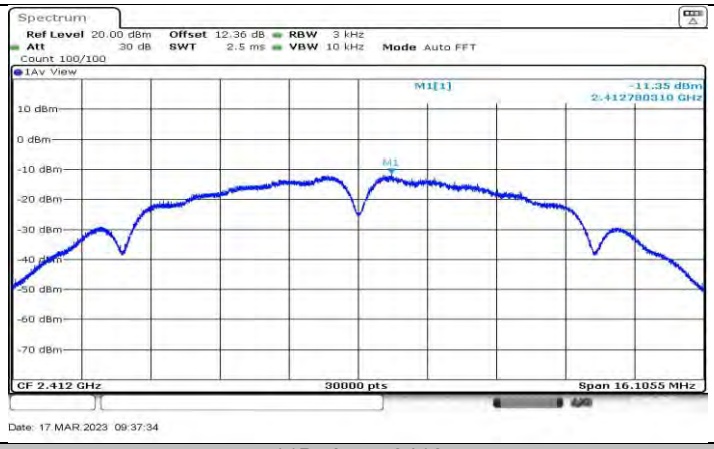
## 11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

### 11.4.1. Test Result

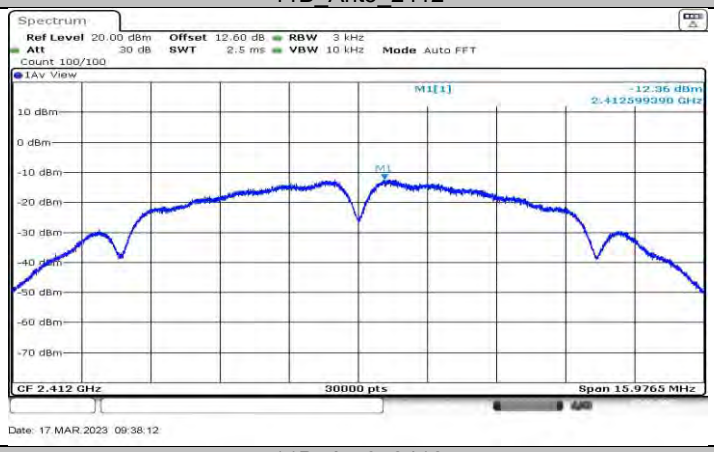
| Test Mode | Antenna | Channel | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|---|---|---|---|---|---|
| 11B | Ant5 | 2412 | -11.35 | ≤8.00 | PASS |
| | Ant6 | 2412 | -12.36 | ≤8.00 | PASS |
| | total | 2412 | -8.82 | ≤8.00 | PASS |
| | Ant5 | 2437 | -12.41 | ≤8.00 | PASS |
| | Ant6 | 2437 | -12.21 | ≤8.00 | PASS |
| | total | 2437 | -9.30 | ≤8.00 | PASS |
| | Ant5 | 2462 | -12.44 | ≤8.00 | PASS |
| | Ant6 | 2462 | -11.95 | ≤8.00 | PASS |
| | total | 2462 | -9.18 | ≤8.00 | PASS |
| 11G | Ant5 | 2412 | -8.72 | ≤8.00 | PASS |
| | Ant6 | 2412 | -8.99 | ≤8.00 | PASS |
| | total | 2412 | -5.84 | ≤8.00 | PASS |
| | Ant5 | 2437 | -8.56 | ≤8.00 | PASS |
| | Ant6 | 2437 | -9.07 | ≤8.00 | PASS |
| | total | 2437 | -5.80 | ≤8.00 | PASS |
| | Ant5 | 2462 | -8.86 | ≤8.00 | PASS |
| | Ant6 | 2462 | -8.97 | ≤8.00 | PASS |
| | total | 2462 | -5.90 | ≤8.00 | PASS |
| 11N20 | Ant5 | 2412 | -10.12 | ≤8.00 | PASS |
| | Ant6 | 2412 | -10.73 | ≤8.00 | PASS |
| | total | 2412 | -7.40 | ≤8.00 | PASS |
| | Ant5 | 2437 | -9.91 | ≤8.00 | PASS |
| | Ant6 | 2437 | -10.41 | ≤8.00 | PASS |
| | total | 2437 | -7.14 | ≤8.00 | PASS |
| | Ant5 | 2462 | -10.07 | ≤8.00 | PASS |
| | Ant6 | 2462 | -10.44 | ≤8.00 | PASS |
| | total | 2462 | -7.24 | ≤8.00 | PASS |
| 11N40 | Ant5 | 2422 | -14.24 | ≤8.00 | PASS |
| | Ant6 | 2422 | -14.49 | ≤8.00 | PASS |
| | total | 2422 | -11.35 | ≤8.00 | PASS |
| | Ant5 | 2437 | -14.06 | ≤8.00 | PASS |
| | Ant6 | 2437 | -14.69 | ≤8.00 | PASS |
| | total | 2437 | -11.35 | ≤8.00 | PASS |
| | Ant5 | 2452 | -14.01 | ≤8.00 | PASS |
| | Ant6 | 2452 | -14.47 | ≤8.00 | PASS |
| | total | 2452 | -11.22 | ≤8.00 | PASS |
| 11AX20 | Ant5 | 2412 | -13.08 | ≤8.00 | PASS |
| | Ant6 | 2412 | -12.95 | ≤8.00 | PASS |
| | total | 2412 | -10.00 | ≤8.00 | PASS |
| | Ant5 | 2437 | -12.99 | ≤8.00 | PASS |
| | Ant6 | 2437 | -12.56 | ≤8.00 | PASS |
| | total | 2437 | -9.76 | ≤8.00 | PASS |
| | Ant5 | 2462 | -13.78 | ≤8.00 | PASS |
| | Ant6 | 2462 | -12.7 | ≤8.00 | PASS |
| | total | 2462 | -10.20 | ≤8.00 | PASS |
| 11AX40 | Ant5 | 2422 | -15.46 | ≤8.00 | PASS |
| | Ant6 | 2422 | -15.97 | ≤8.00 | PASS |
| | total | 2422 | -12.70 | ≤8.00 | PASS |
| | Ant5 | 2437 | -15.11 | ≤8.00 | PASS |
| | Ant6 | 2437 | -15.74 | ≤8.00 | PASS |
| | total | 2437 | -12.40 | ≤8.00 | PASS |
| | Ant5 | 2452 | -15.12 | ≤8.00 | PASS |
| | Ant6 | 2452 | -15.76 | ≤8.00 | PASS |
| | total | 2452 | -12.42 | ≤8.00 | PASS |

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

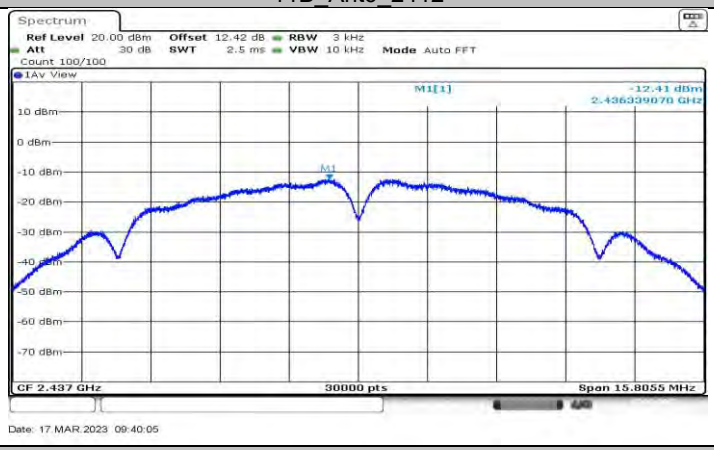
## 11.4.2. Test Graphs



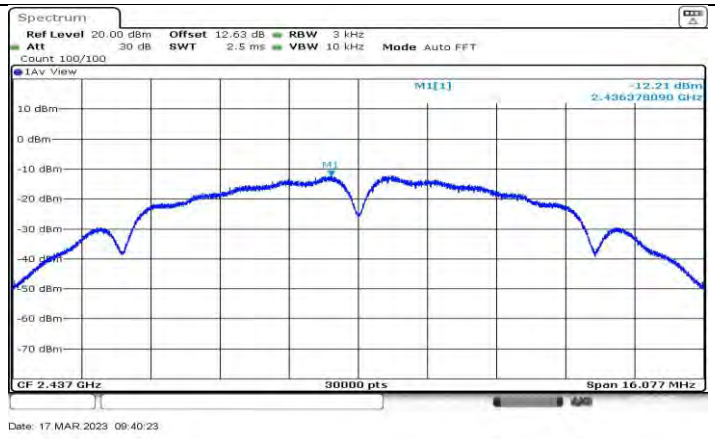

11B_Ant5_2412



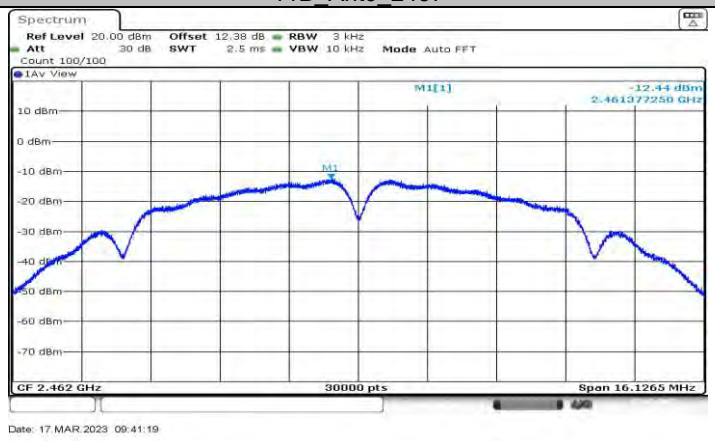

11B_Ant6_2412



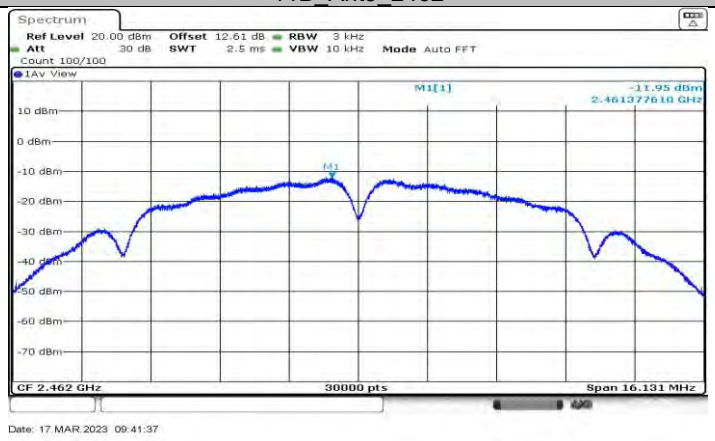

11B_Ant5_2437



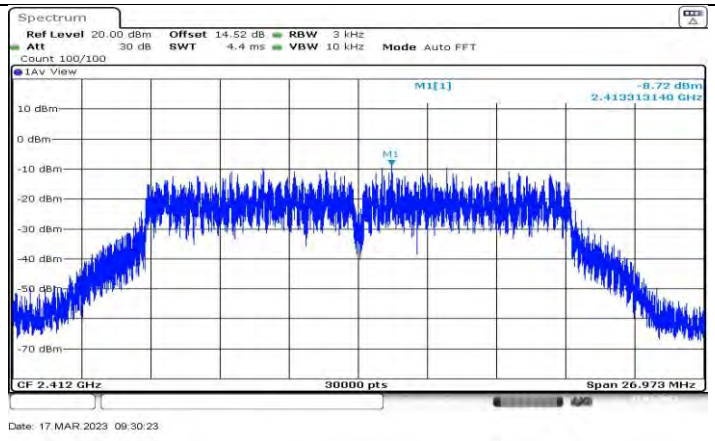

11B_Ant6_2437



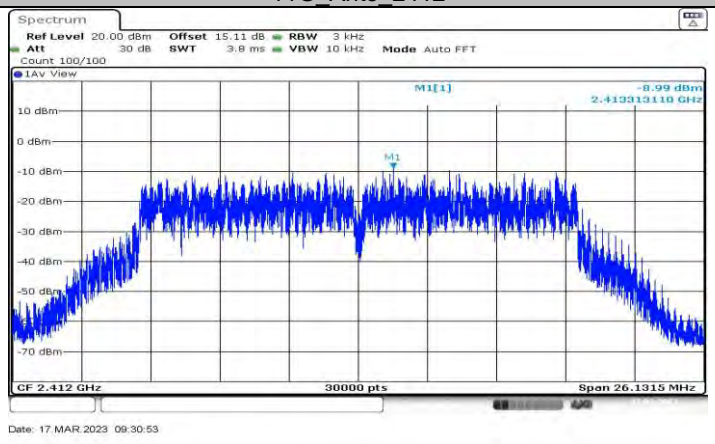

11B_Ant5_2462



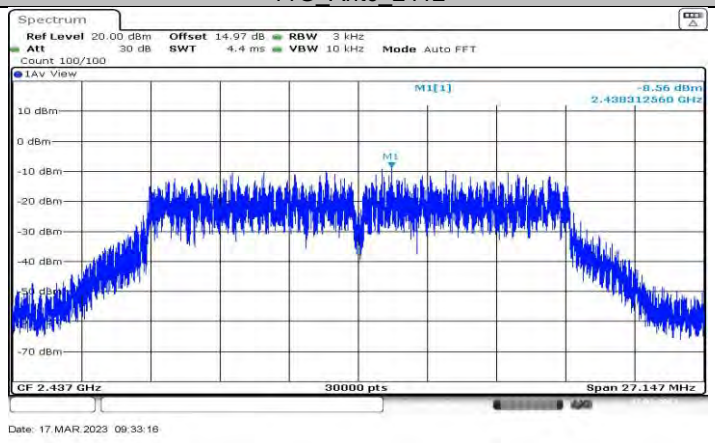

11B_Ant6_2462



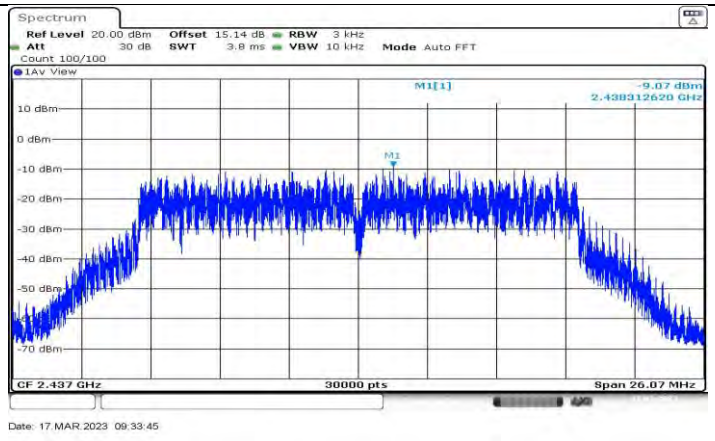

11G_Ant5_2412



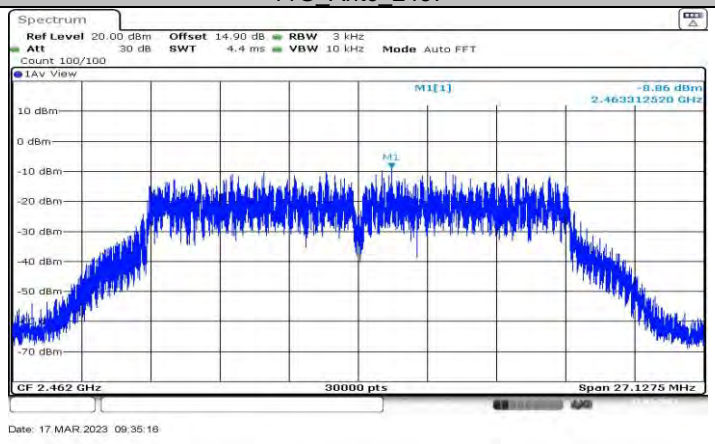

11G_Ant6_2412



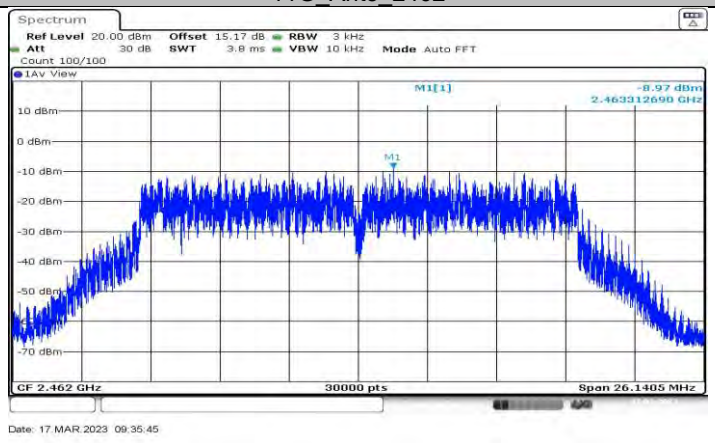

11G_Ant5_2437



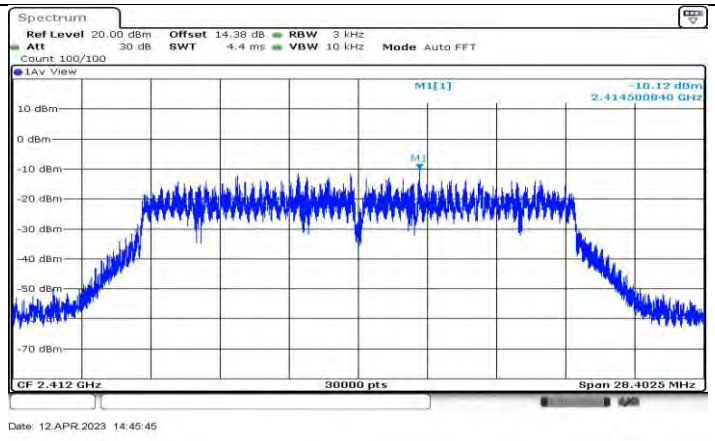

11G_Ant6_2437



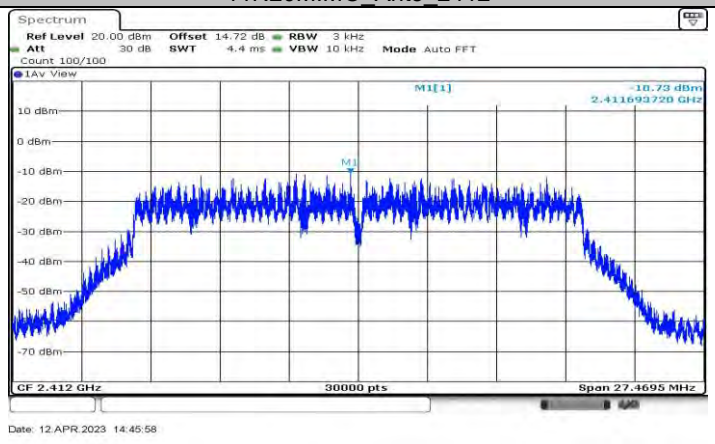

11G_Ant5_2462



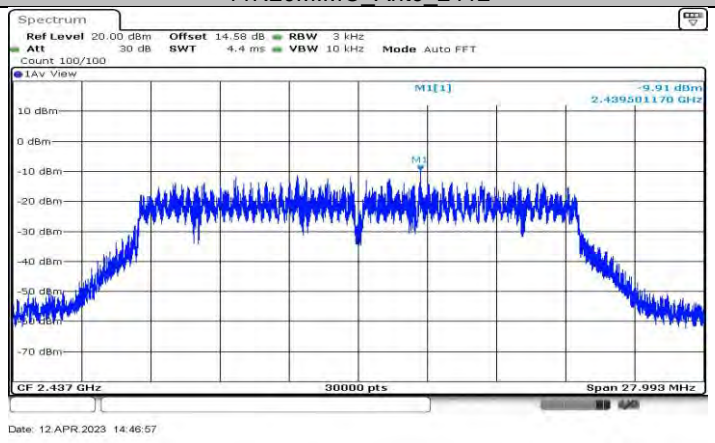

11G_Ant6_2462



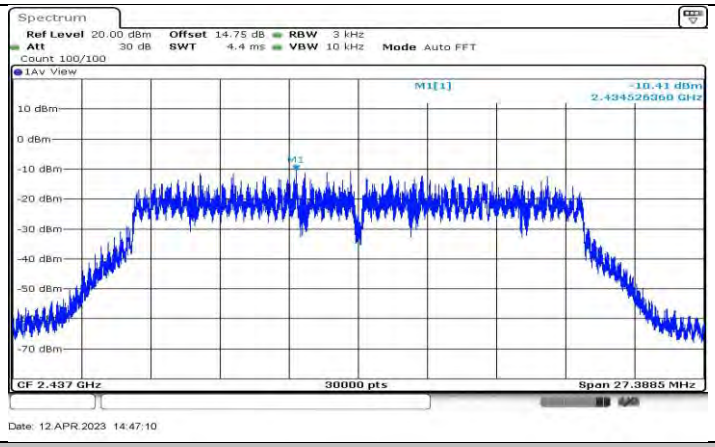

11N20MIMO_Ant5_2412



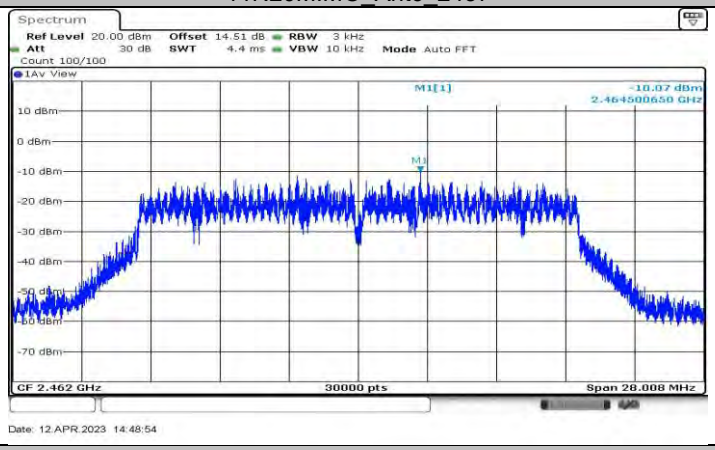

11N20MIMO_Ant6_2412



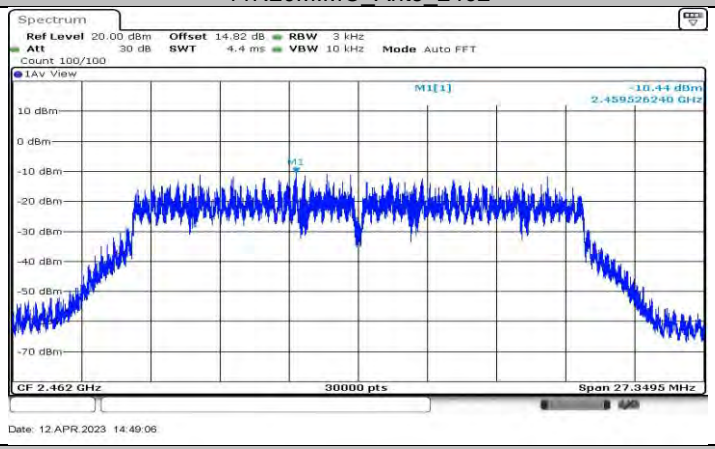

11N20MIMO_Ant5_2437



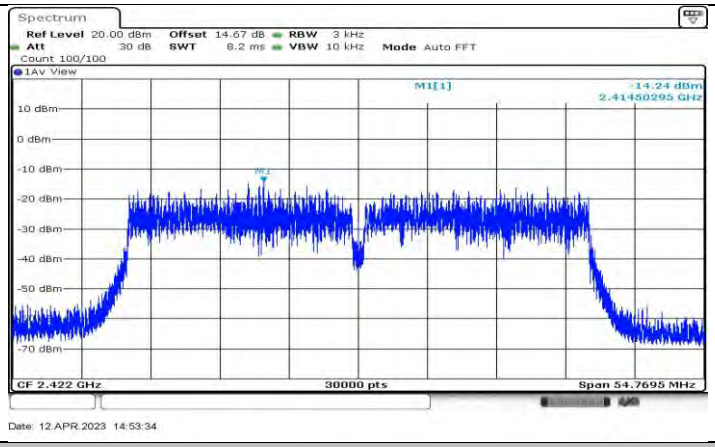

11N20MIMO_Ant6_2437



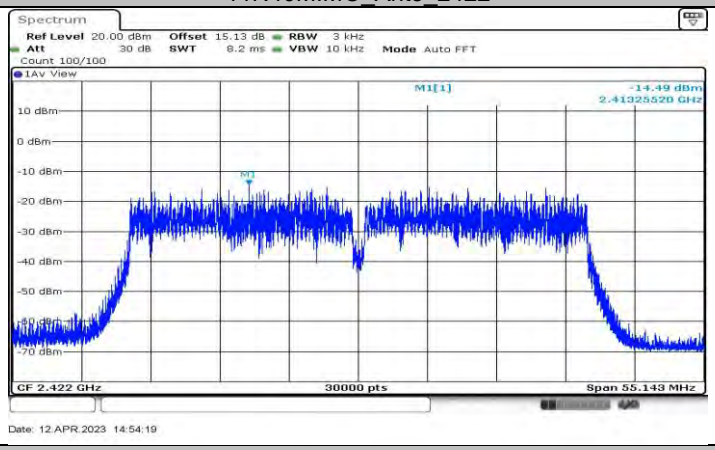

11N20MIMO_Ant5_2462



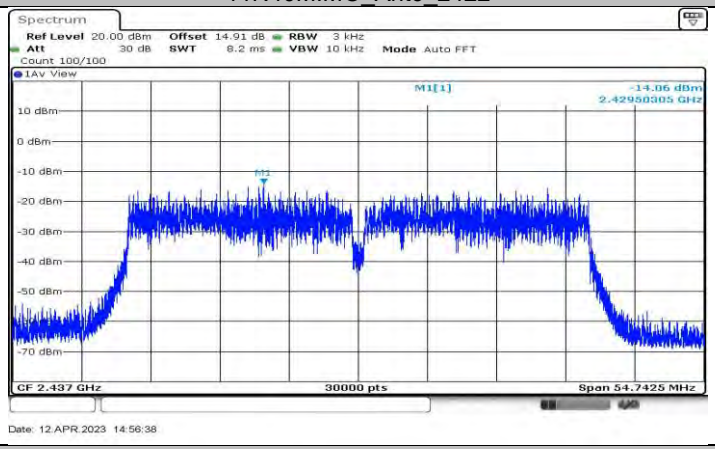

11N20MIMO_Ant6_2462



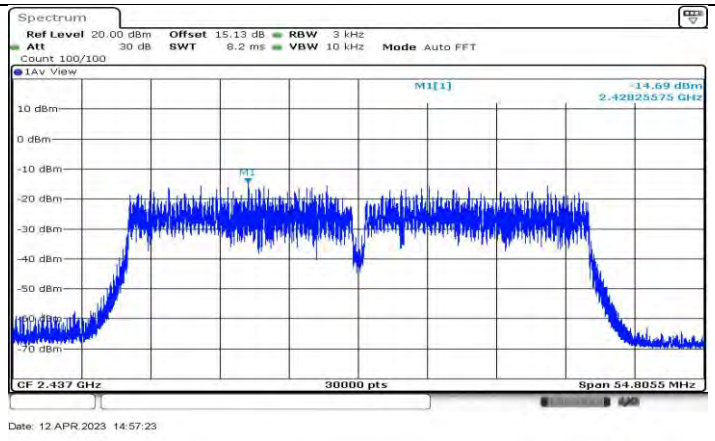

11N40MIMO_Ant5_2422



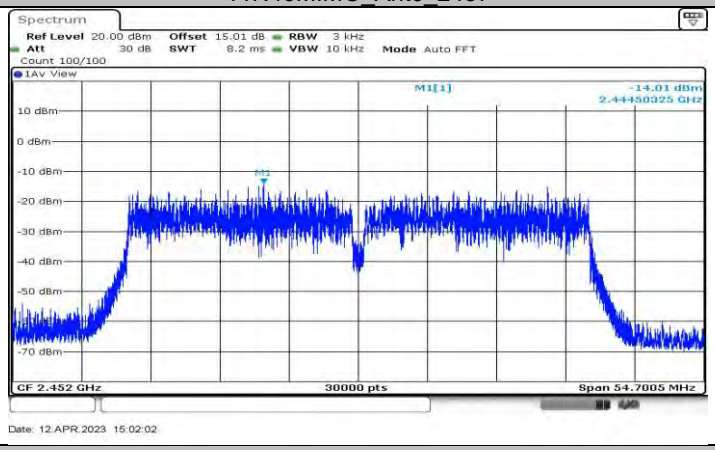

11N40MIMO_Ant6_2422



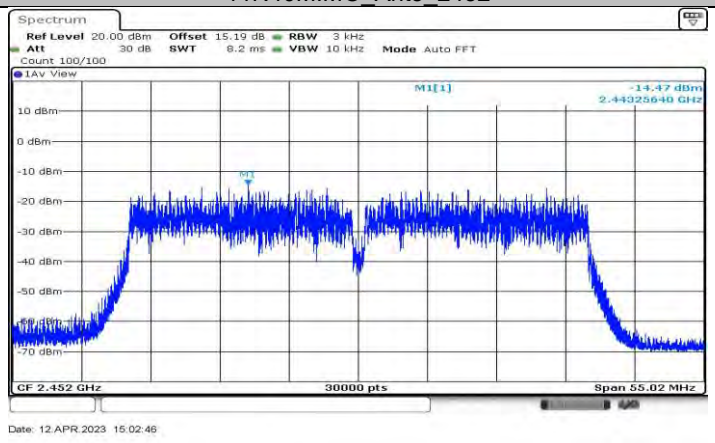

11N40MIMO_Ant5_2437



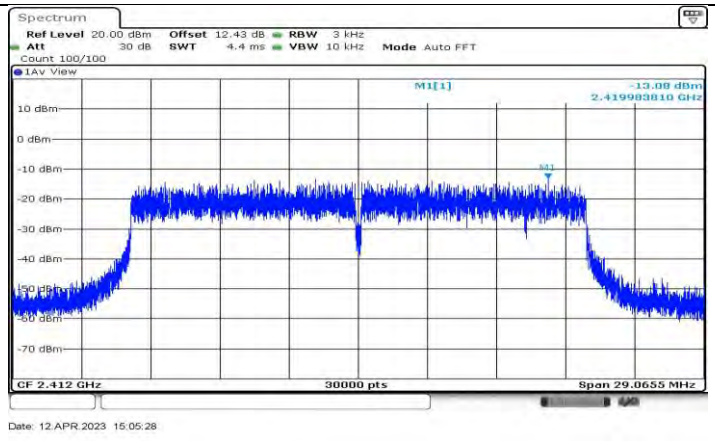

11N40MIMO_Ant6_2437



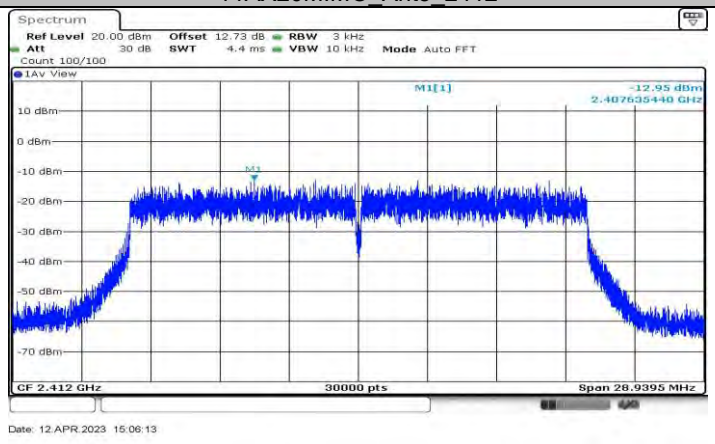

11N40MIMO_Ant5_2452



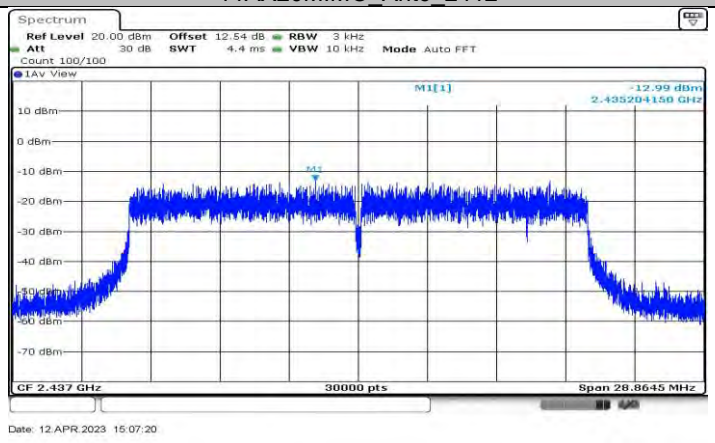

11N40MIMO_Ant6_2452



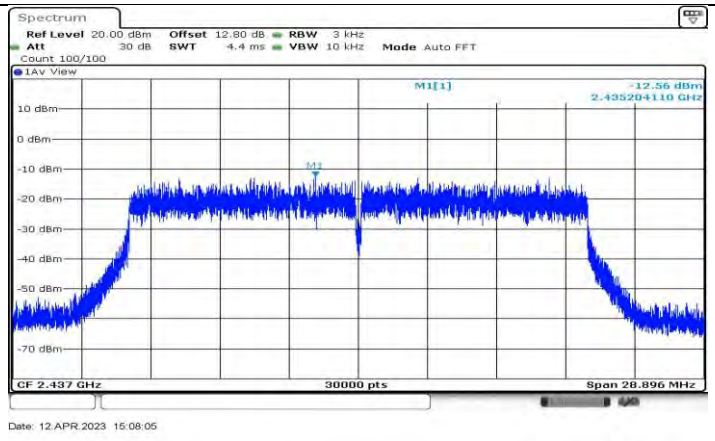

11AX20MIMO_Ant5_2412



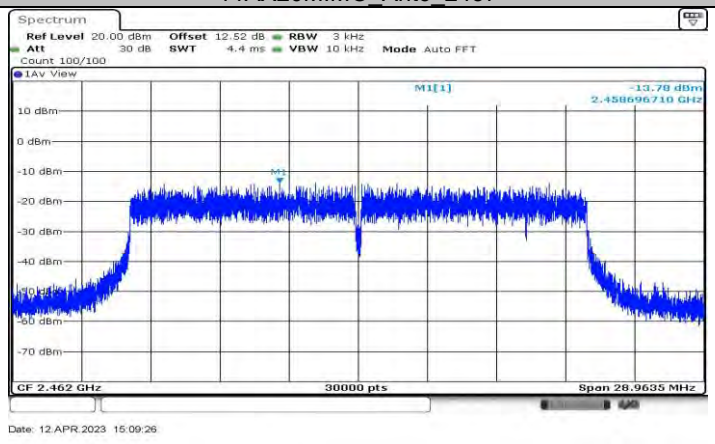

11AX20MIMO_Ant6_2412



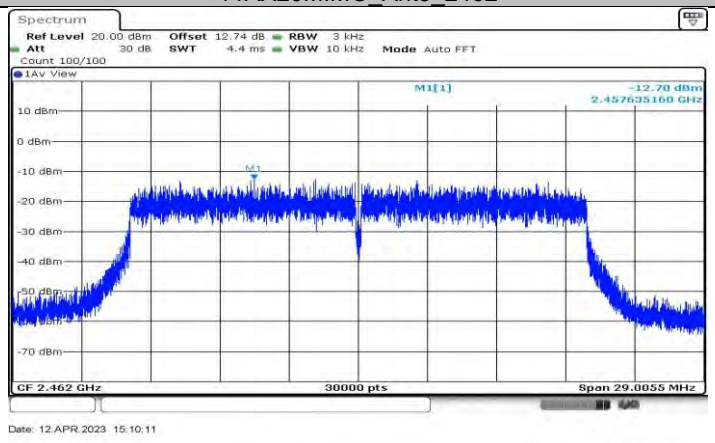

11AX20MIMO_Ant5_2437



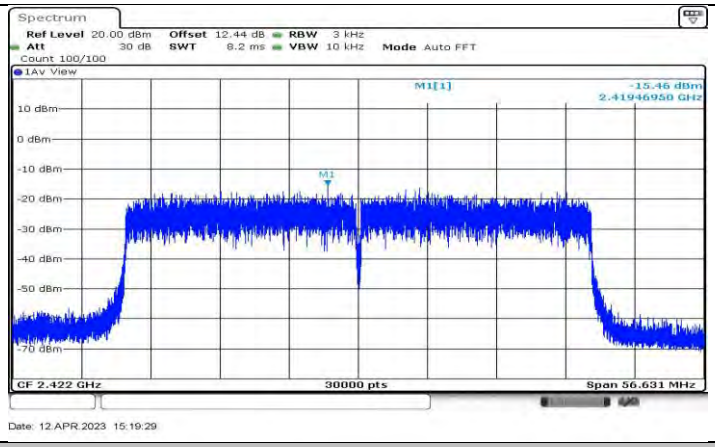

11AX20MIMO_Ant6_2437



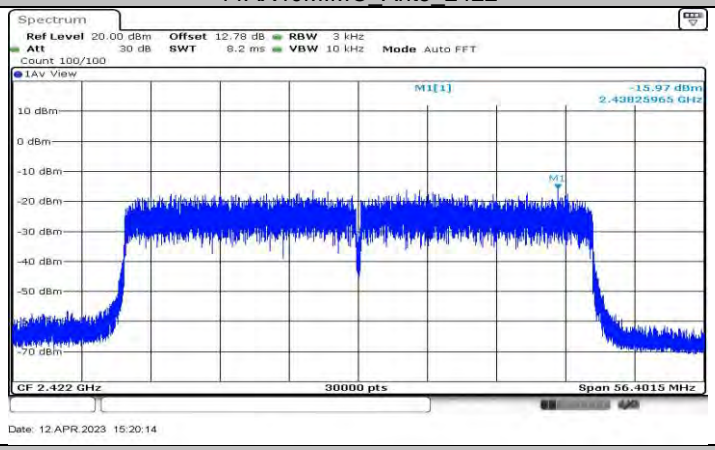

11AX20MIMO_Ant5_2462



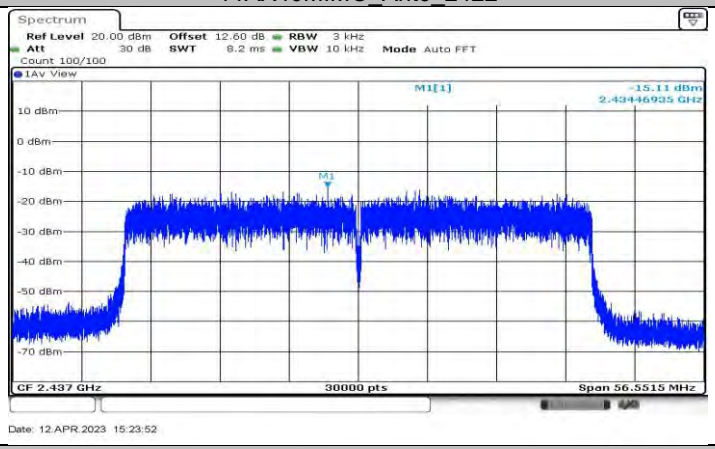

11AX20MIMO_Ant6_2462



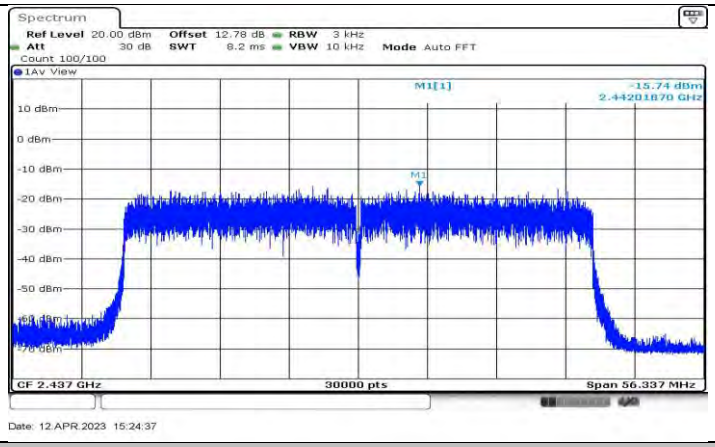

11AX40MIMO_Ant5_2422



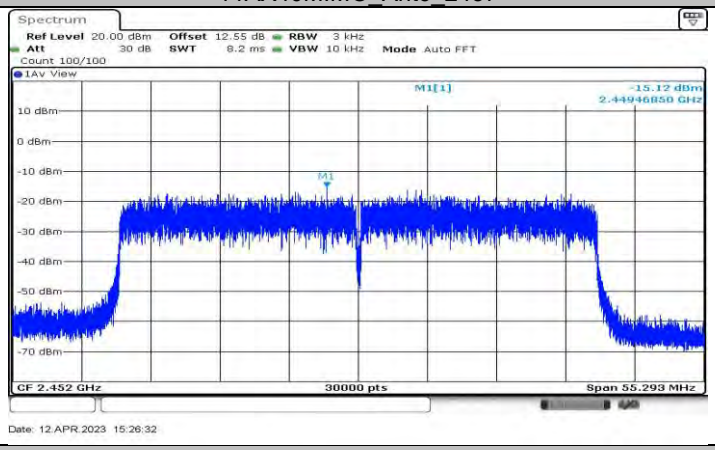

11AX40MIMO_Ant6_2422



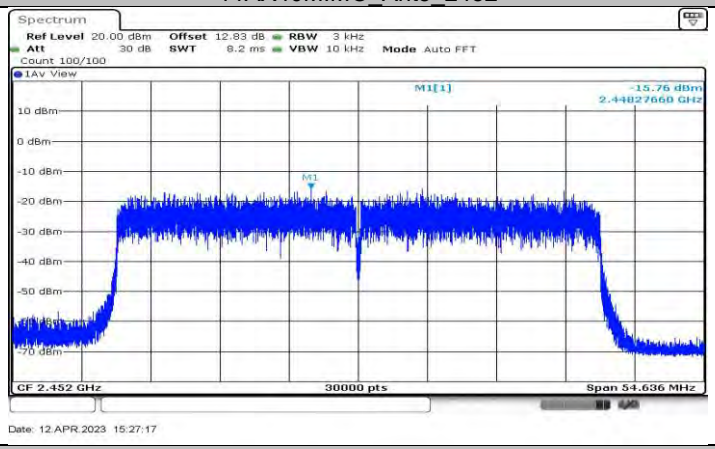

11AX40MIMO_Ant5_2437




11AX40MIMO_Ant6_2437




11AX40MIMO_Ant5_2452




11AX40MIMO_Ant6_2452

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

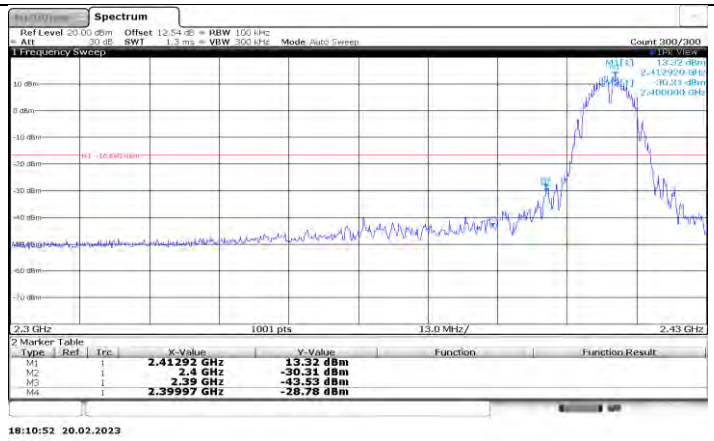
## 11.5. APPENDIX E: BAND EDGE MEASUREMENTS

### 11.5.1. Test Result

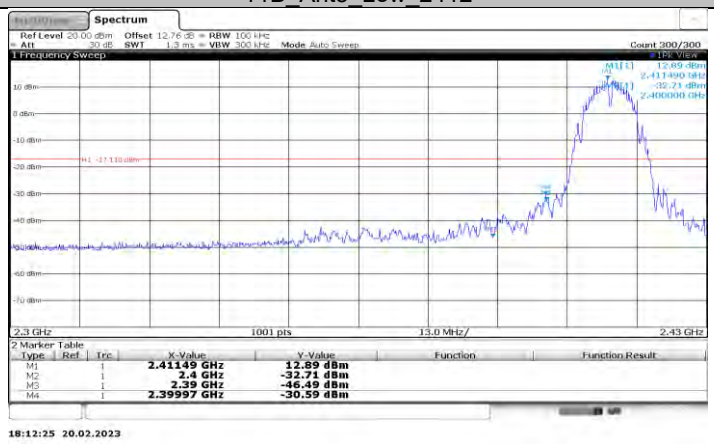
| Test Mode | Antenna | ChName | Channel | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|
| 11B | Ant5 | Low | 2412 | 13.32 | -28.78 | ≤-16.68 | PASS |
| | Ant6 | Low | 2412 | 12.89 | -30.59 | ≤-17.11 | PASS |
| | Ant5 | High | 2462 | 12.98 | -39.15 | ≤-17.02 | PASS |
| | Ant6 | High | 2462 | 13.18 | -41.05 | ≤-16.82 | PASS |
| 11G | Ant5 | Low | 2412 | 6.74 | -24.39 | ≤-23.26 | PASS |
| | Ant6 | Low | 2412 | 6.43 | -29.12 | ≤-23.57 | PASS |
| | Ant5 | High | 2462 | 6.90 | -35.5 | ≤-23.1 | PASS |
| | Ant6 | High | 2462 | 6.72 | -39.26 | ≤-23.28 | PASS |
| 11N20 | Ant5 | Low | 2412 | 5.60 | -26.72 | ≤-24.4 | PASS |
| | Ant6 | Low | 2412 | 5.34 | -28.18 | ≤-24.66 | PASS |
| | Ant5 | High | 2462 | 5.65 | -34.44 | ≤-24.35 | PASS |
| | Ant6 | High | 2462 | 5.66 | -33.17 | ≤-24.34 | PASS |
| 11N40 | Ant5 | Low | 2422 | 1.37 | -29.29 | ≤-28.63 | PASS |
| | Ant6 | Low | 2422 | 1.50 | -35.12 | ≤-28.5 | PASS |
| | Ant5 | High | 2452 | 1.86 | -34.62 | ≤-28.14 | PASS |
| | Ant6 | High | 2452 | 2.37 | -41.43 | ≤-27.63 | PASS |
| 11AX20 | Ant5 | Low | 2412 | 5.50 | -26.19 | ≤-24.5 | PASS |
| | Ant6 | Low | 2412 | 5.42 | -27.52 | ≤-24.58 | PASS |
| | Ant5 | High | 2462 | 5.64 | -33.65 | ≤-24.36 | PASS |
| | Ant6 | High | 2462 | 6.10 | -36.08 | ≤-23.9 | PASS |
| 11AX40 | Ant5 | Low | 2422 | 1.61 | -28.62 | ≤-28.39 | PASS |
| | Ant6 | Low | 2422 | 1.79 | -33.92 | ≤-28.21 | PASS |
| | Ant5 | High | 2452 | 1.83 | -37.21 | ≤-28.17 | PASS |
| | Ant6 | High | 2452 | 2.52 | -42 | ≤-27.48 | PASS |

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

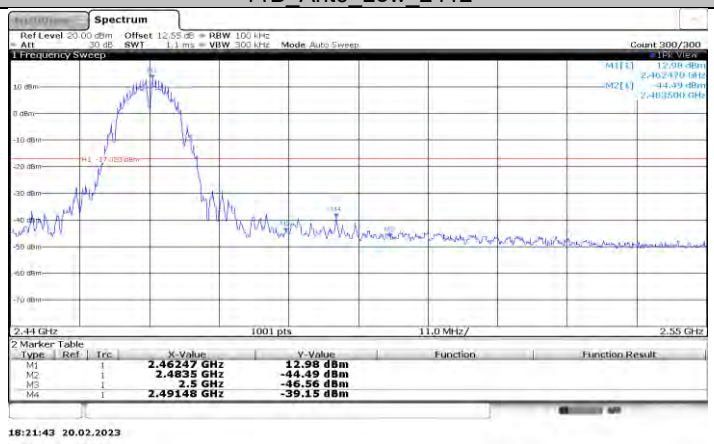
### 11.5.2. Test Graphs



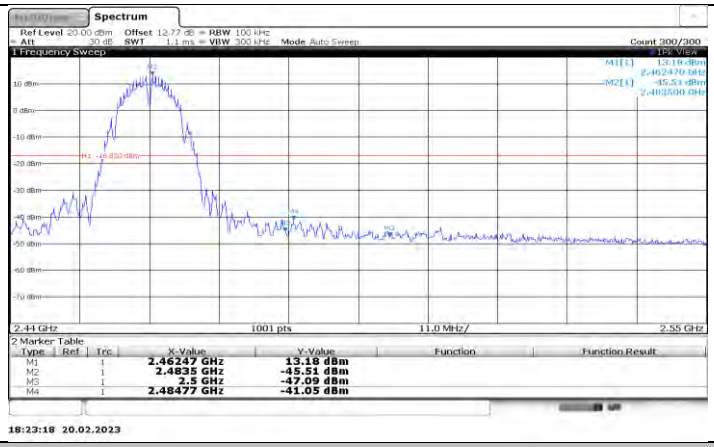

11B_Ant5_Low_2412



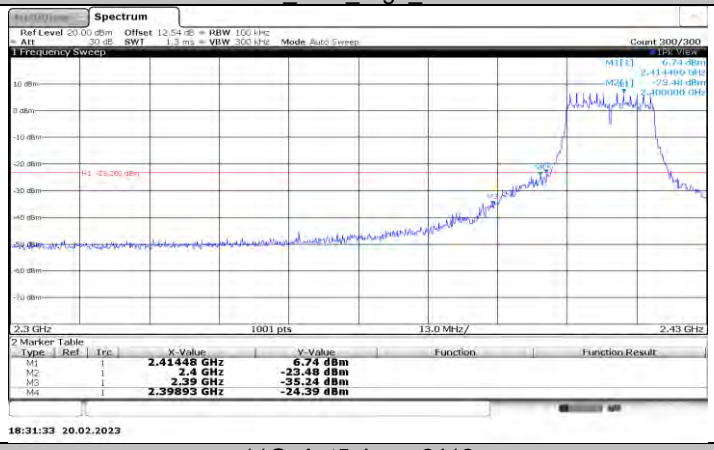

11B_Ant6_Low_2412



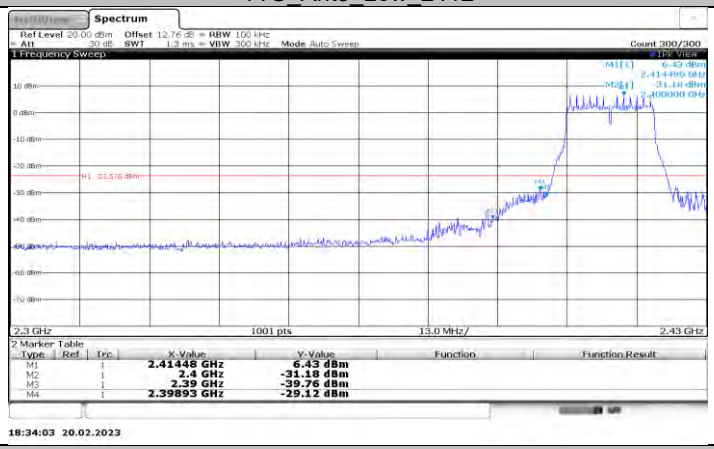

11B_Ant5_High_2462



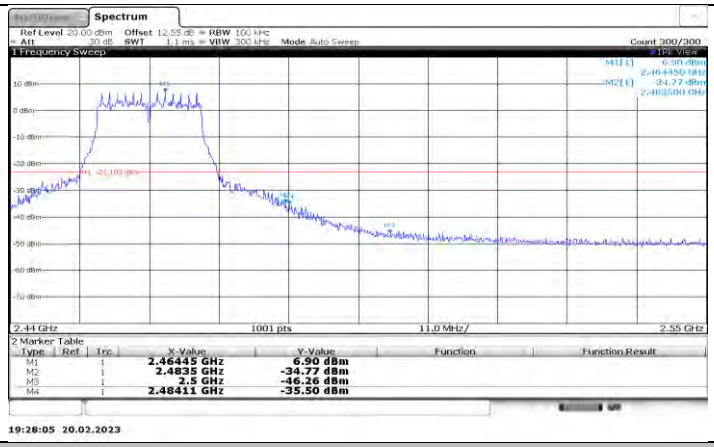

11B_Ant6_High_2462



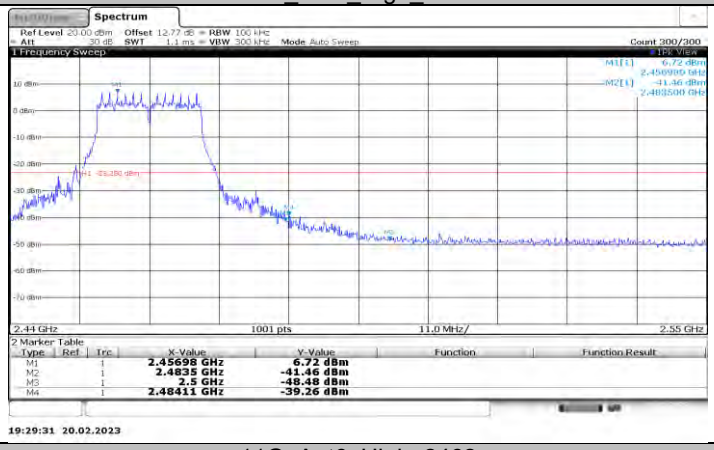

11G_Ant5_Low_2412



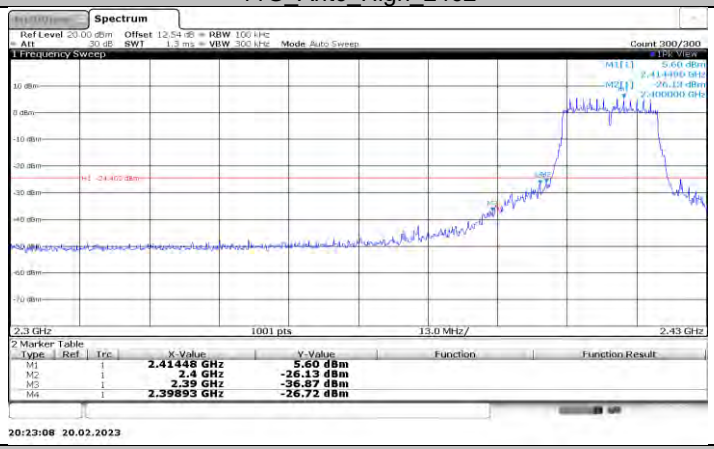

11G_Ant6_Low_2412



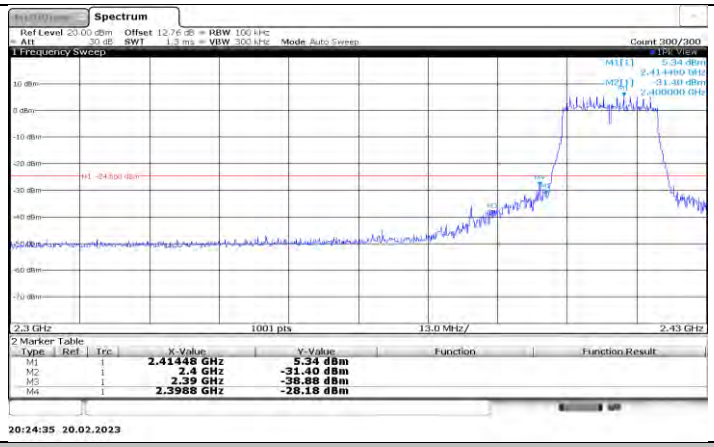

11G_Ant5_High_2462



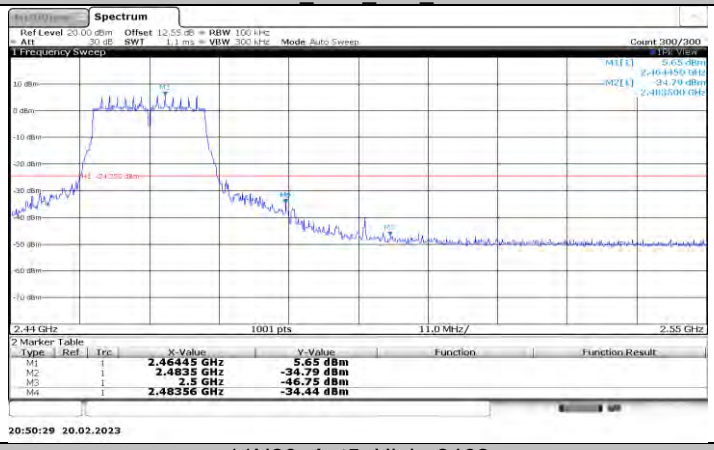

11G_Ant6_High_2462



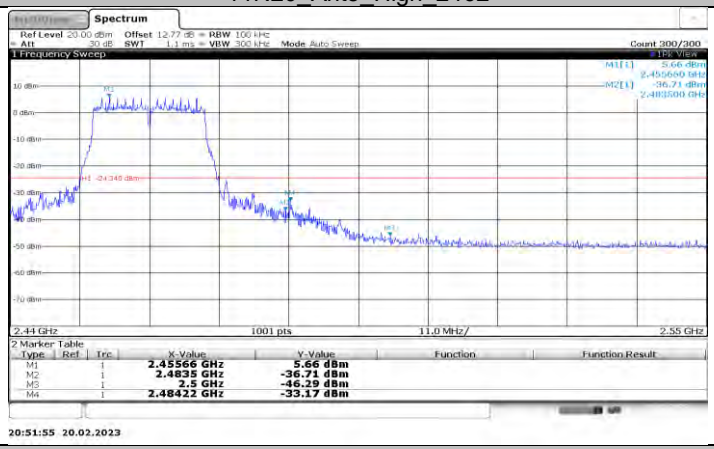

11N20_Ant5_Low_2412



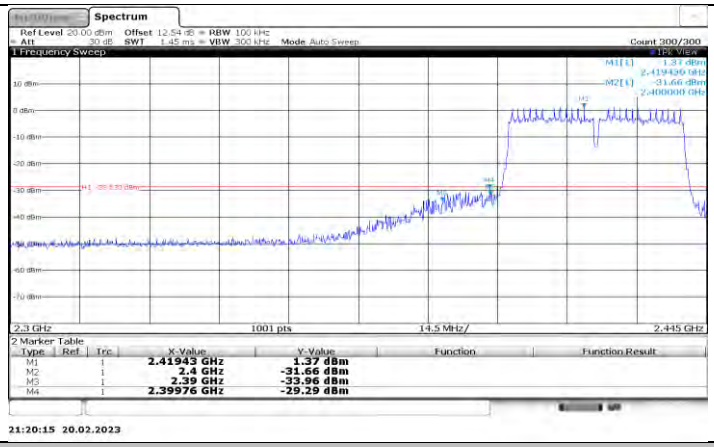

11N20_Ant6_Low_2412



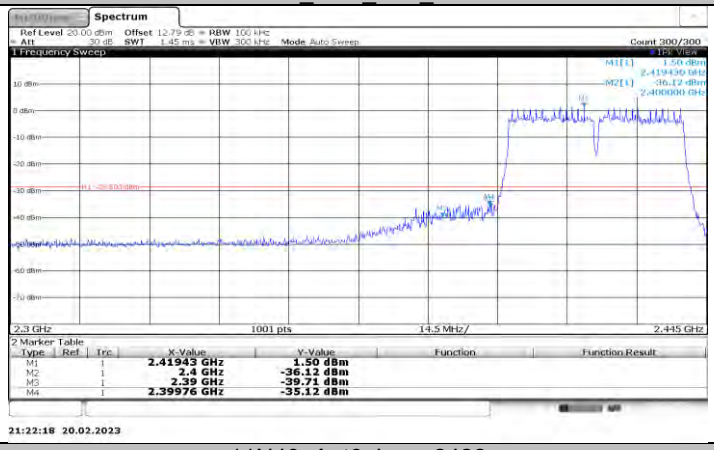

11N20_Ant5_High_2462



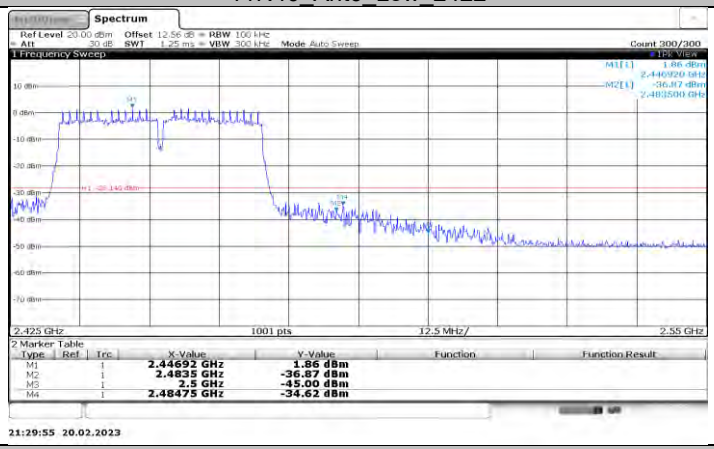

11N20_Ant6_High_2462



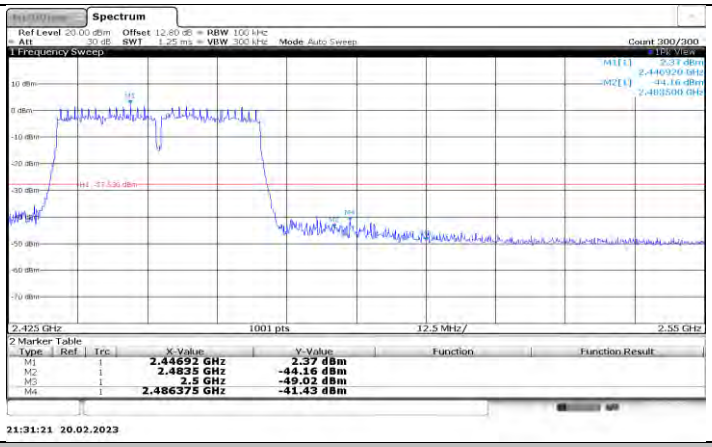

11N40_Ant5_Low_2422



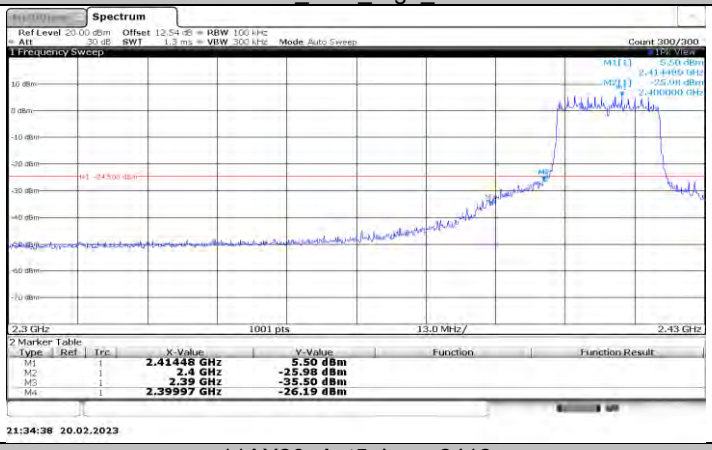

11N40_Ant6_Low_2422



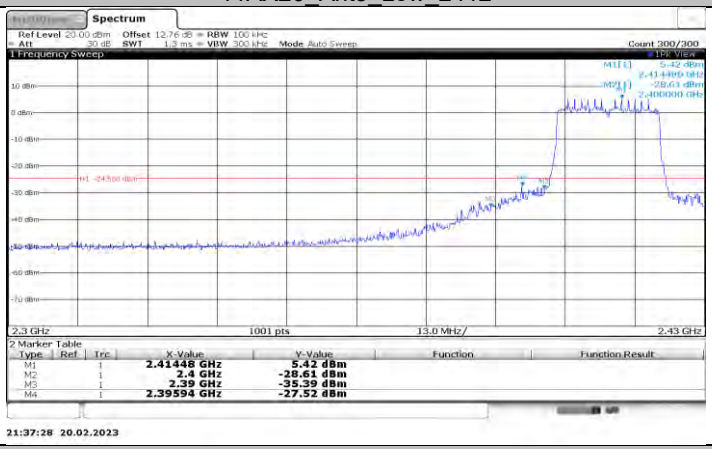

11N40_Ant5_High_2452



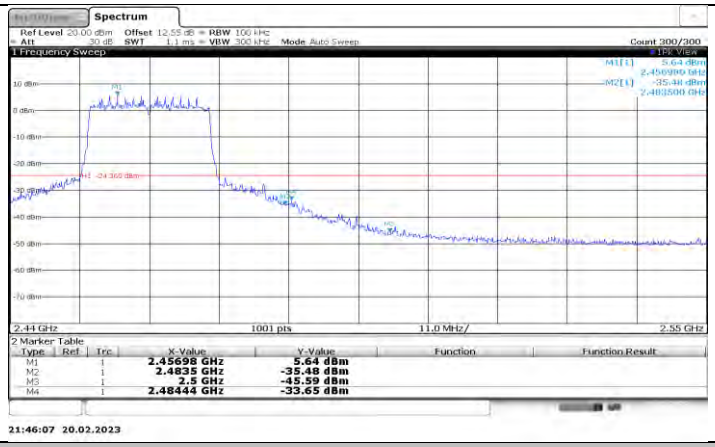

11N40_Ant6_High_2452



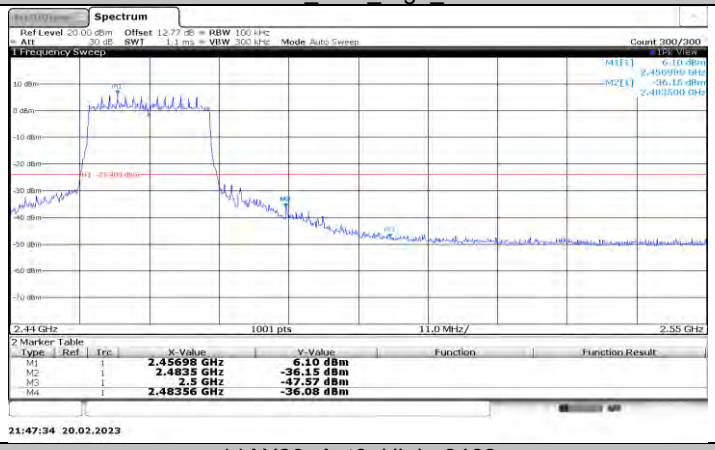

11AX20_Ant5_Low_2412



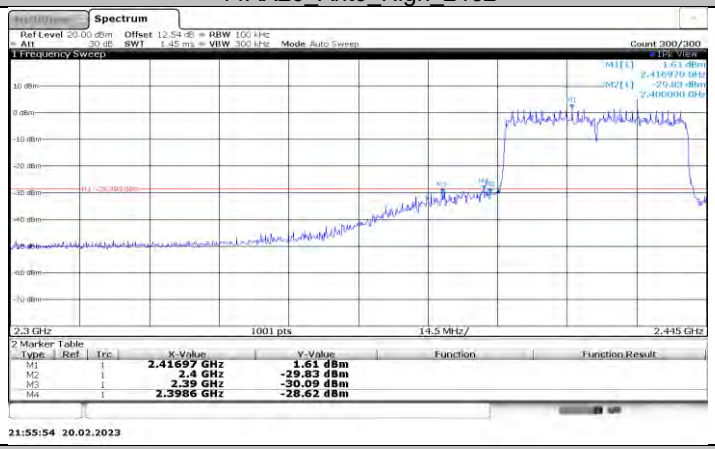

11AX20_Ant6_Low_2412



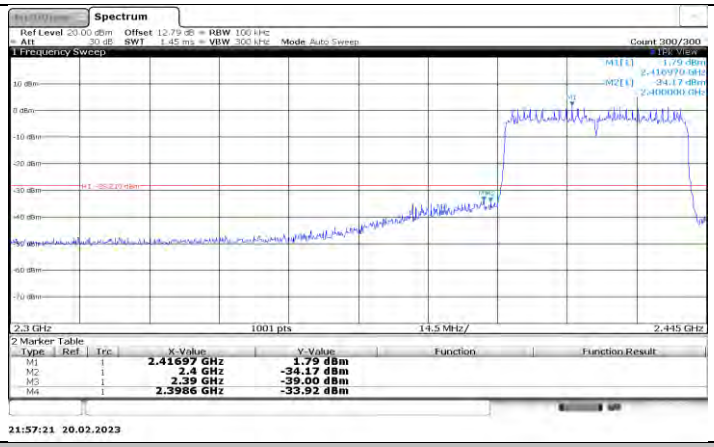

11AX20_Ant5_High_2462



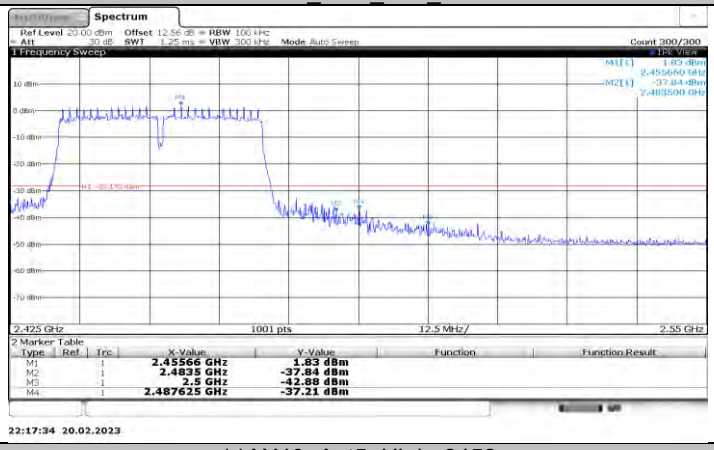

11AX20_Ant6_High_2462



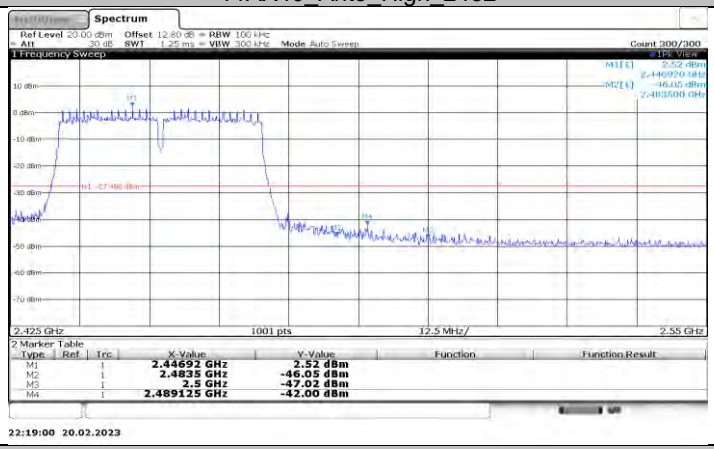

11AX40_Ant5_Low_2422




11AX40_Ant6_Low_2422




11AX40_Ant5_High_2452




11AX40_Ant6_High_2452

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

## 11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

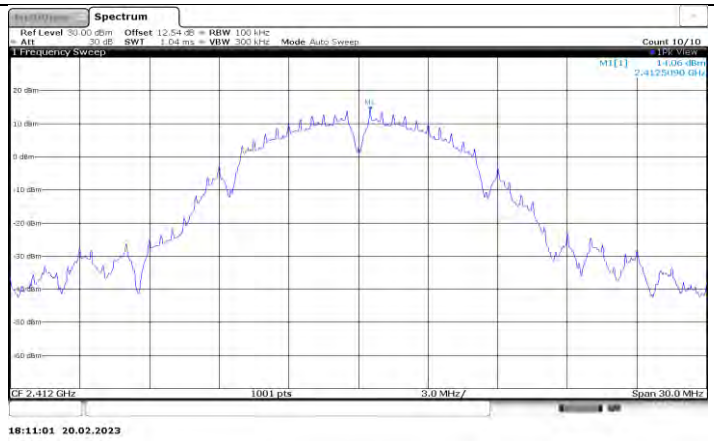
### 11.6.1. Test Result

| Test Mode | Antenna | Channel | FreqRange [Mhz] | Result [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|
| 11B | Ant5 | 2412 | Reference | 14.06 | --- | PASS |
| | | | 30~1000 | -59.05 | ≤-15.94 | PASS |
| | | | 1000~26500 | -43.02 | ≤-15.94 | PASS |
| | Ant6 | 2412 | Reference | 13.77 | --- | PASS |
| | | | 30~1000 | -58.51 | ≤-16.23 | PASS |
| | | | 1000~26500 | -42.62 | ≤-16.23 | PASS |
| | Ant5 | 2437 | Reference | 13.63 | --- | PASS |
| | | | 30~1000 | -58.22 | ≤-16.37 | PASS |
| | | | 1000~26500 | -42.76 | ≤-16.37 | PASS |
| | Ant6 | 2437 | Reference | 13.51 | --- | PASS |
| | | | 30~1000 | -58.32 | ≤-16.49 | PASS |
| | | | 1000~26500 | -43.24 | ≤-16.49 | PASS |
| | Ant5 | 2462 | Reference | 13.19 | --- | PASS |
| | | | 30~1000 | -58.4 | ≤-16.81 | PASS |
| | | | 1000~26500 | -42.83 | ≤-16.81 | PASS |
| | Ant6 | 2462 | Reference | 13.46 | --- | PASS |
| | | | 30~1000 | -58.61 | ≤-16.54 | PASS |
| | | | 1000~26500 | -43.03 | ≤-16.54 | PASS |
| 11G | Ant5 | 2412 | Reference | 7.19 | --- | PASS |
| | | | 30~1000 | -58.45 | ≤-22.81 | PASS |
| | | | 1000~26500 | -43.19 | ≤-22.81 | PASS |
| | Ant6 | 2412 | Reference | 6.97 | --- | PASS |
| | | | 30~1000 | -58.37 | ≤-23.03 | PASS |
| | | | 1000~26500 | -42.79 | ≤-23.03 | PASS |
| | Ant5 | 2437 | Reference | 7.05 | --- | PASS |
| | | | 30~1000 | -59.03 | ≤-22.95 | PASS |
| | | | 1000~26500 | -42.42 | ≤-22.95 | PASS |
| | Ant6 | 2437 | Reference | 7.02 | --- | PASS |
| | | | 30~1000 | -58.13 | ≤-22.98 | PASS |
| | | | 1000~26500 | -42.65 | ≤-22.98 | PASS |
| | Ant5 | 2462 | Reference | 7.07 | --- | PASS |
| | | | 30~1000 | -58.84 | ≤-22.93 | PASS |
| | | | 1000~26500 | -42.06 | ≤-22.93 | PASS |
| | Ant6 | 2462 | Reference | 6.86 | --- | PASS |
| | | | 30~1000 | -59.09 | ≤-23.14 | PASS |
| | | | 1000~26500 | -42.68 | ≤-23.14 | PASS |
| 11N20 | Ant5 | 2412 | Reference | 6.15 | --- | PASS |
| | | | 30~1000 | -58.2 | ≤-23.85 | PASS |
| | | | 1000~26500 | -43.35 | ≤-23.85 | PASS |
| | Ant6 | 2412 | Reference | 5.84 | --- | PASS |
| | | | 30~1000 | -58.36 | ≤-24.16 | PASS |
| | | | 1000~26500 | -42.23 | ≤-24.16 | PASS |
| | Ant5 | 2437 | Reference | 5.63 | --- | PASS |
| | | | 30~1000 | -59.12 | ≤-24.37 | PASS |
| | | | 1000~26500 | -43.11 | ≤-24.37 | PASS |
| | Ant6 | 2437 | Reference | 6.20 | --- | PASS |
| | | | 30~1000 | -58.84 | ≤-23.8 | PASS |
| | | | 1000~26500 | -42.43 | ≤-23.8 | PASS |
| | Ant5 | 2462 | Reference | 5.77 | --- | PASS |
| | | | 30~1000 | -58.94 | ≤-24.23 | PASS |
| | | | 1000~26500 | -43.16 | ≤-24.23 | PASS |
| | Ant6 | 2462 | Reference | 5.79 | --- | PASS |
| | | | 30~1000 | -58.34 | ≤-24.21 | PASS |
| | | | 1000~26500 | -42.4 | ≤-24.21 | PASS |
| 11N40 | Ant5 | 2422 | Reference | 1.81 | --- | PASS |

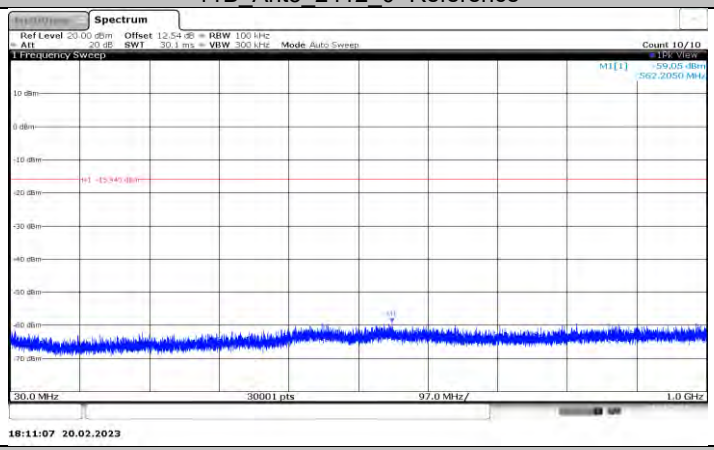
| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 30~1000 | -59.05 | ≤-28.19 | PASS |
| | | | 1000~26500 | -43.43 | ≤-28.19 | PASS |
| | Ant6 | 2422 | Reference | 2.01 | --- | PASS |
| | | | 30~1000 | -58.96 | ≤-27.99 | PASS |
| | | | 1000~26500 | -43.33 | ≤-27.99 | PASS |
| | Ant5 | 2437 | Reference | 1.95 | --- | PASS |
| | | | 30~1000 | -59.13 | ≤-28.05 | PASS |
| | | | 1000~26500 | -43.13 | ≤-28.05 | PASS |
| | Ant6 | 2437 | Reference | 2.30 | --- | PASS |
| | | | 30~1000 | -58.24 | ≤-27.7 | PASS |
| | | | 1000~26500 | -41.95 | ≤-27.7 | PASS |
| | Ant5 | 2452 | Reference | 1.95 | --- | PASS |
| | | | 30~1000 | -58.01 | ≤-28.05 | PASS |
| | | | 1000~26500 | -43.6 | ≤-28.05 | PASS |
| | Ant6 | 2452 | Reference | 2.49 | --- | PASS |
| | | | 30~1000 | -58.57 | ≤-27.51 | PASS |
| | | | 1000~26500 | -42.91 | ≤-27.51 | PASS |
| 11AX20 | Ant5 | 2412 | Reference | 6.12 | --- | PASS |
| | | | 30~1000 | -58.28 | ≤-23.88 | PASS |
| | | | 1000~26500 | -41.86 | ≤-23.88 | PASS |
| | Ant6 | 2412 | Reference | 5.90 | --- | PASS |
| | | | 30~1000 | -59.41 | ≤-24.1 | PASS |
| | | | 1000~26500 | -43.05 | ≤-24.1 | PASS |
| | Ant5 | 2437 | Reference | 5.72 | --- | PASS |
| | | | 30~1000 | -58.87 | ≤-24.28 | PASS |
| | | | 1000~26500 | -43.11 | ≤-24.28 | PASS |
| | Ant6 | 2437 | Reference | 5.90 | --- | PASS |
| | | | 30~1000 | -58.1 | ≤-24.1 | PASS |
| | | | 1000~26500 | -43.14 | ≤-24.1 | PASS |
| | Ant5 | 2462 | Reference | 5.78 | --- | PASS |
| | | | 30~1000 | -59.14 | ≤-24.22 | PASS |
| | | | 1000~26500 | -42.89 | ≤-24.22 | PASS |
| | Ant6 | 2462 | Reference | 6.20 | --- | PASS |
| | | | 30~1000 | -57.99 | ≤-23.8 | PASS |
| | | | 1000~26500 | -43.33 | ≤-23.8 | PASS |
| 11AX40 | Ant5 | 2422 | Reference | 2.18 | --- | PASS |
| | | | 30~1000 | -58.89 | ≤-27.82 | PASS |
| | | | 1000~26500 | -43.61 | ≤-27.82 | PASS |
| | Ant6 | 2422 | Reference | 2.28 | --- | PASS |
| | | | 30~1000 | -58.99 | ≤-27.72 | PASS |
| | | | 1000~26500 | -43.18 | ≤-27.72 | PASS |
| | Ant5 | 2437 | Reference | 1.90 | --- | PASS |
| | | | 30~1000 | -58.48 | ≤-28.1 | PASS |
| | | | 1000~26500 | -42.97 | ≤-28.1 | PASS |
| | Ant6 | 2437 | Reference | 1.99 | --- | PASS |
| | | | 30~1000 | -58.78 | ≤-28.01 | PASS |
| | | | 1000~26500 | -43.04 | ≤-28.01 | PASS |
| | Ant5 | 2452 | Reference | 2.07 | --- | PASS |
| | | | 30~1000 | -59.33 | ≤-27.93 | PASS |
| | | | 1000~26500 | -43.26 | ≤-27.93 | PASS |
| | Ant6 | 2452 | Reference | 2.39 | --- | PASS |
| | | | 30~1000 | -58.08 | ≤-27.61 | PASS |
| | | | 1000~26500 | -43.3 | ≤-27.61 | PASS |

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

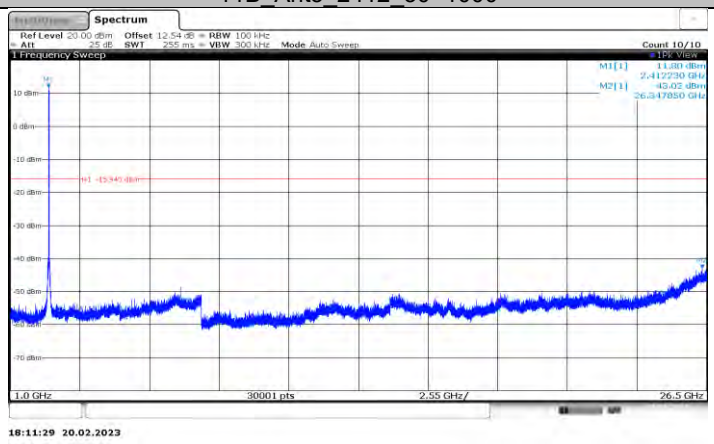
### 11.6.2. Test Graphs



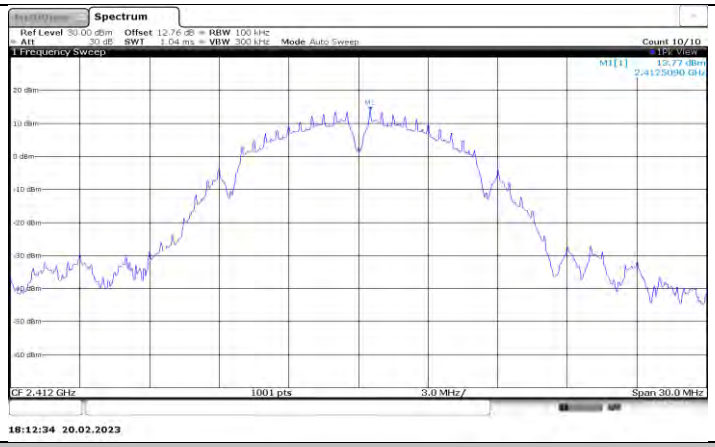

11B_Ant5_2412_0~Reference



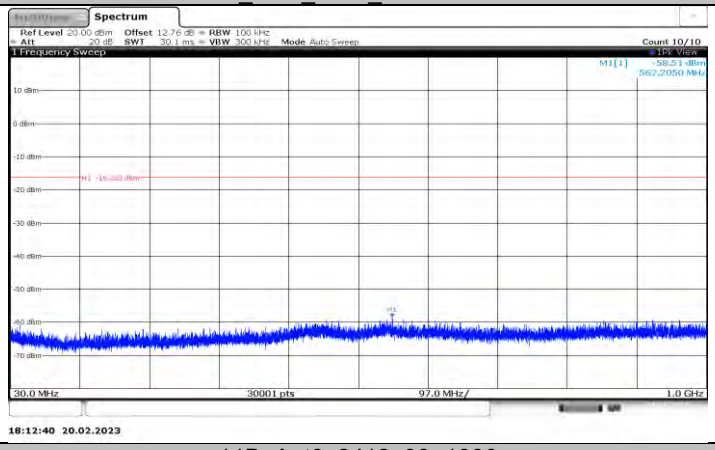

11B_Ant5_2412_30~1000



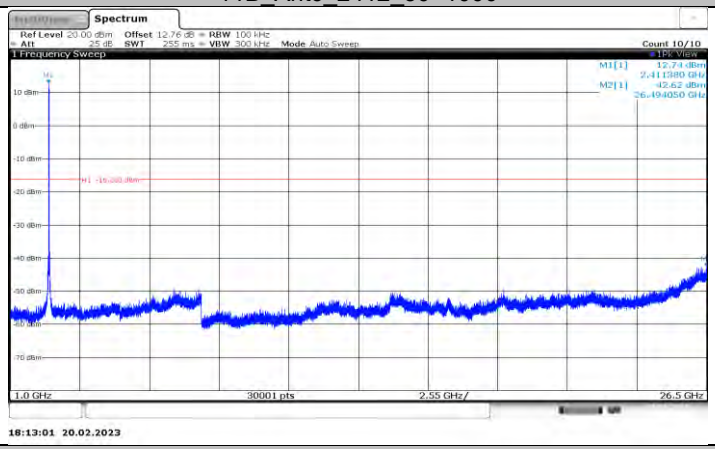

11B_Ant5_2412_1000~26500



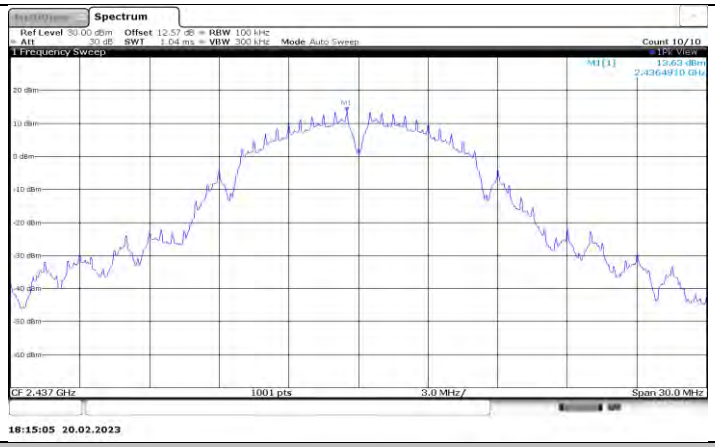

11B_Ant6_2412_0~Reference



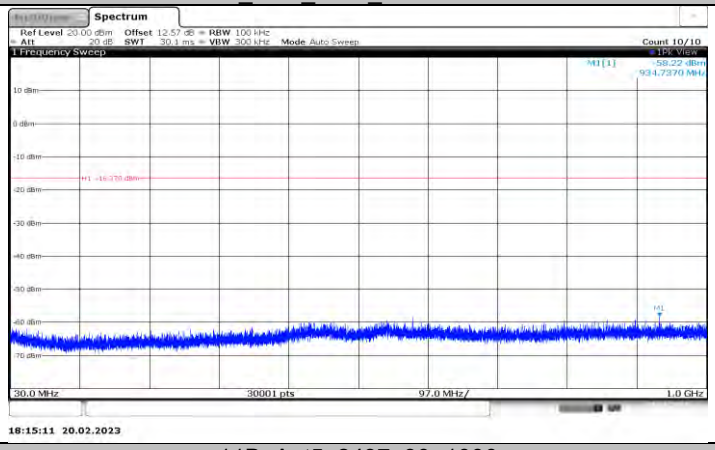

11B_Ant6_2412_30~1000



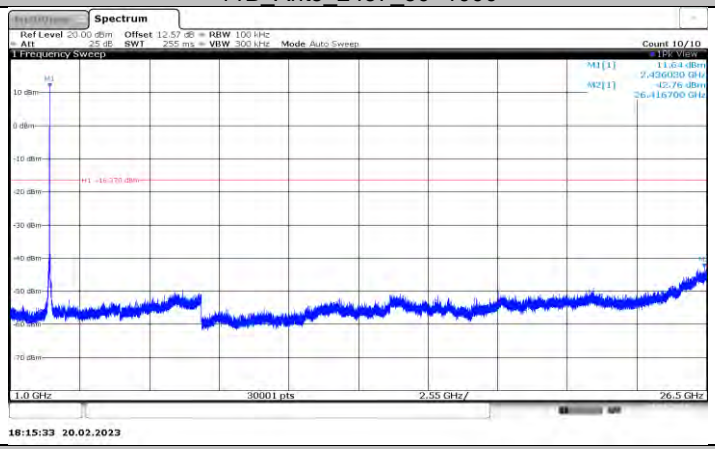

11B_Ant6_2412_1000~26500



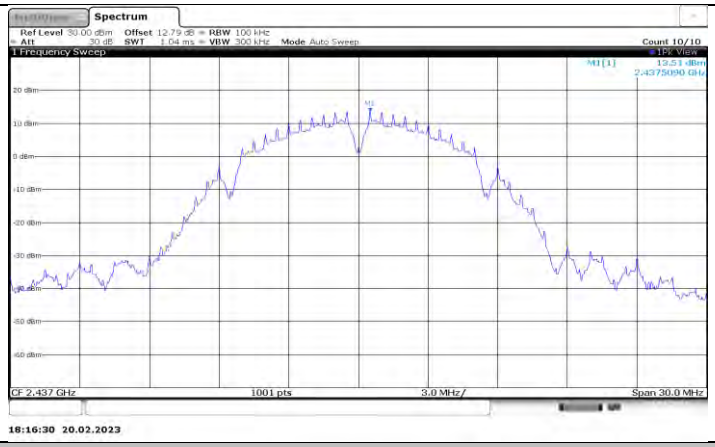

11B_Ant5_2437_0~Reference



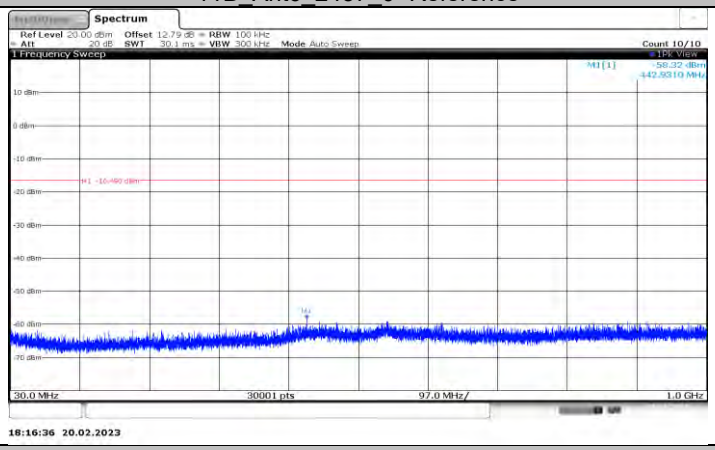

11B_Ant5_2437_30~1000



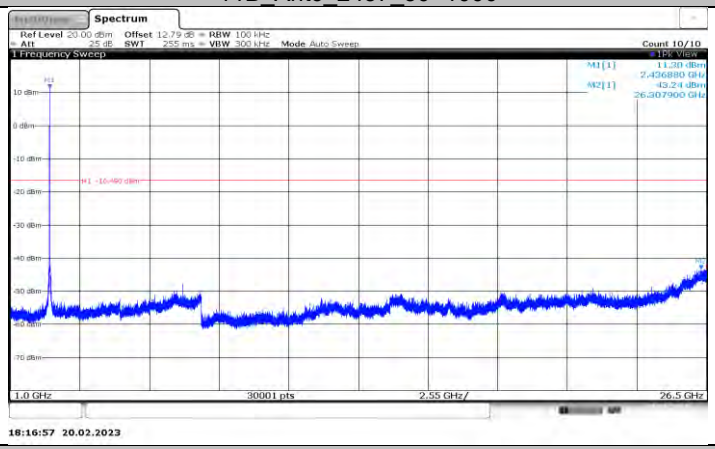

11B_Ant5_2437_1000~26500



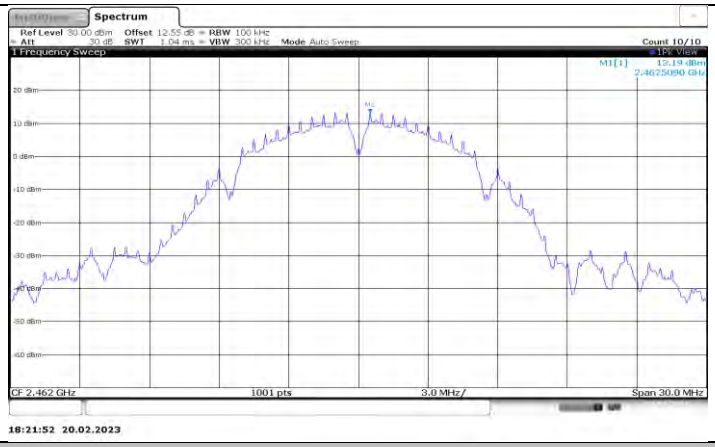

11B_Ant6_2437_0~Reference



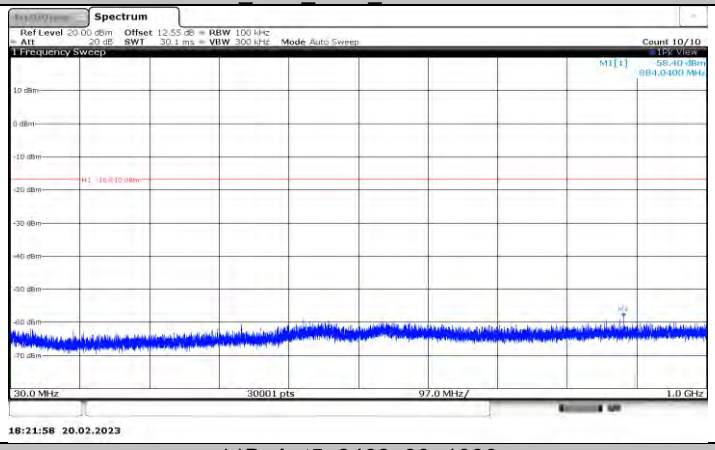

11B_Ant6_2437_30~1000



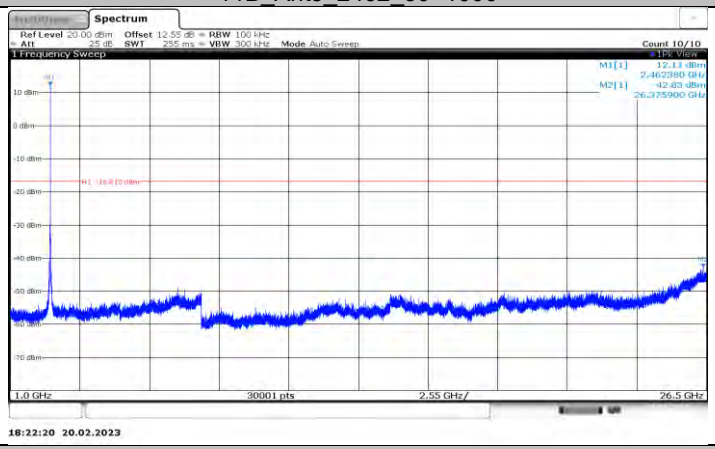

11B_Ant6_2437_1000~26500



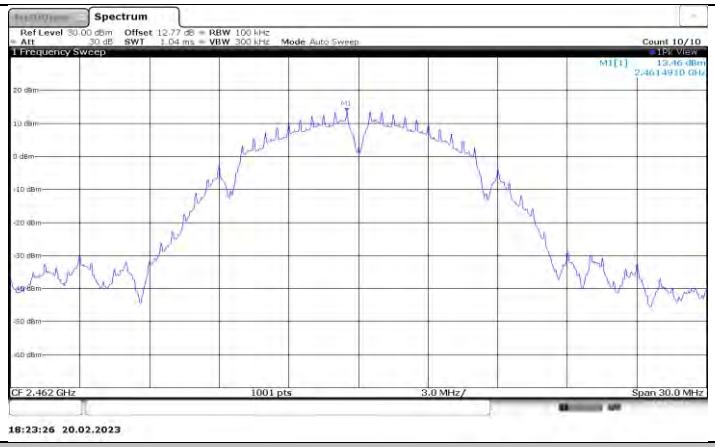

11B_Ant5_2462_0~Reference



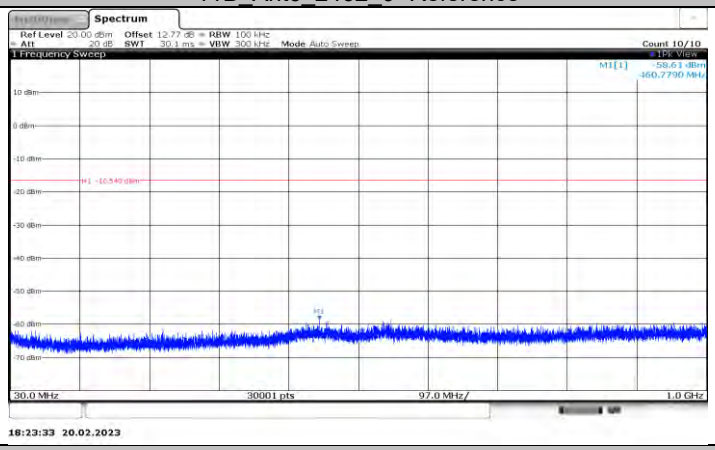

11B_Ant5_2462_30~1000



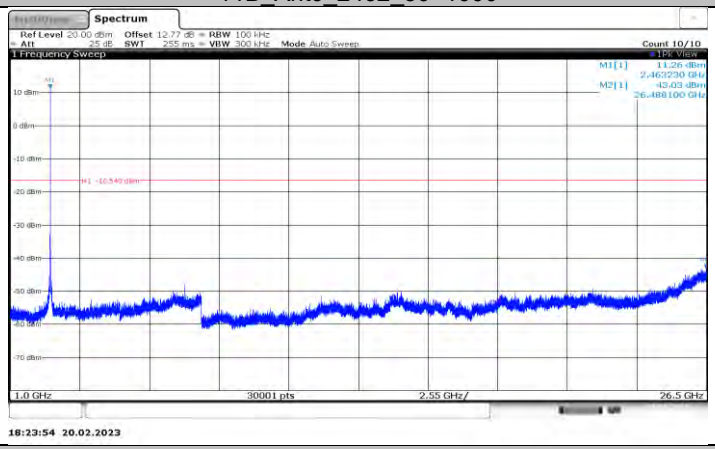

11B_Ant5_2462_1000~26500



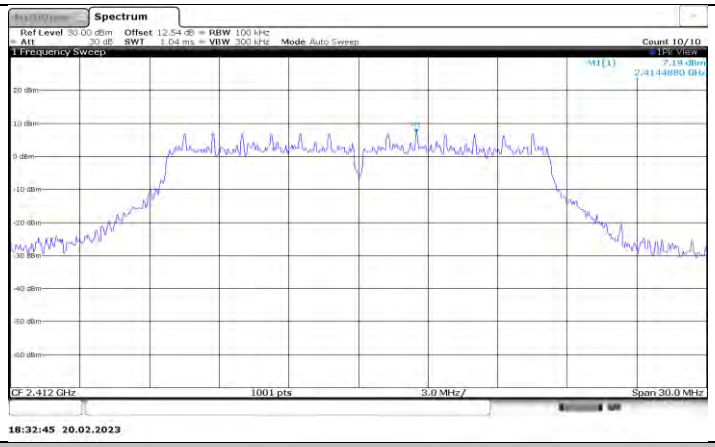

11B_Ant6_2462_0~Reference



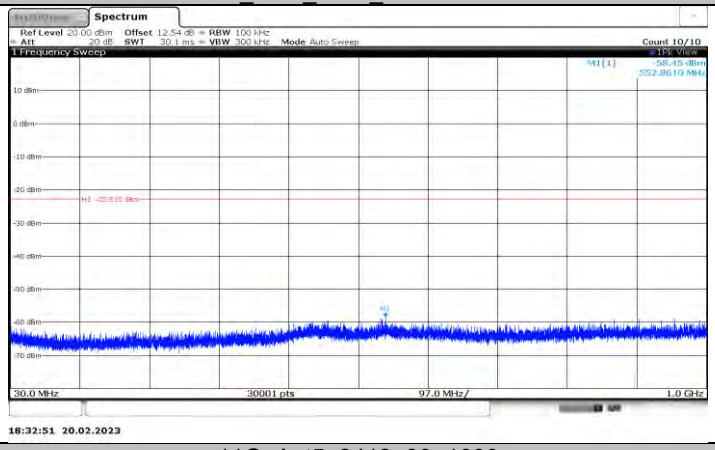

11B_Ant6_2462_30~1000



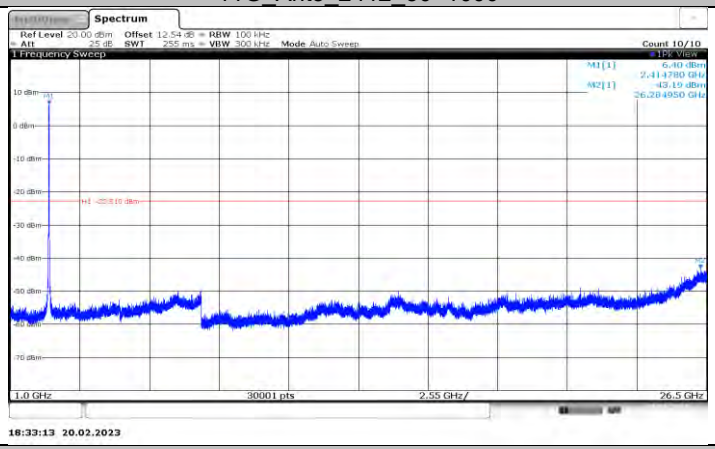

11B_Ant6_2462_1000~26500



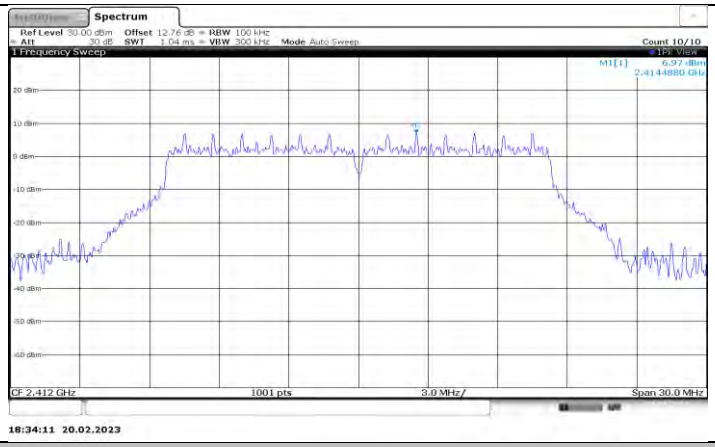

11G_Ant5_2412_0~Reference



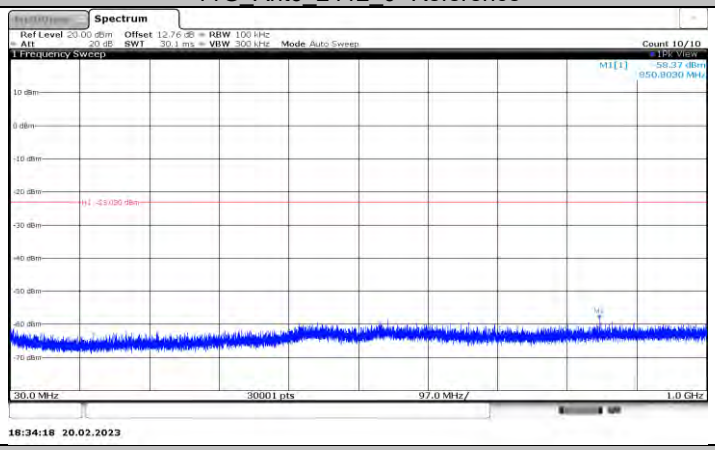

11G_Ant5_2412_30~1000




11G_Ant5_2412_1000~26500




11G_Ant6_2412_0~Reference

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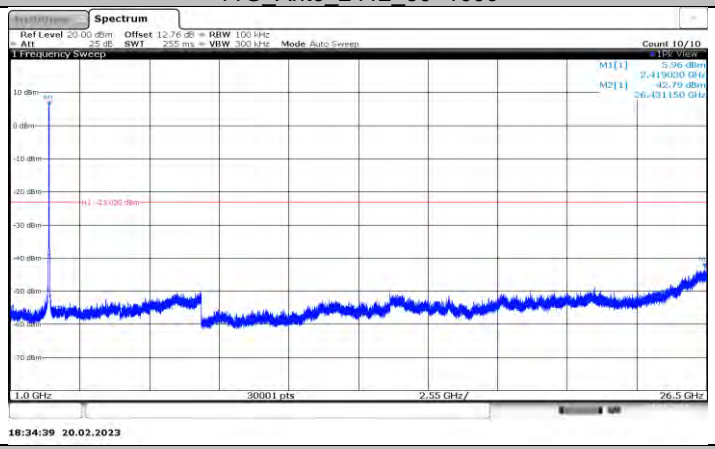


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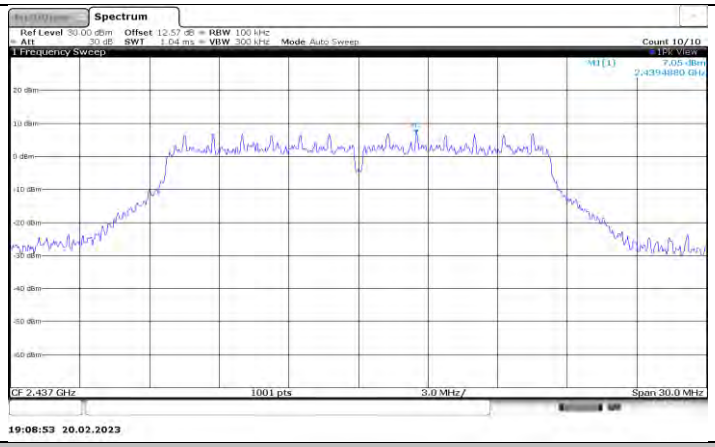


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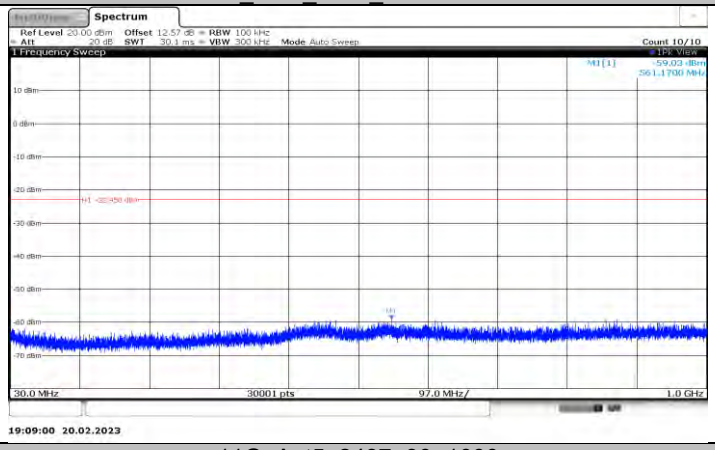


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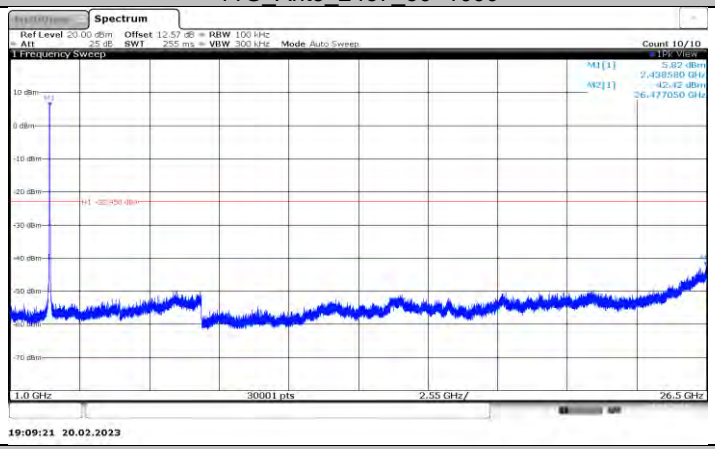


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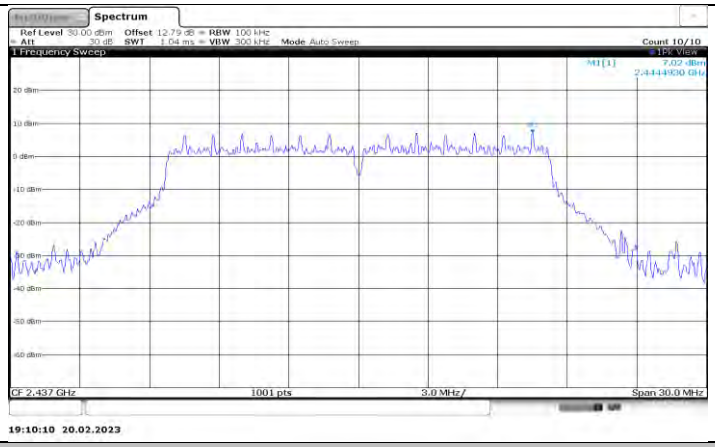


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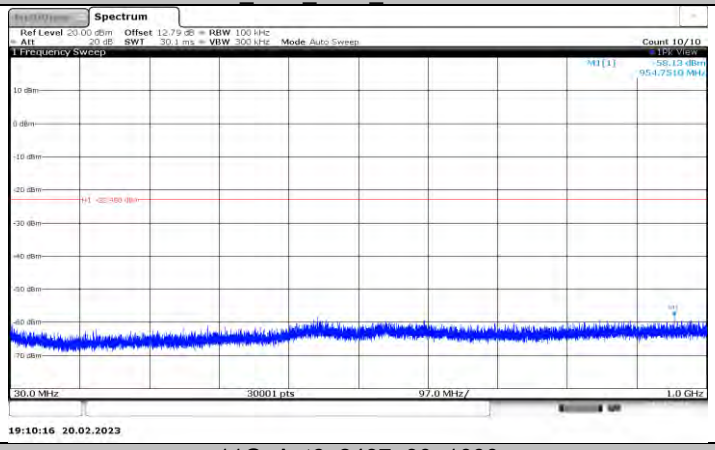


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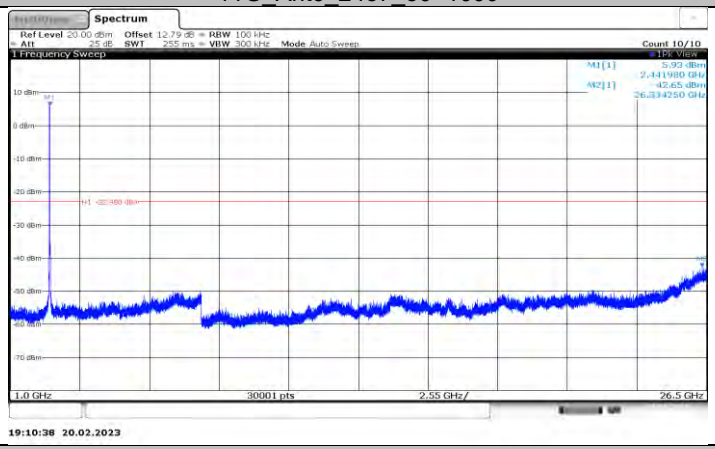


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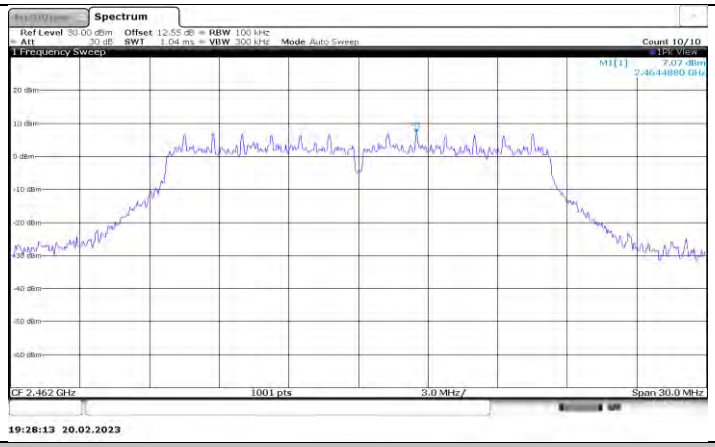


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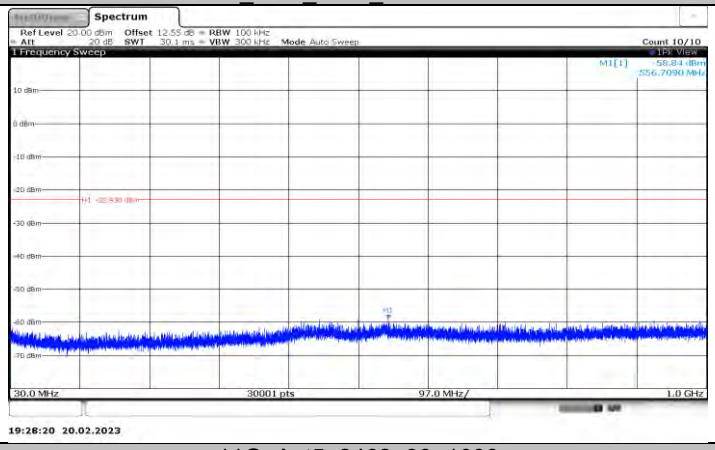


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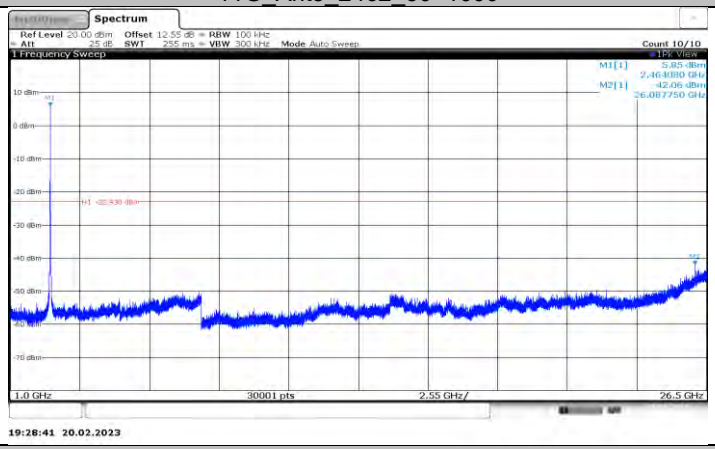


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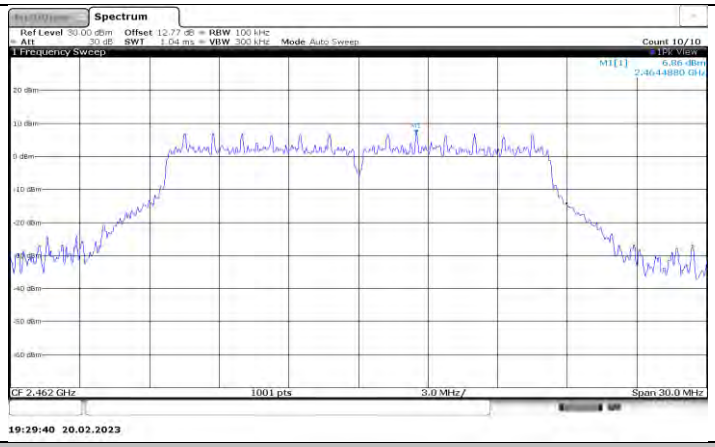


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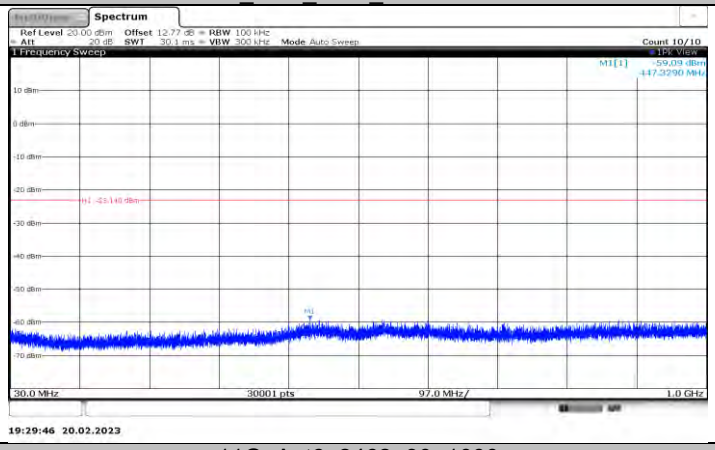


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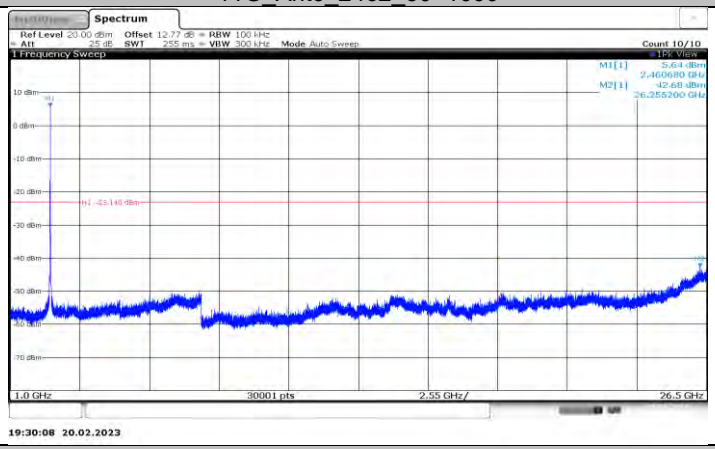


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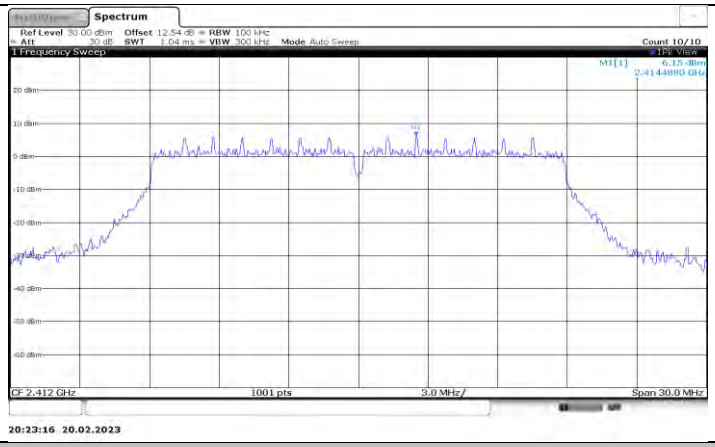
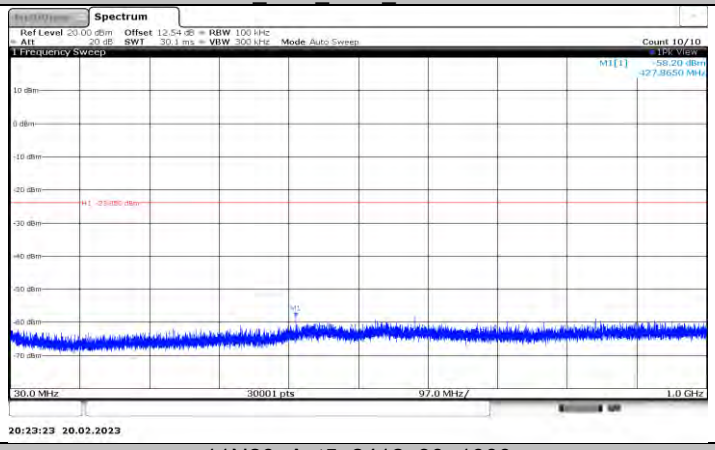



11N20_Ant5_2412_0~Reference

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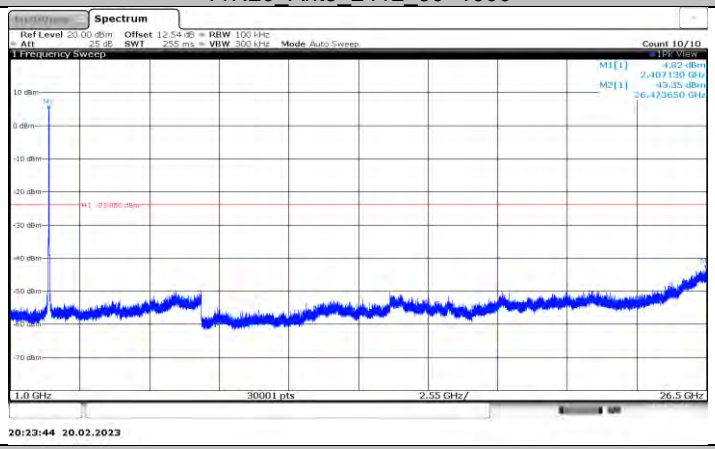


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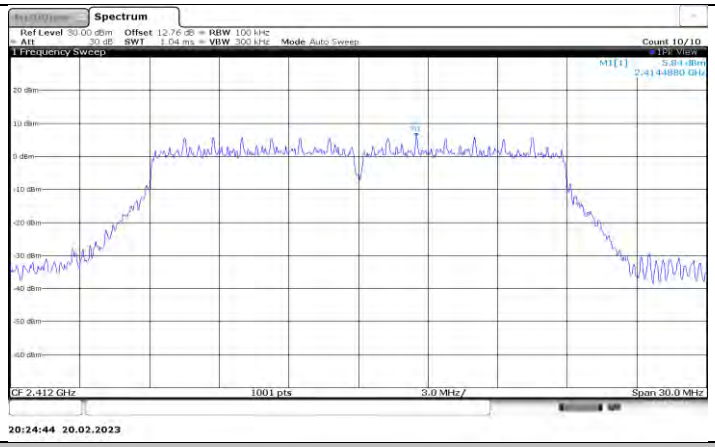


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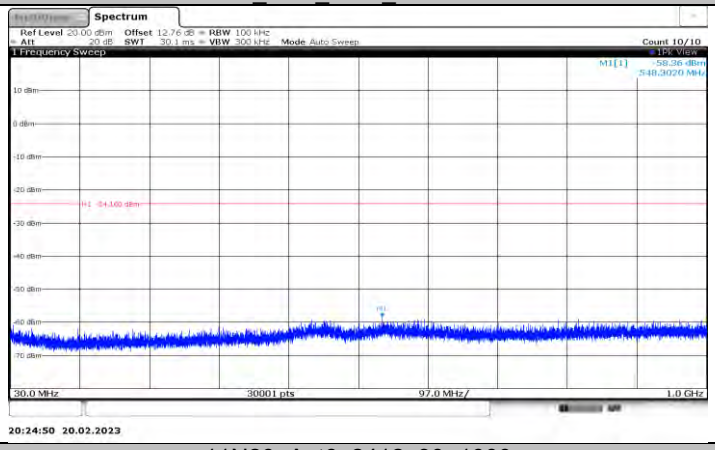


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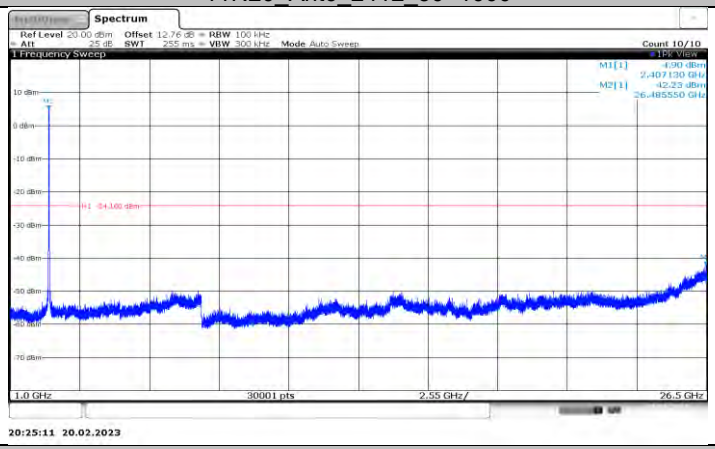


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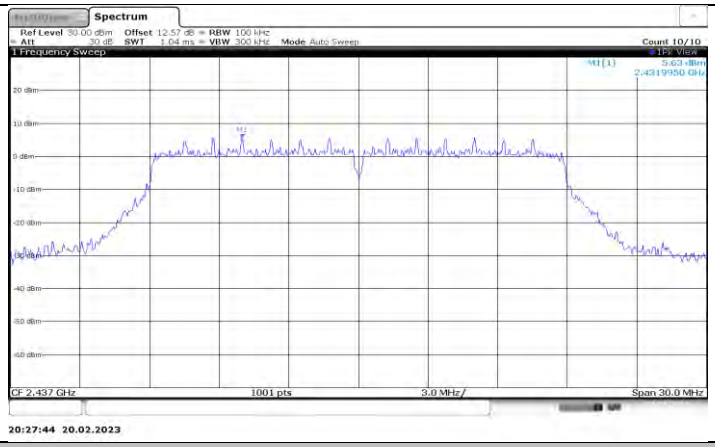


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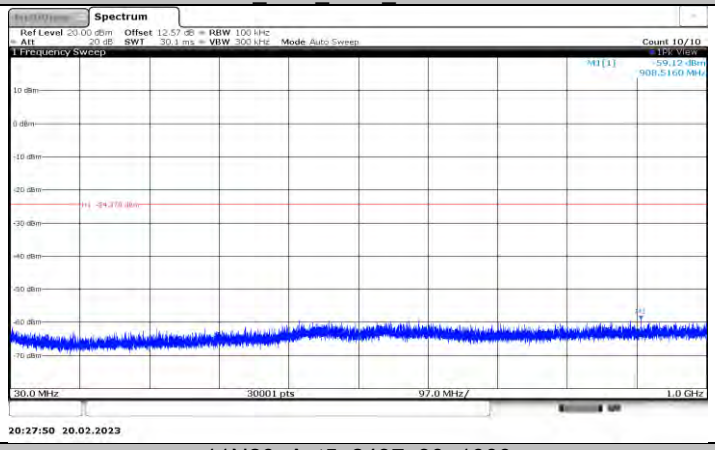


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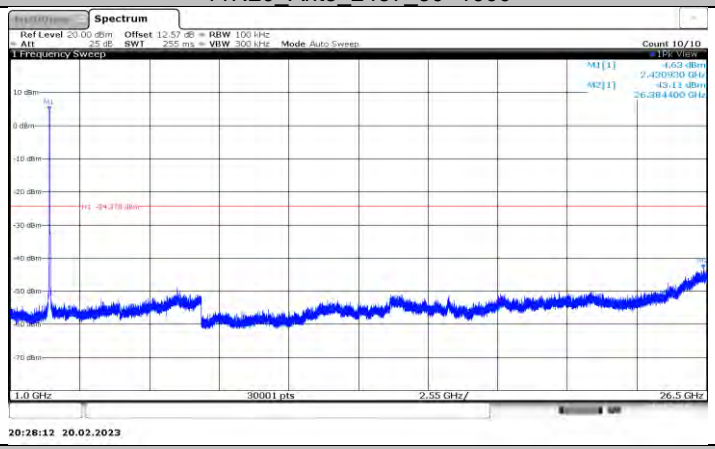


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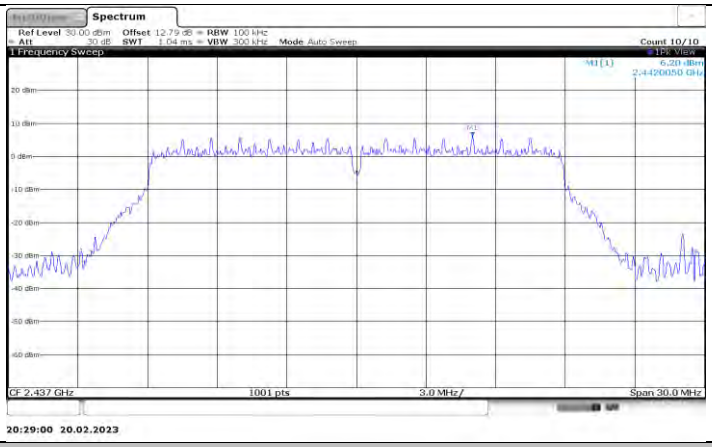


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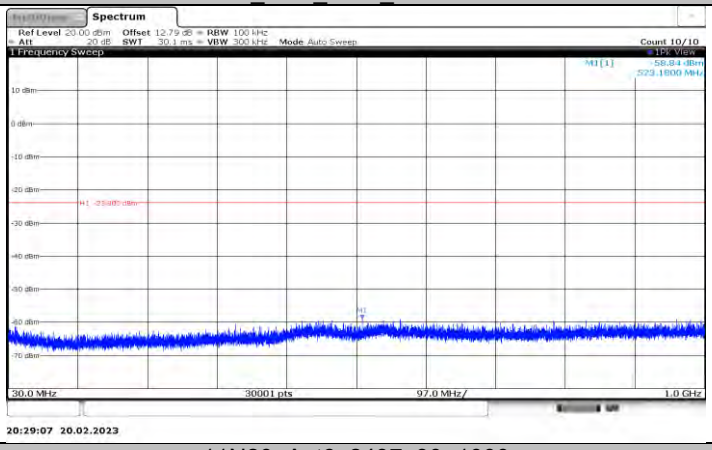


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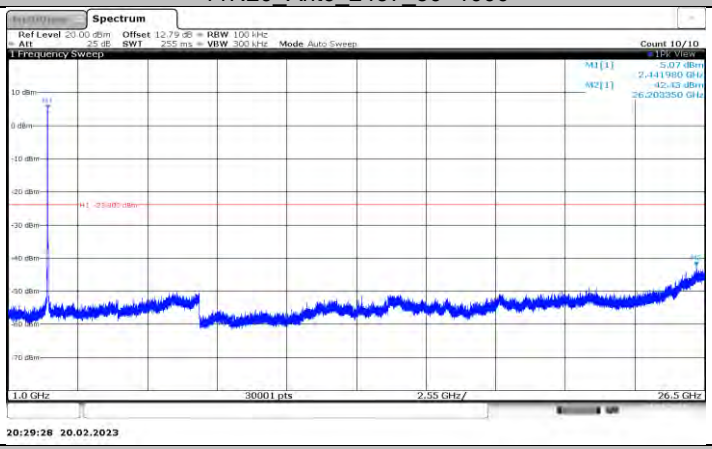


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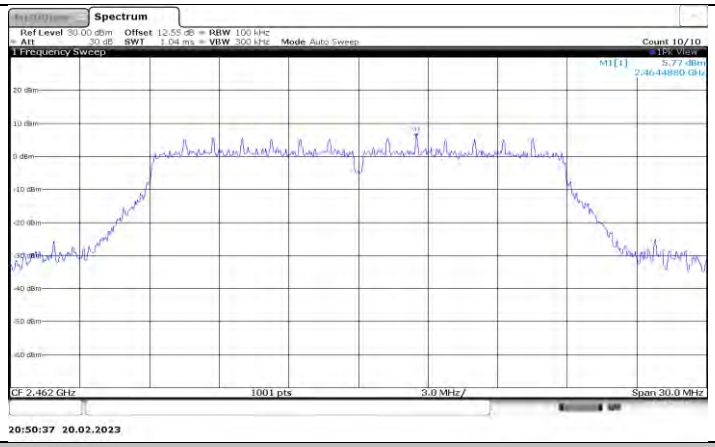


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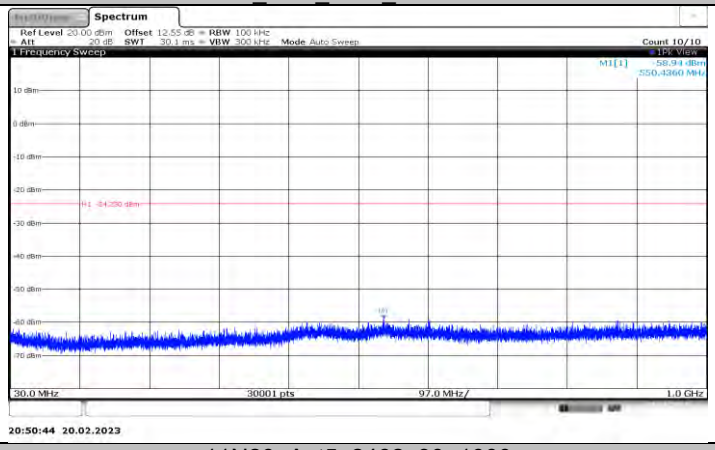


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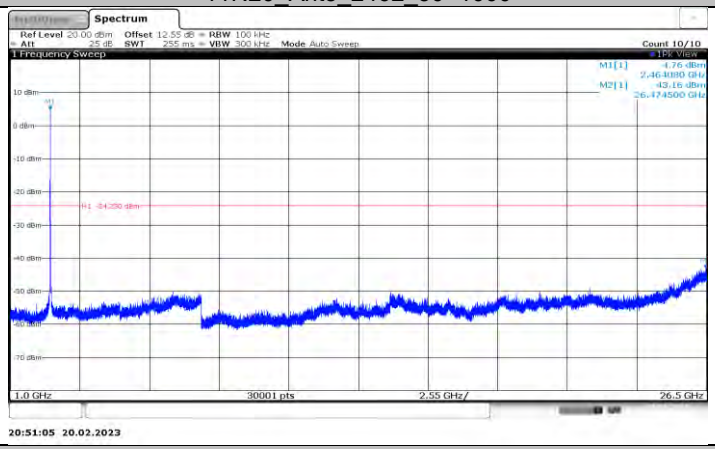


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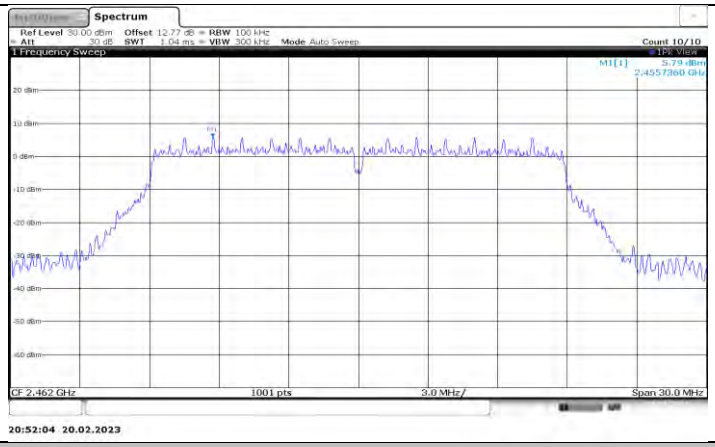


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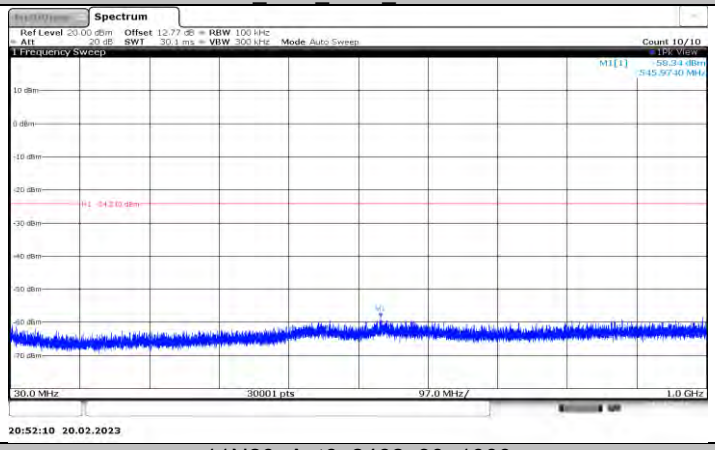


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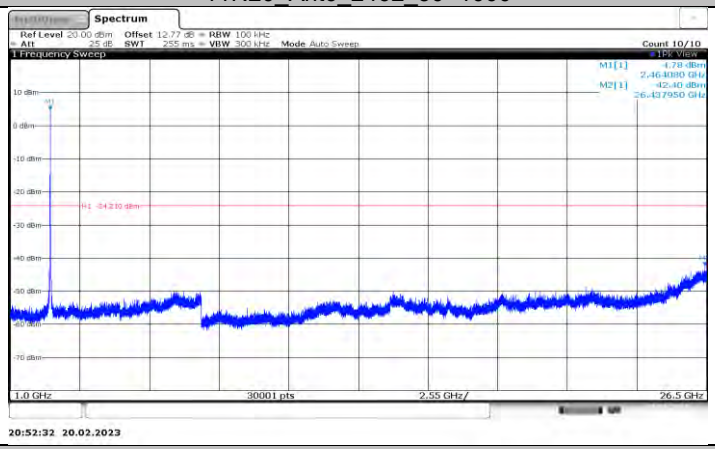


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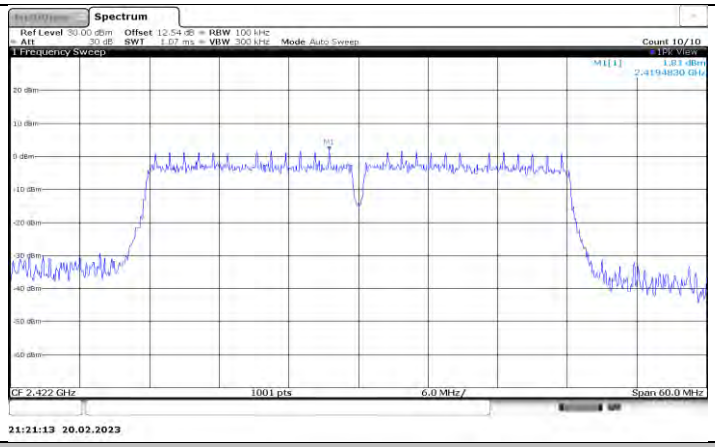


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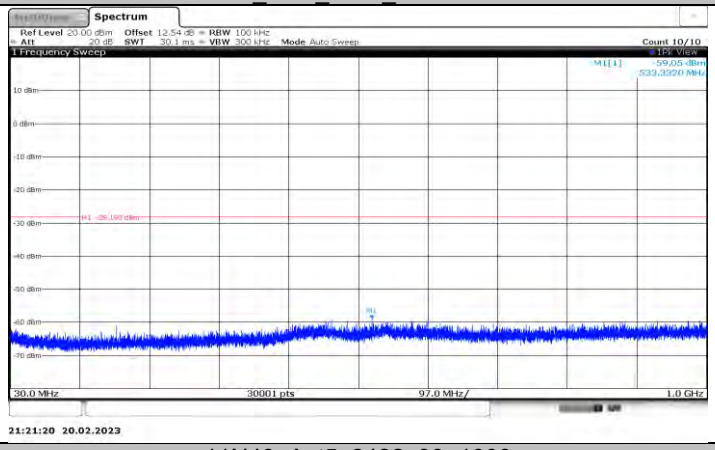


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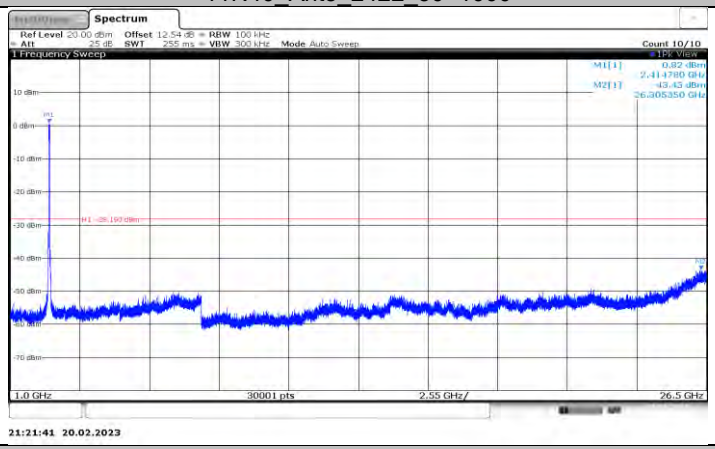


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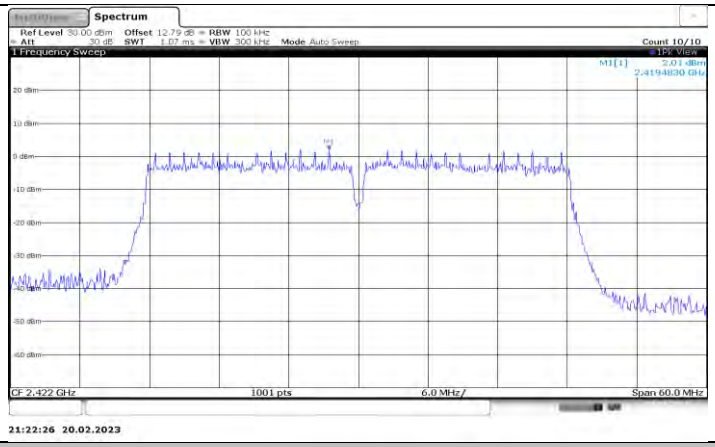


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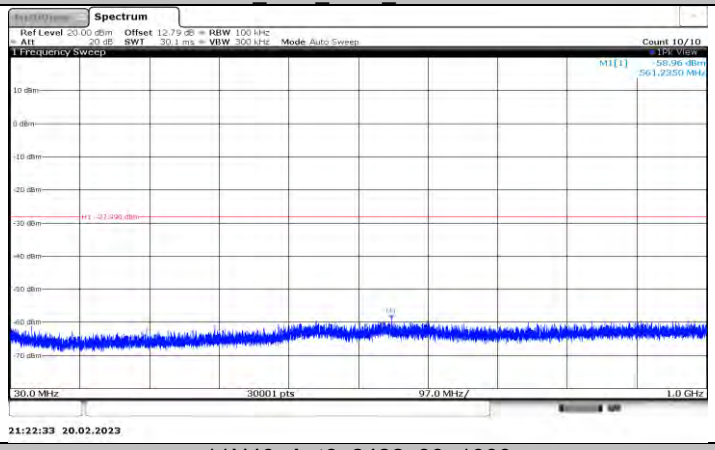


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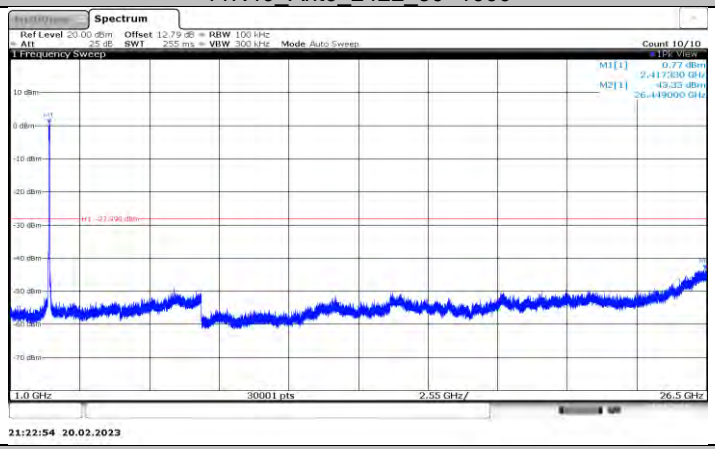
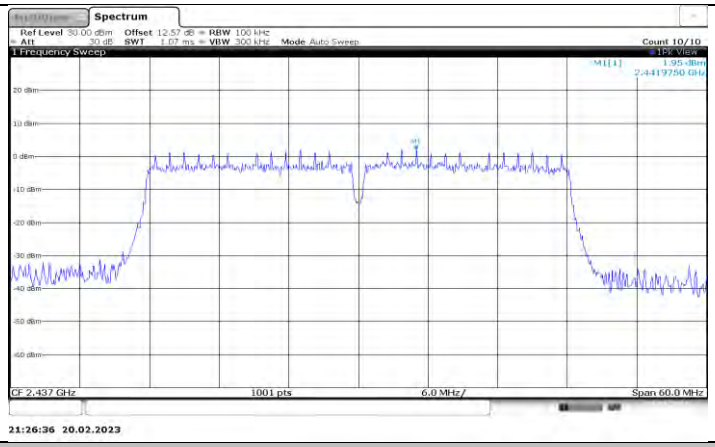



11N40_Ant6_2422_1000~26500

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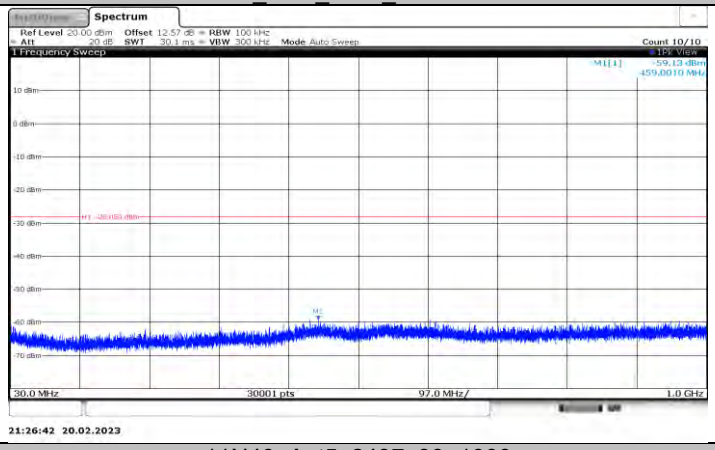


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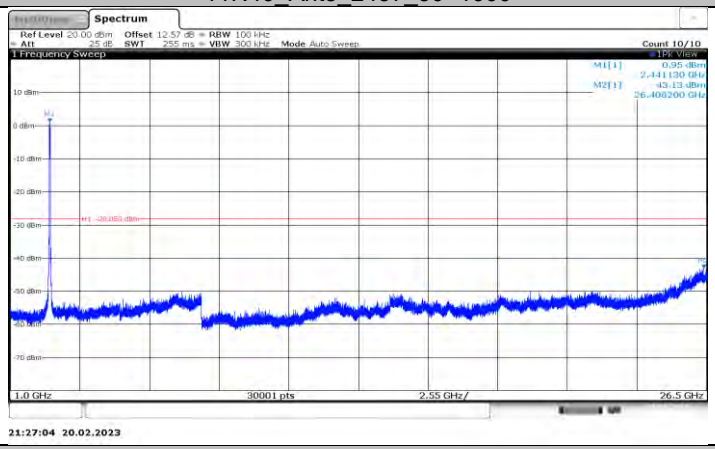


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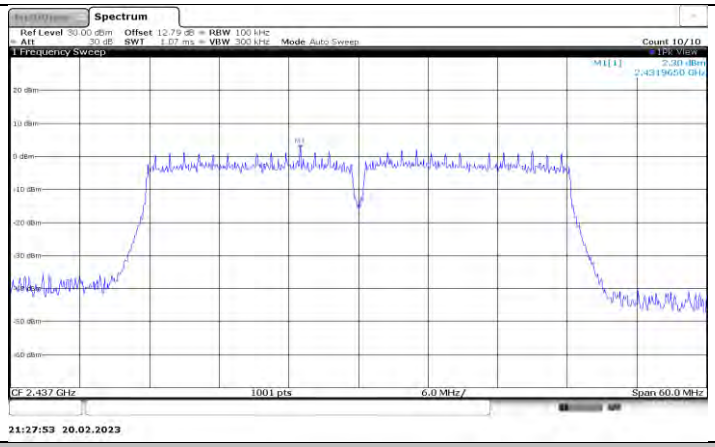


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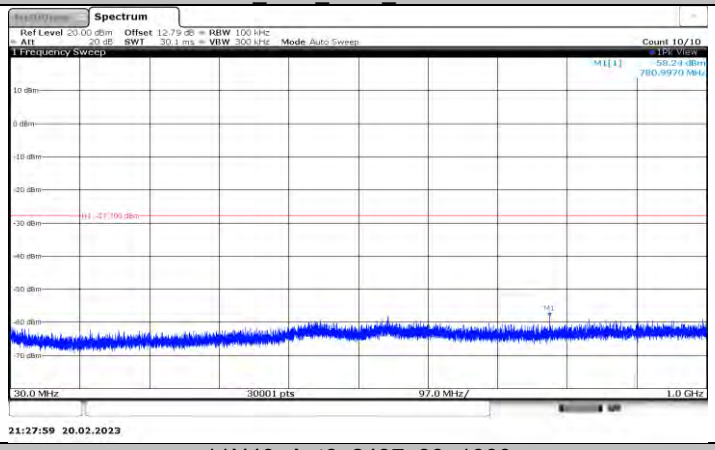


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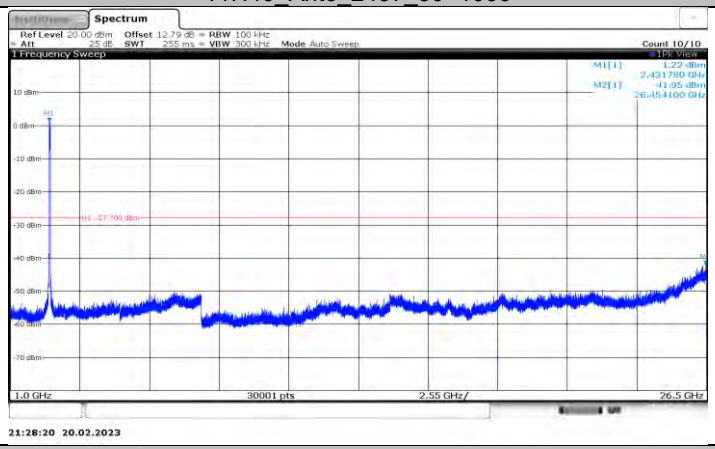


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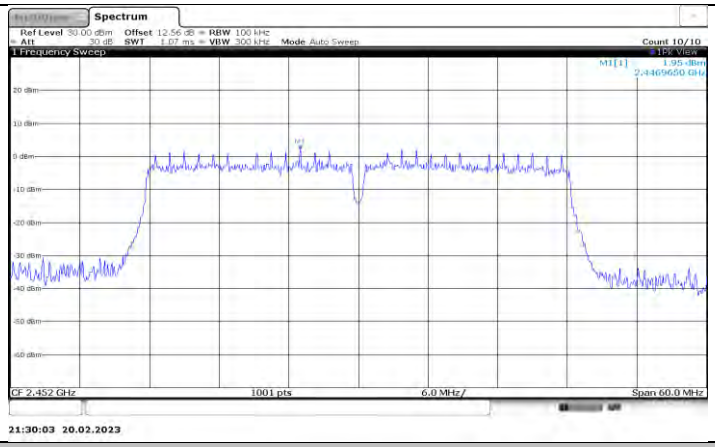


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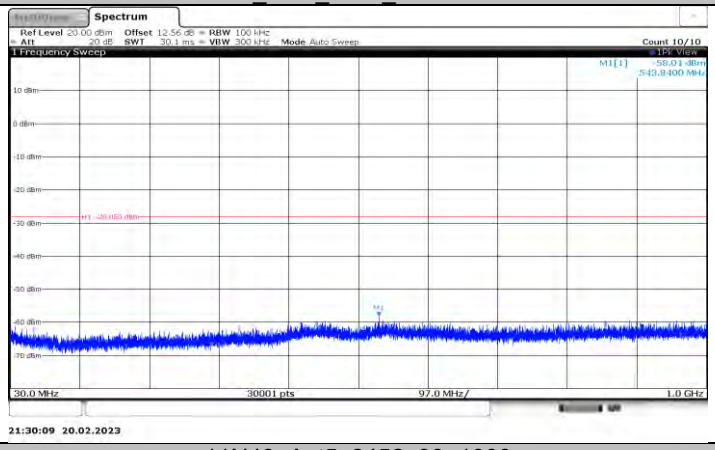


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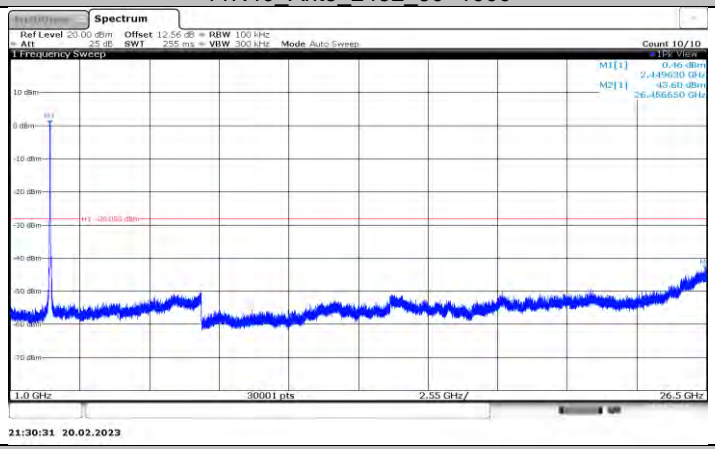
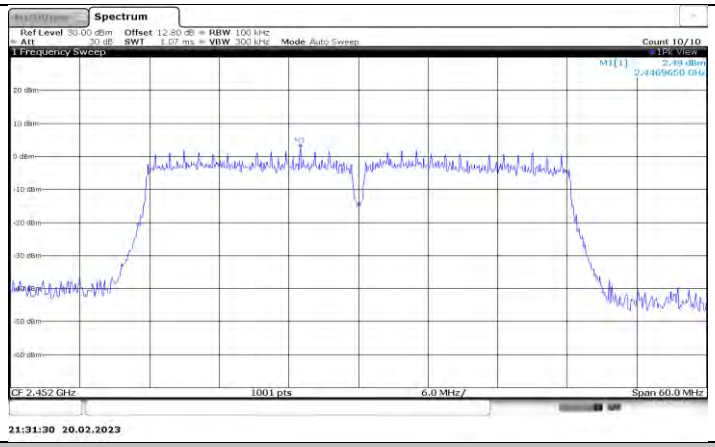



11N40_Ant5_2452_1000~26500

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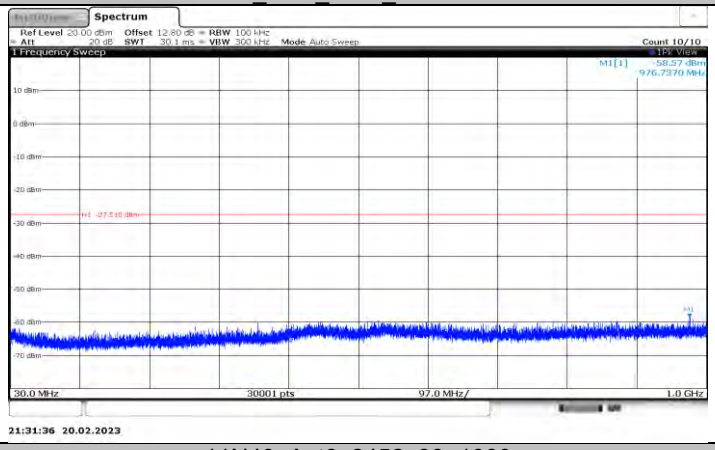


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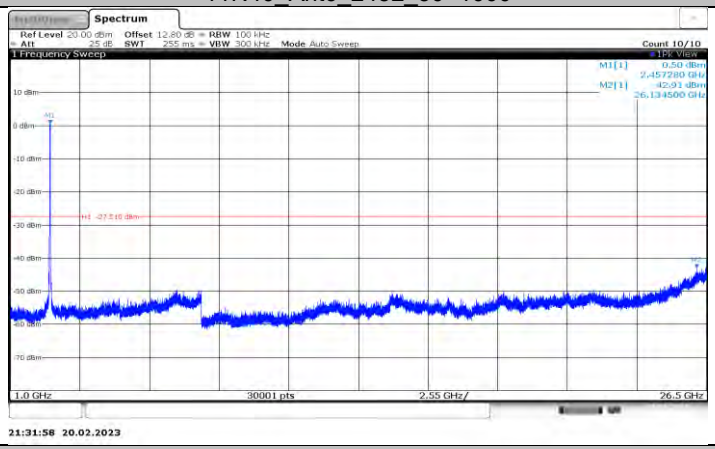


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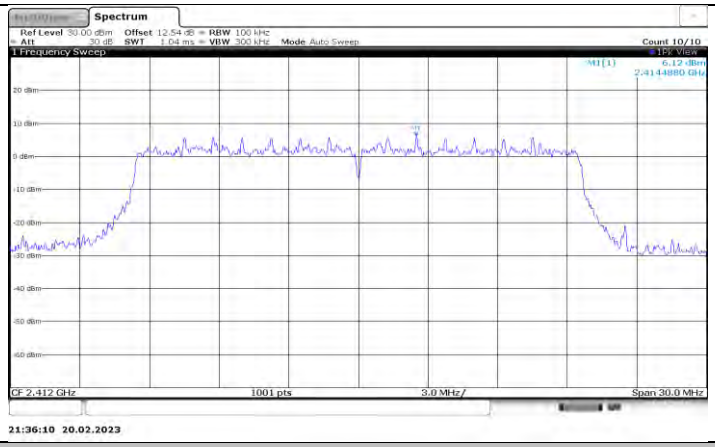


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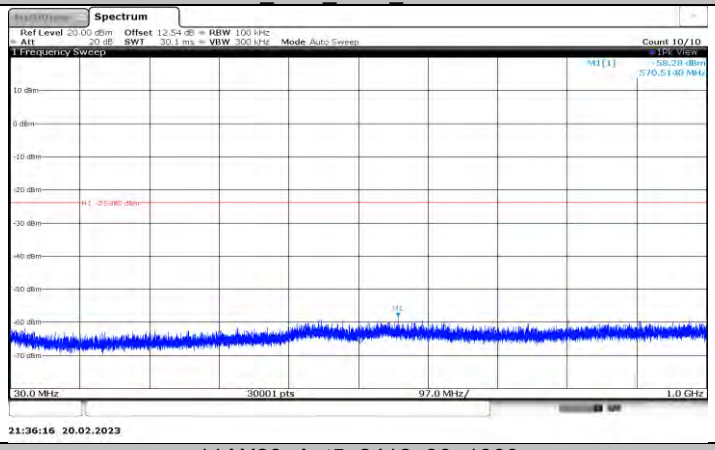


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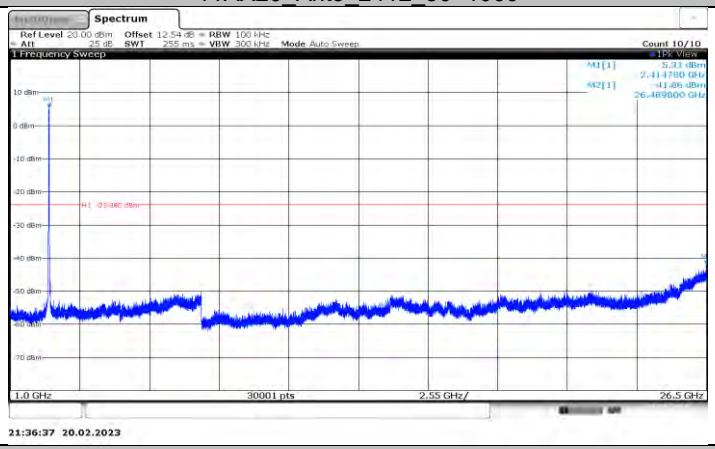
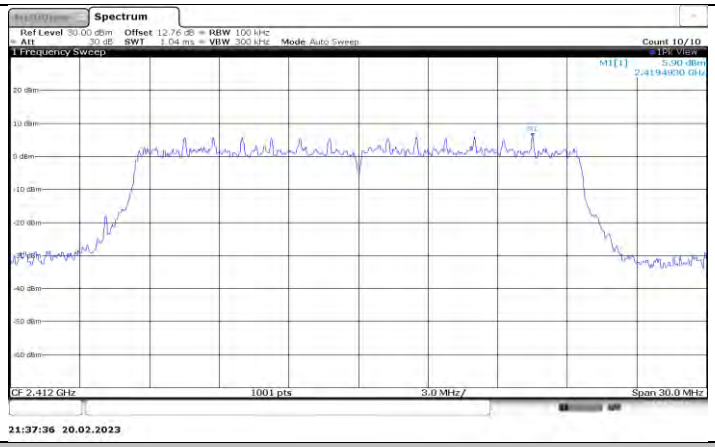



11AX20_Ant5_2412_1000~26500

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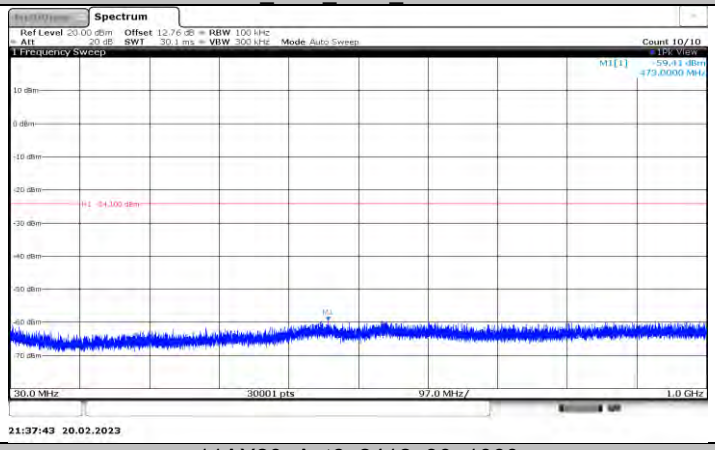
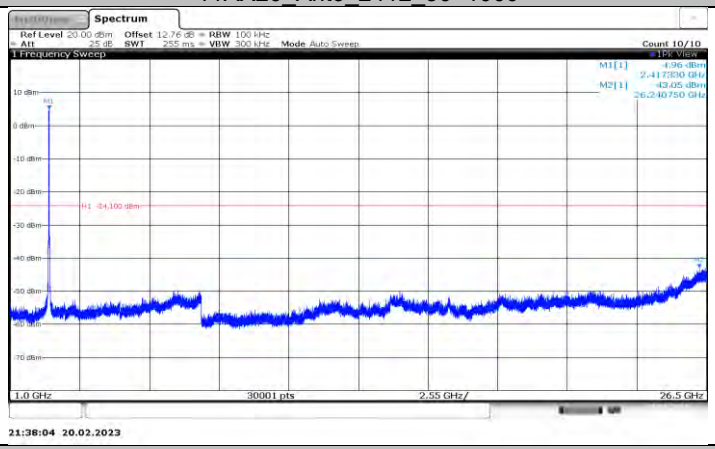
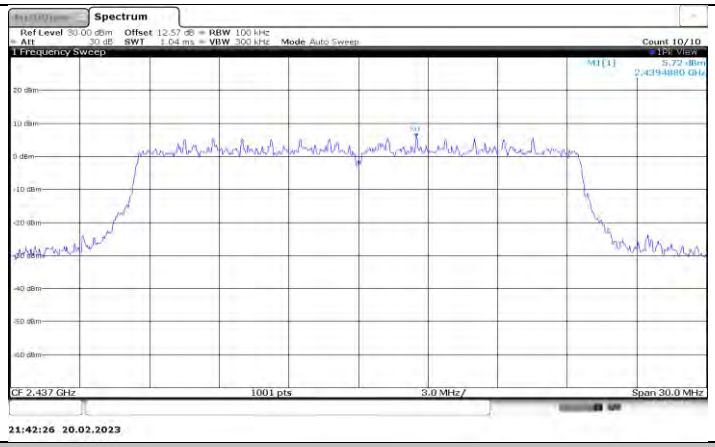


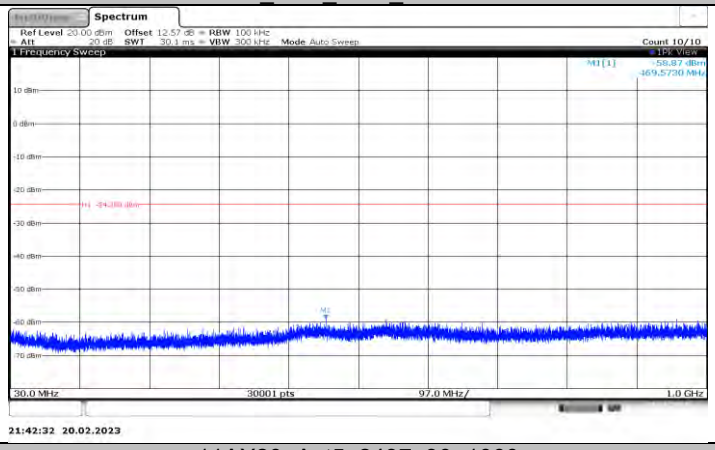

11AX20_Ant6_2412_30~1000



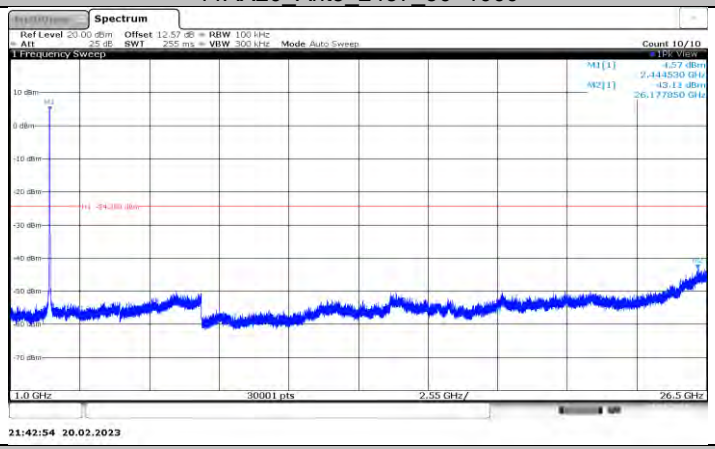

11AX20_Ant6_2412_1000~26500



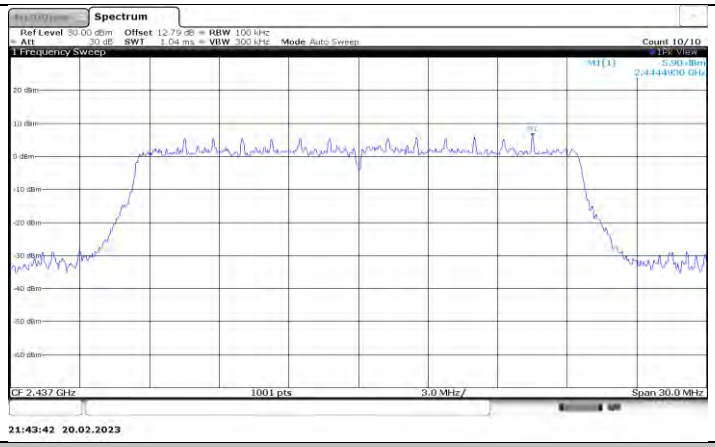

11AX20_Ant5_2437_0~Reference



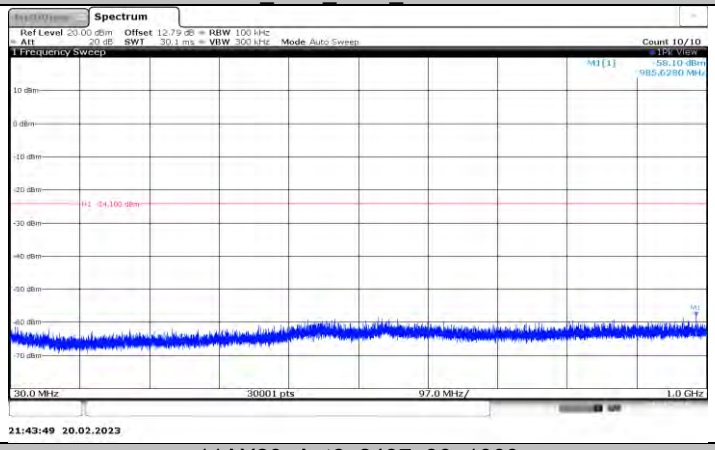

11AX20_Ant5_2437_30~1000



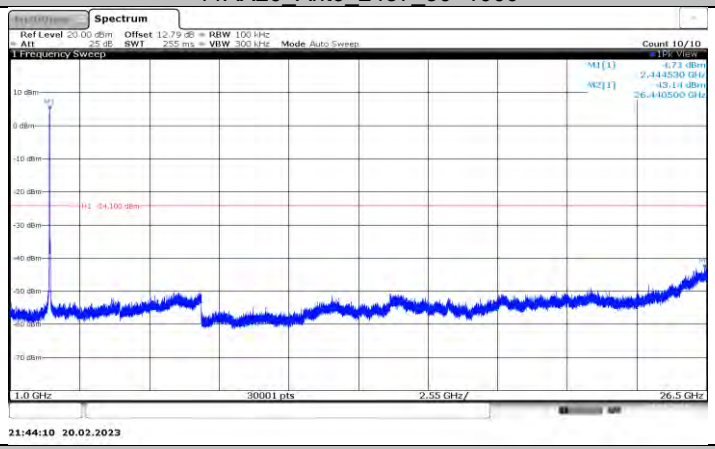

11AX20_Ant5_2437_1000~26500



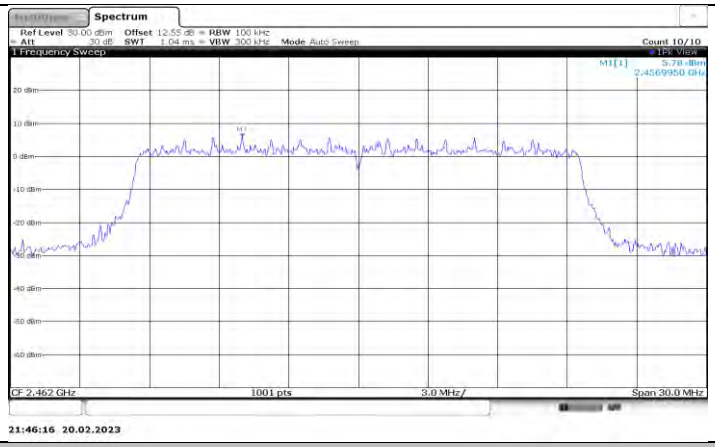

11AX20_Ant6_2437_0~Reference



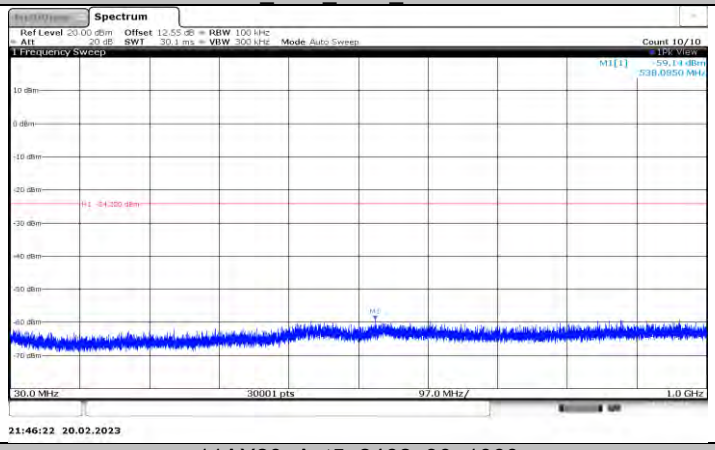

11AX20_Ant6_2437_30~1000



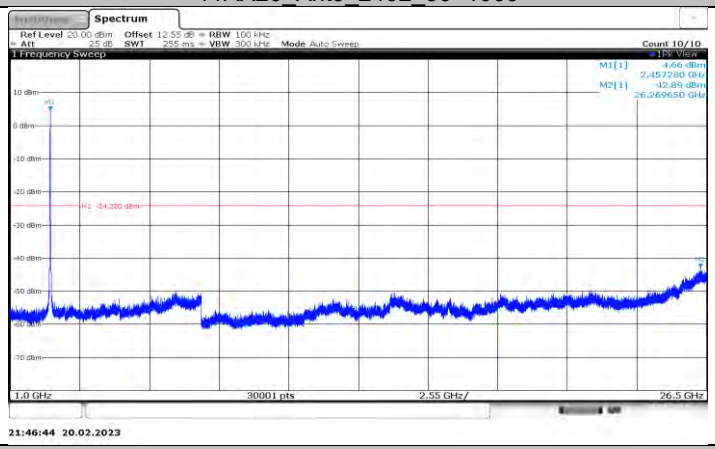

11AX20_Ant6_2437_1000~26500



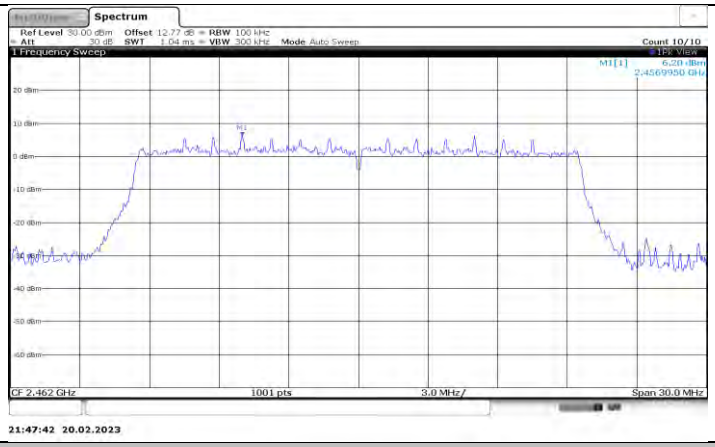

11AX20_Ant5_2462_0~Reference



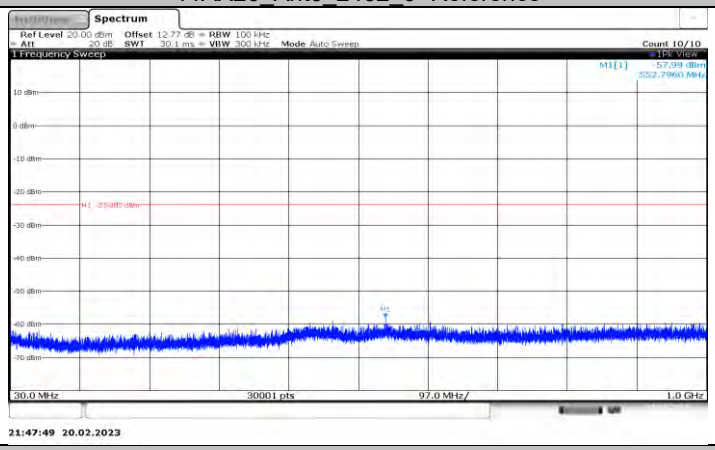

11AX20_Ant5_2462_30~1000



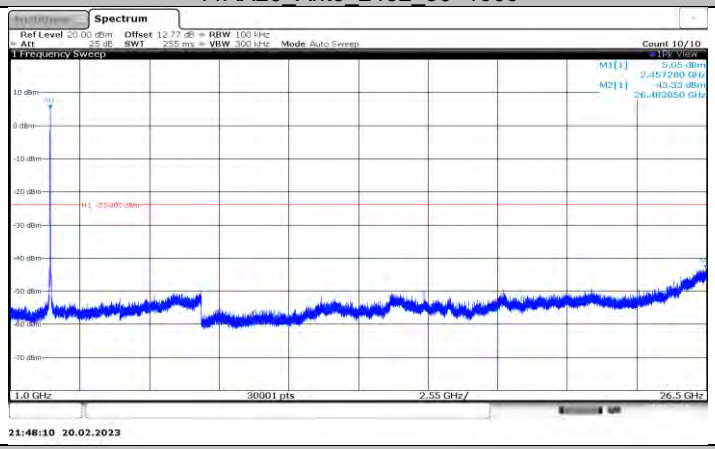

11AX20_Ant5_2462_1000~26500



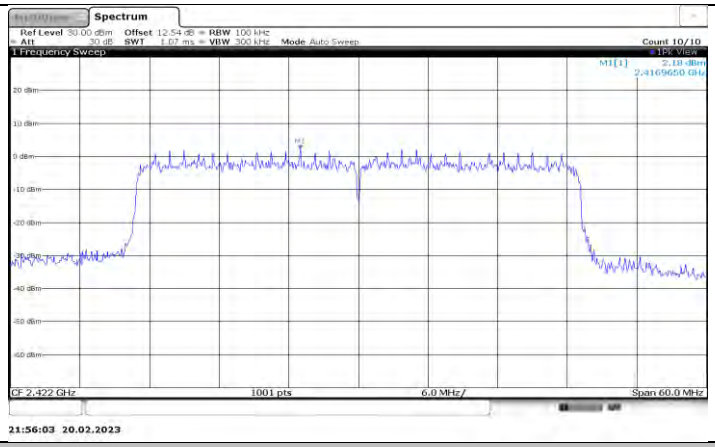

11AX20_Ant6_2462_0~Reference



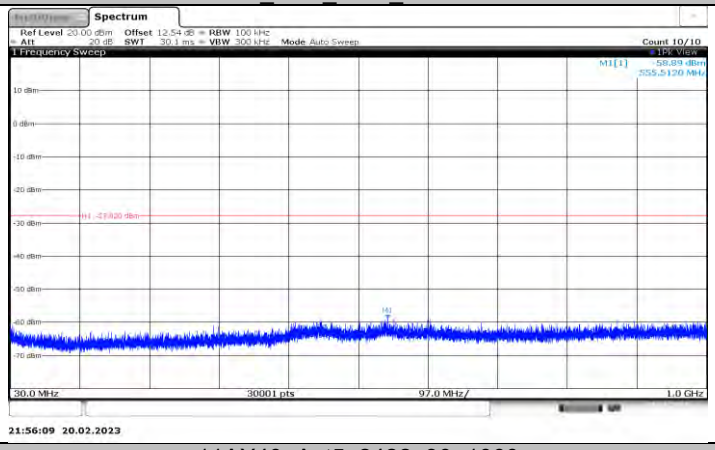

11AX20_Ant6_2462_30~1000



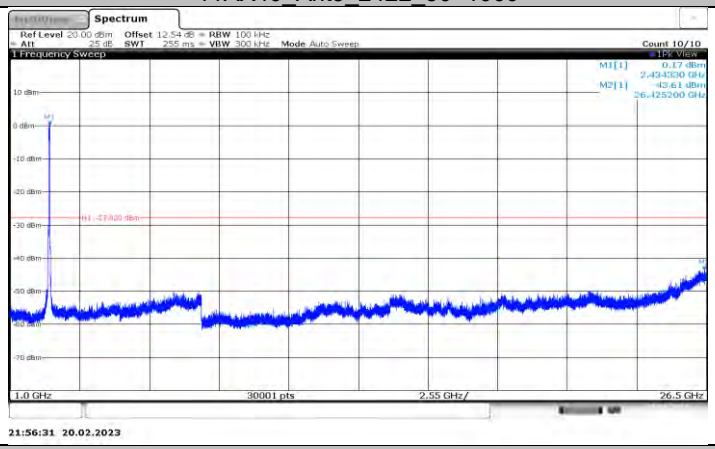

11AX20_Ant6_2462_1000~26500



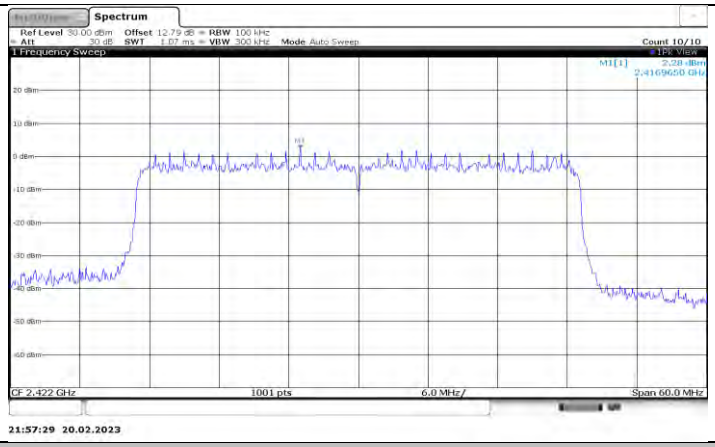

11AX40_Ant5_2422_0~Reference



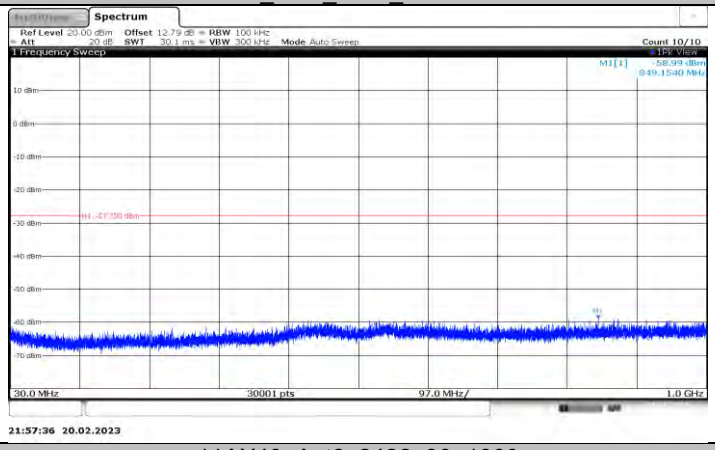

11AX40_Ant5_2422_30~1000



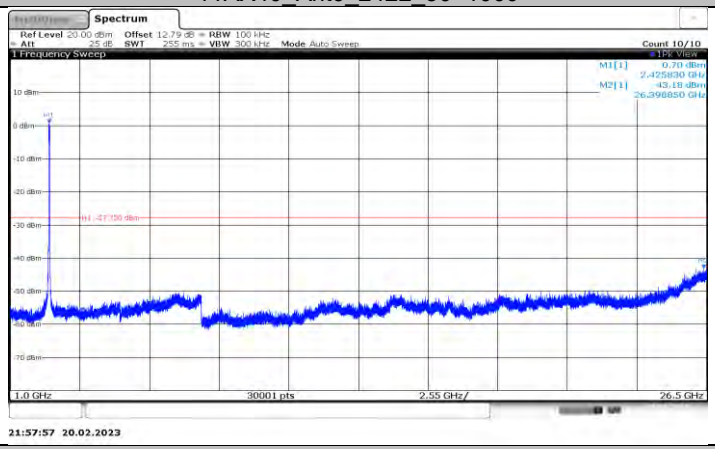

11AX40_Ant5_2422_1000~26500



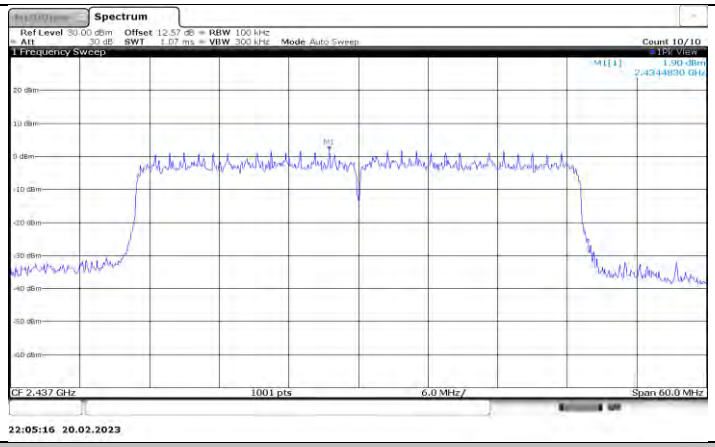

11AX40_Ant6_2422_0~Reference



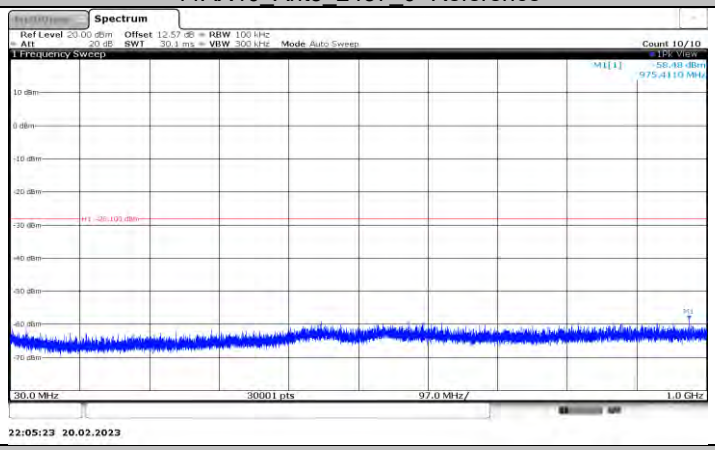

11AX40_Ant6_2422_30~1000



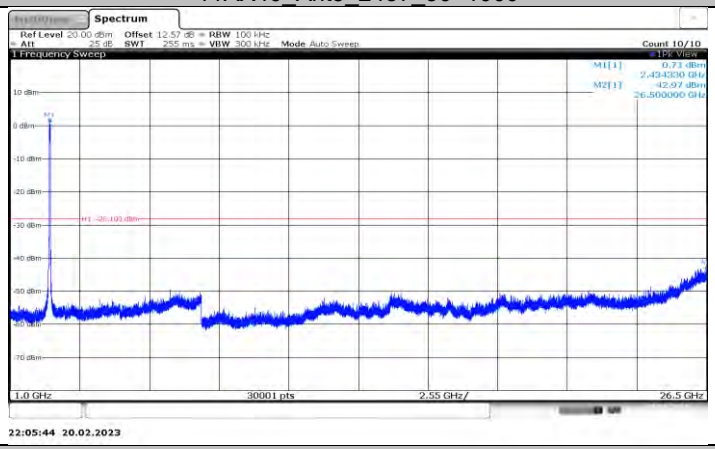

11AX40_Ant6_2422_1000~26500



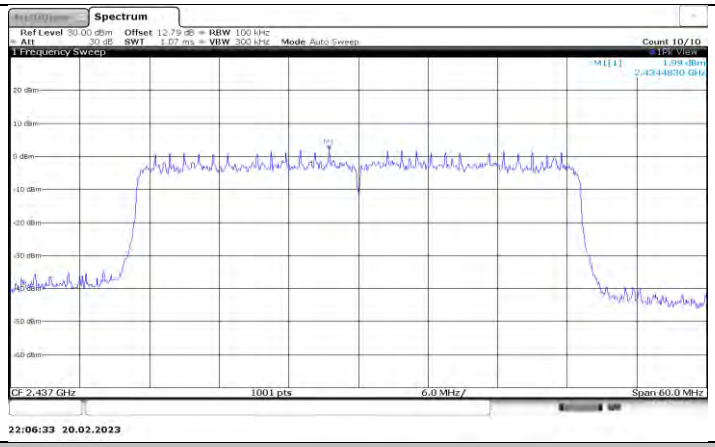

11AX40_Ant5_2437_0~Reference



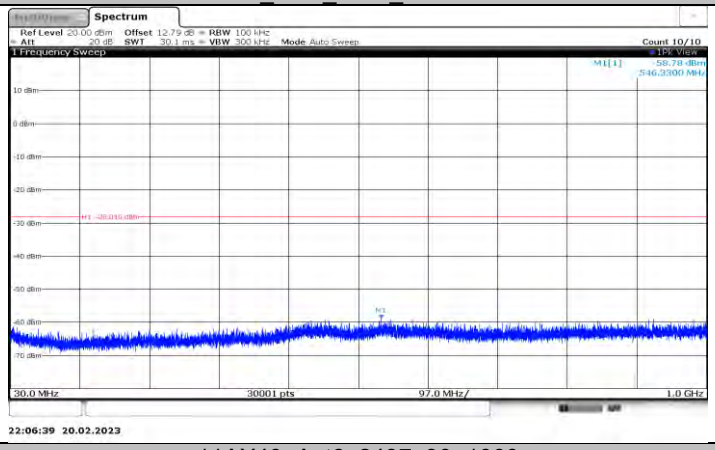

11AX40_Ant5_2437_30~1000



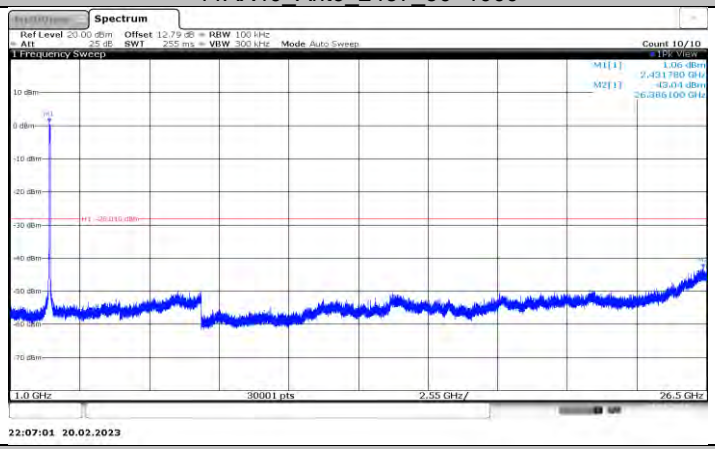

11AX40_Ant5_2437_1000~26500



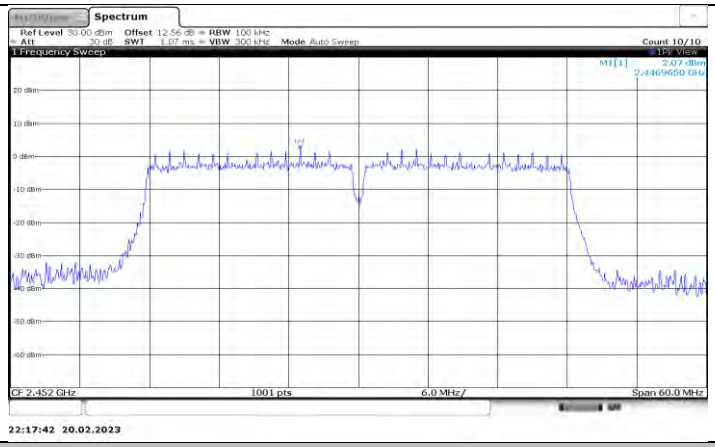

11AX40_Ant6_2437_0~Reference



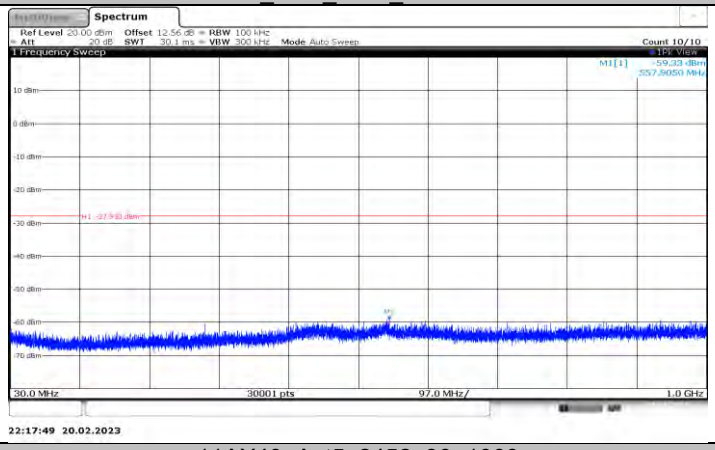

11AX40_Ant6_2437_30~1000



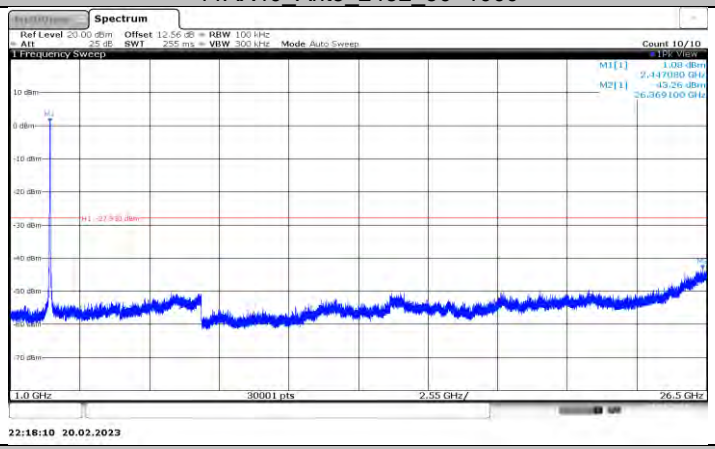

11AX40_Ant6_2437_1000~26500



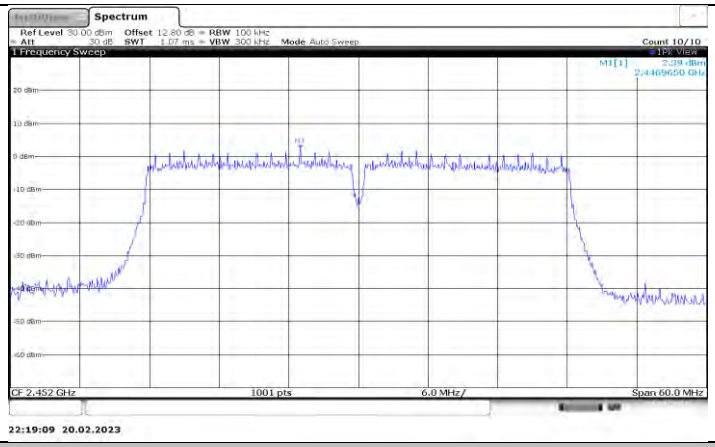

11AX40_Ant5_2452_0~Reference



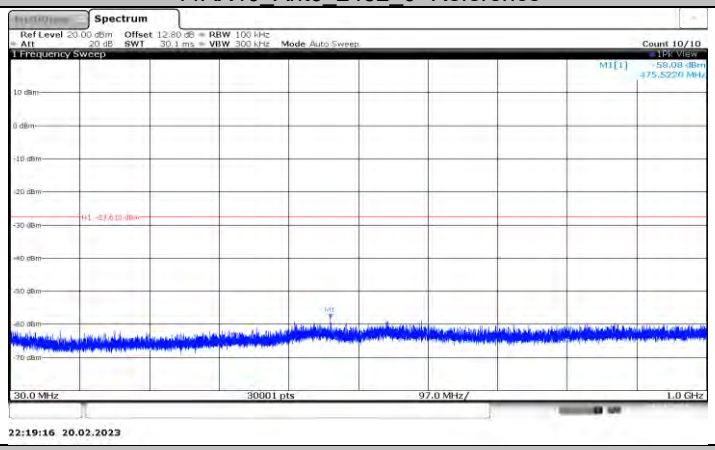

11AX40_Ant5_2452_30~1000



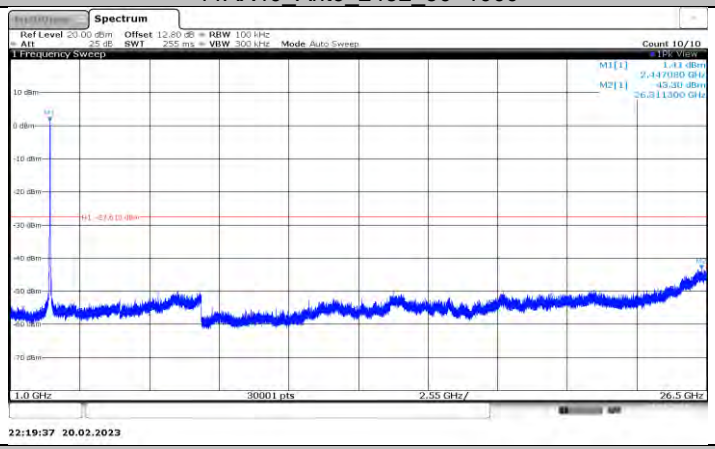

11AX40_Ant5_2452_1000~26500




11AX40_Ant6_2452_0~Reference




11AX40_Ant6_2452_30~1000




11AX40_Ant6_2452_1000~26500

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

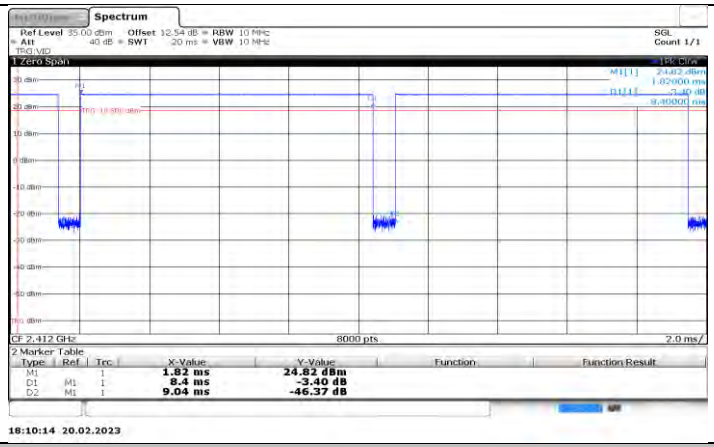
## 11.7. APPENDIX G: DUTY CYCLE

### 11.7.1. Test Result

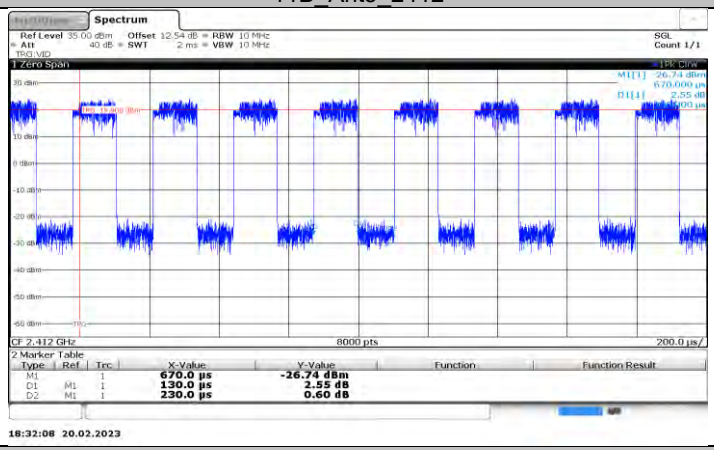
| Test Mode | On Time (msec) | Period (msec) | Duty Cycle x (Linear) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | 1/T Minimum VBW (kHz) | Final setting For VBW (kHz) |
|---|---|---|---|---|---|---|---|
| 11B | 8.4 | 9.04 | 0.9292 | 92.92 | 0.32 | 0.12 | 1 |
| 11G | 0.13 | 0.23 | 0.5652 | 56.52 | 2.48 | 7.69 | 8 |
| 11N20 | 0.14 | 0.24 | 0.5833 | 58.33 | 2.34 | 7.14 | 8 |
| 11N40 | 0.12 | 0.22 | 0.5455 | 54.55 | 2.63 | 8.33 | 9 |
| 11AX20 | 0.32 | 0.35 | 0.9143 | 91.43 | 0.39 | 3.13 | 4 |
| 11AX40 | 0.31 | 0.34 | 0.9118 | 91.18 | 0.40 | 3.23 | 4 |

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 had been tested, but only the worst data was recorded in the report.

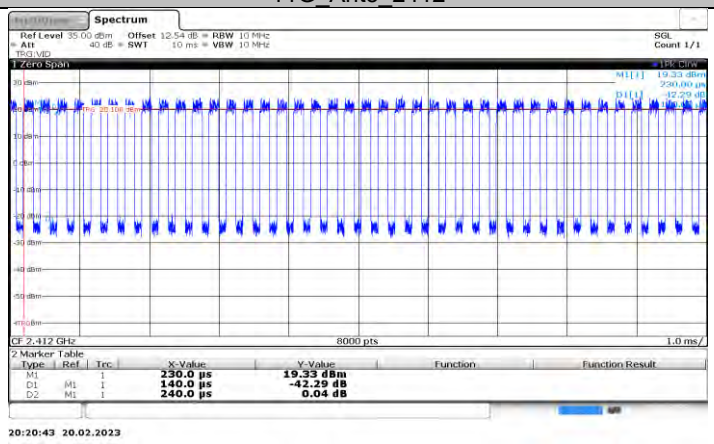
### 11.7.2. Test Graphs



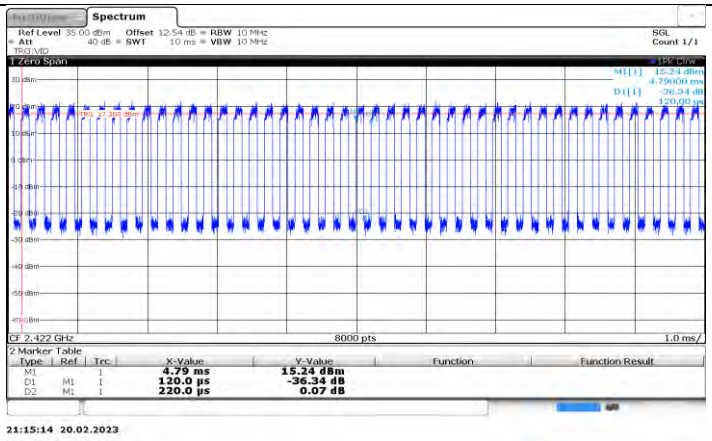

11B_Ant5_2412



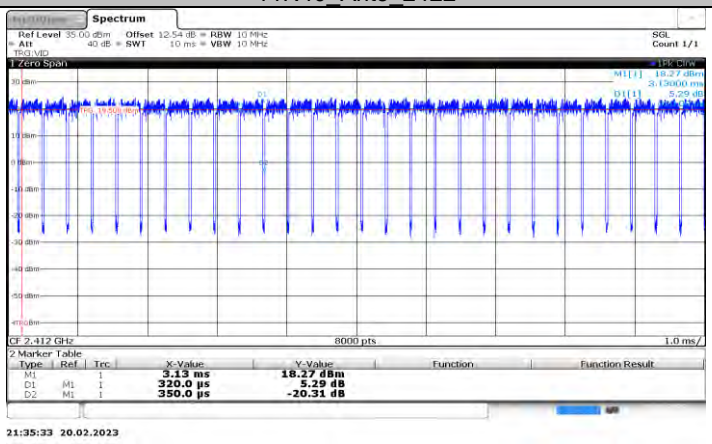

11G_Ant5_2412



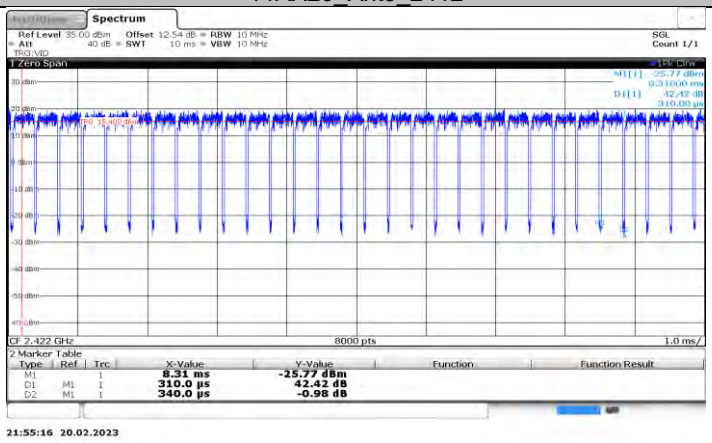

11N20_Ant5_2412




11N40_Ant5_2422




11AX20_Ant5_2412




11AX40_Ant5_2422

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

**END OF REPORT**