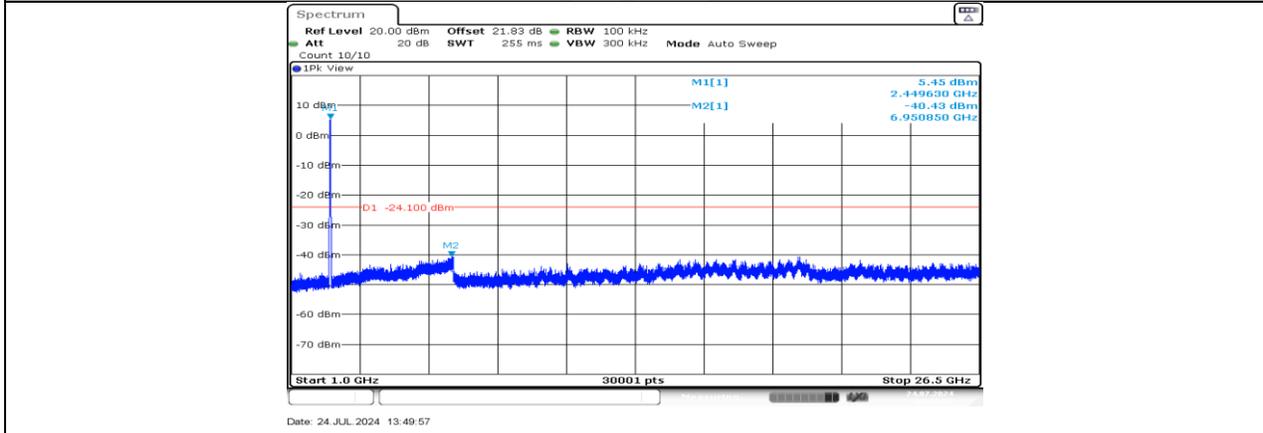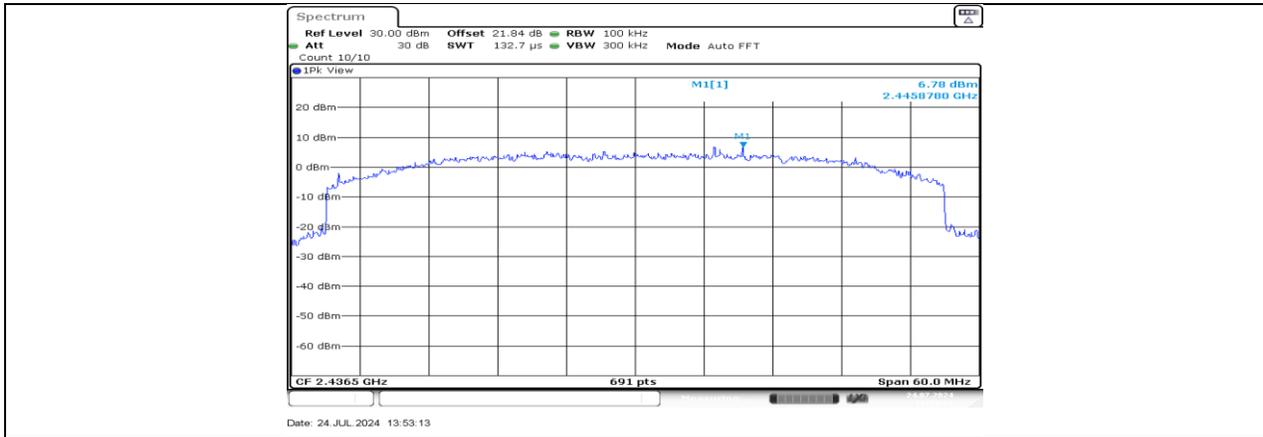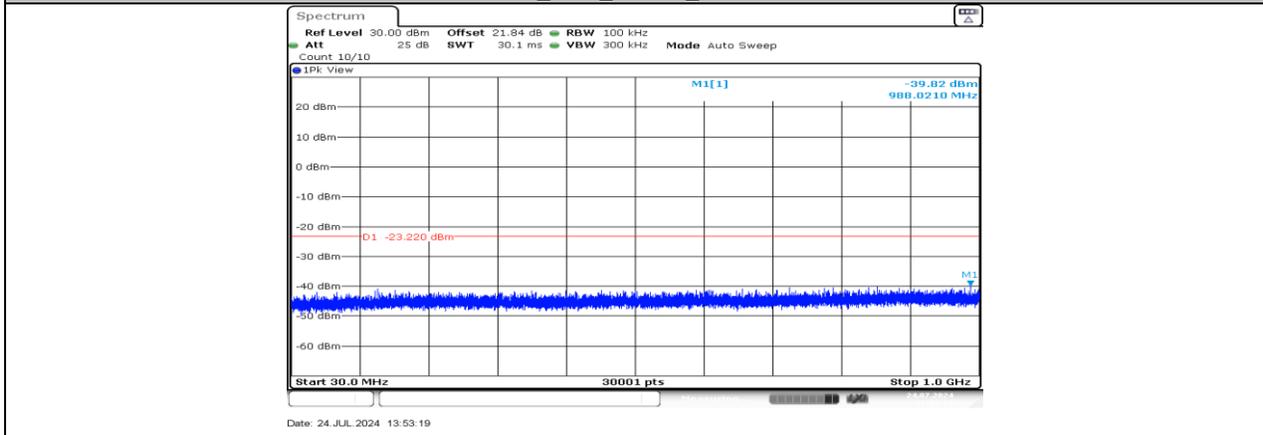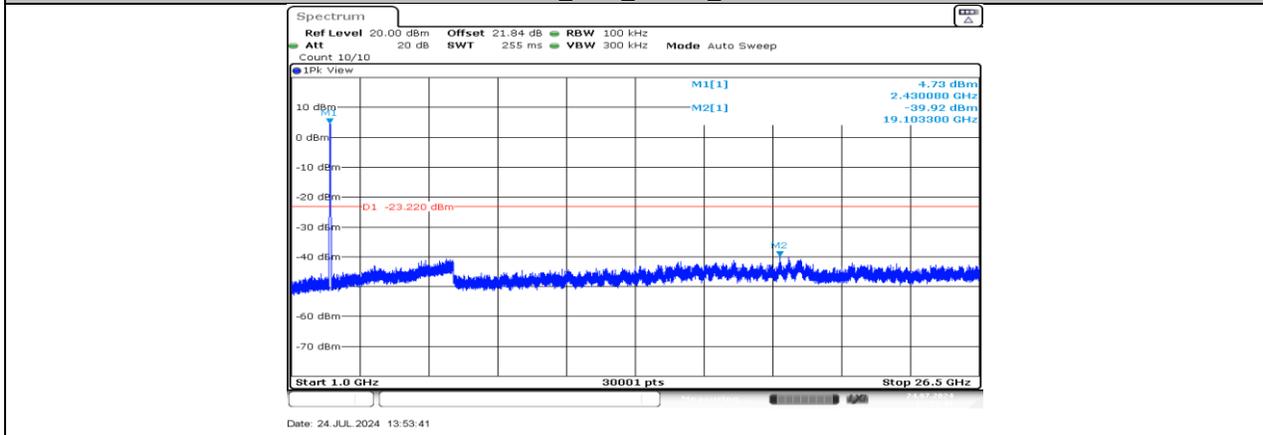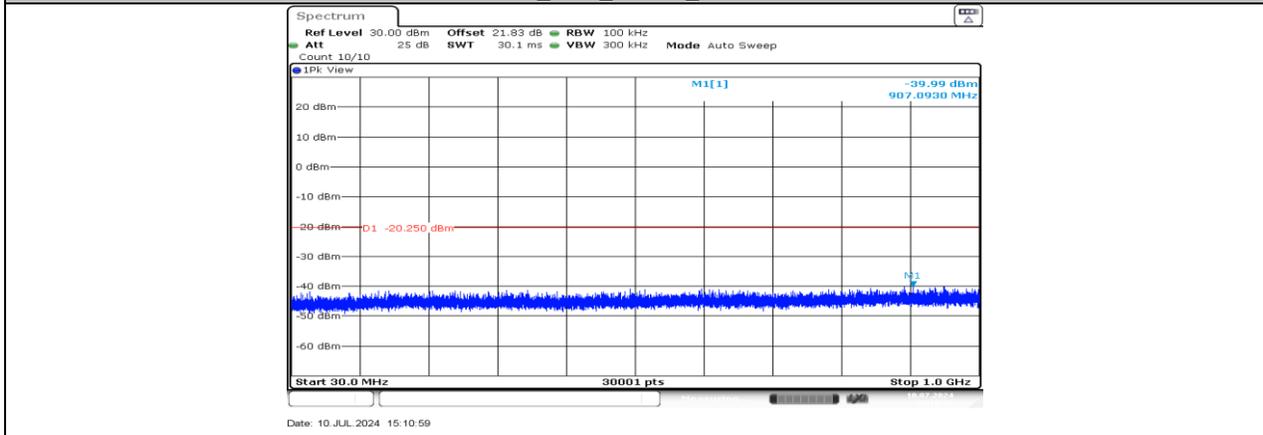

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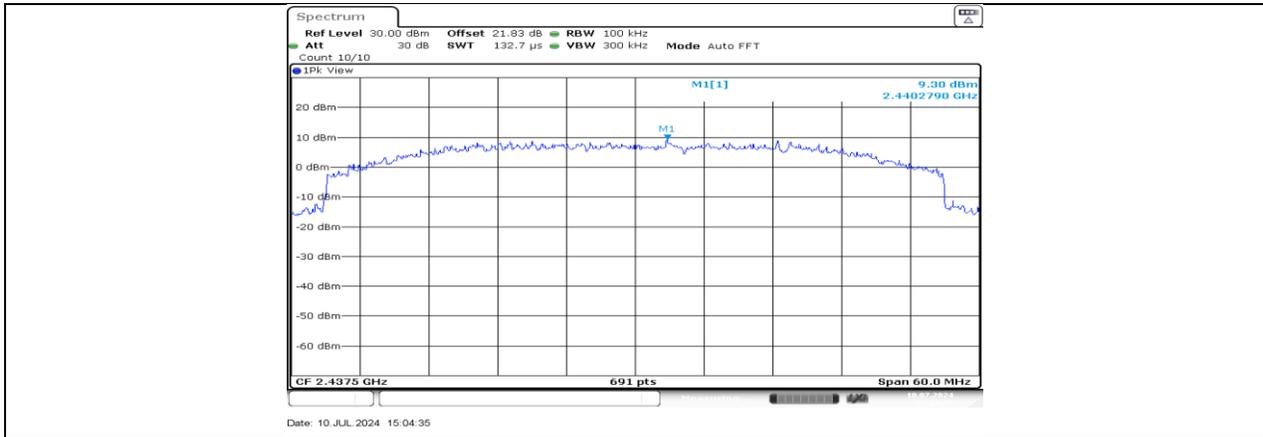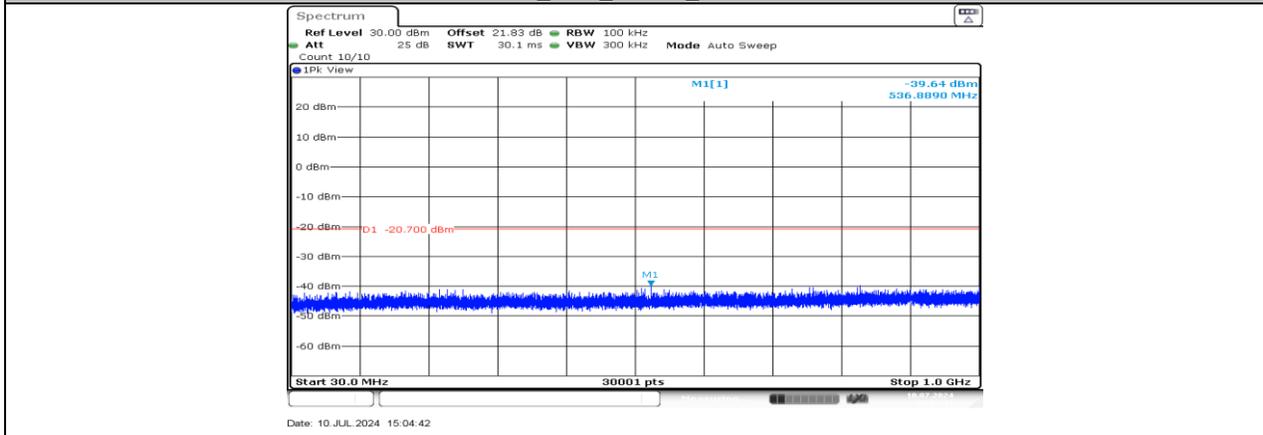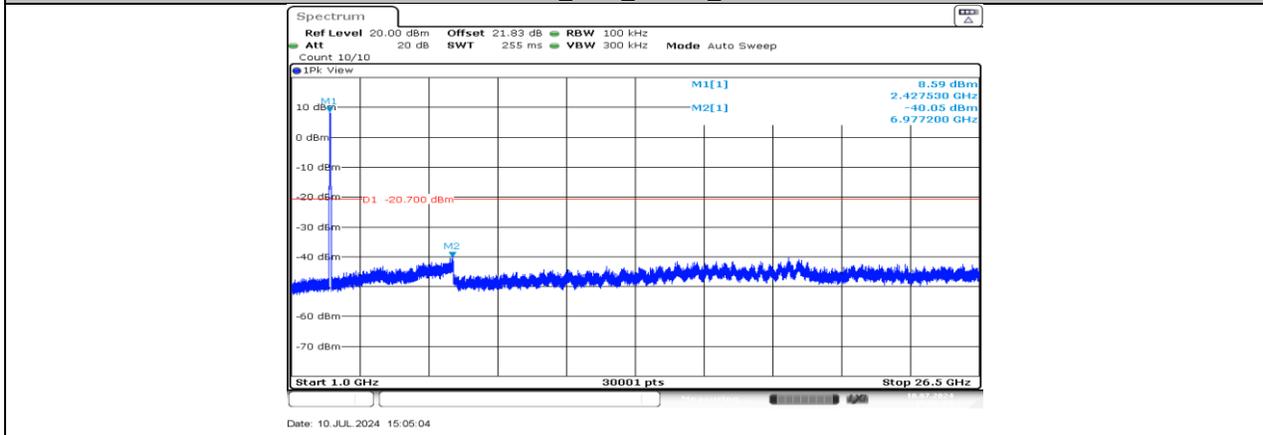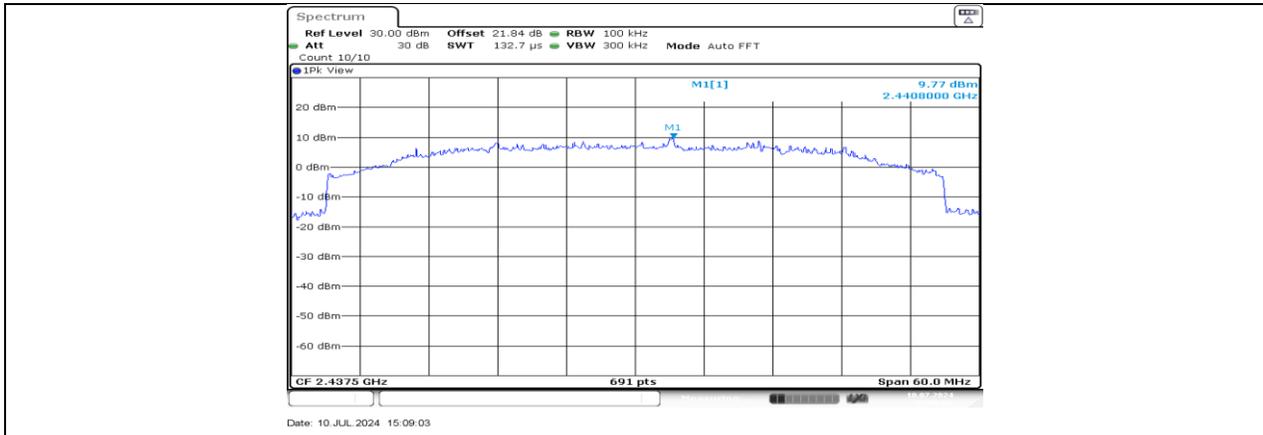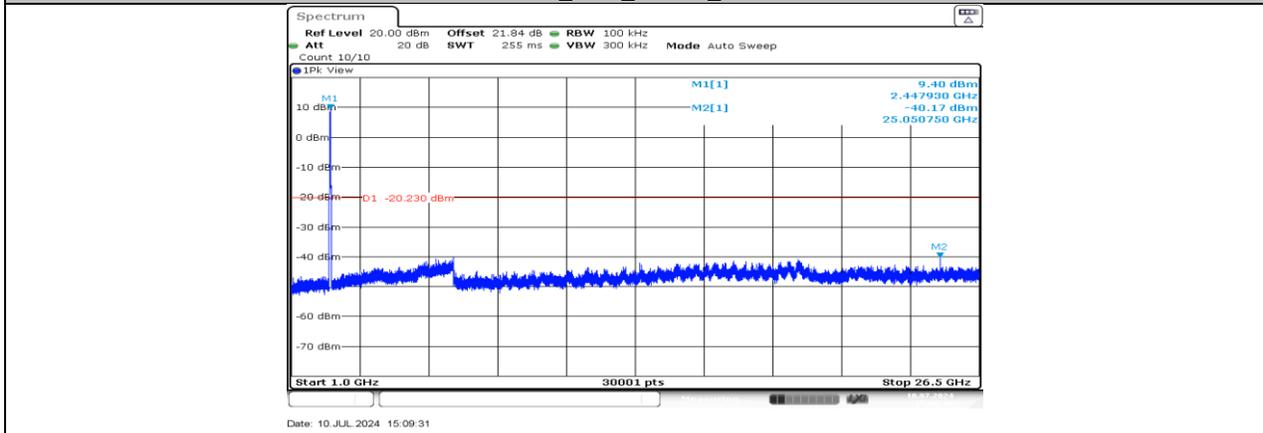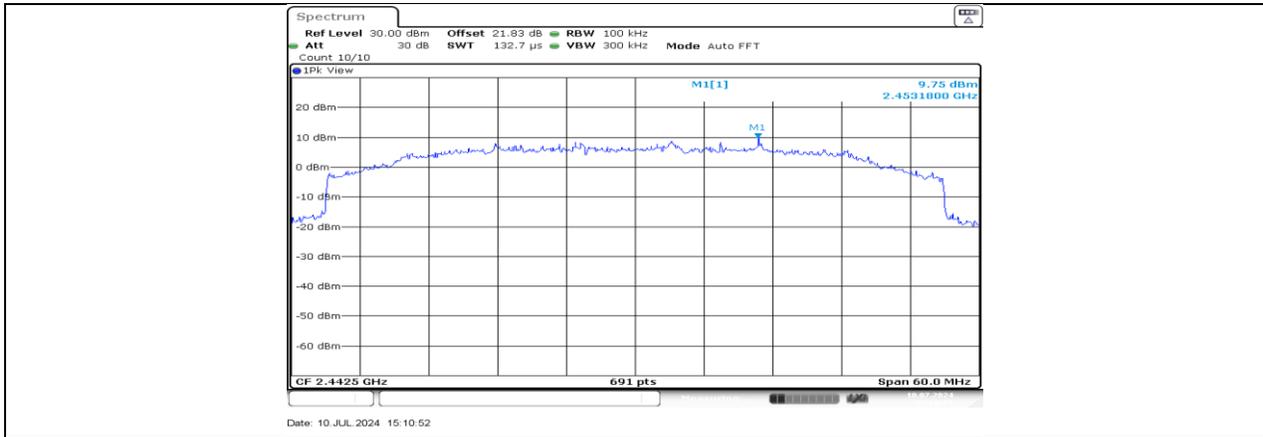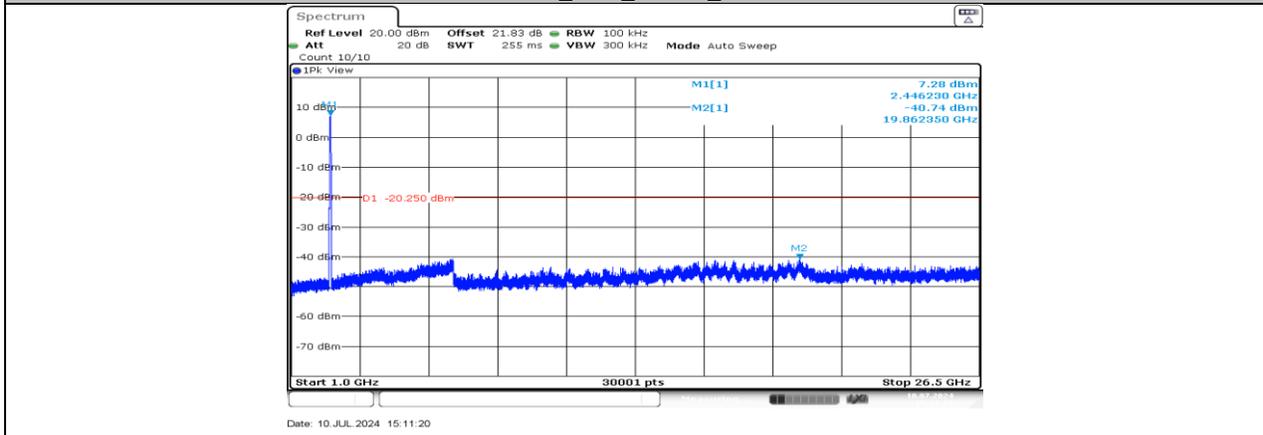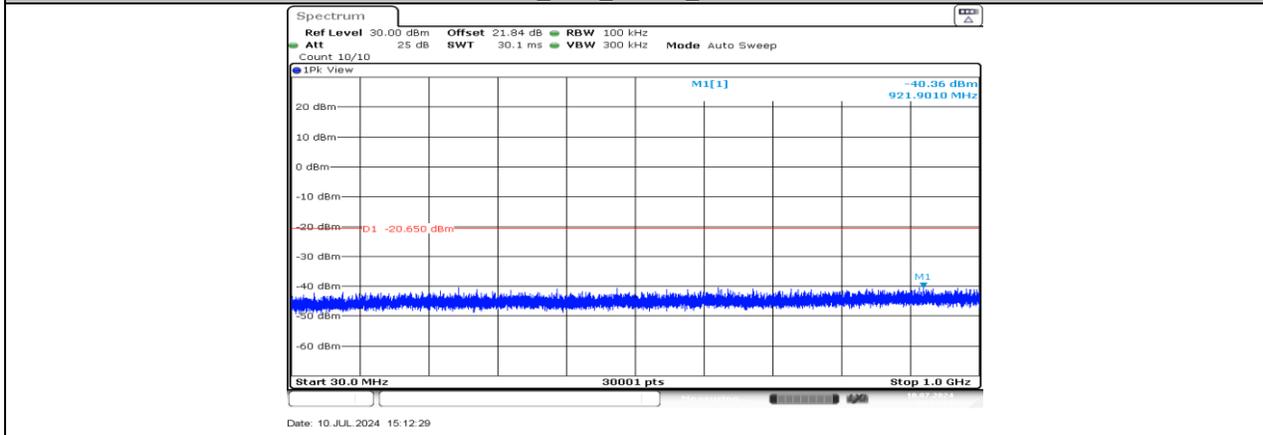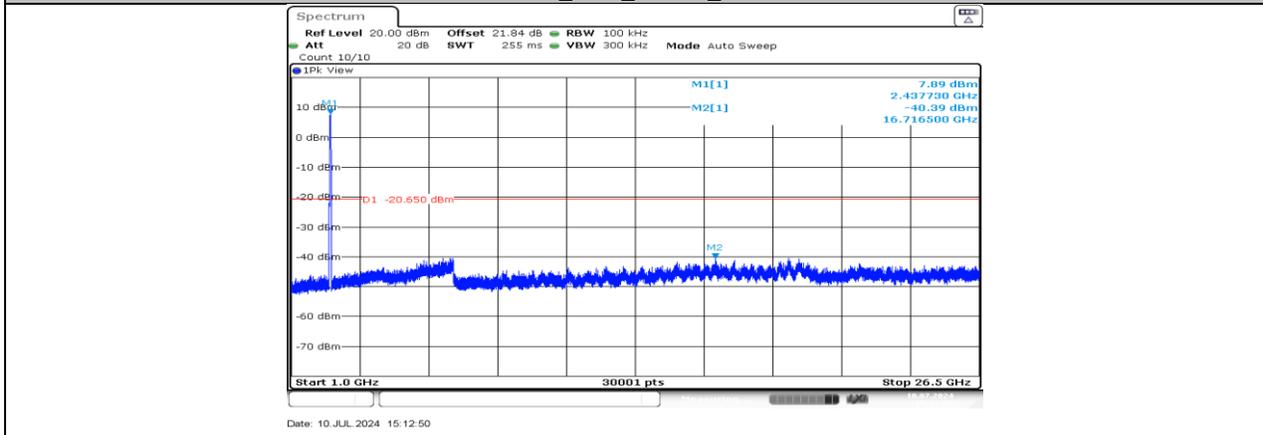

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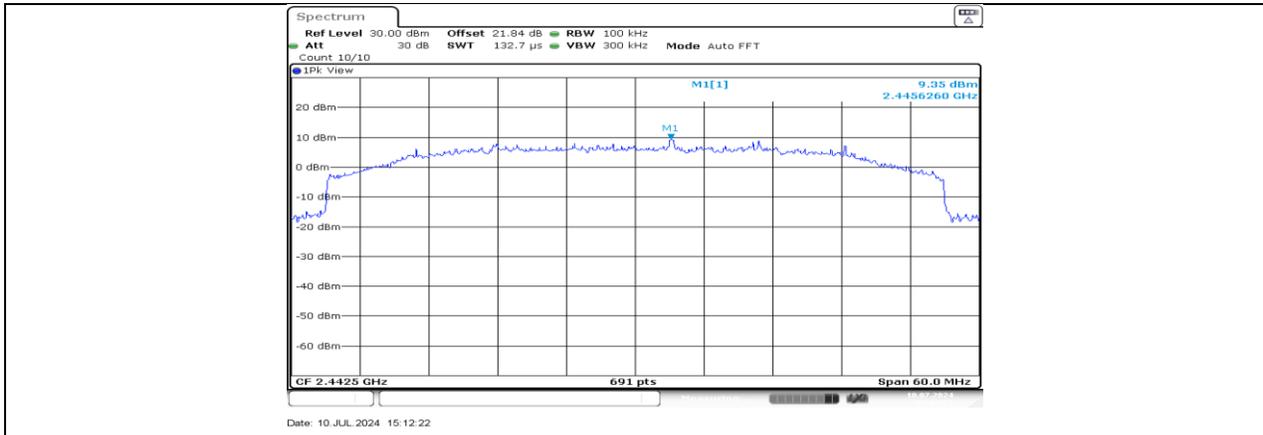
SRD 60M_Ant5_2442.5_0~Reference

SRD 60M_Ant5_2442.5_30~1000

SRD 60M_Ant5_2442.5_1000~26500

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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)
SRD 10M	50.00	50.00	1.0000	100.00	0.00	0.02	0.01
SRD 20M	50.00	50.00	1.0000	100.00	0.00	0.02	0.01
SRD 40M	50.00	50.00	1.0000	100.00	0.00	0.02	0.01
SRD 60M	50.00	50.00	1.0000	100.00	0.00	0.02	0.01

Note:
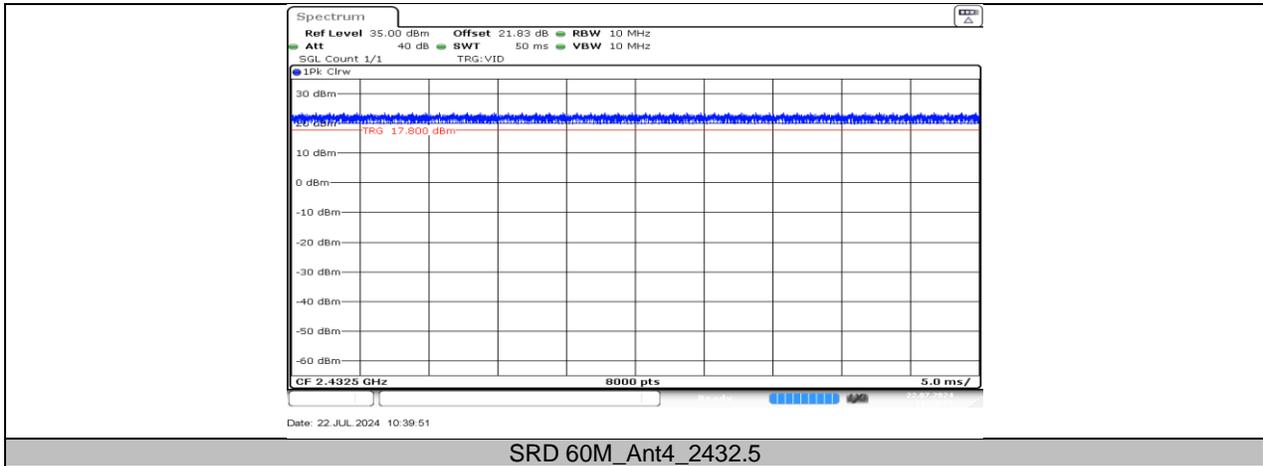Duty Cycle Correction Factor=10log (1/x).
Where: x is Duty Cycle (Linear)
Where: T is On Time
If that calculated VBW is not available on the analyzer then the next higher value should be used.

Note: All the modes and antennas had been tested, but only the worst data was recorded in the report.

11.7.2. Test Graphs

SRD 10M_Ant4_2407.5

SRD 20M_Ant4_2412.5

SRD 40M_Ant4_2422.5

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SRD 60M_Ant4_2432.5

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