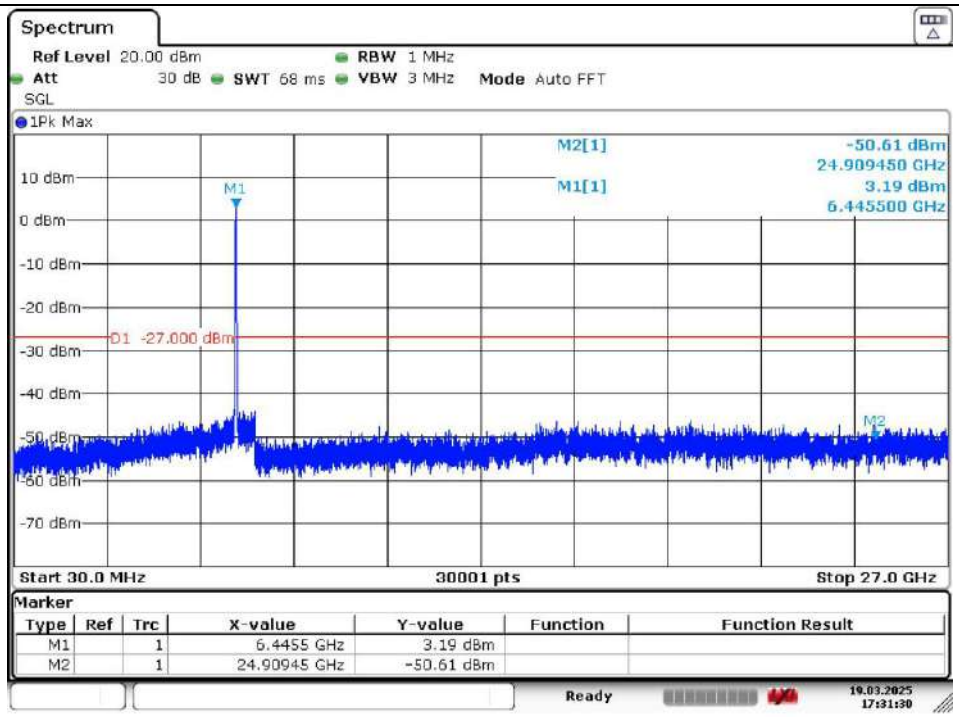
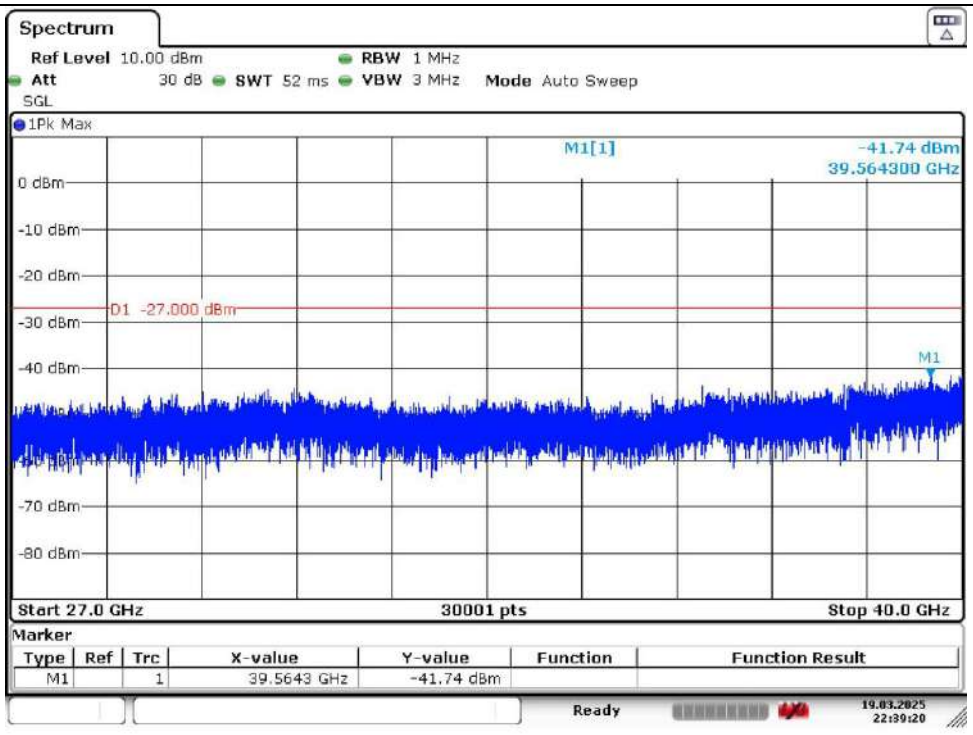
802.11ax40
Channel 99: 6445MHz





Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India

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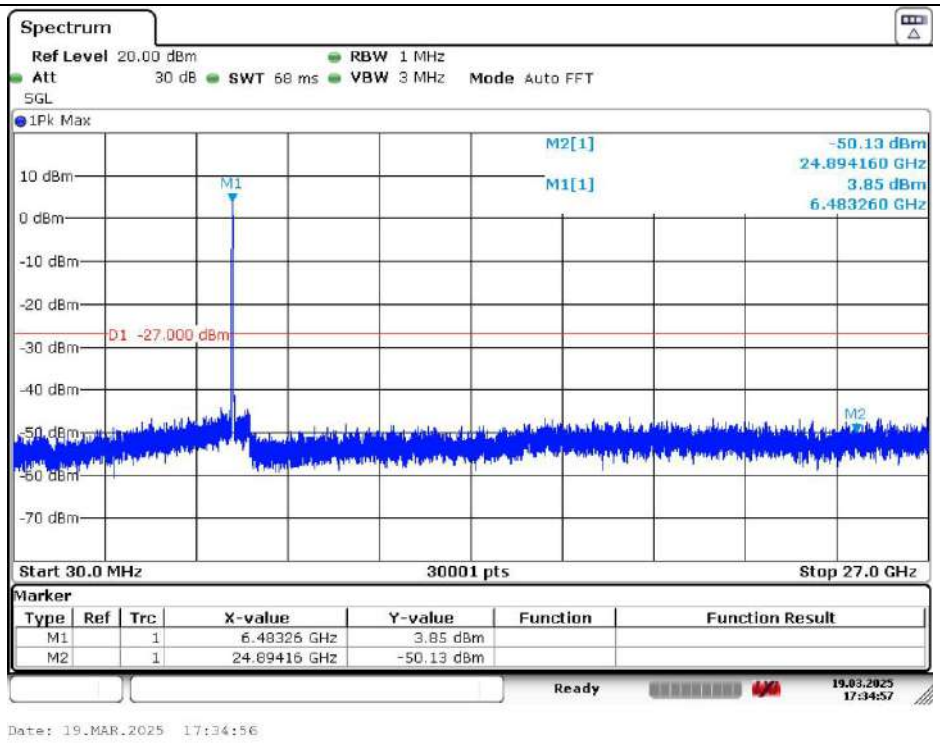
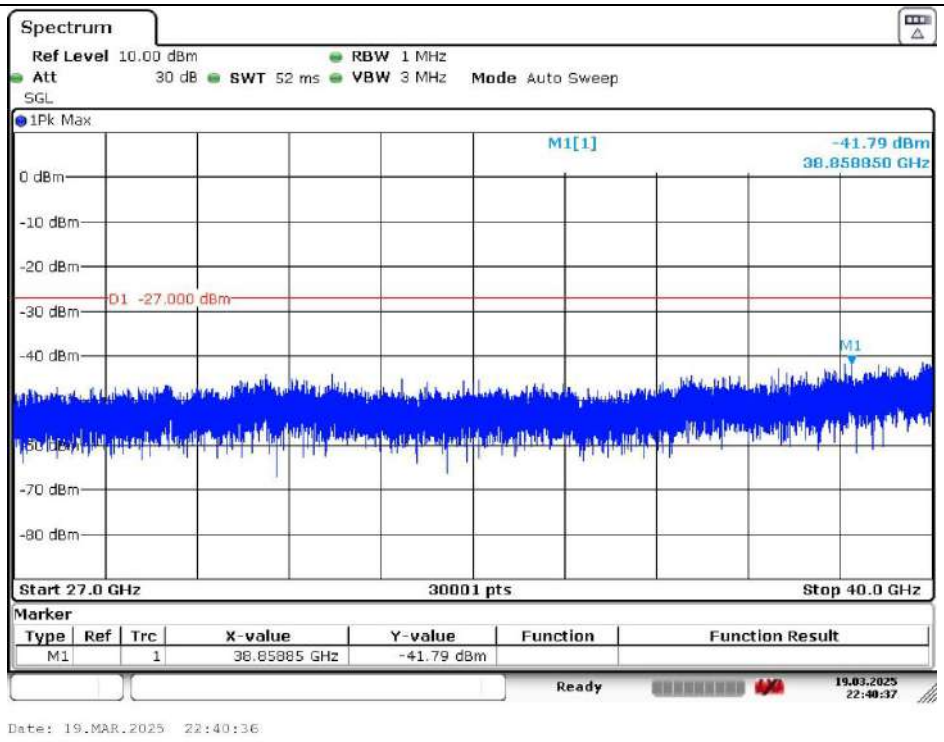
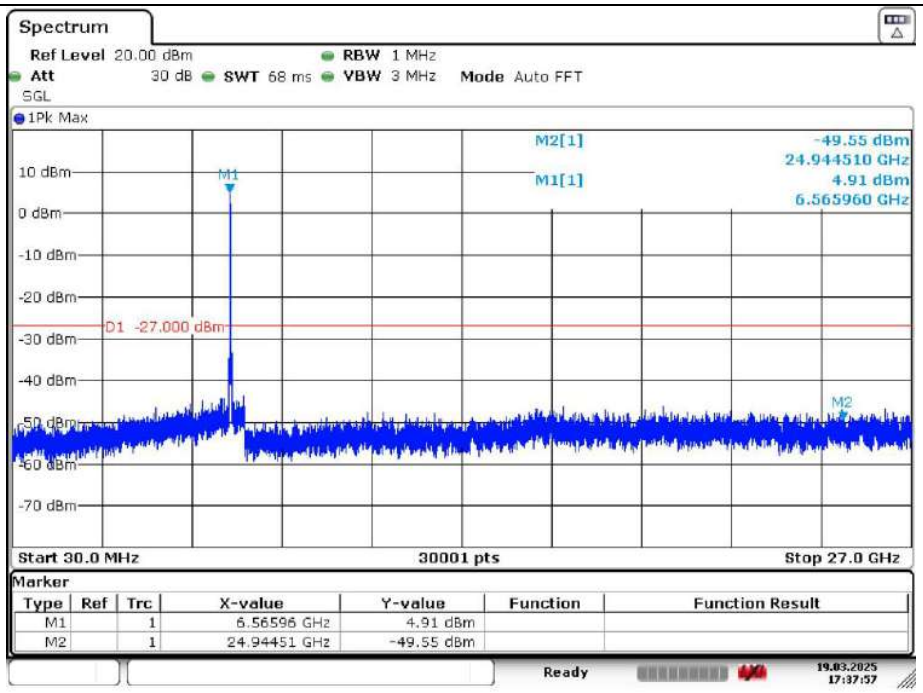
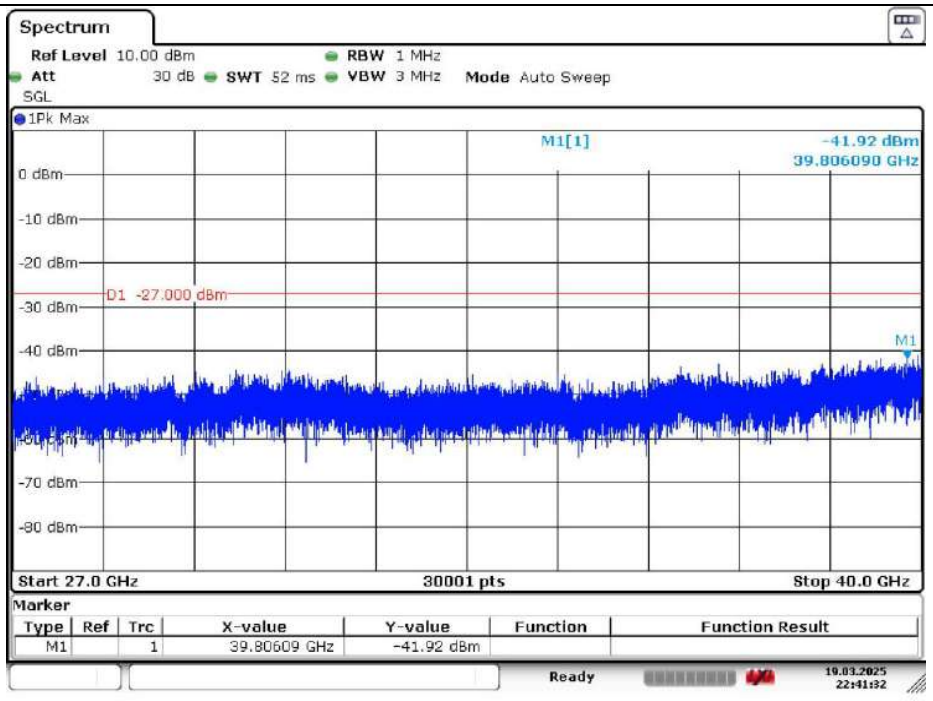
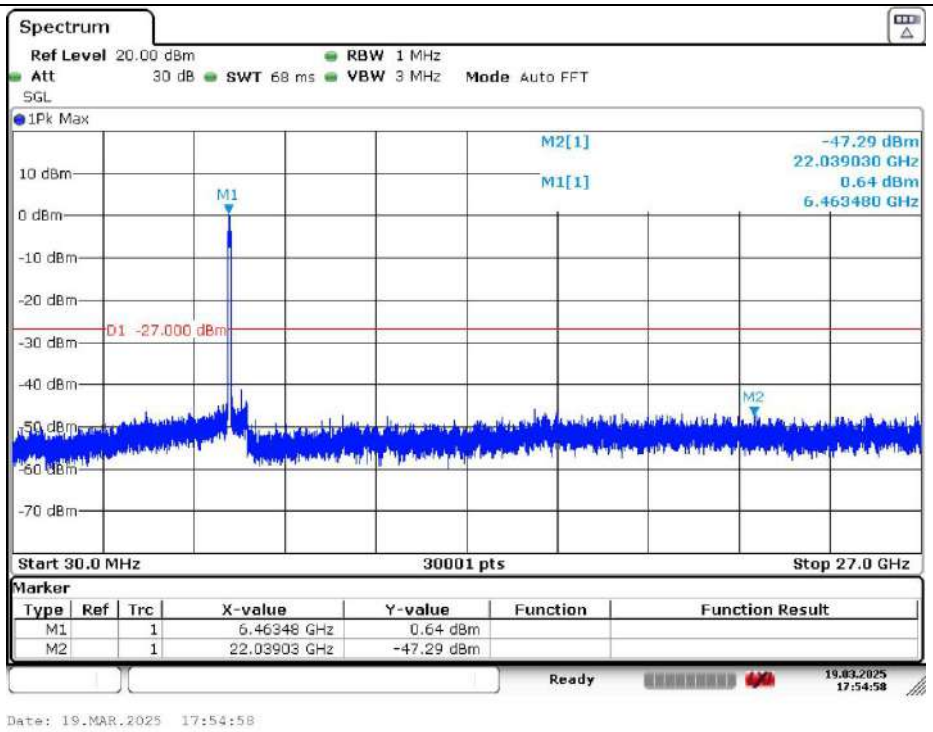
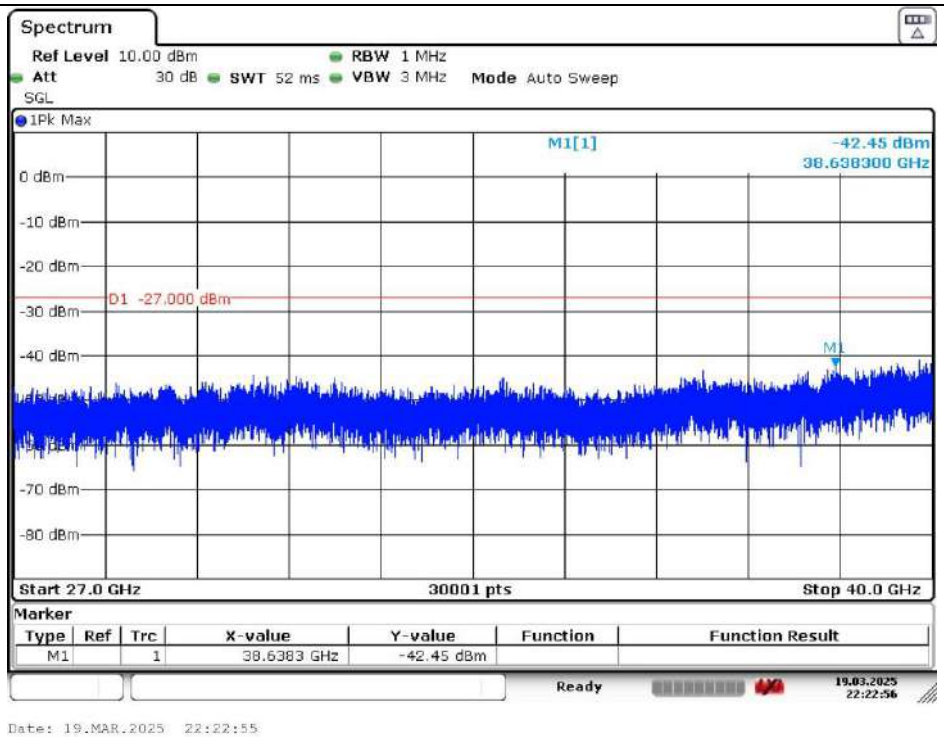
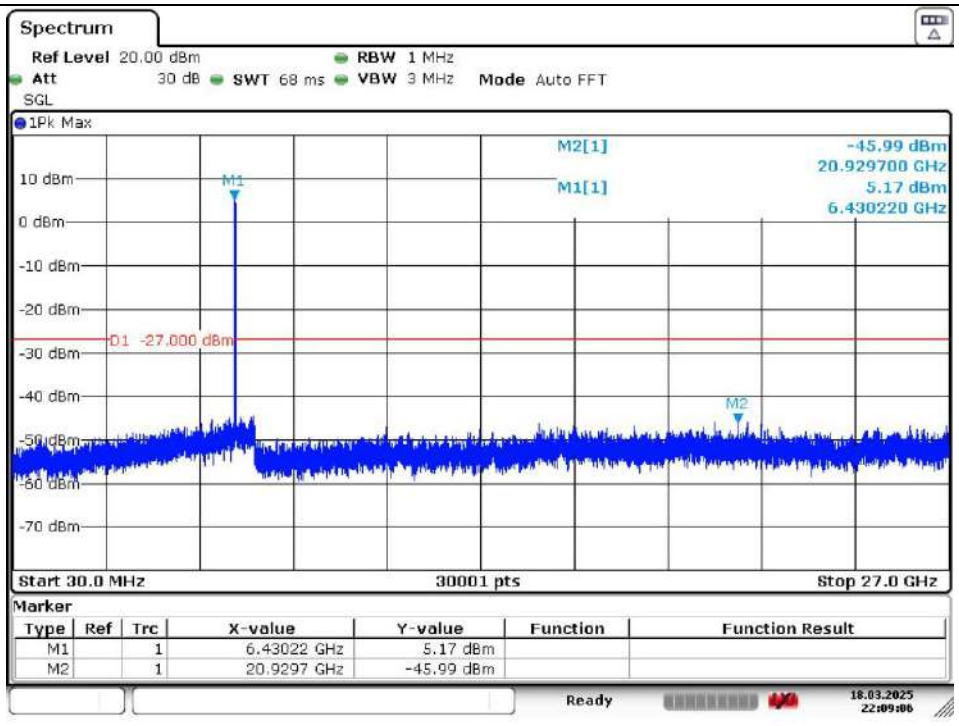
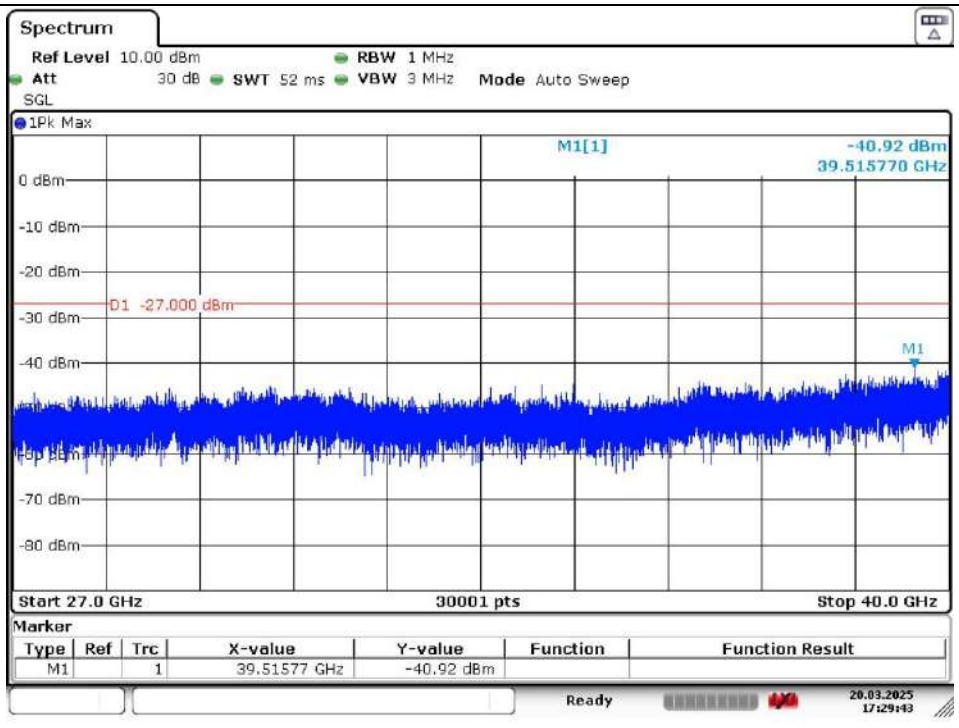
802.11ax40
Channel 107: 6485MHz

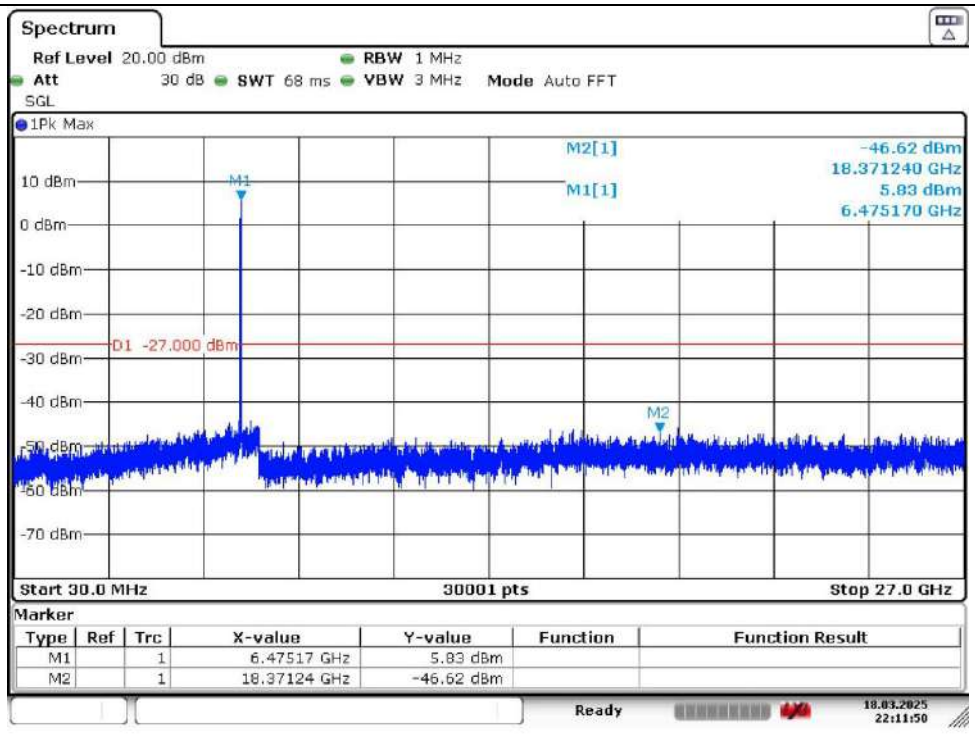
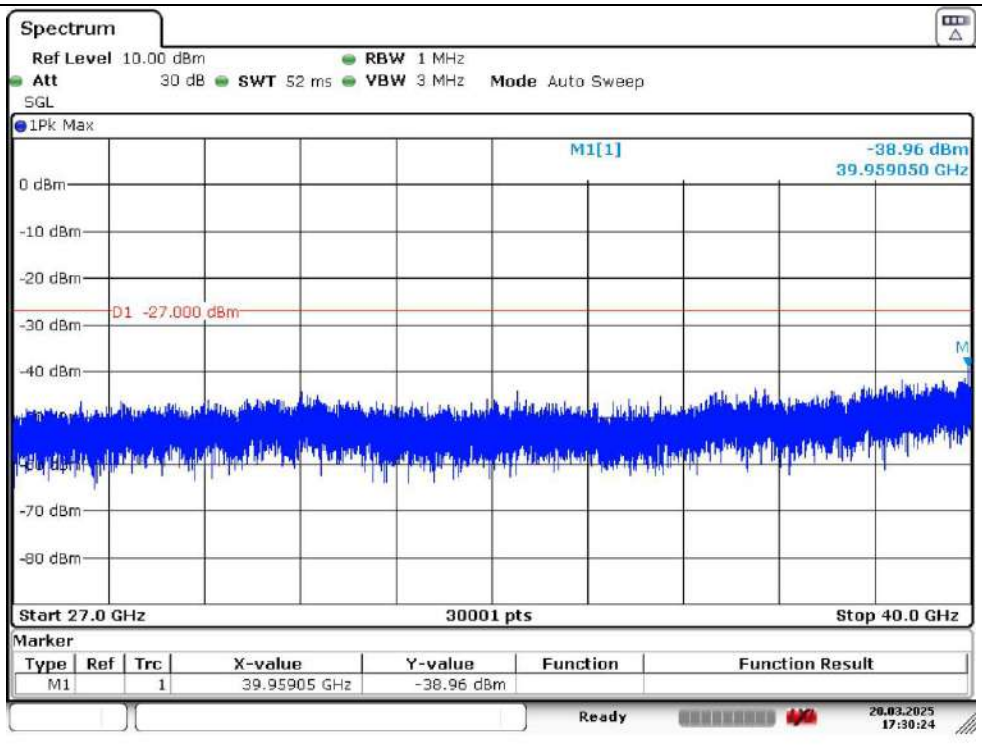


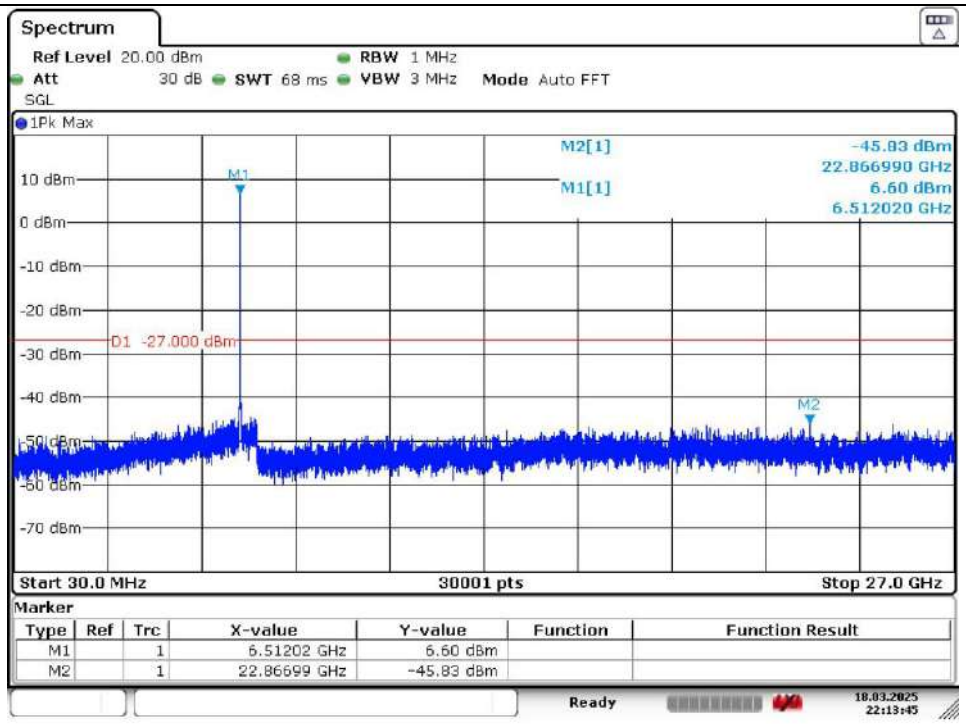
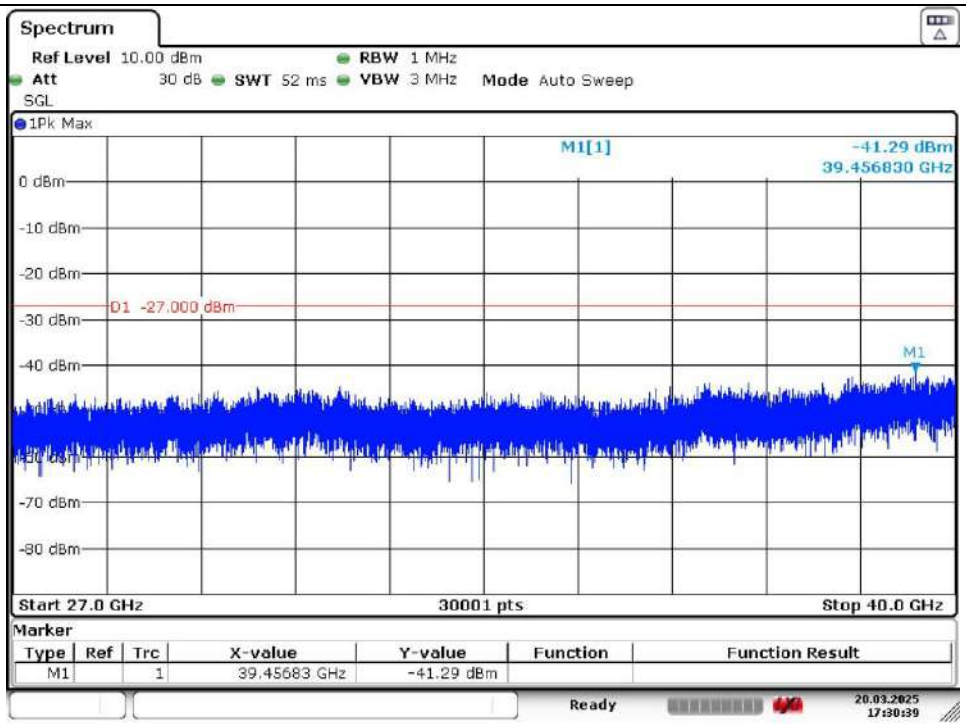


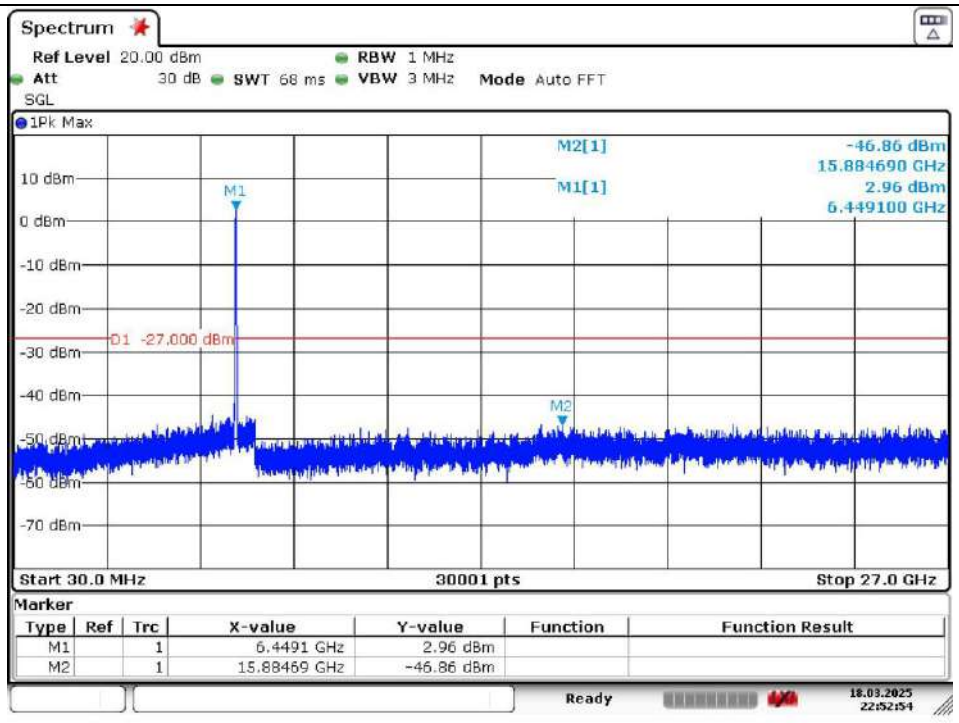
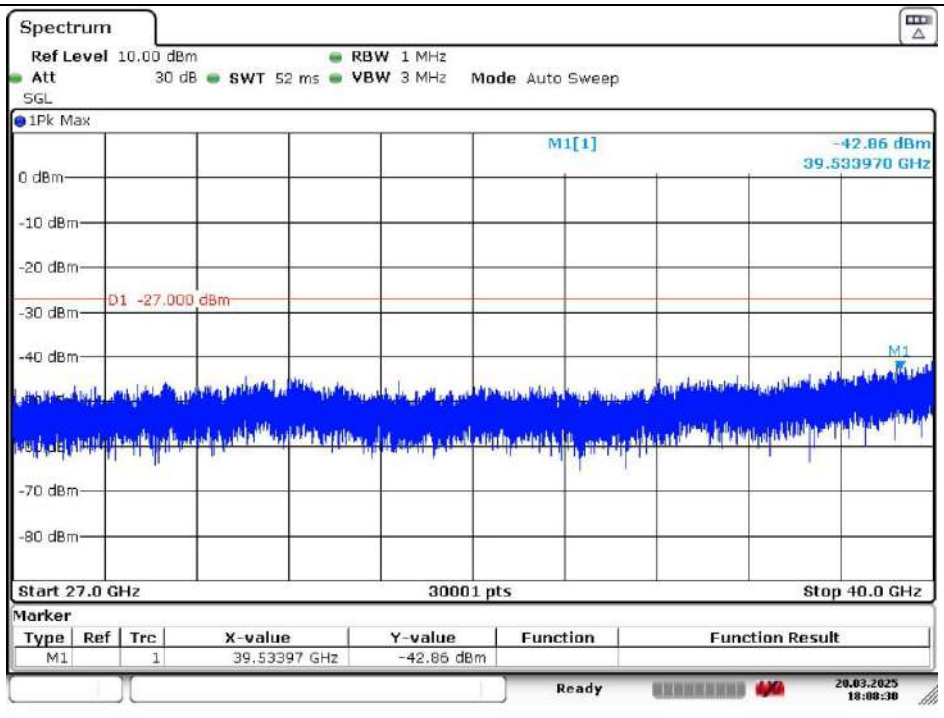
802.11ax40
Channel 123: 6565MHz



802.11ax80
Channel 103: 6465MHz



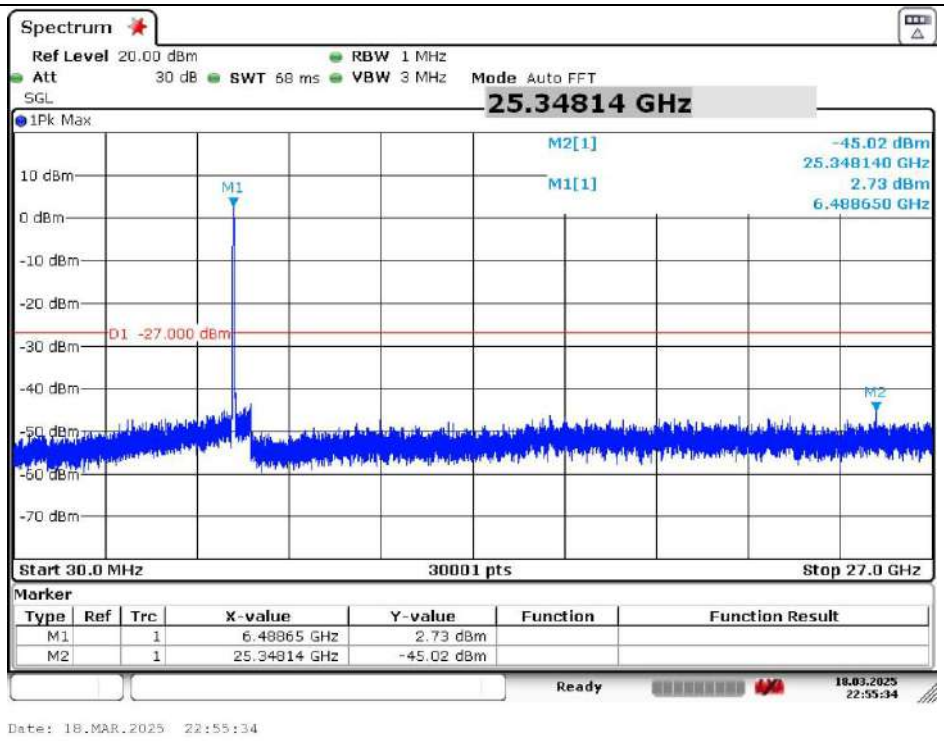
802.11be20
Channel 97: 6435MHz



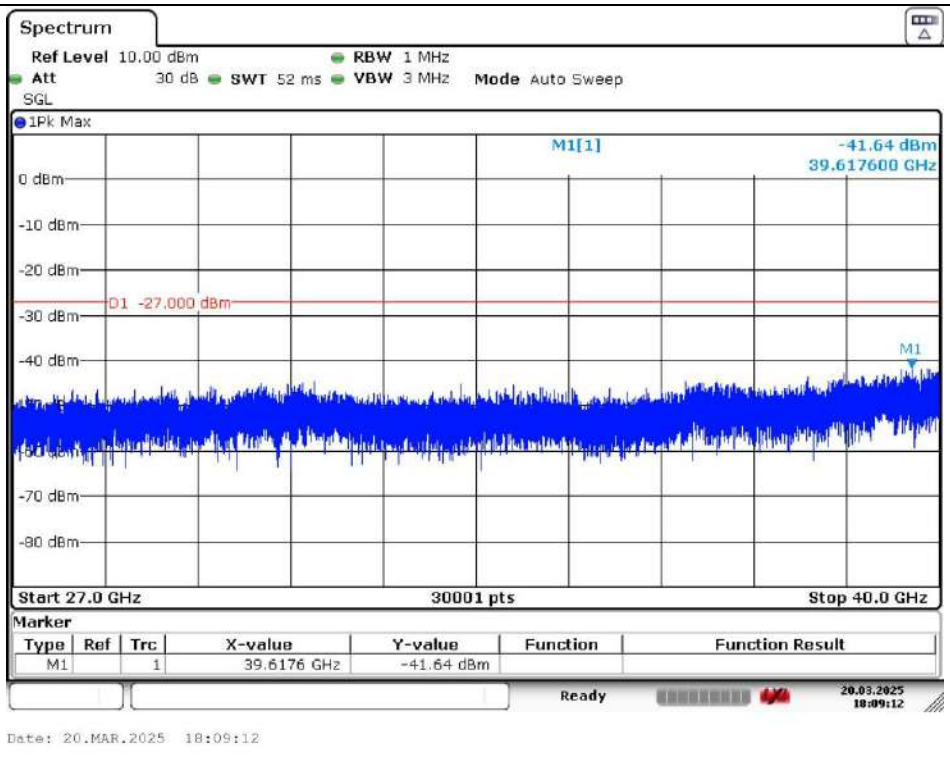
802.11be20
Channel 105: 6475MHz



802.11be20
Channel 113: 6515MHz



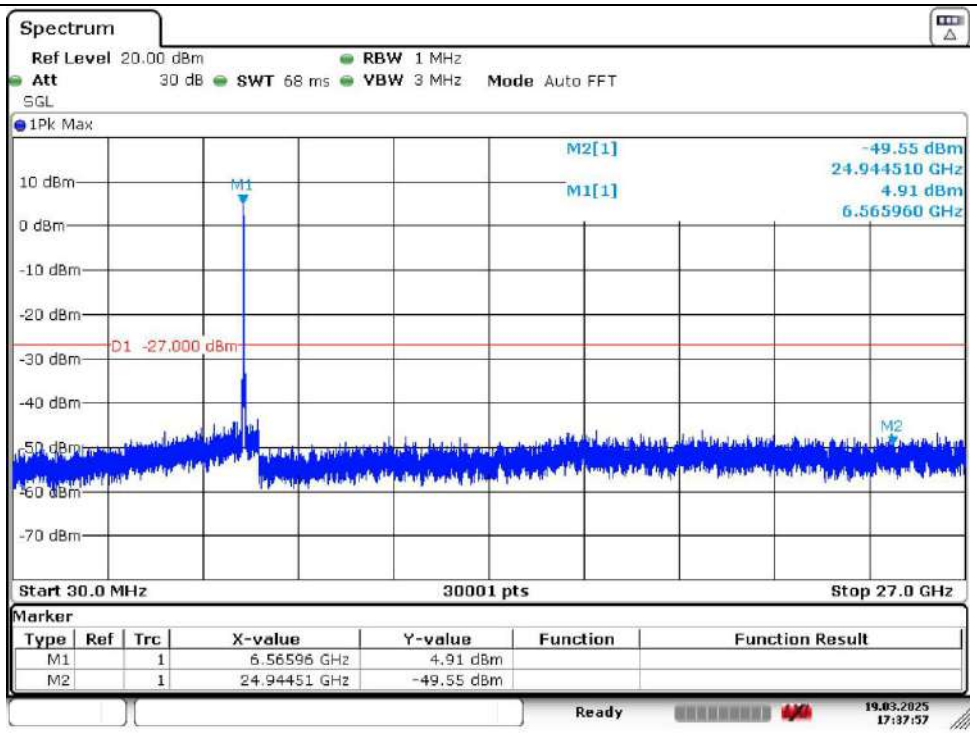
802.11be40
Channel 99: 6445MHz



802.11be40
Channel 107: 6485MHz





802.11be40
Channel 123: 6565MHz



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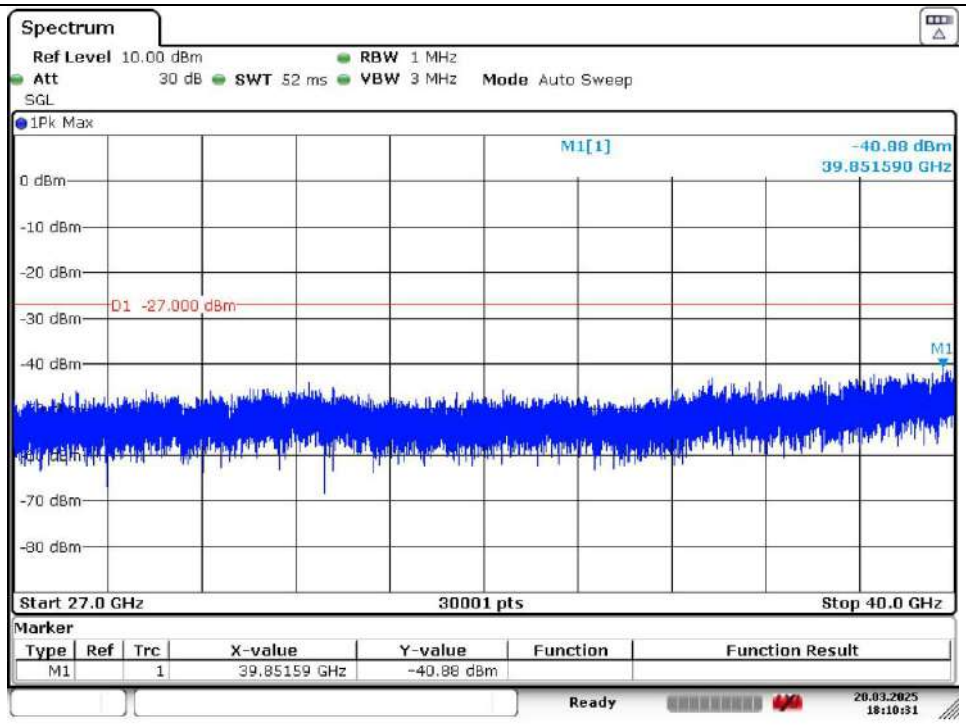

Date: 20.MAR.2025 18:10:30

Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India

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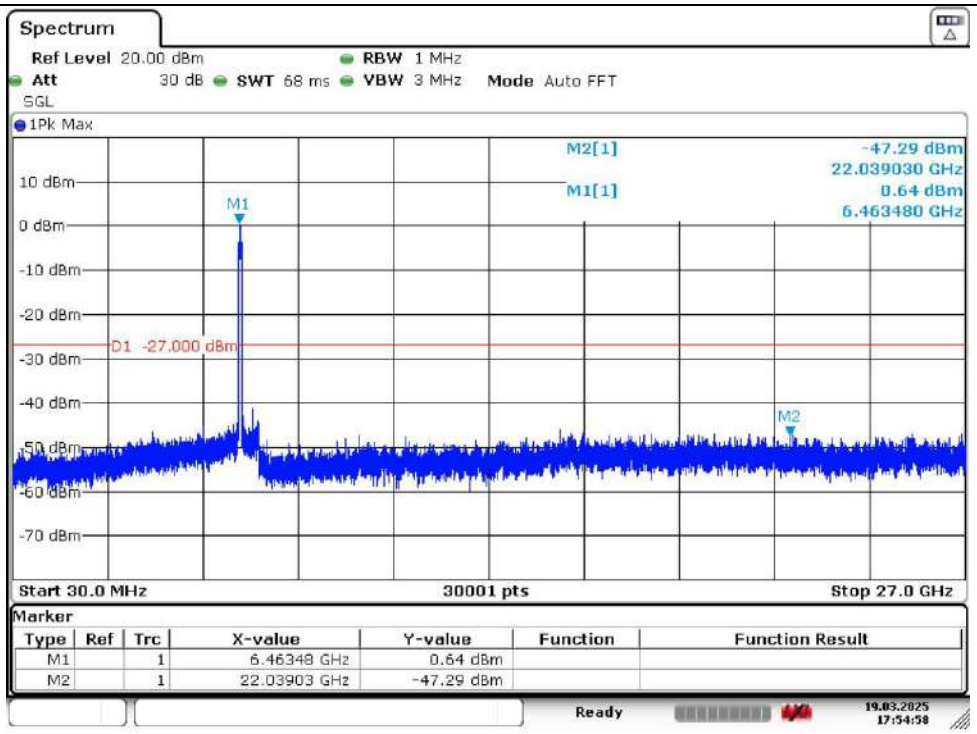
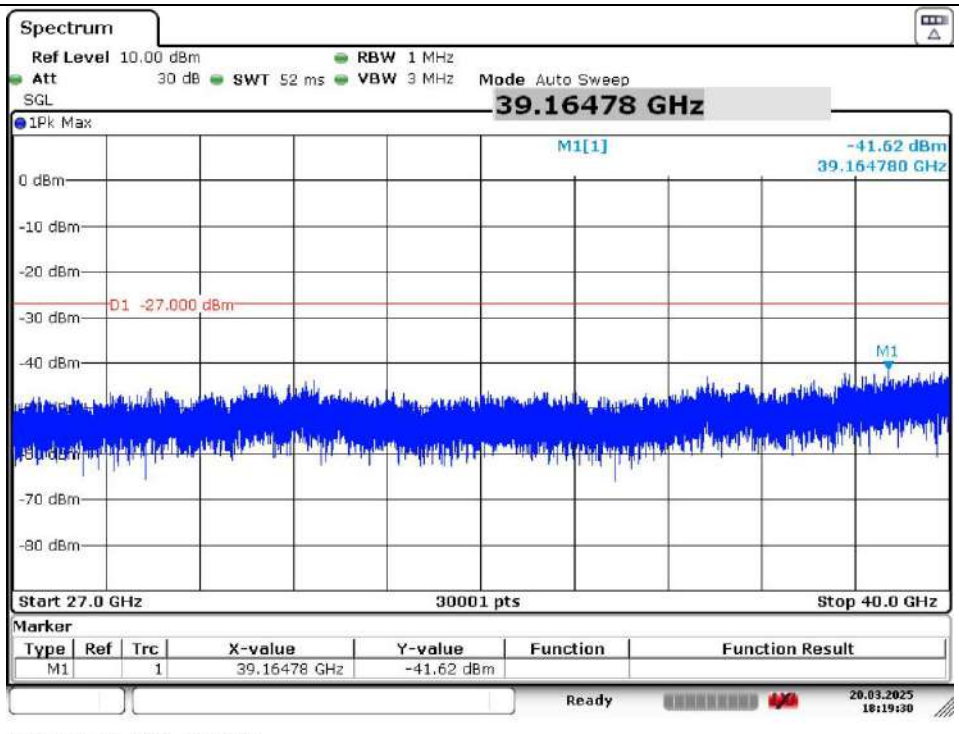
802.11be80
Channel 103: 6465MHz





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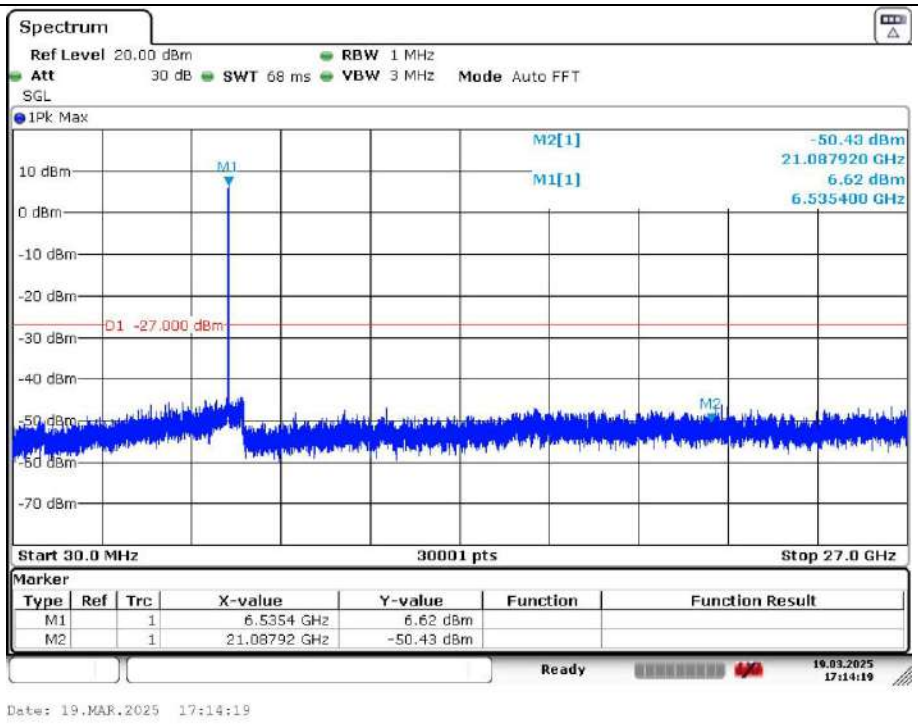
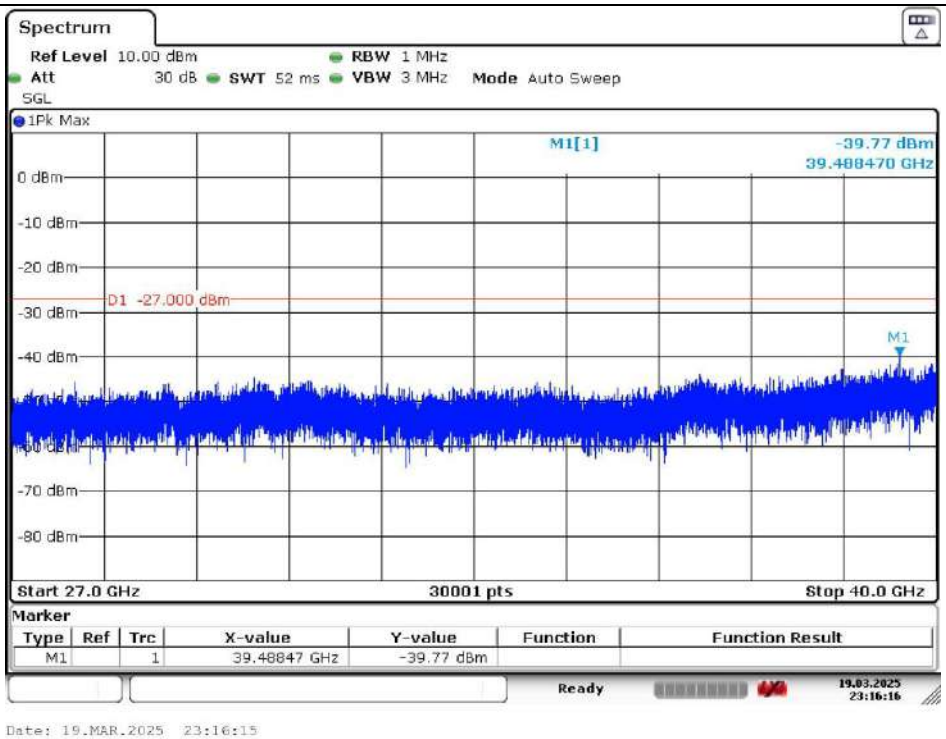
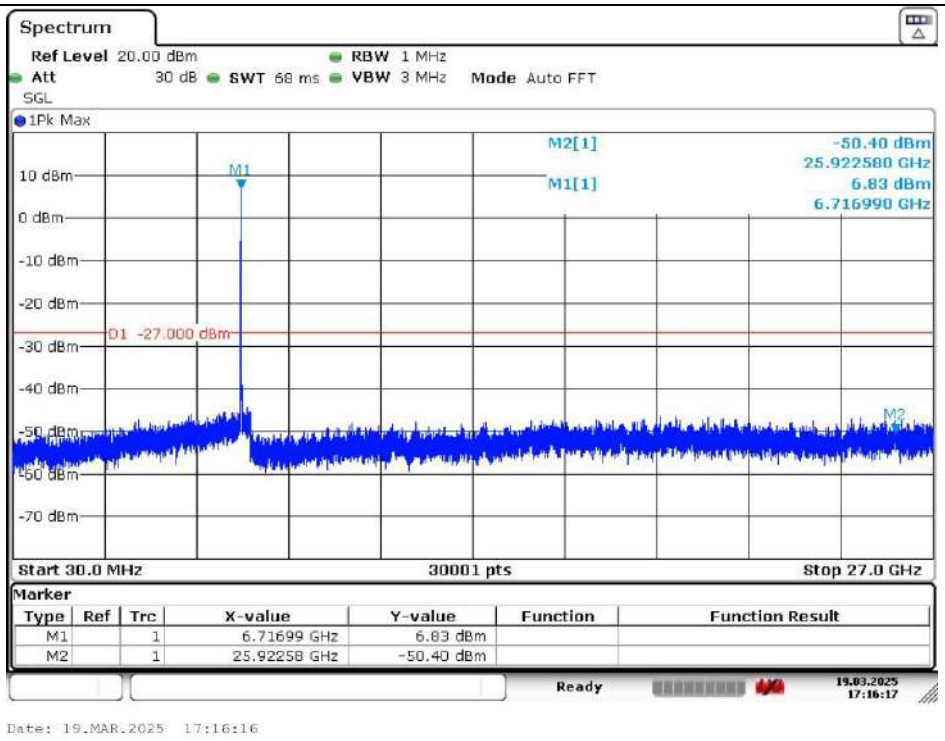
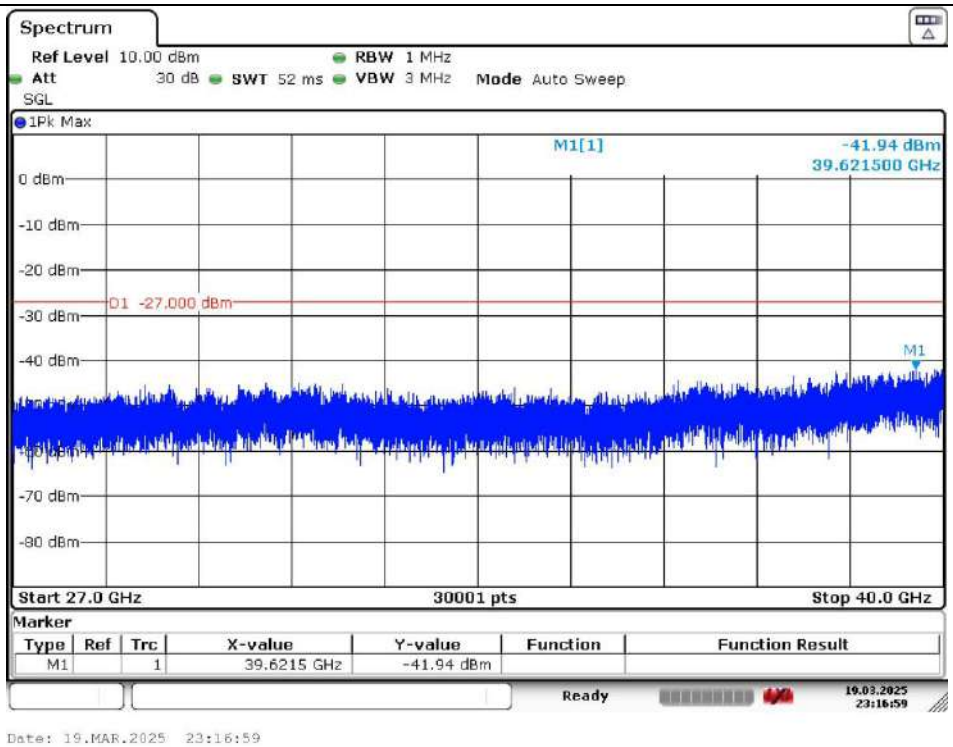
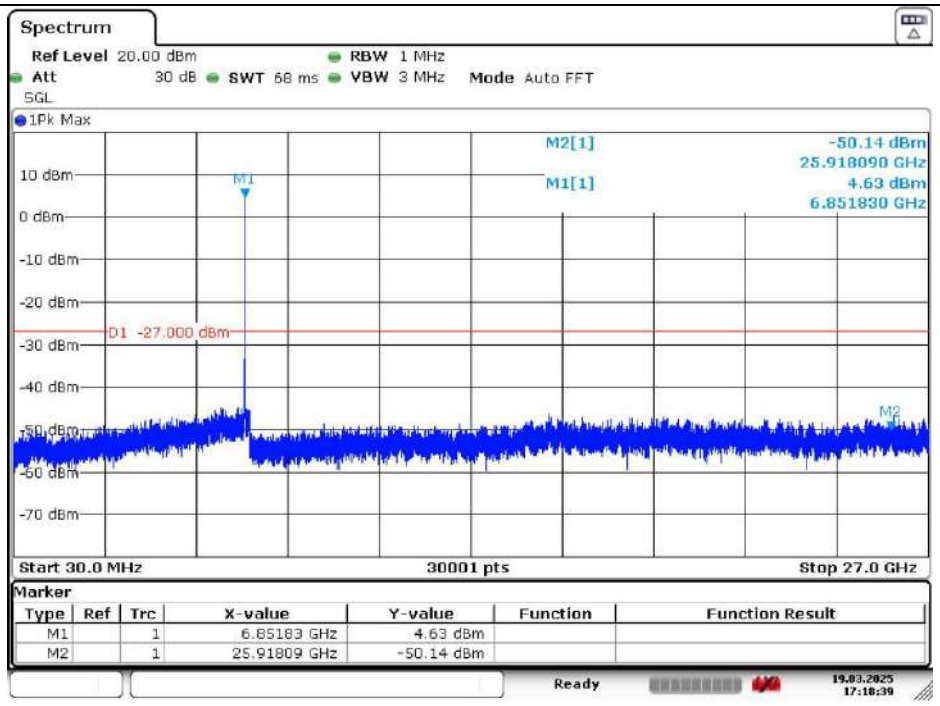
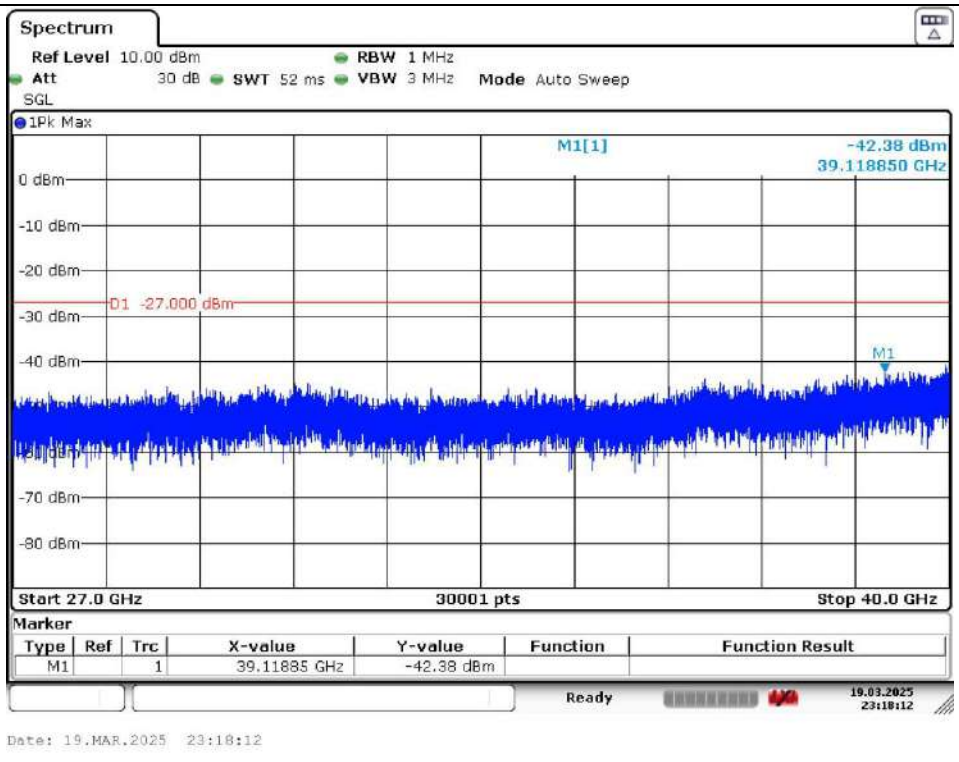
802.11ax20
Channel 117: 6535MHz



802.11ax20
Channel 153: 6715MHz



802.11ax20
Channel 181: 6855MHz





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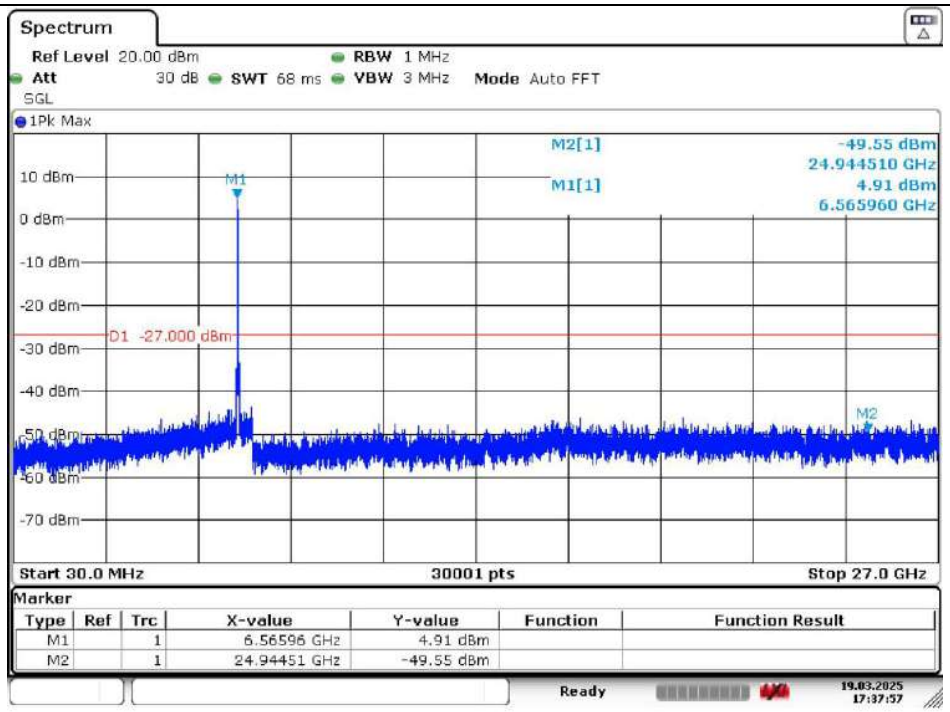
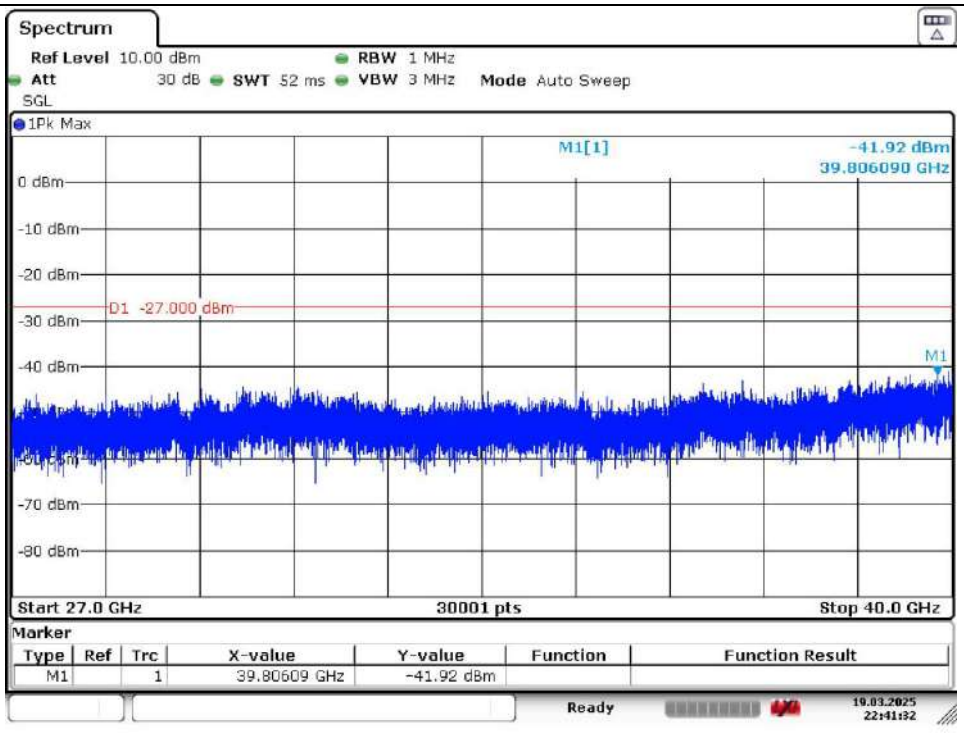
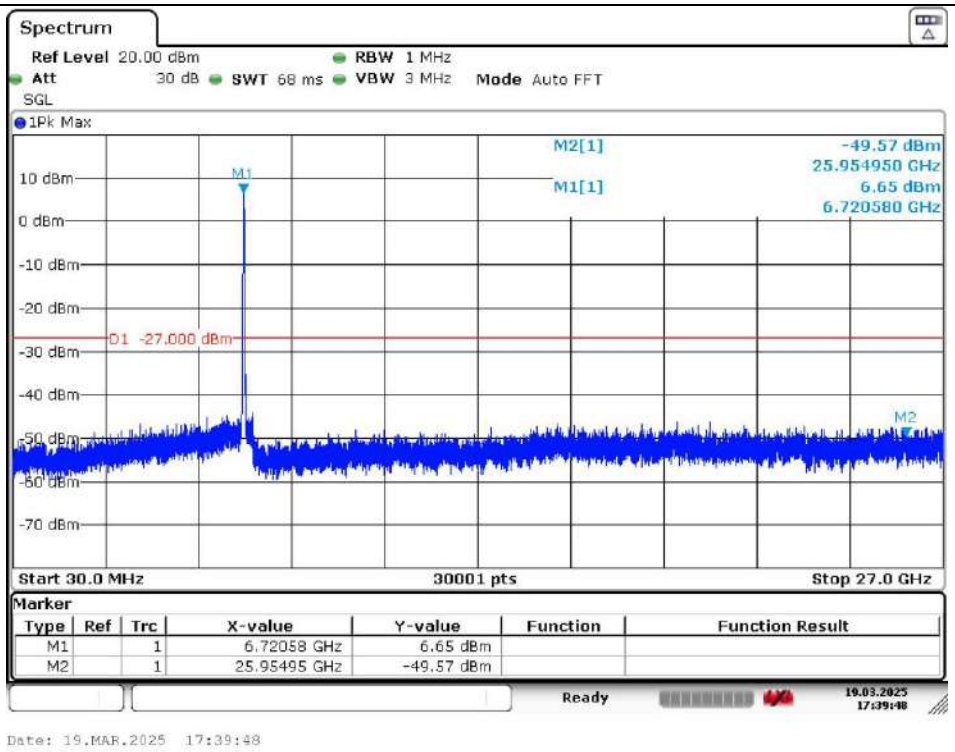
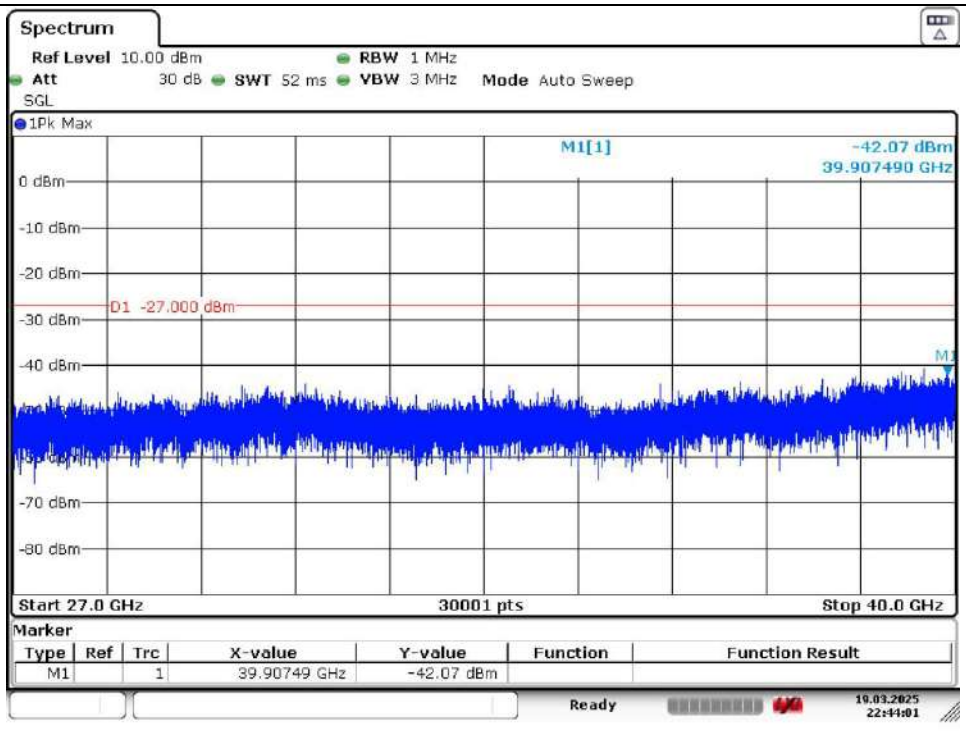
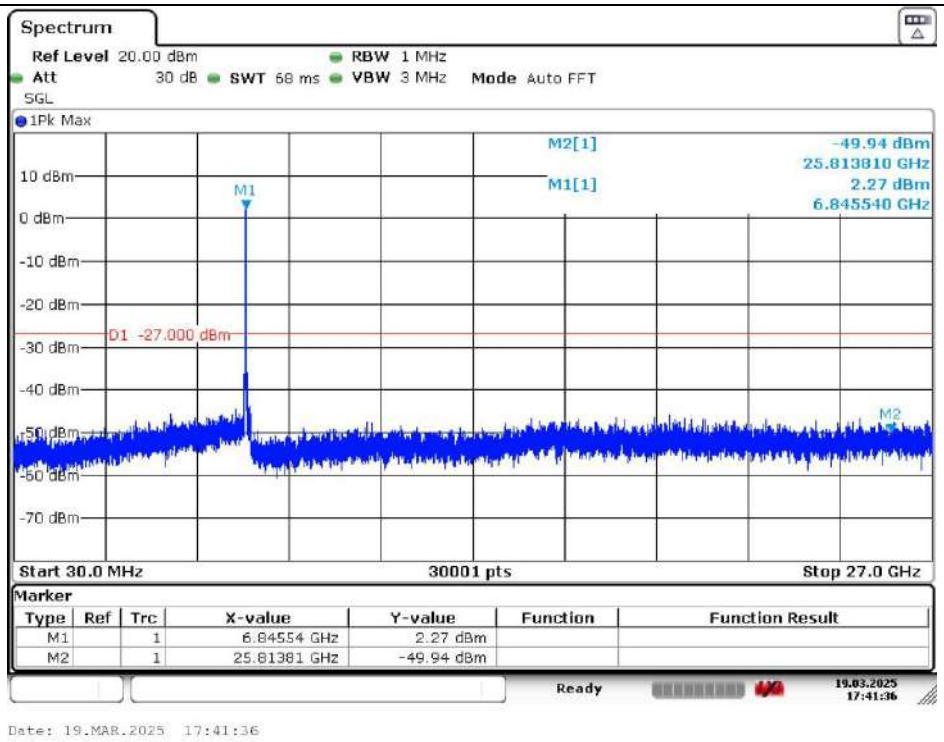
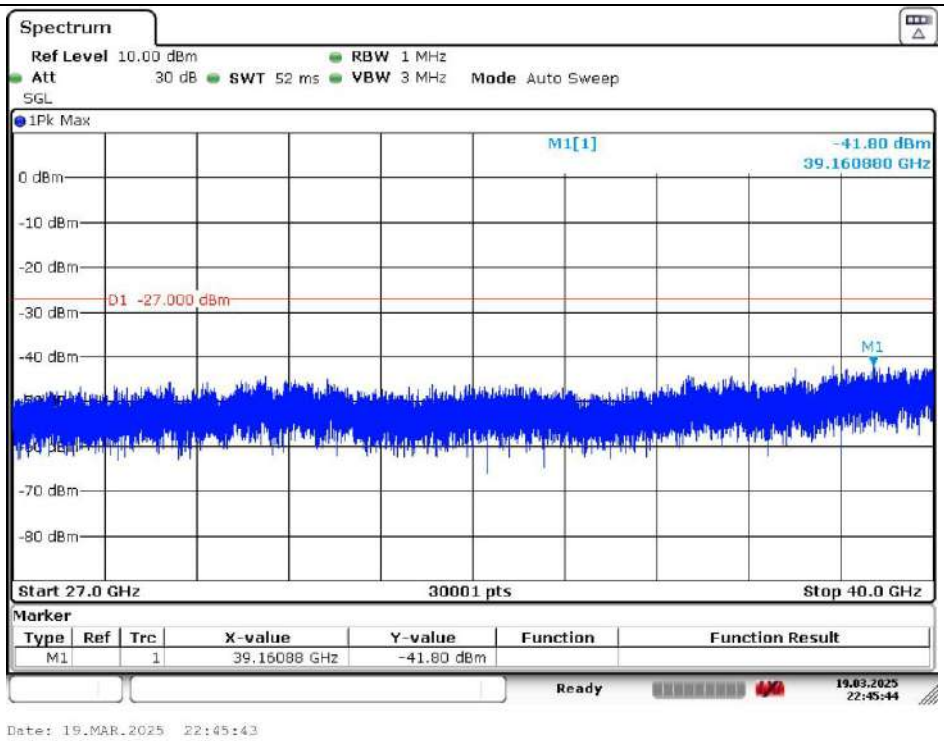
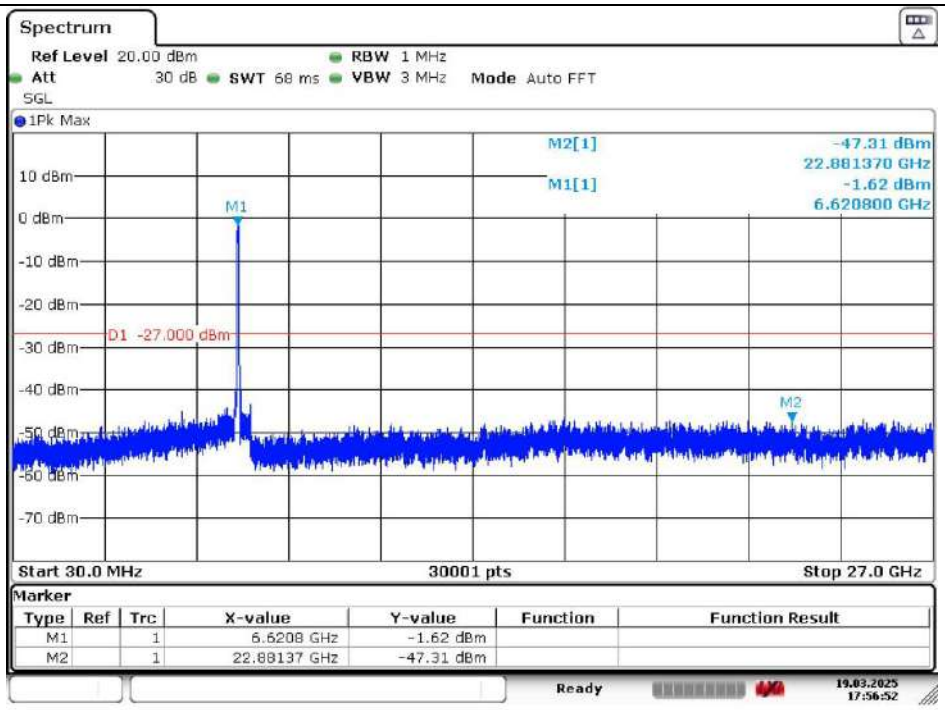
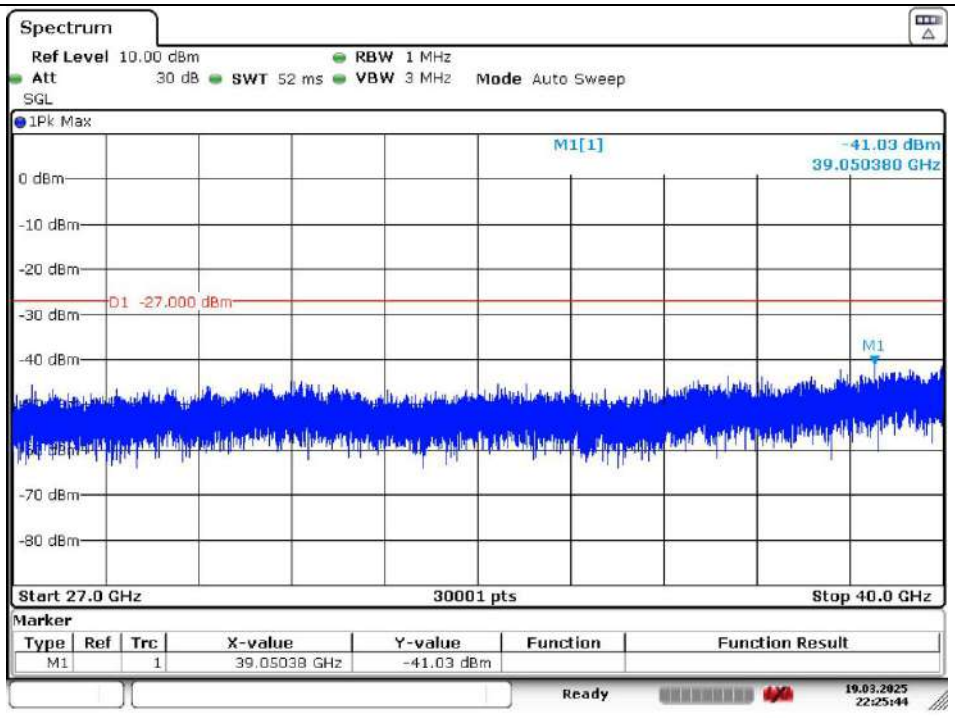
Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

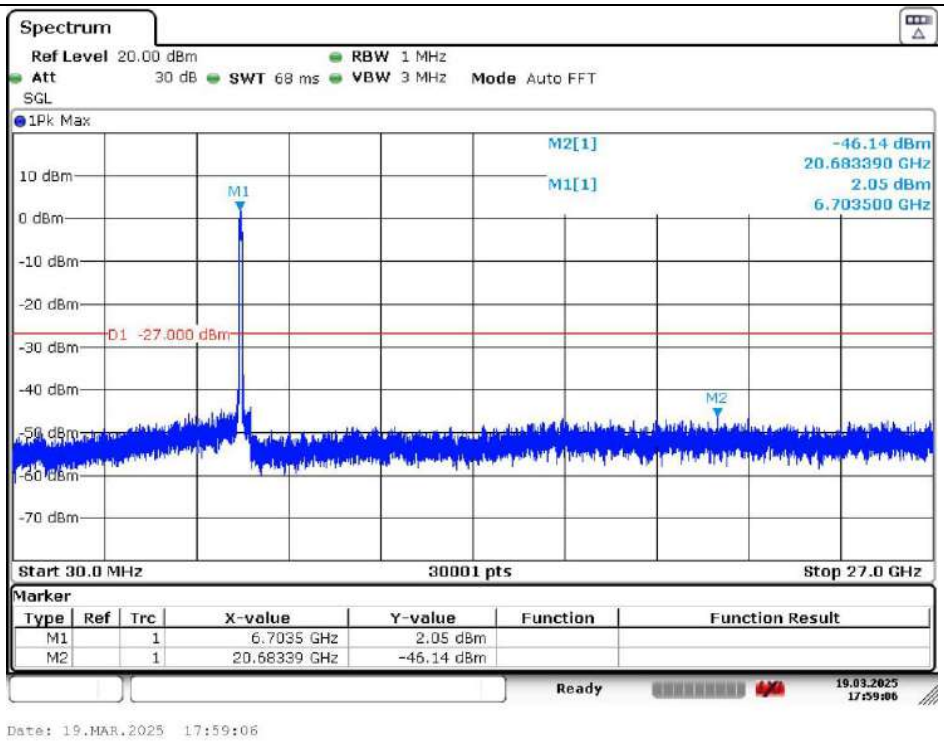
802.11ax40
Channel 123: 6565MHz



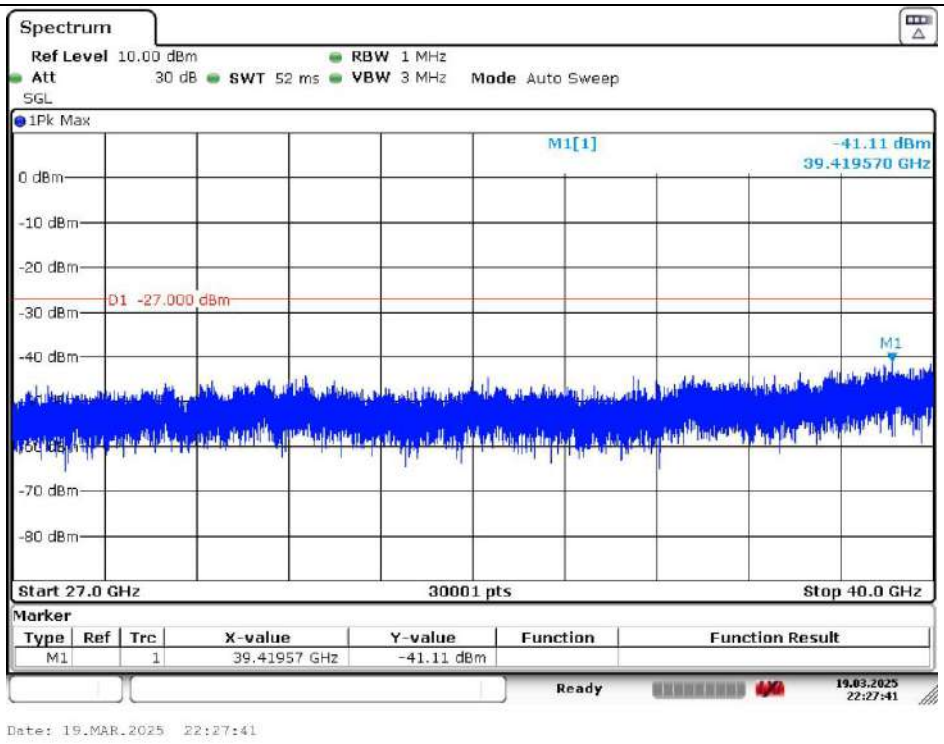
802.11ax40
Channel 155: 6725MHz



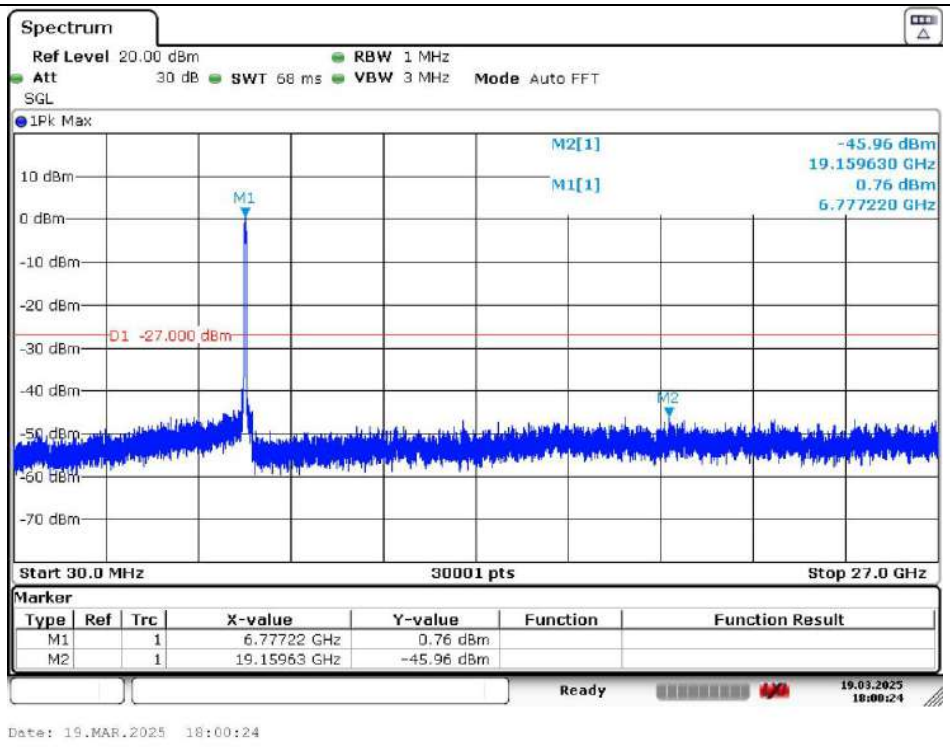
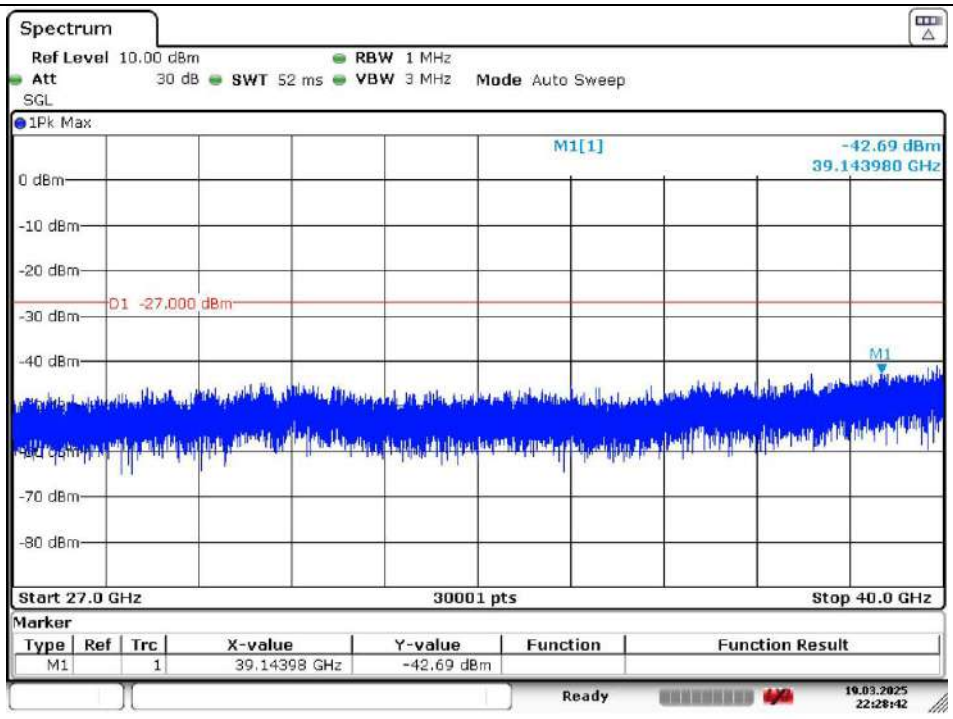
802.11ax40
Channel 179: 6845MHz



802.11ax80
Channel 135: 6625MHz



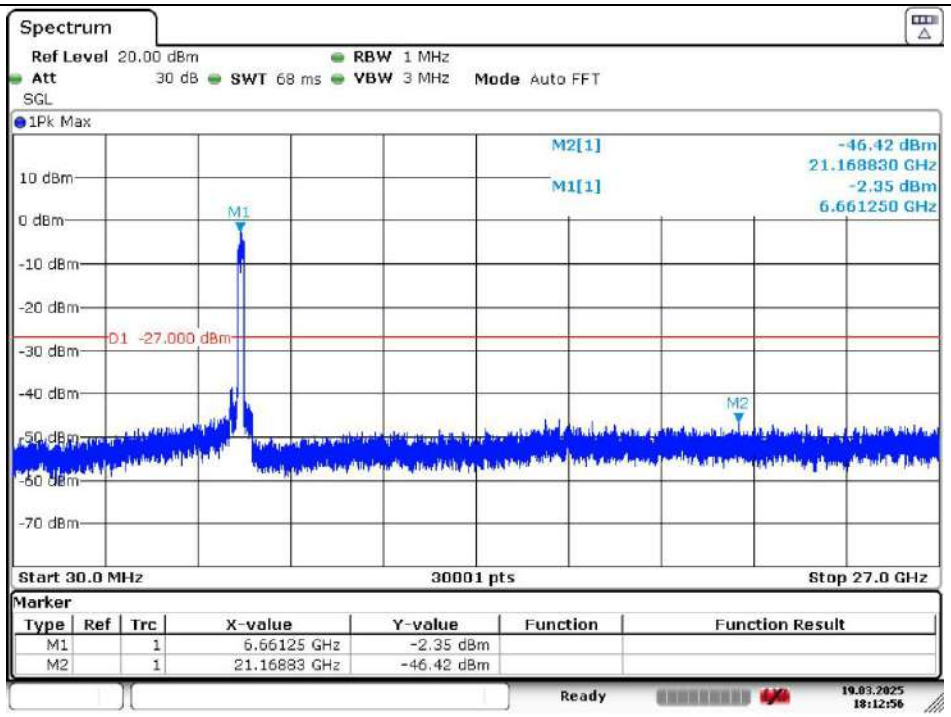
802.11ax80
Channel 151: 6705MHz



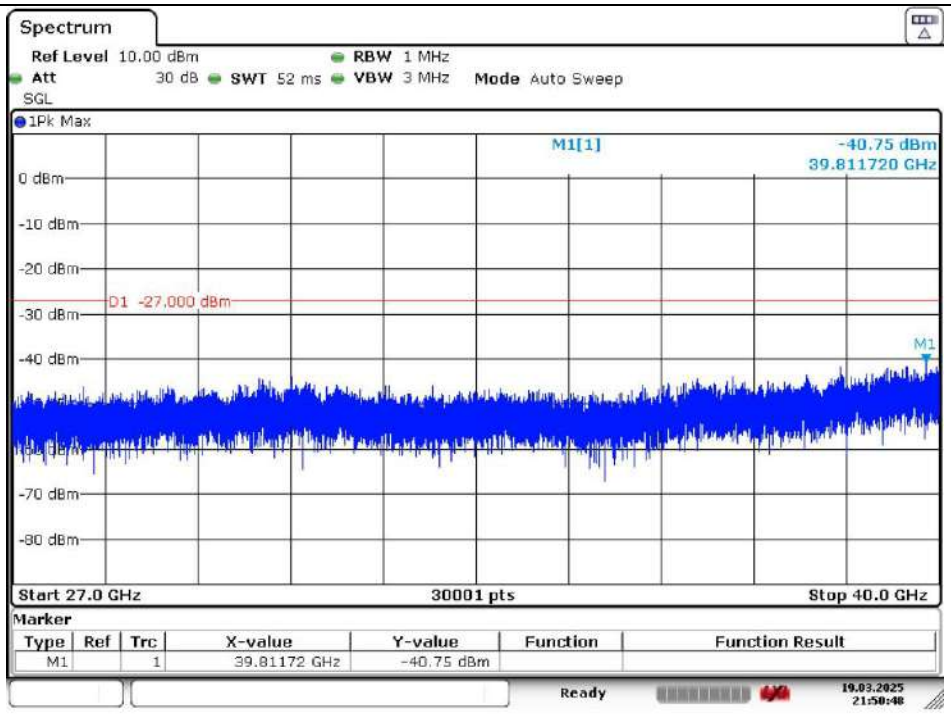


802.11ax80
Channel 167: 6785MHz



802.11ax160
Channel 143: 6665MHz



Date: 19.MAR.2025 18:12:55



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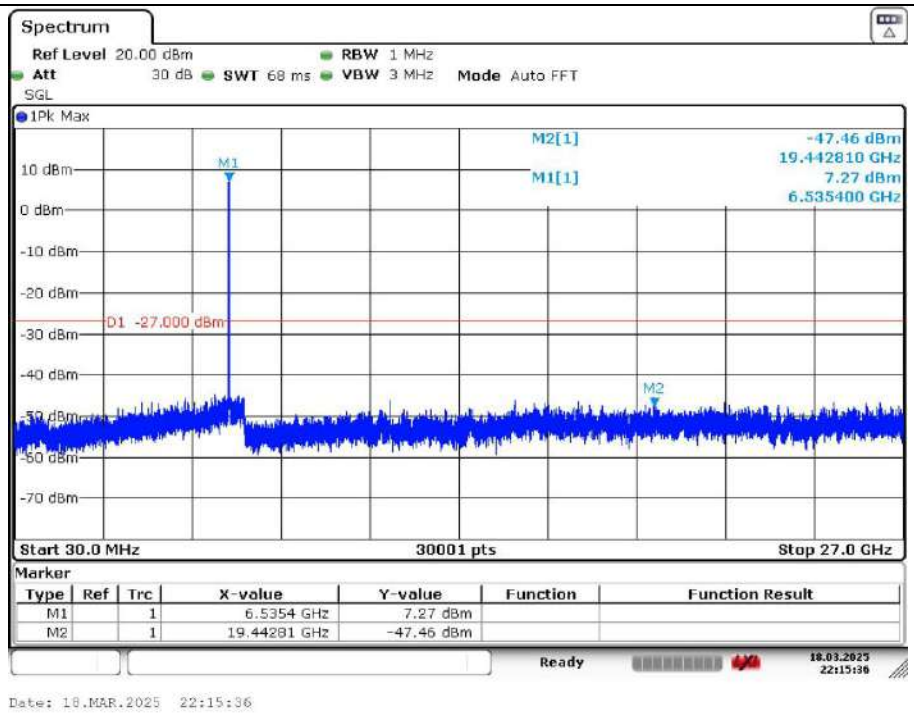
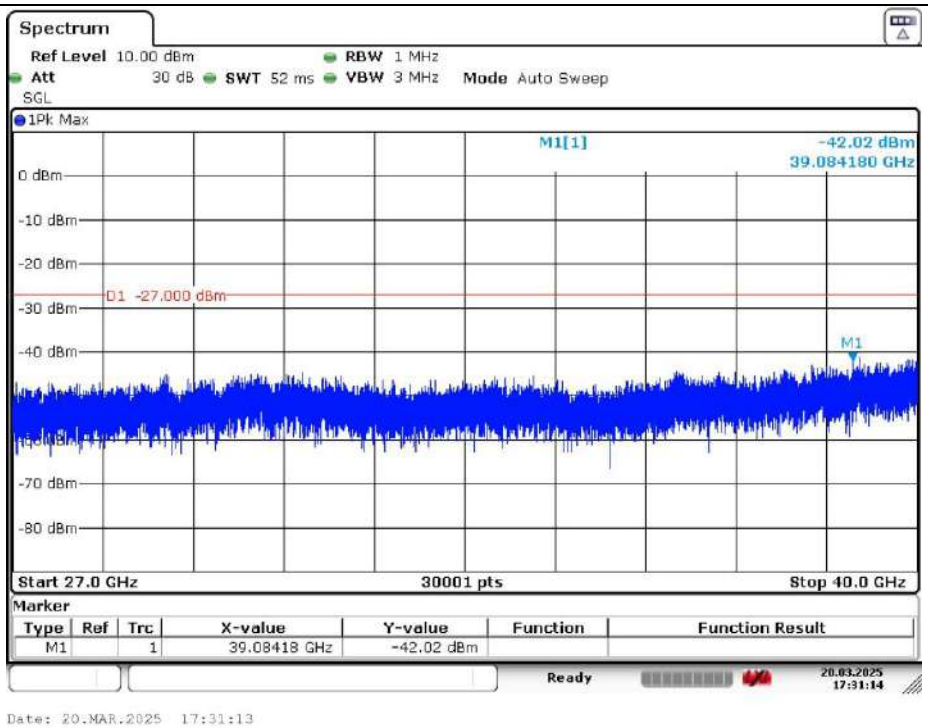
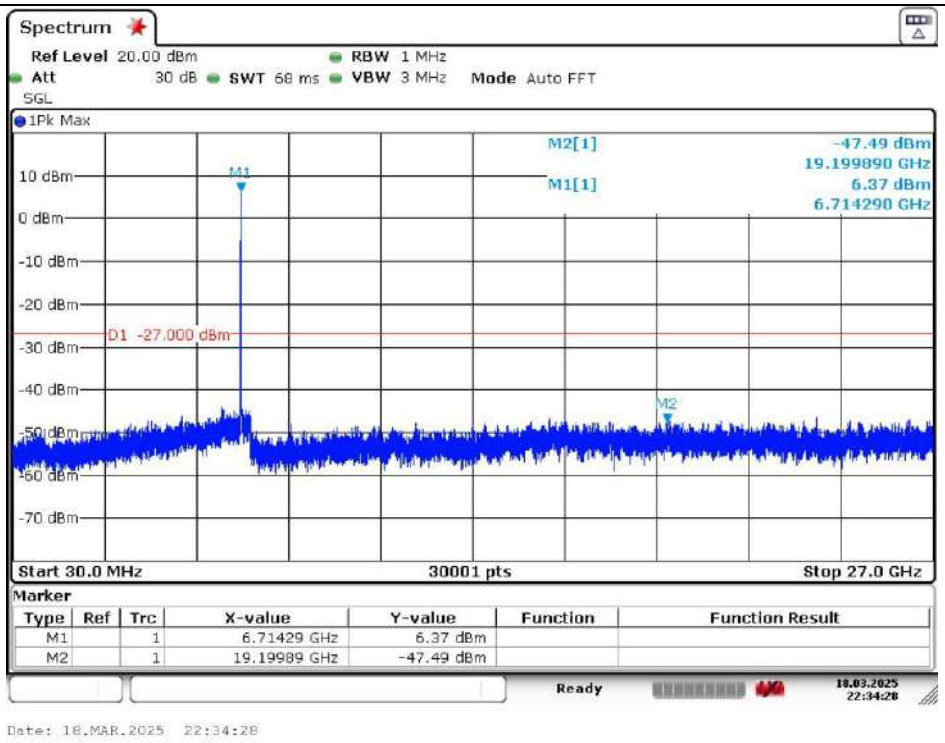
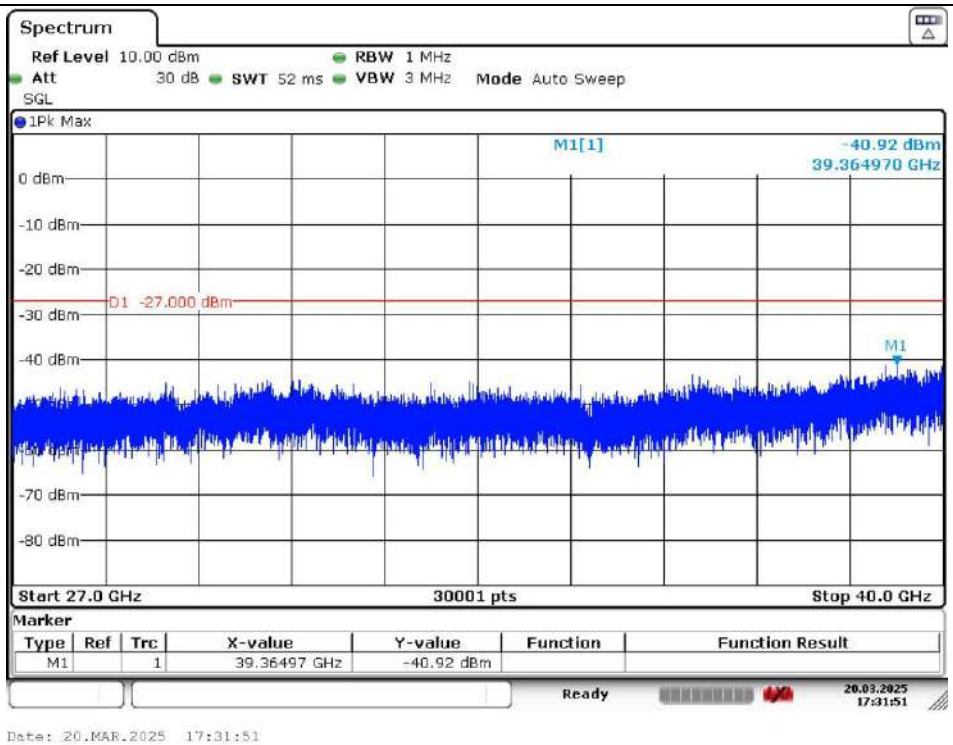
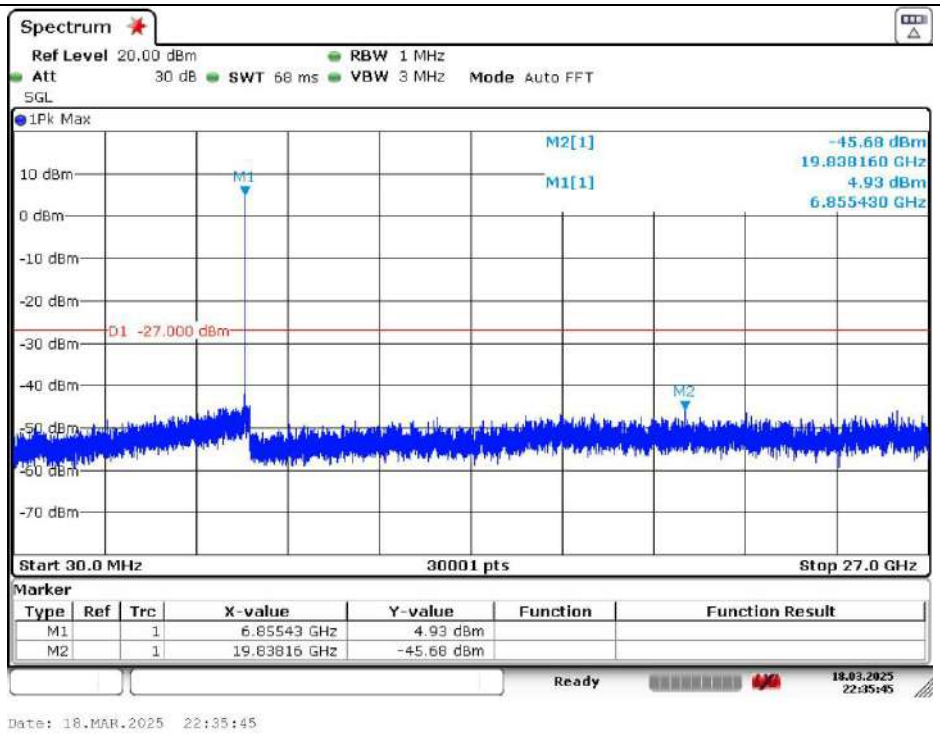
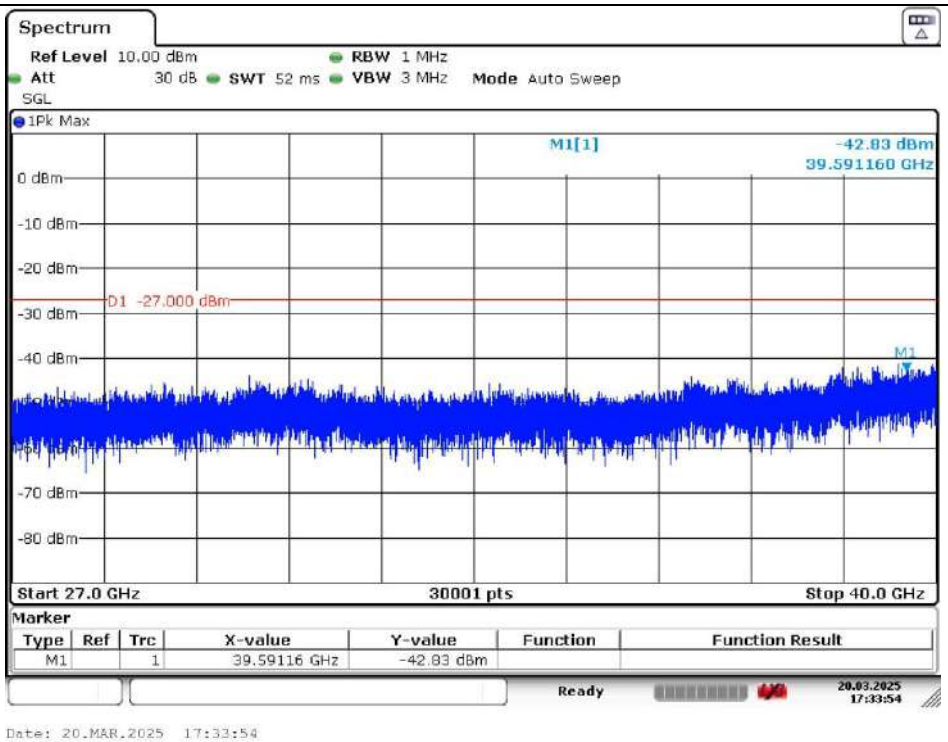
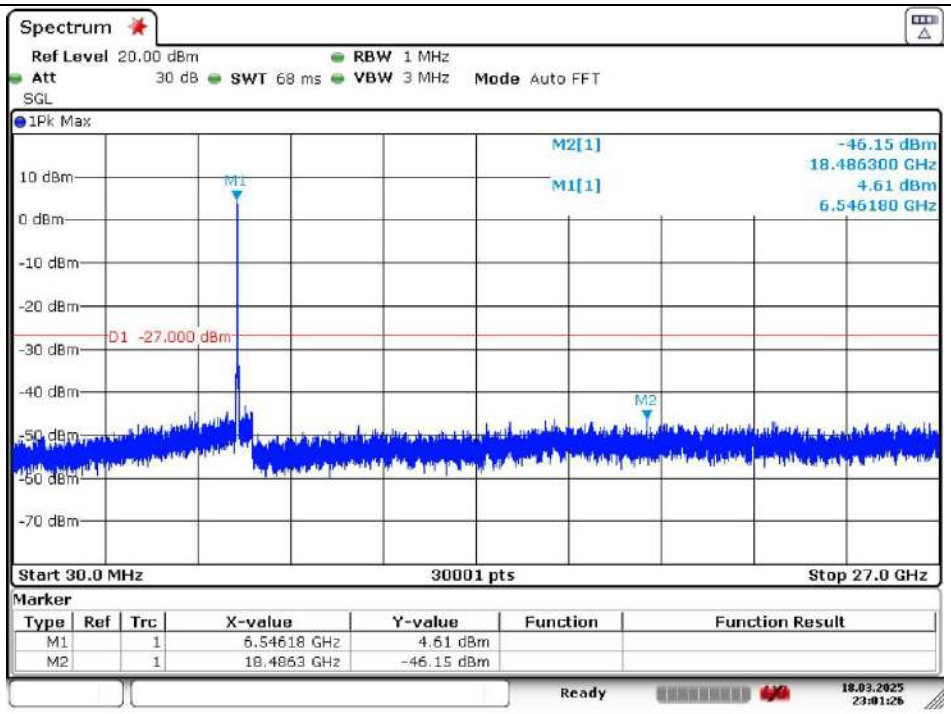
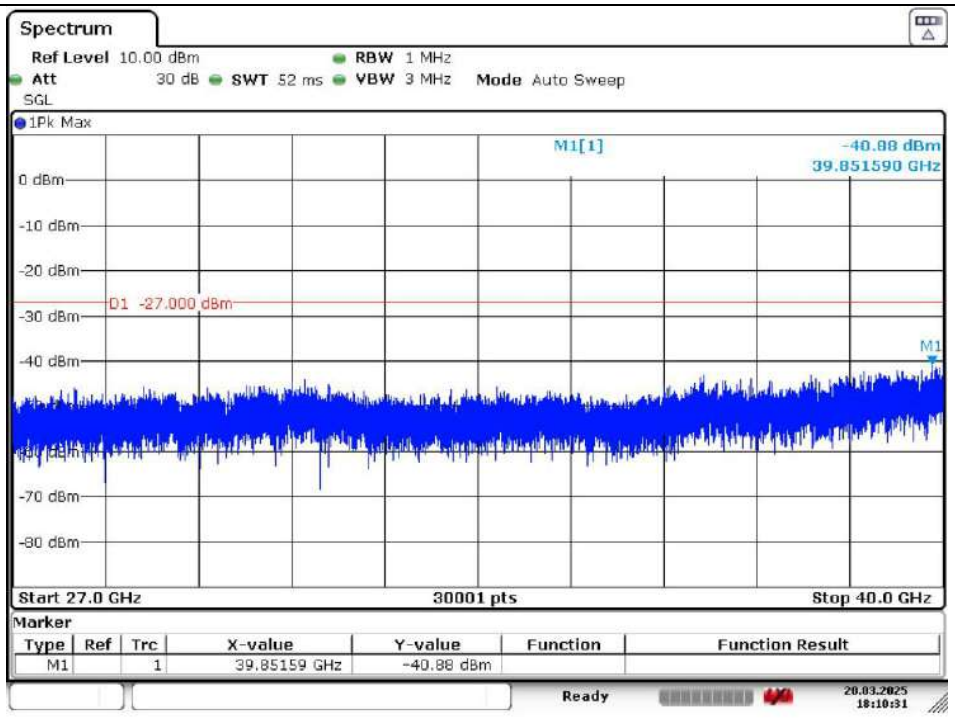
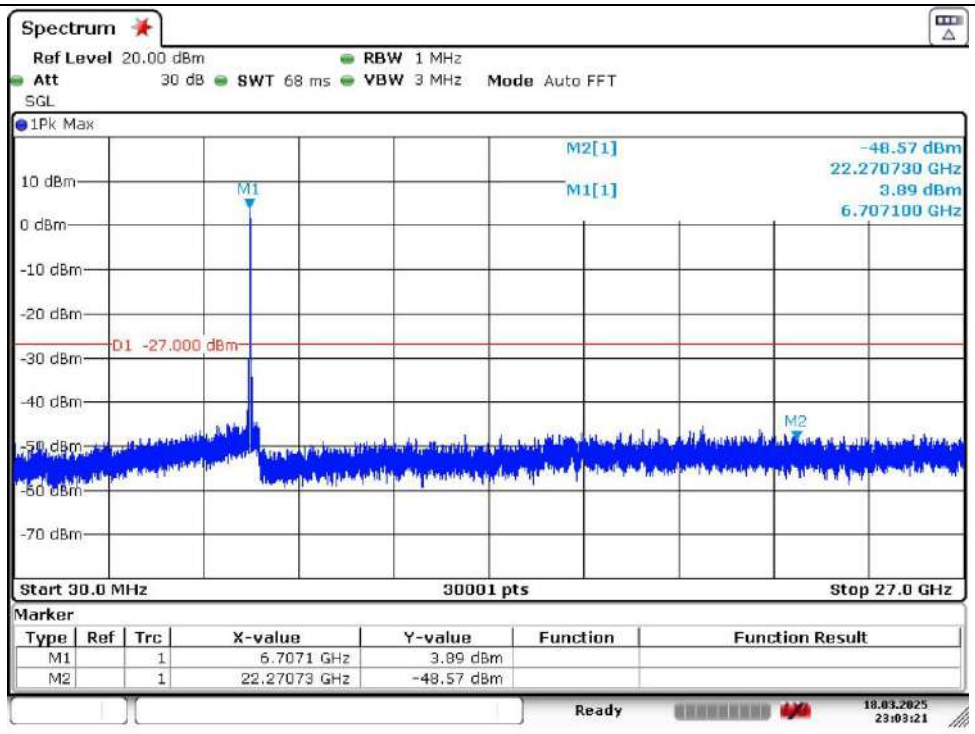
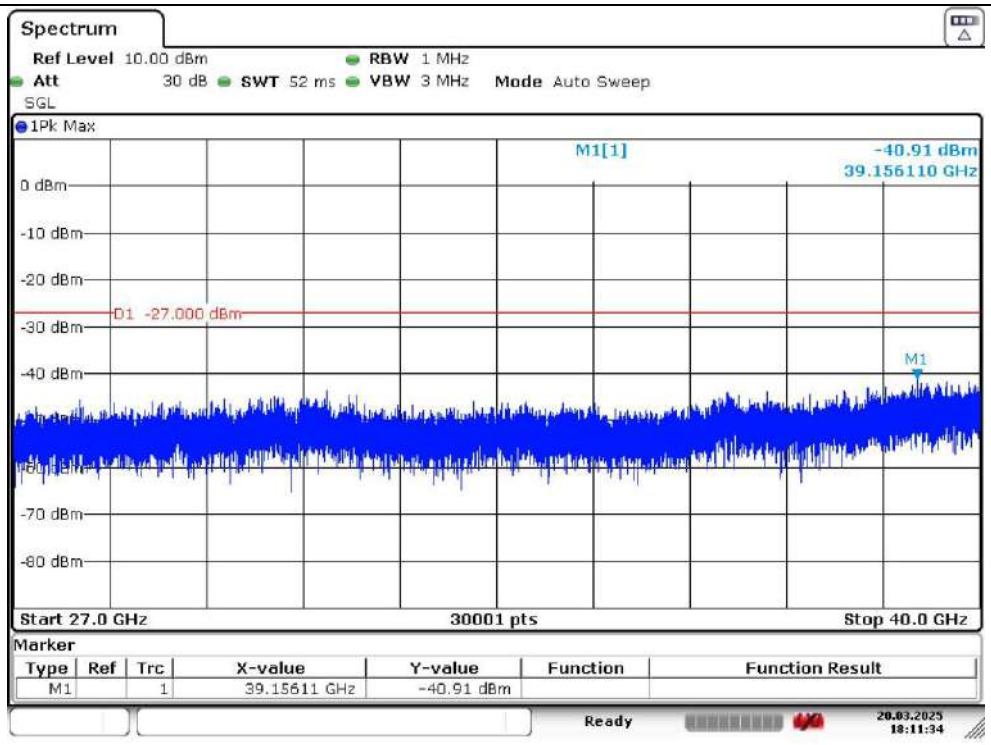
802.11be20
Channel 117: 6535MHz



802.11be20
Channel 153: 6715MHz



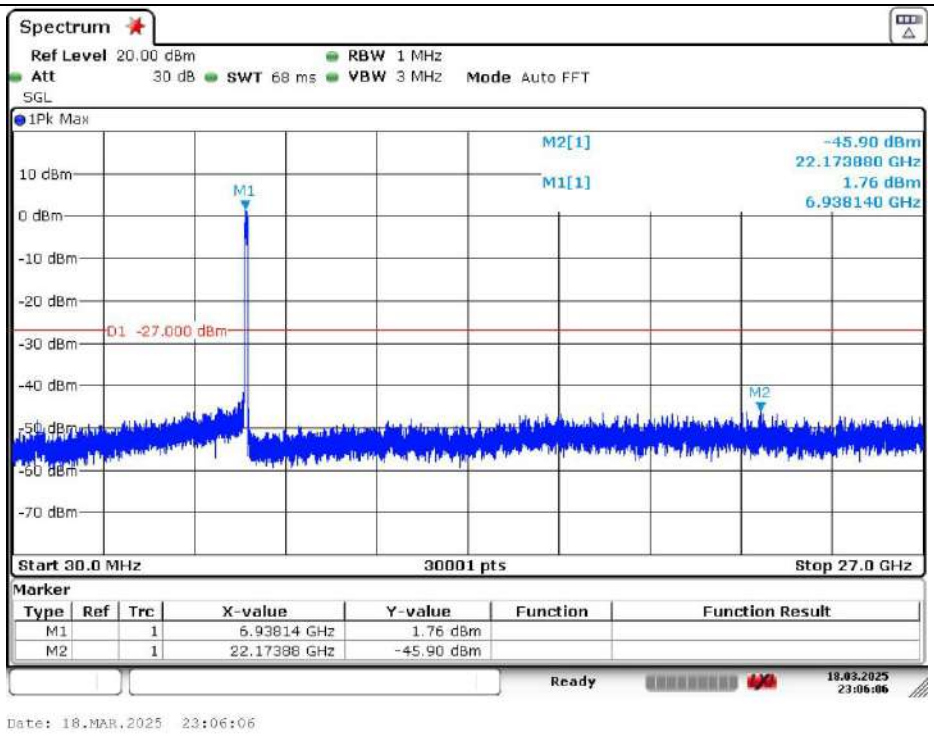
802.11be20
Channel 181: 6855MHz



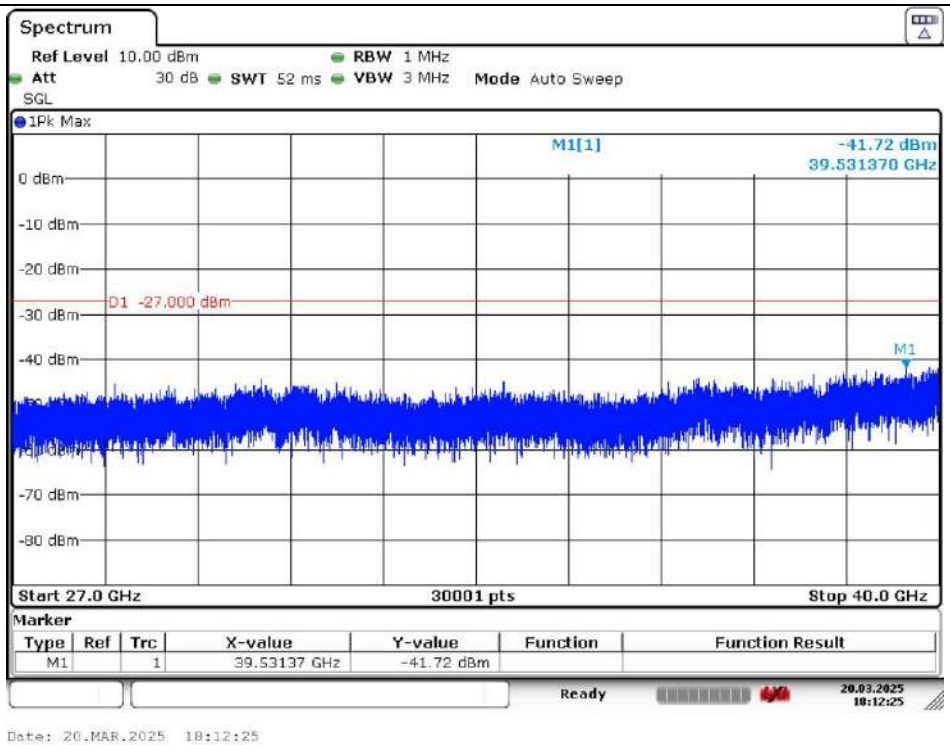
802.11be40
Channel 123: 6565MHz



802.11be40
Channel 155: 6725MHz



802.11be40

Channel 179: 6845MHz





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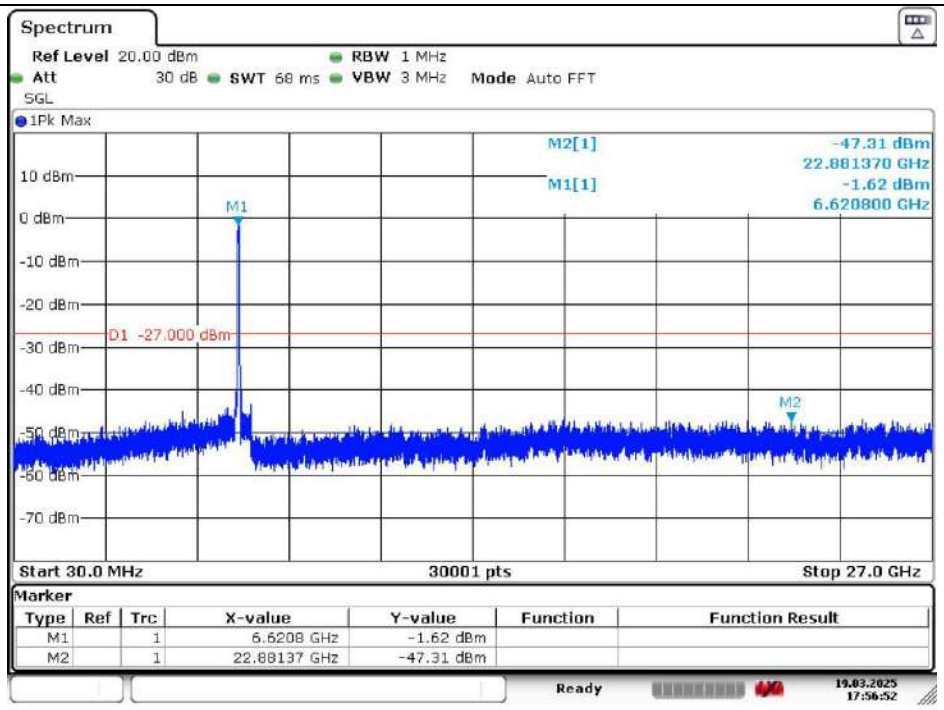
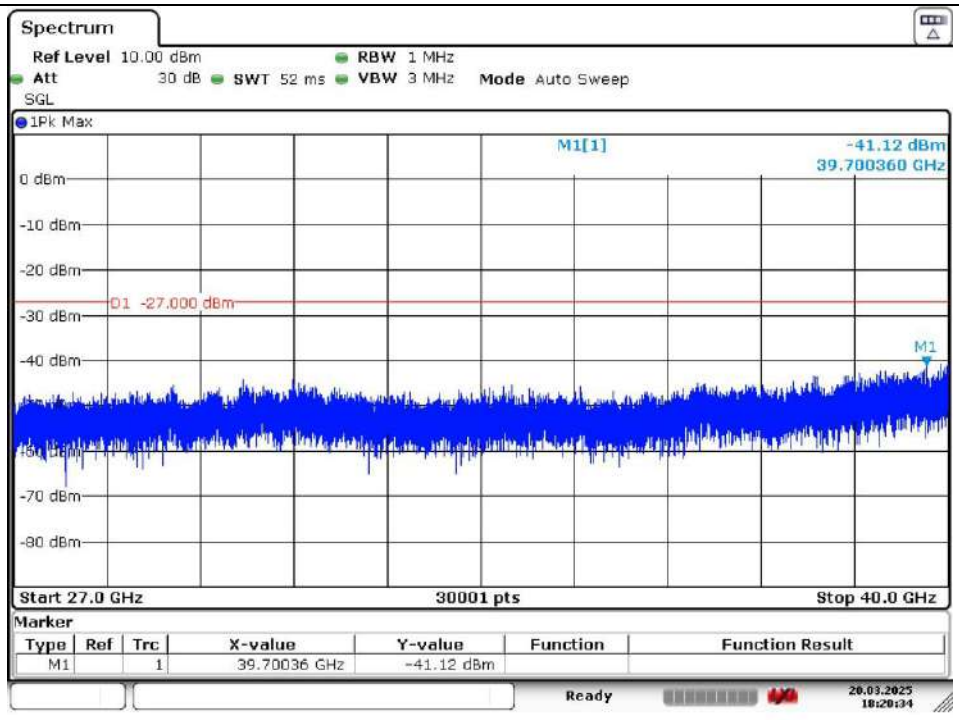
802.11be80
Channel 135: 6625MHz



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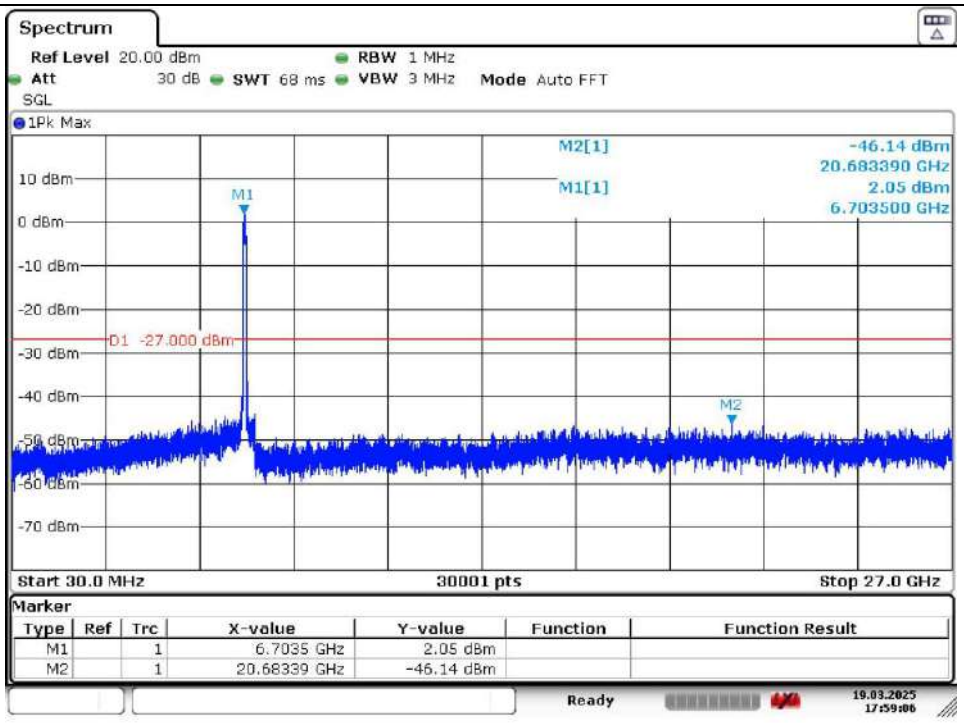

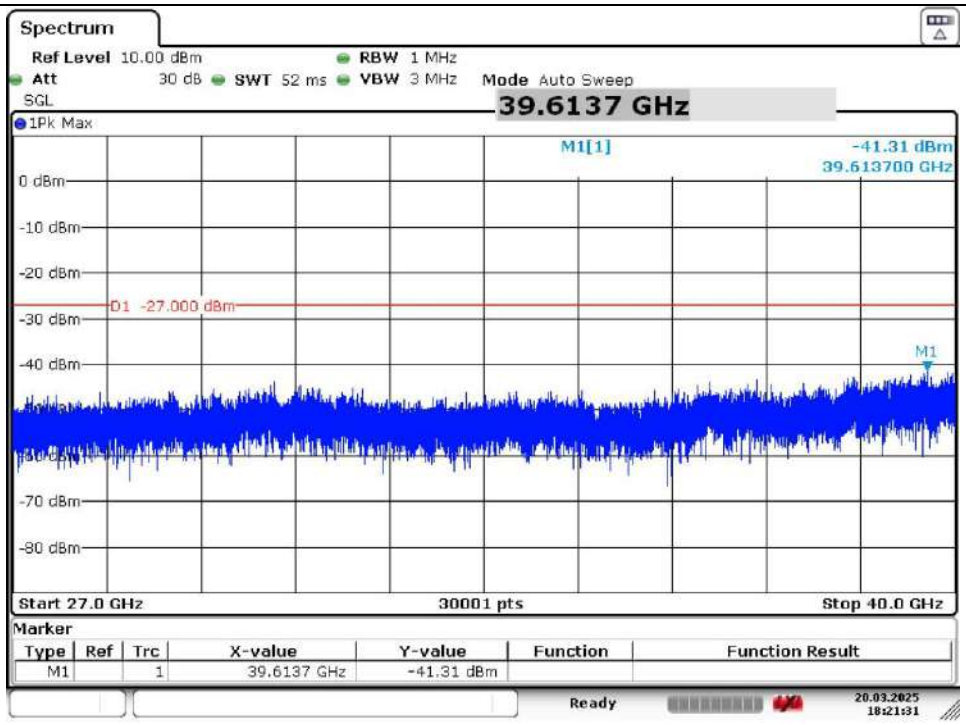

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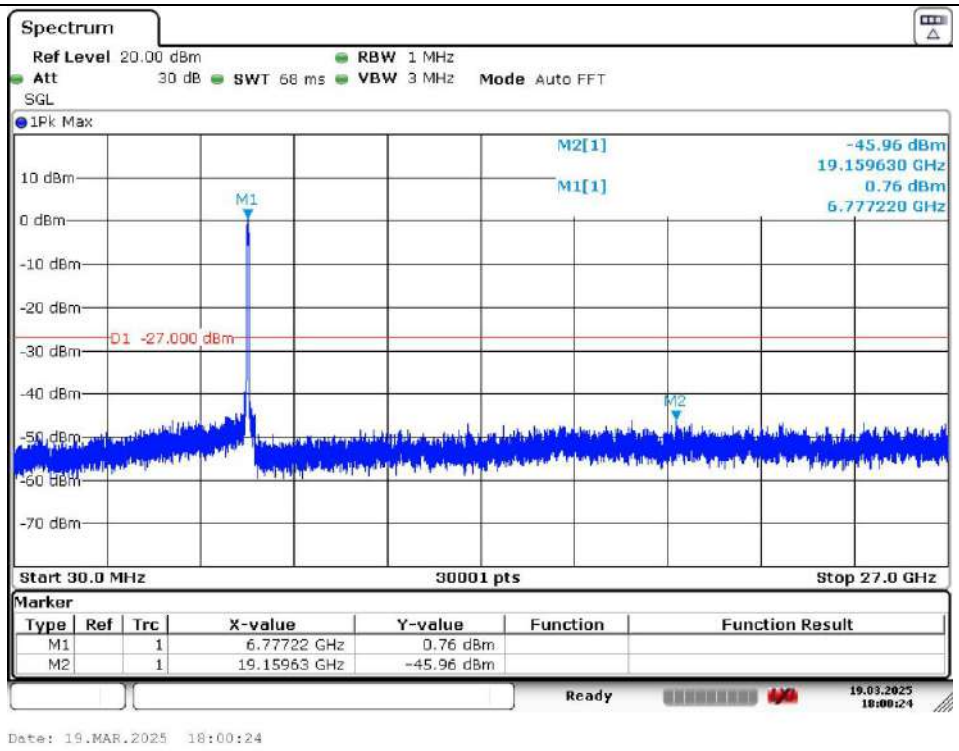
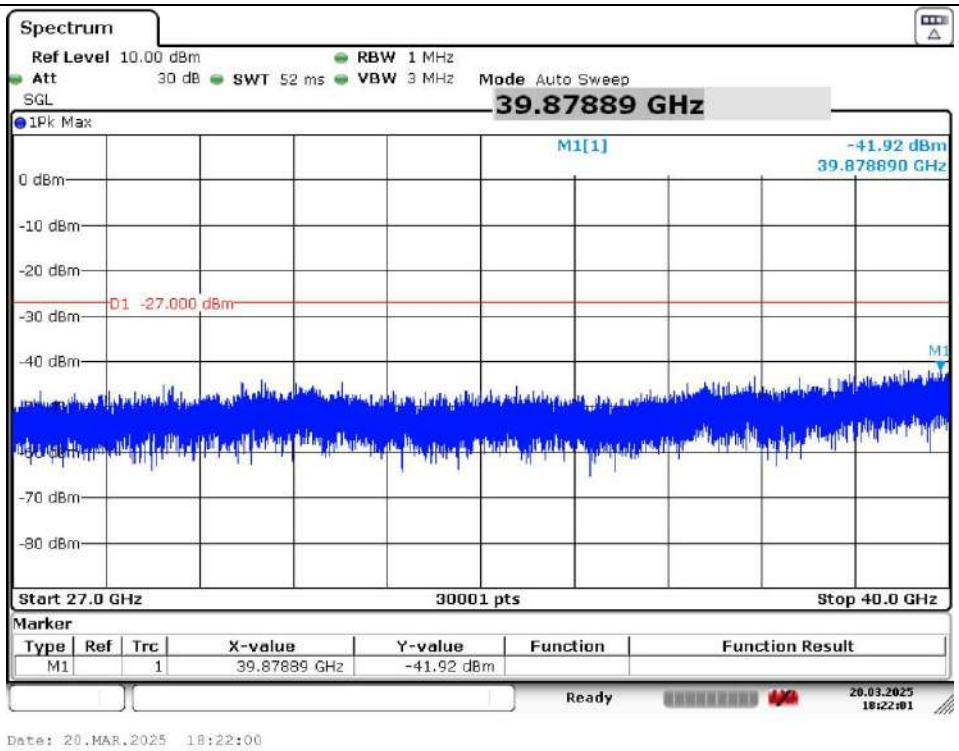

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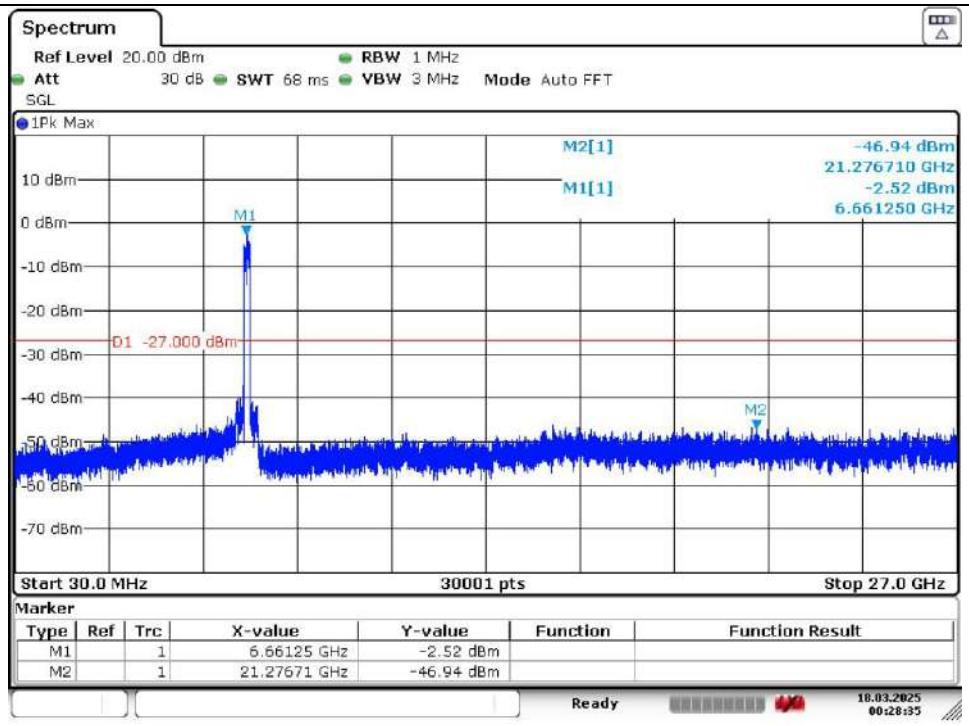
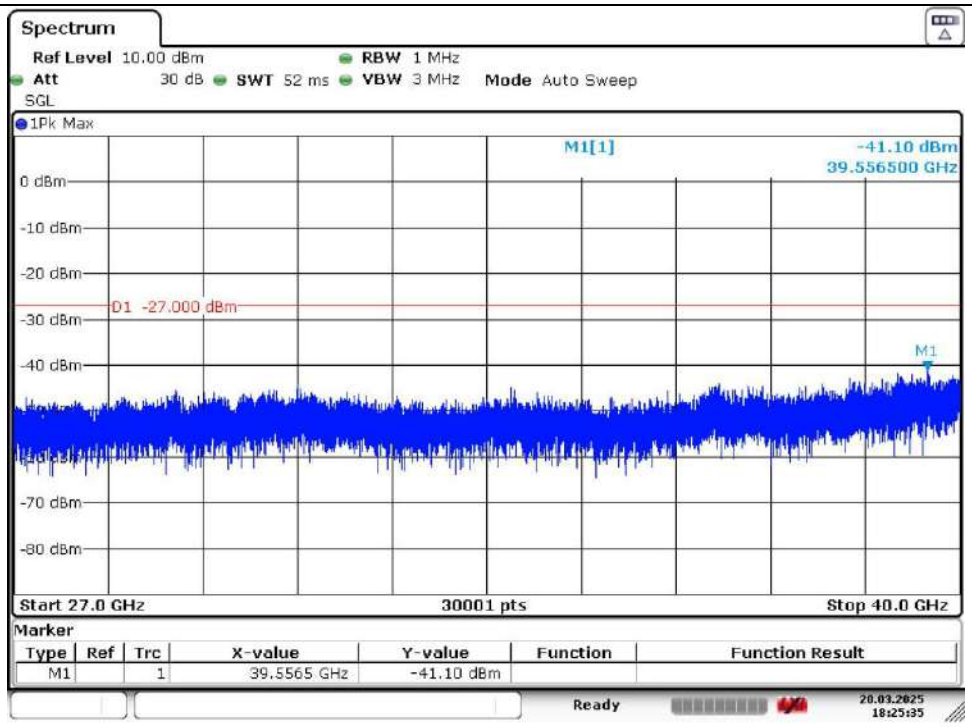
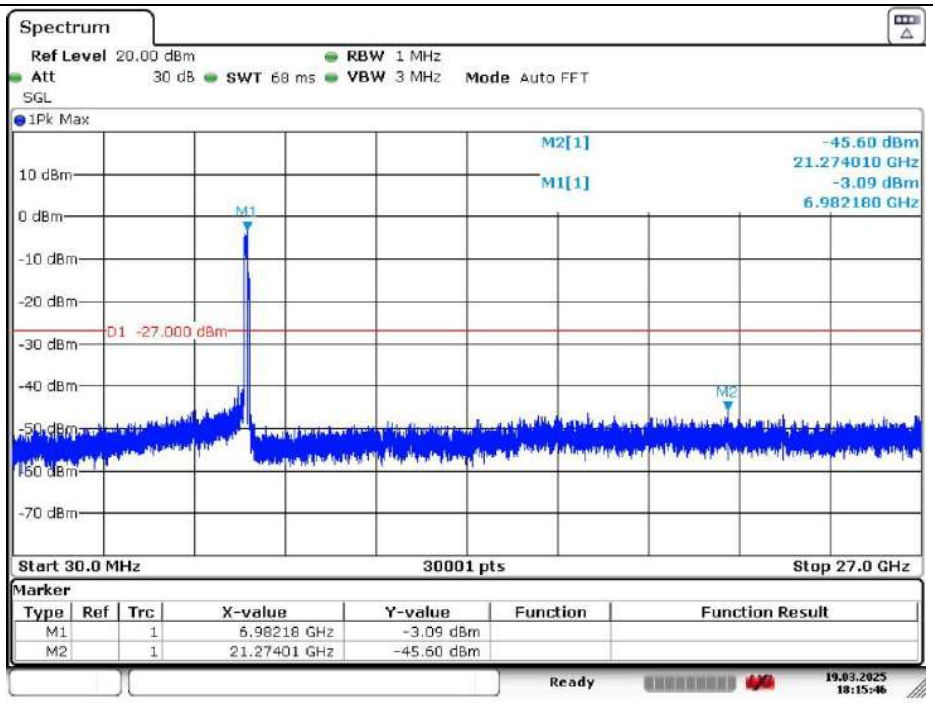
Channel 143: 6665MHz



802.11ax20
Channel 189: 6895MHz



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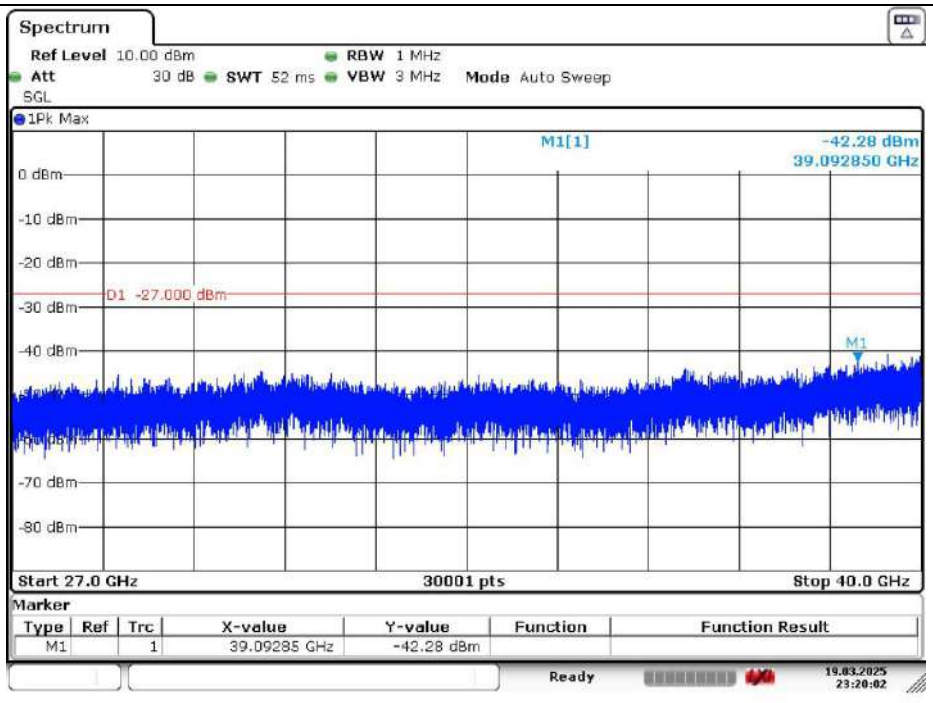

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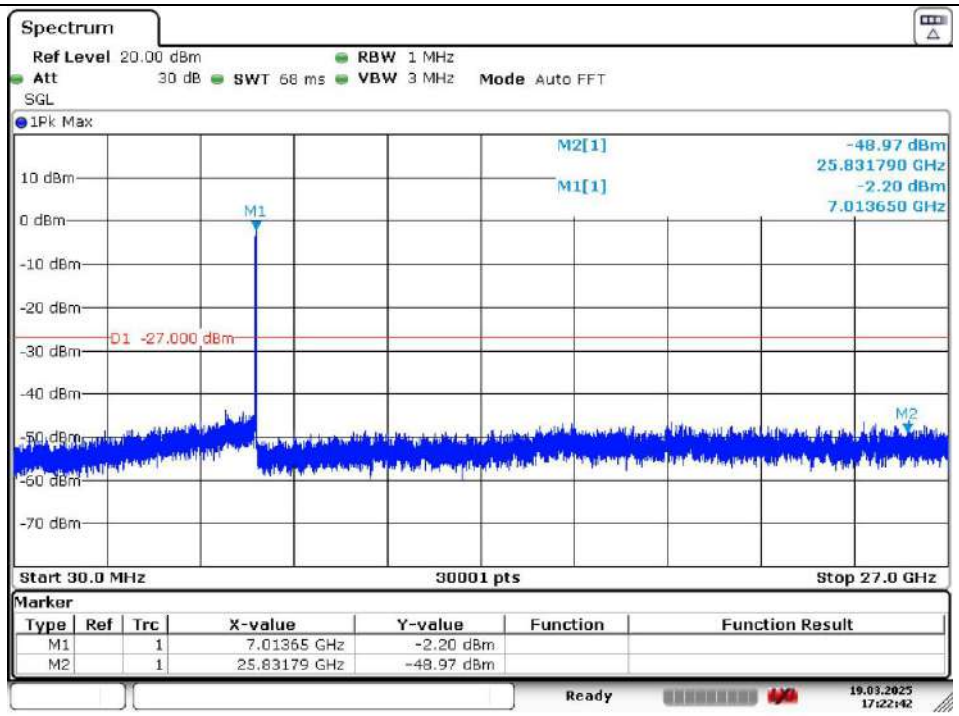
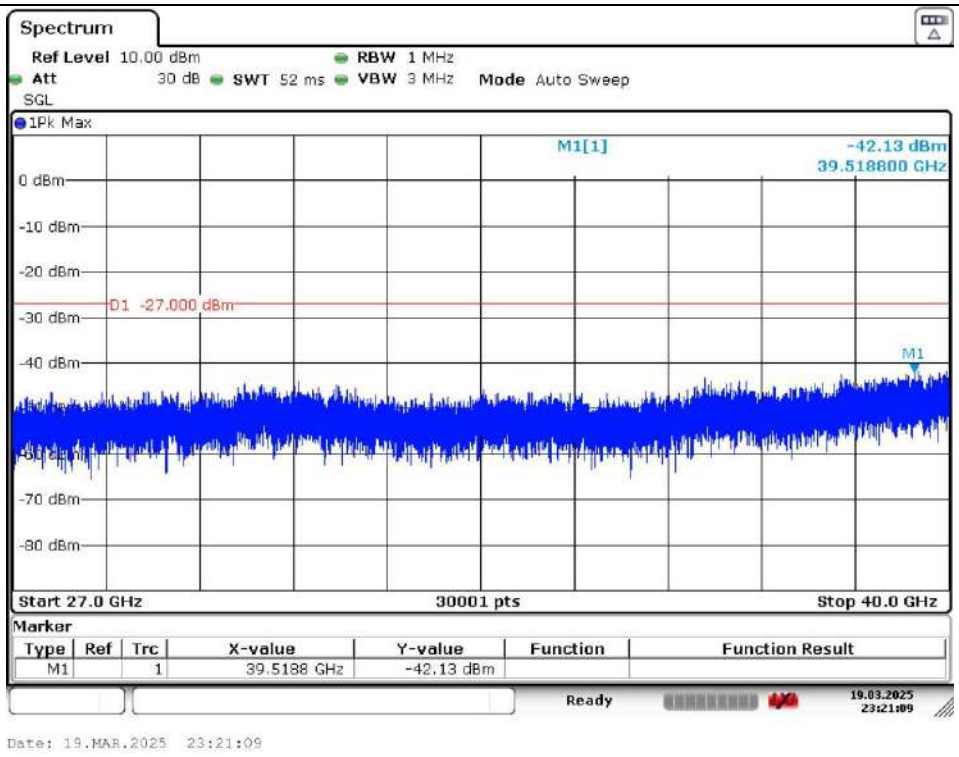
Channel 213: 7015MHz





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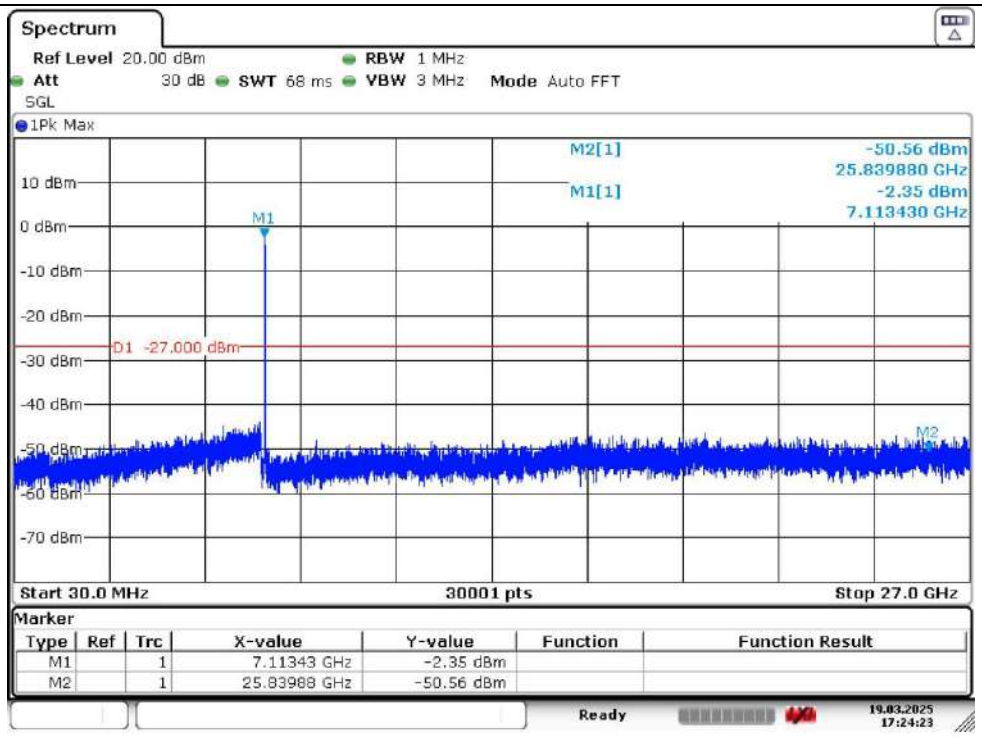
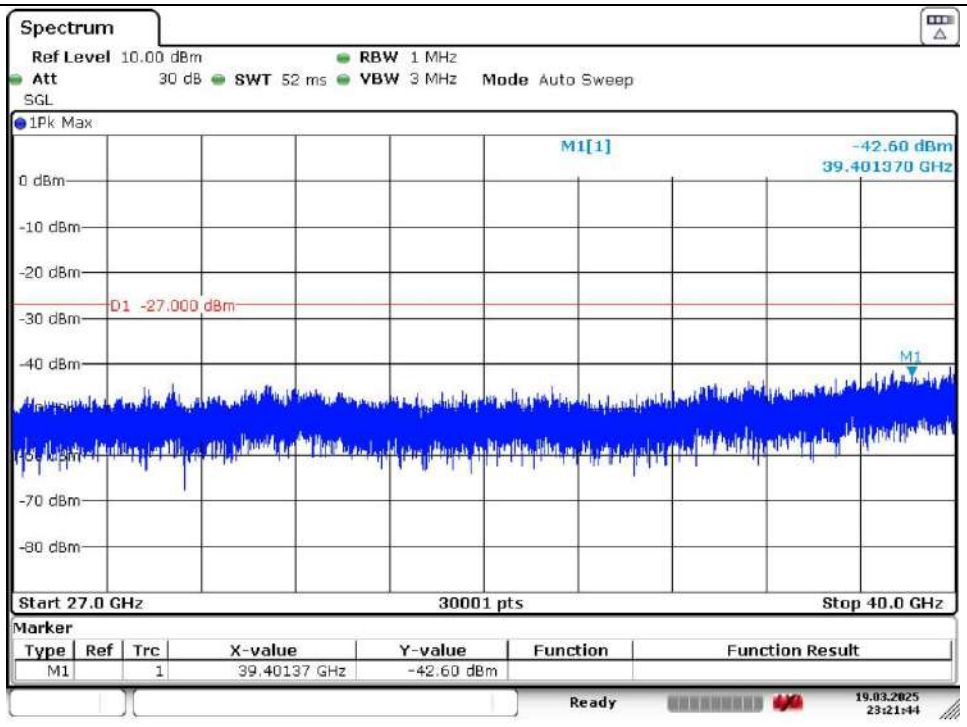
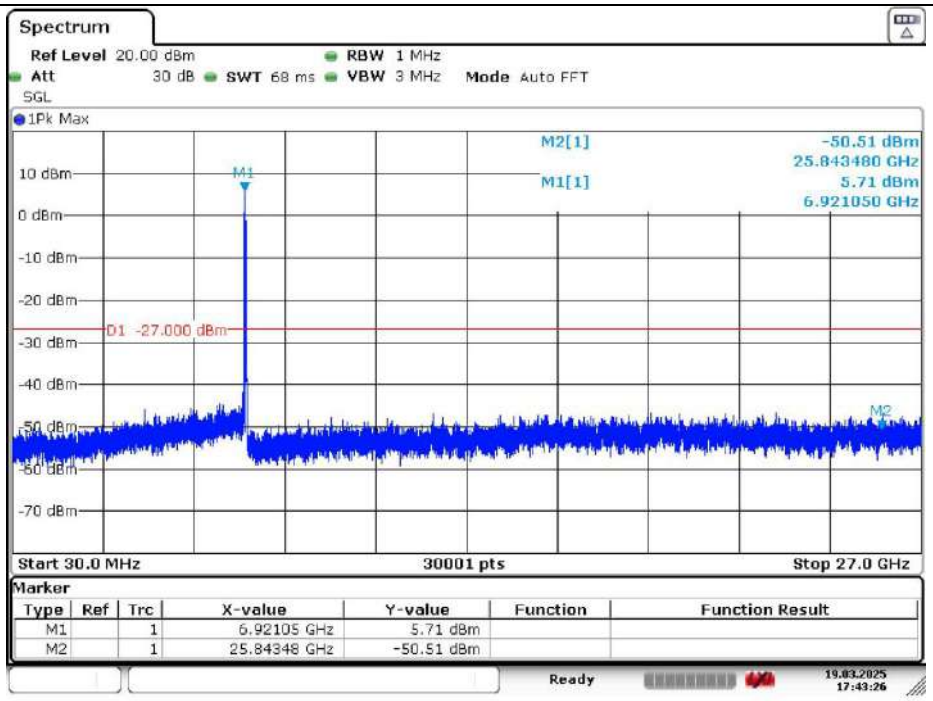
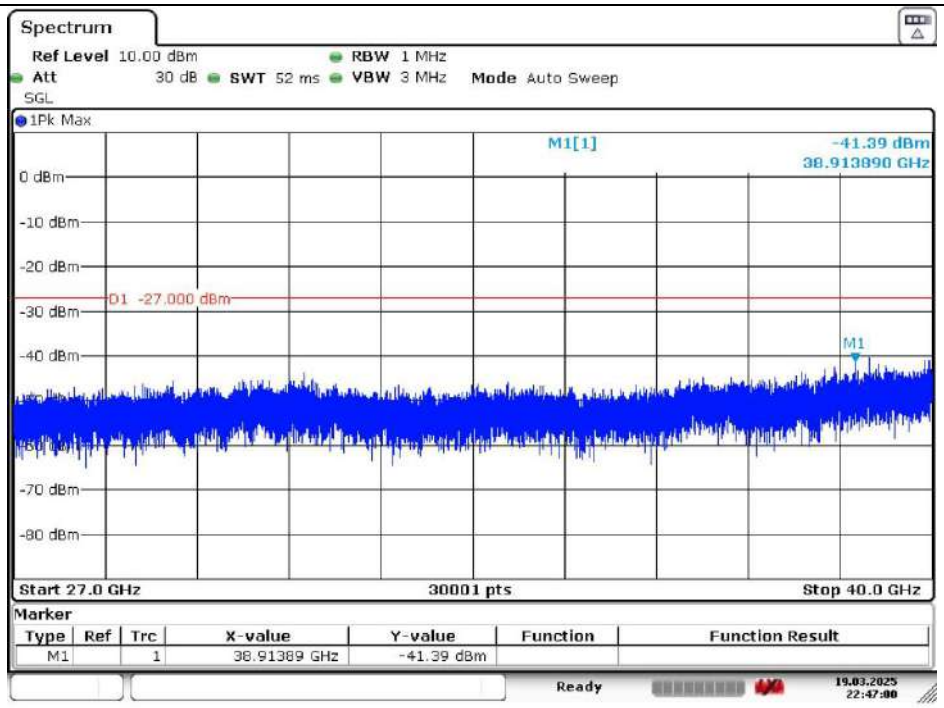



802.11ax40
Channel 195: 6925MHz



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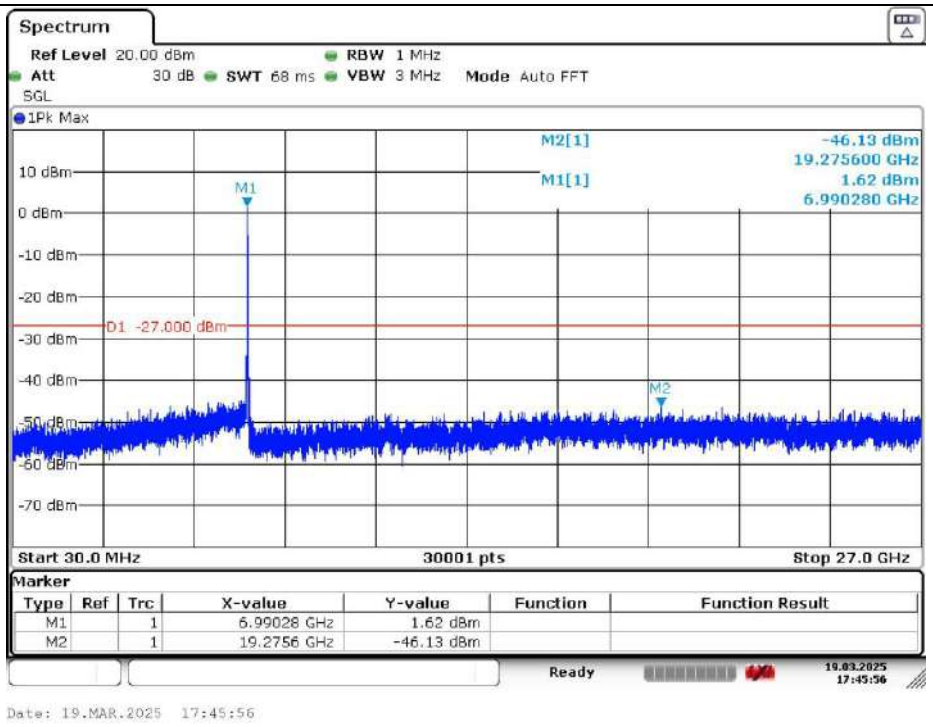
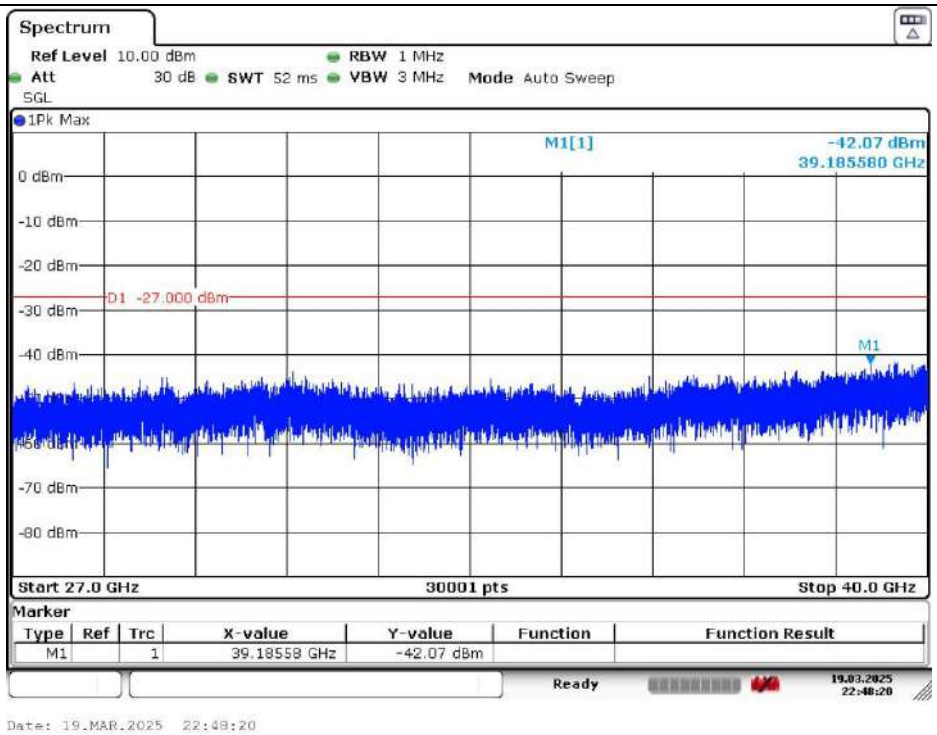
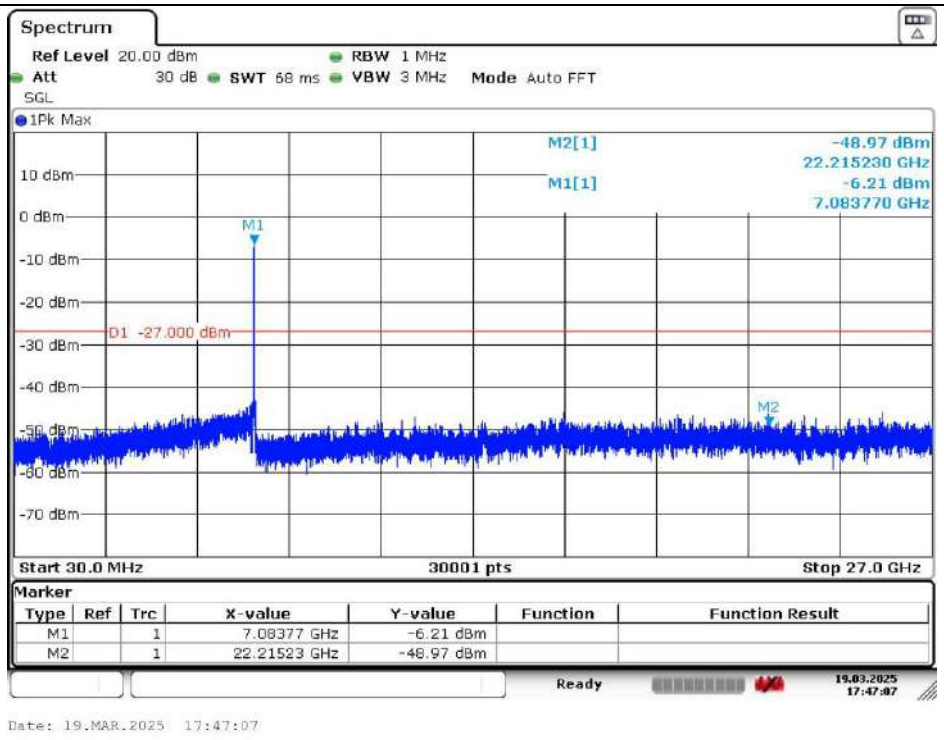
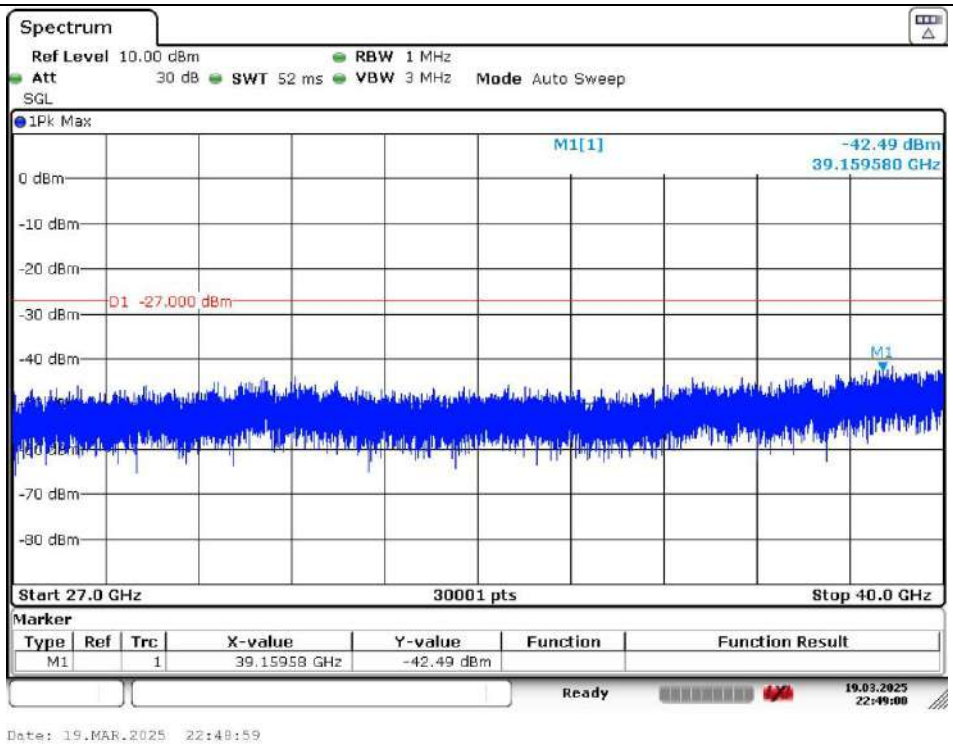
Channel 211: 7005MHz



802.11ax40
Channel 227: 7085MHz





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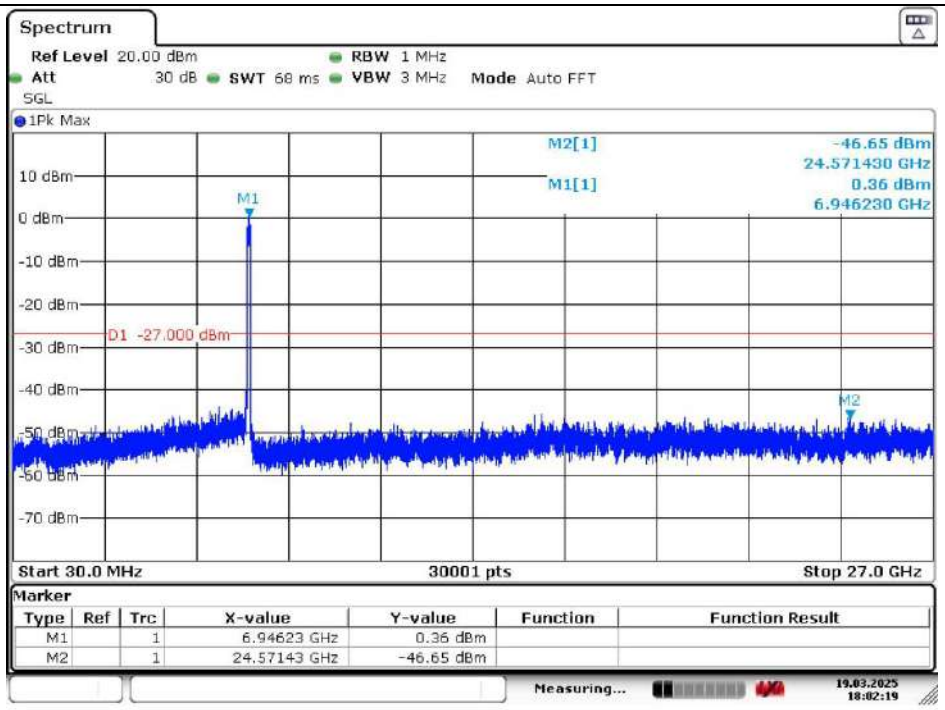
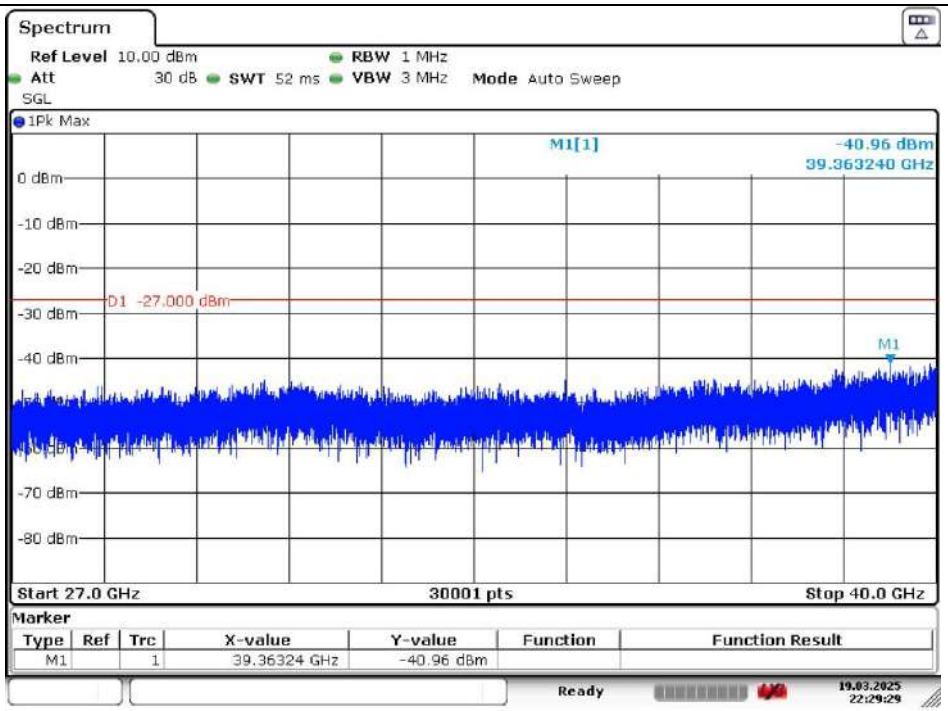

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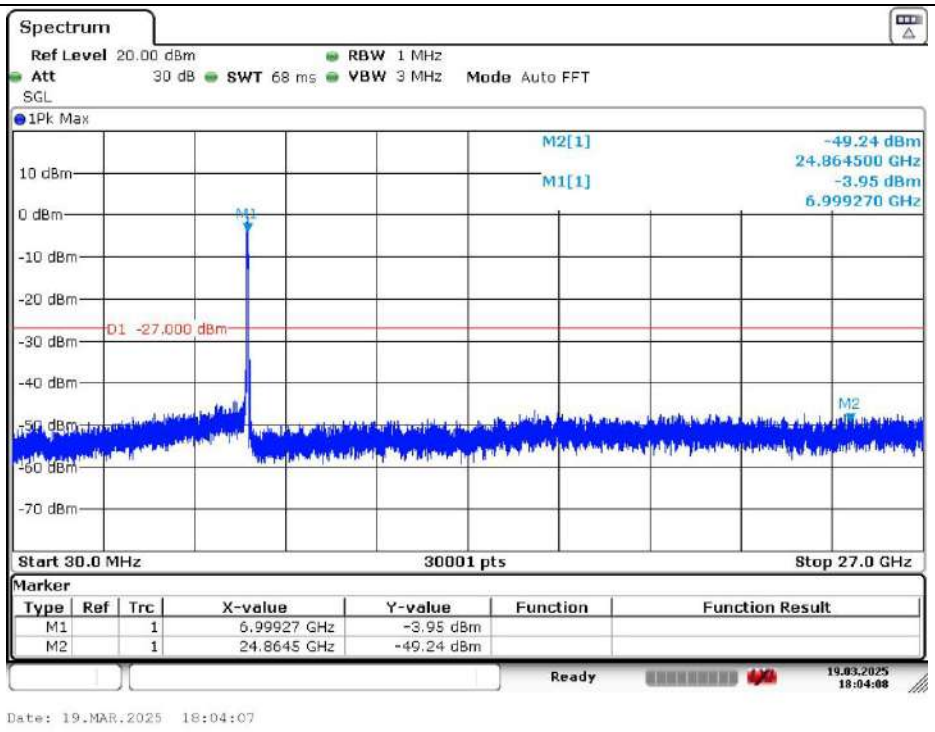

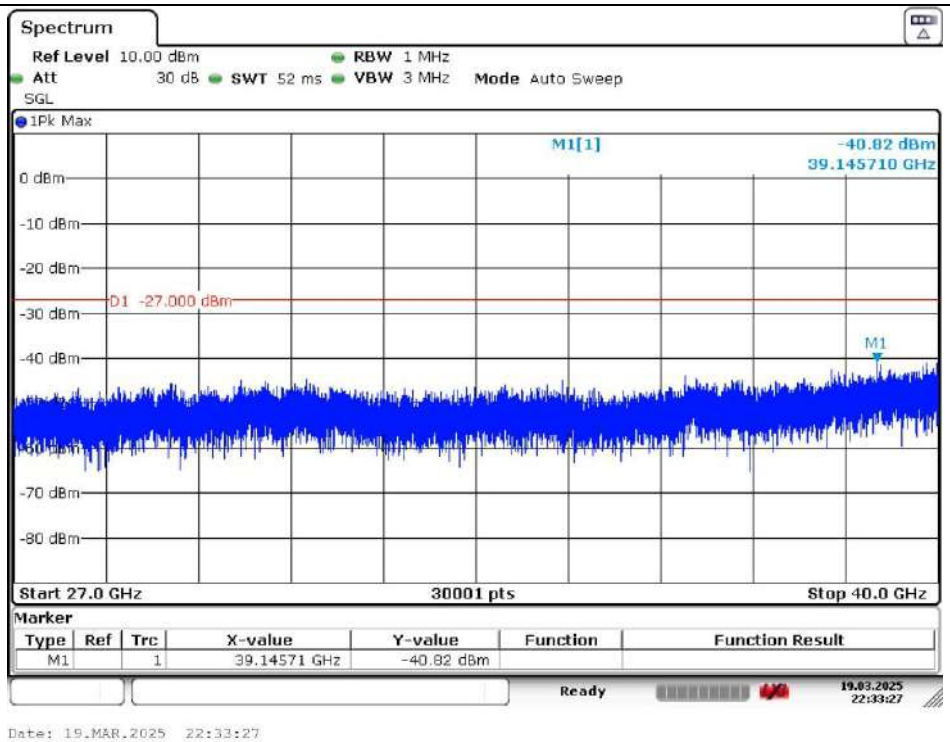

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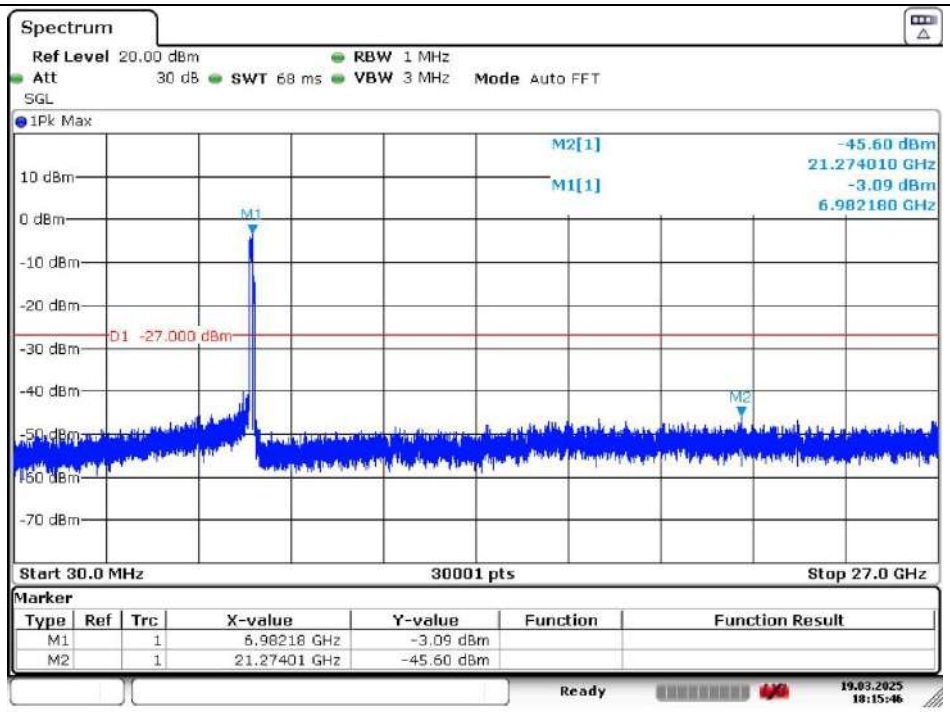
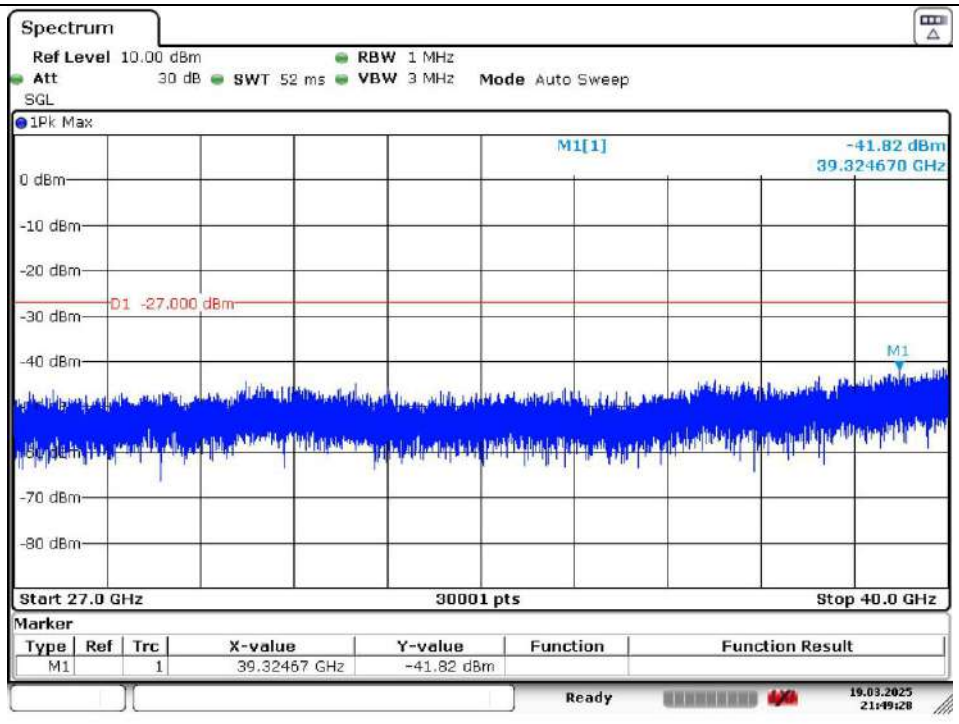

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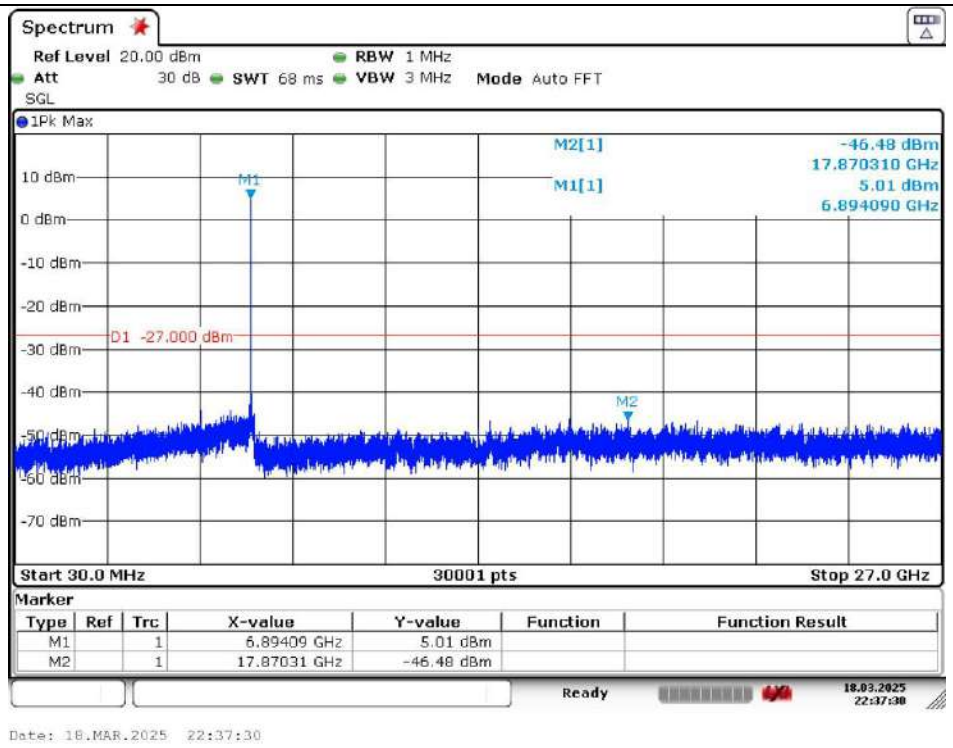
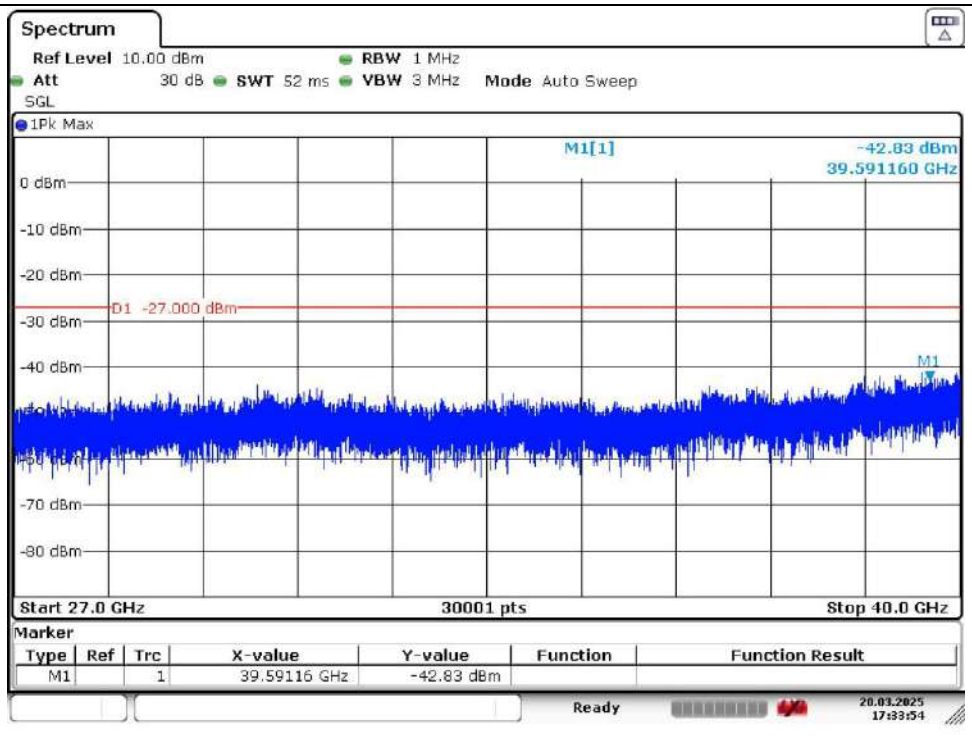

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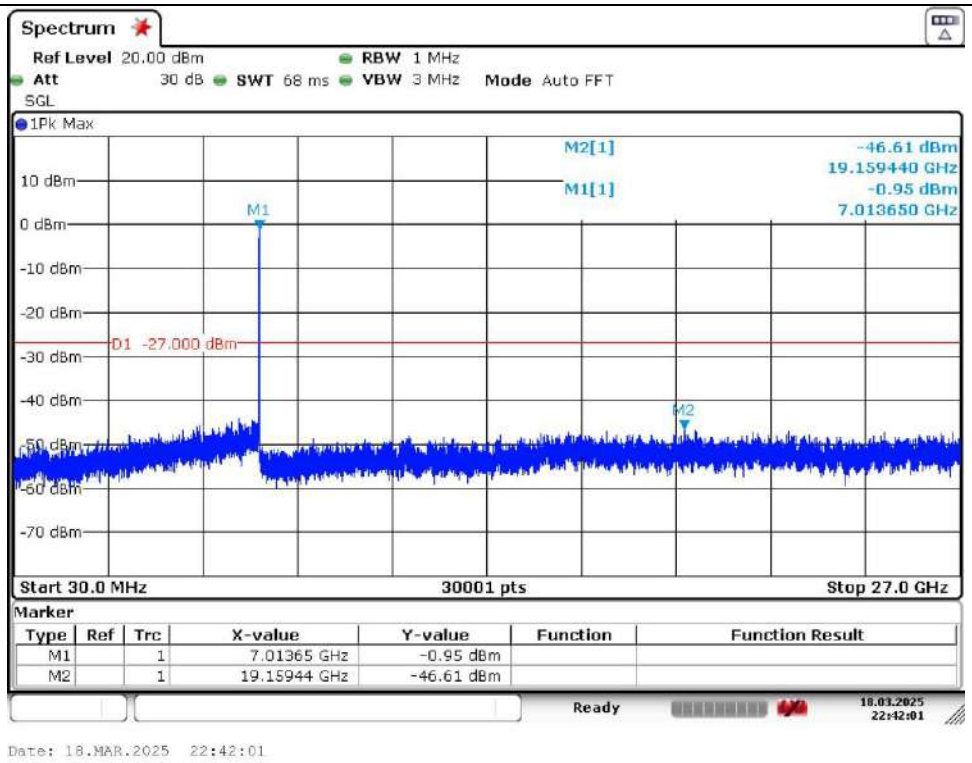
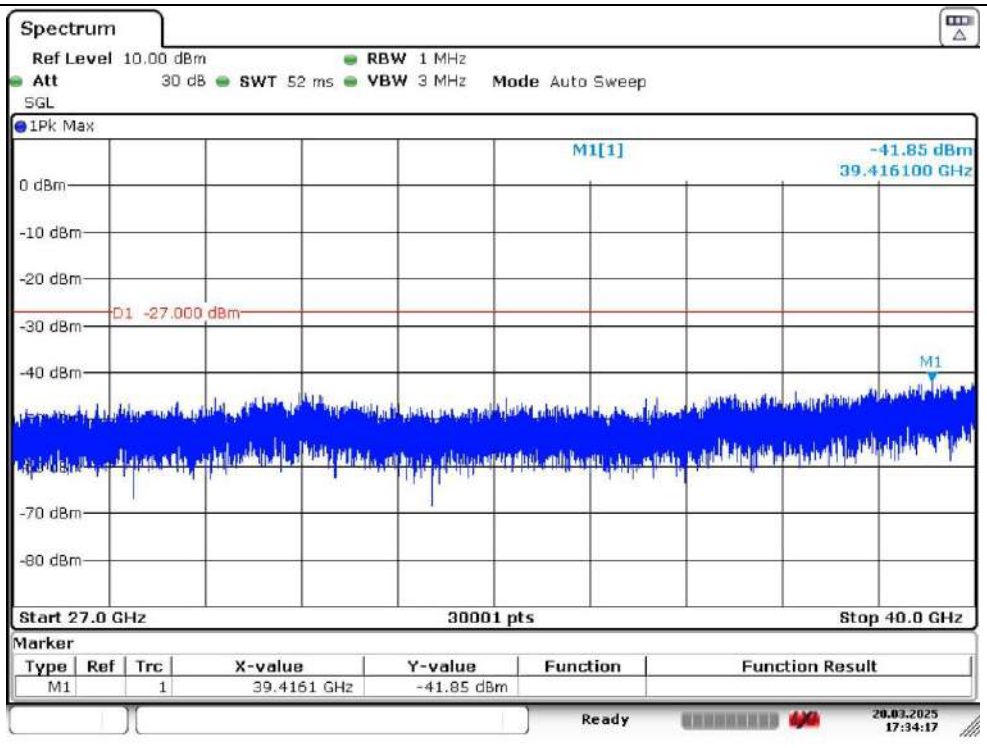
Channel 213: 7015MHz





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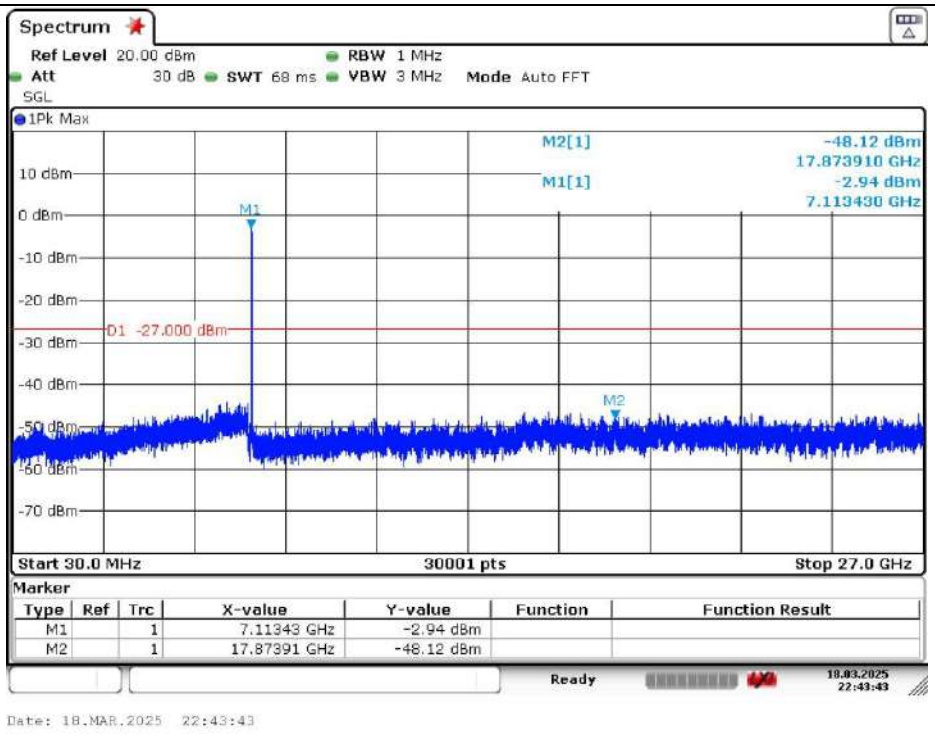
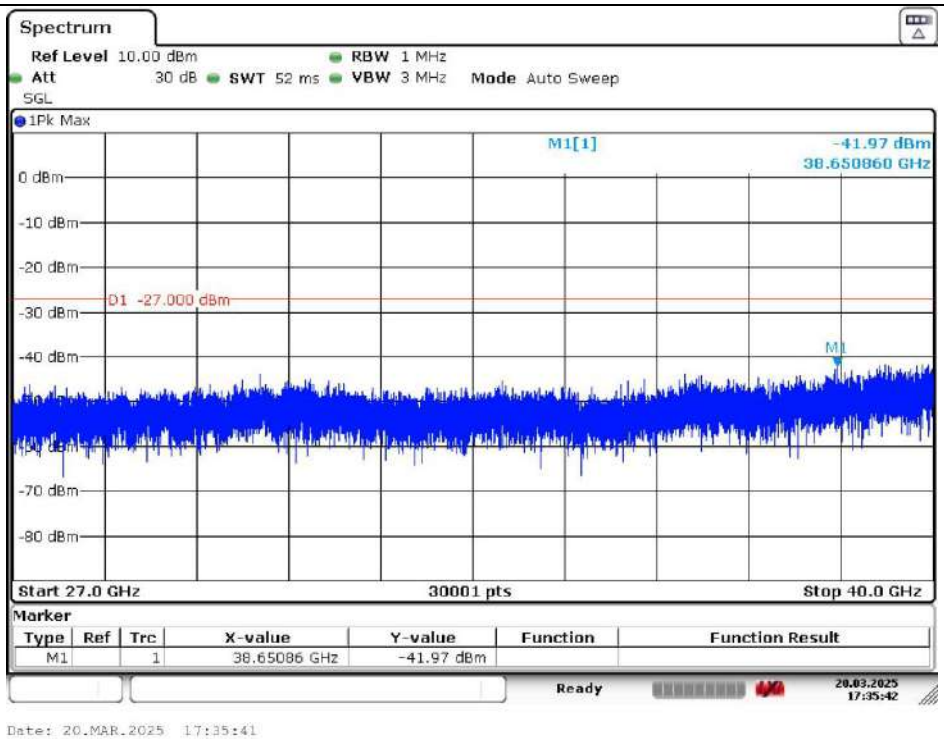
Channel 233: 7115MHz



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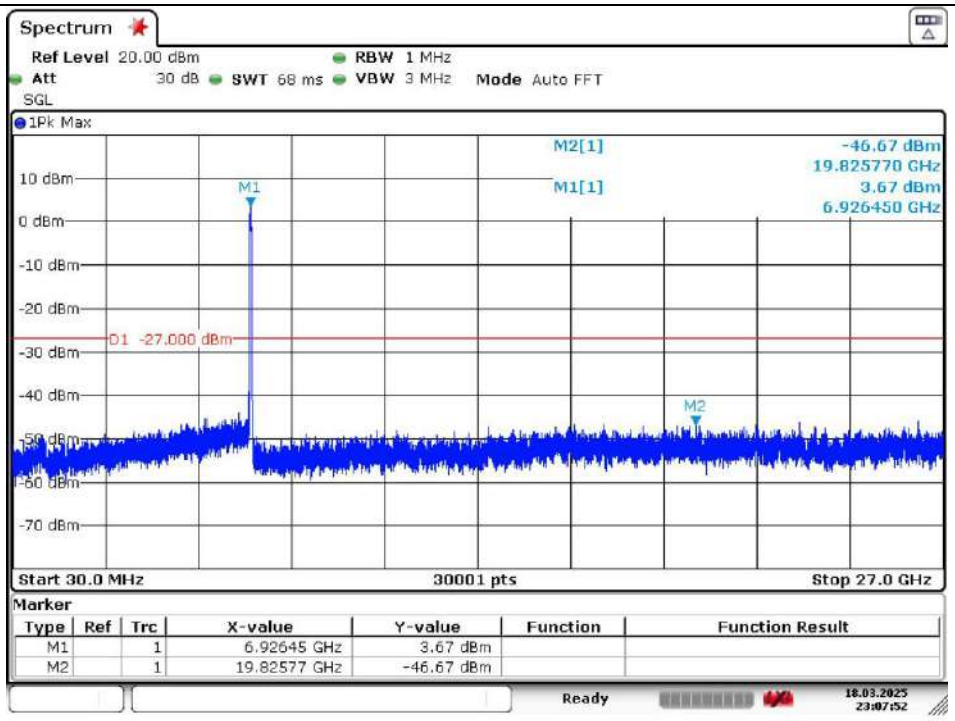
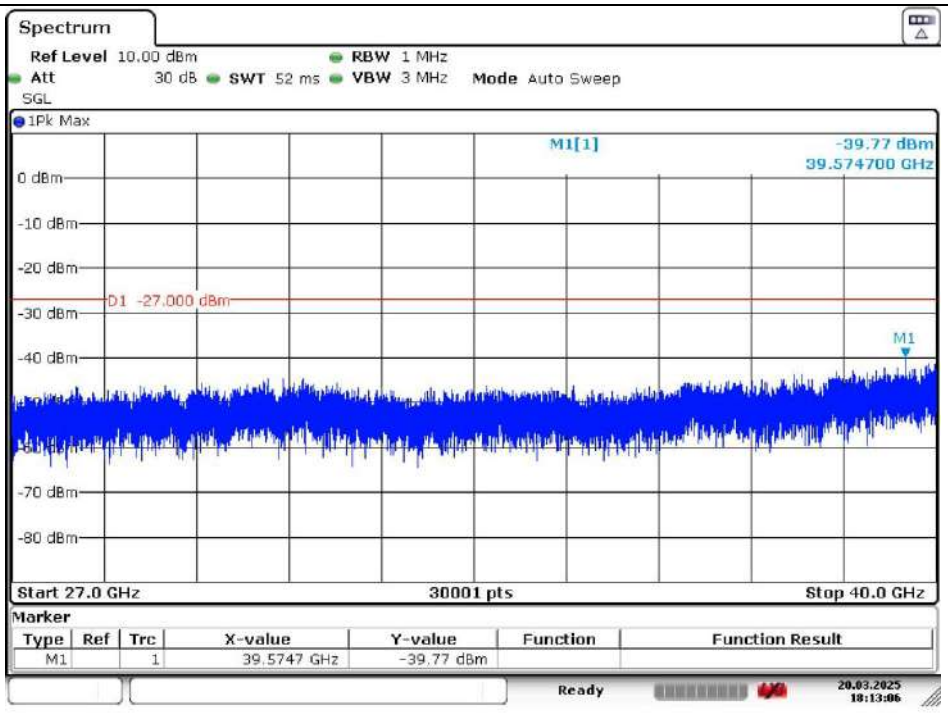
Channel 195: 6925MHz



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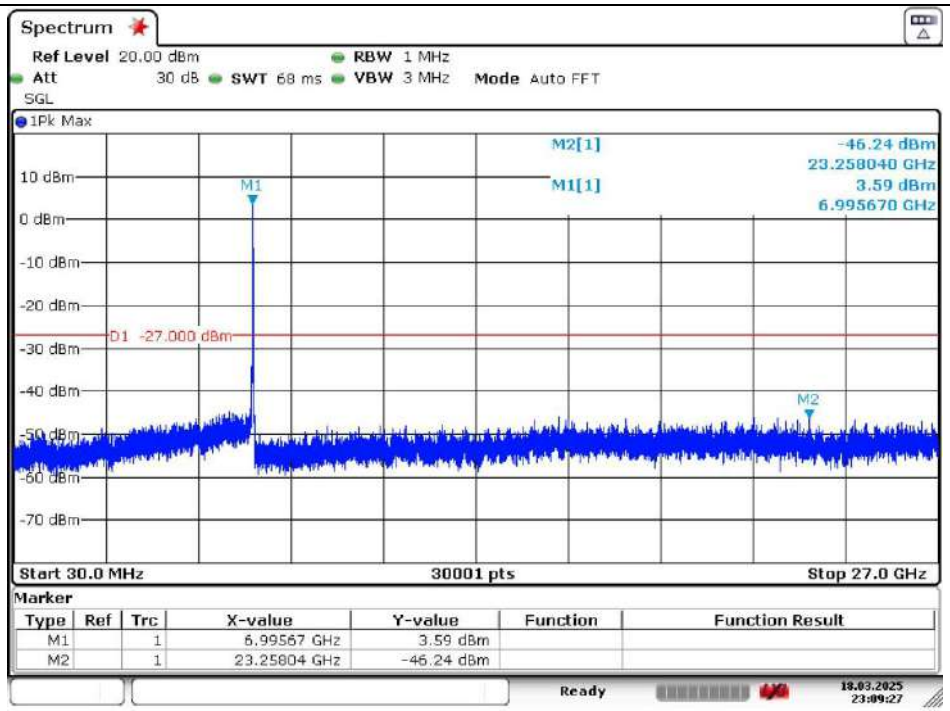
Channel 211: 7005MHz



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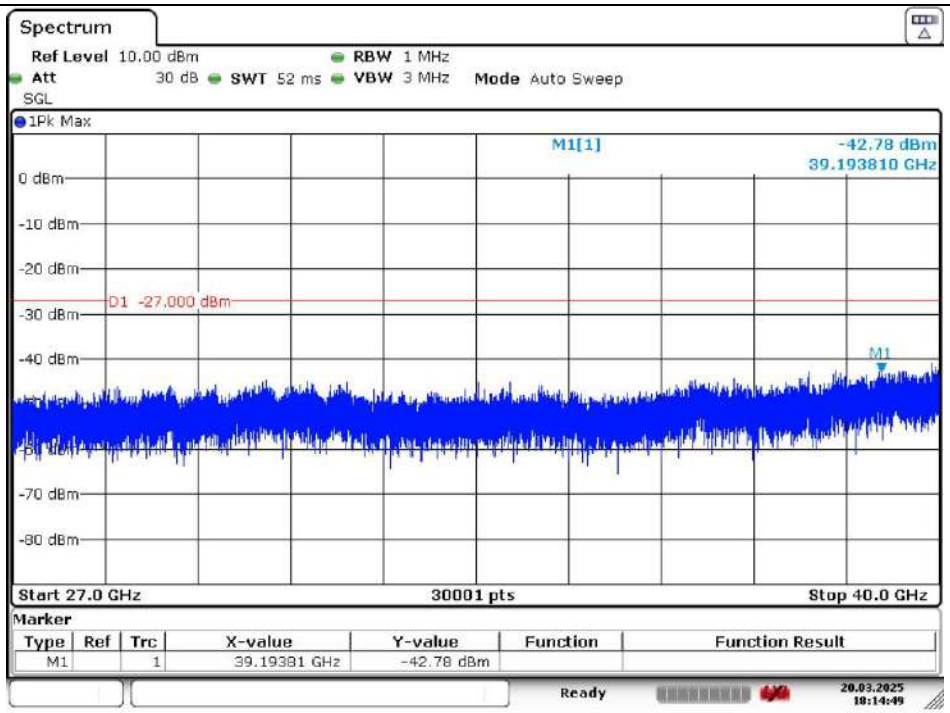

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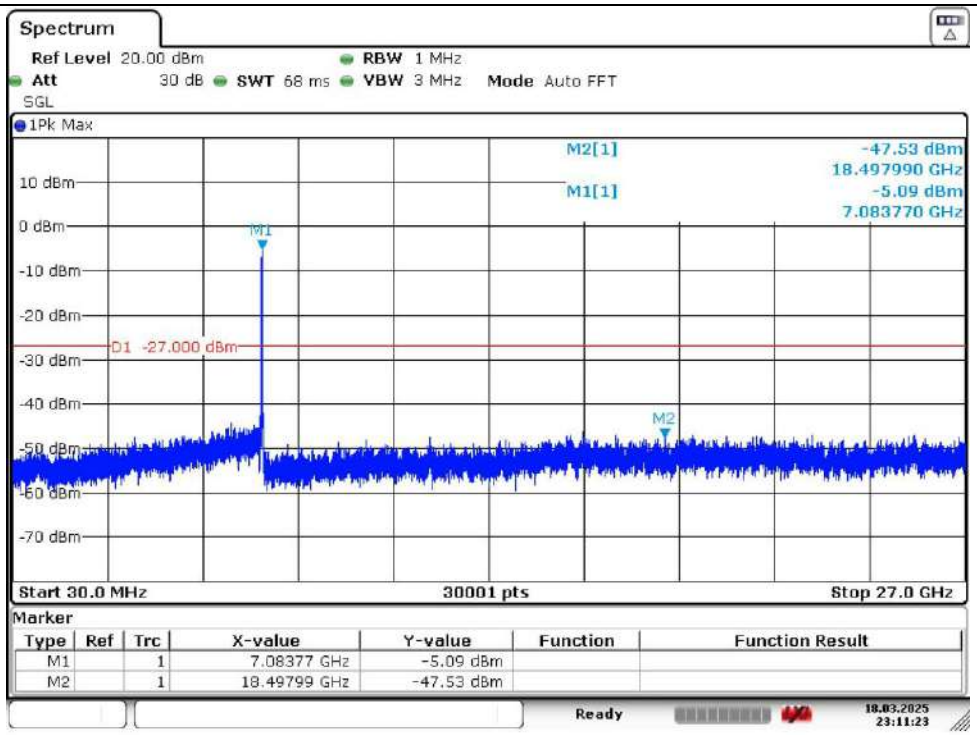

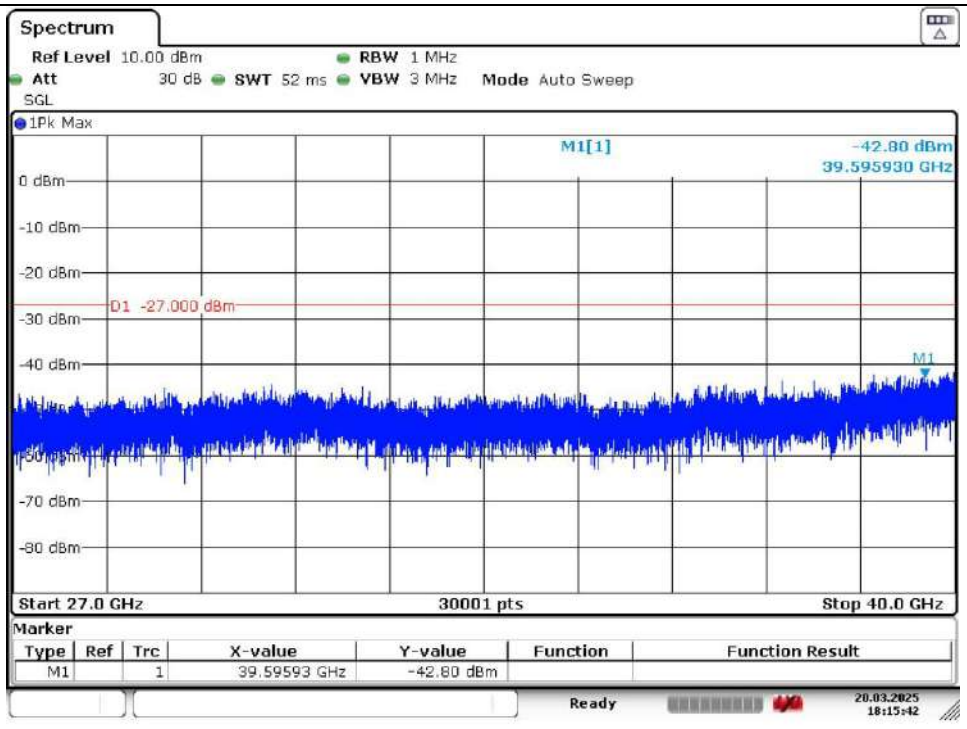

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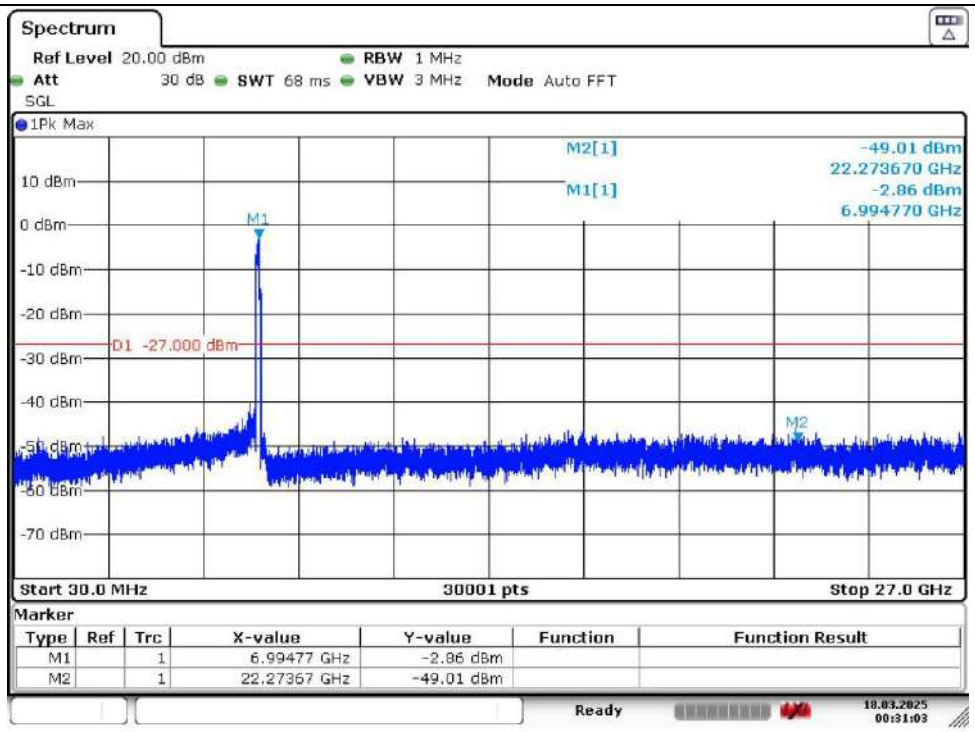

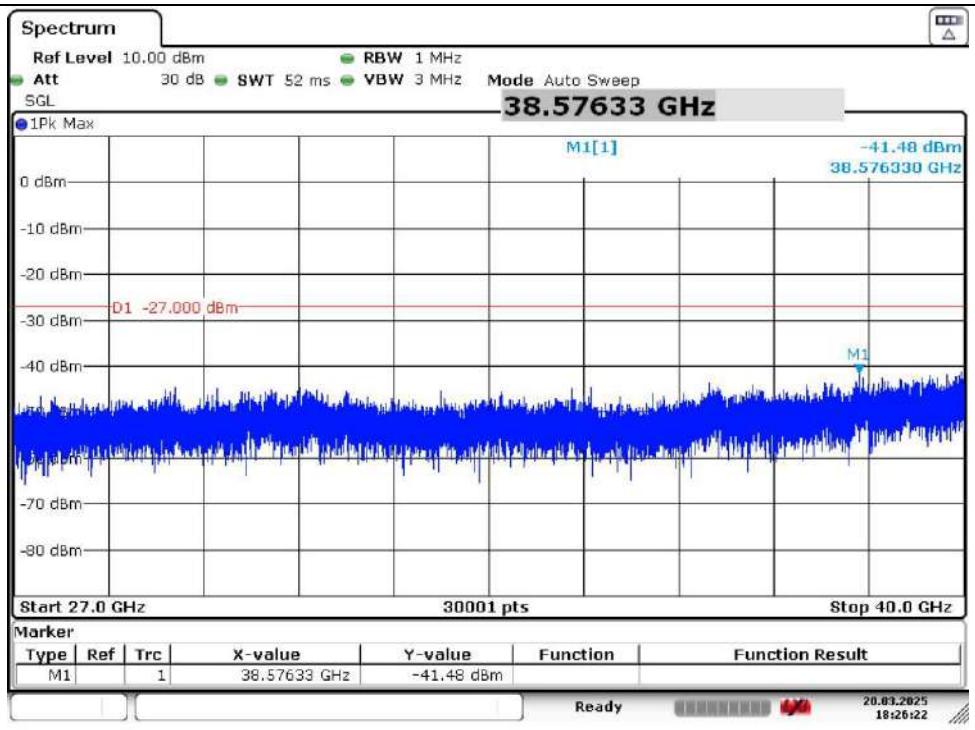

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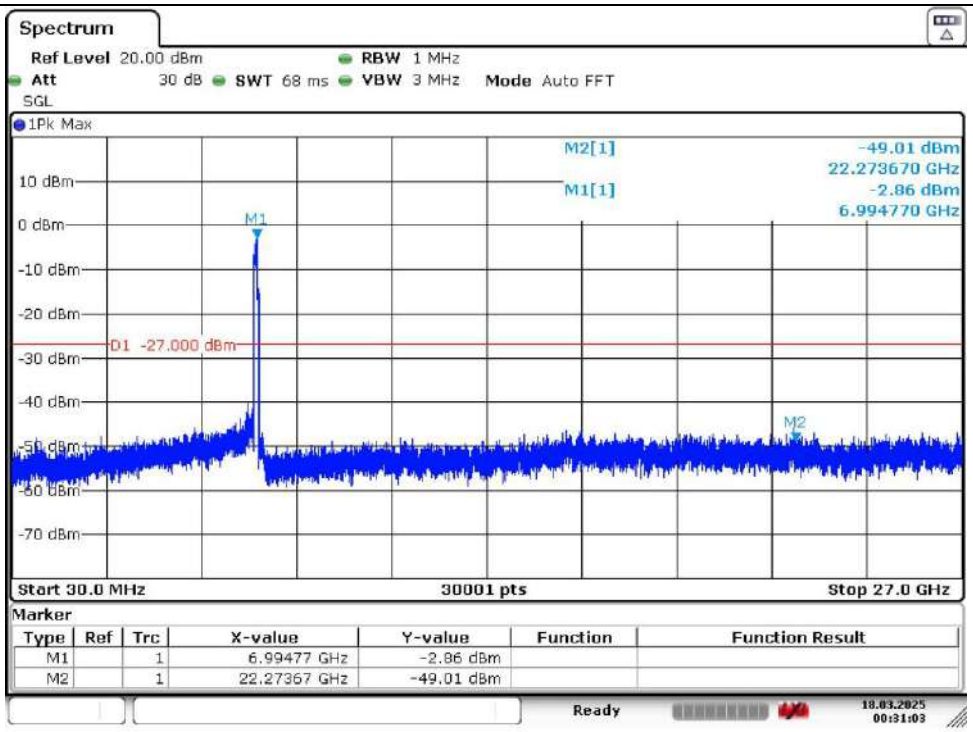

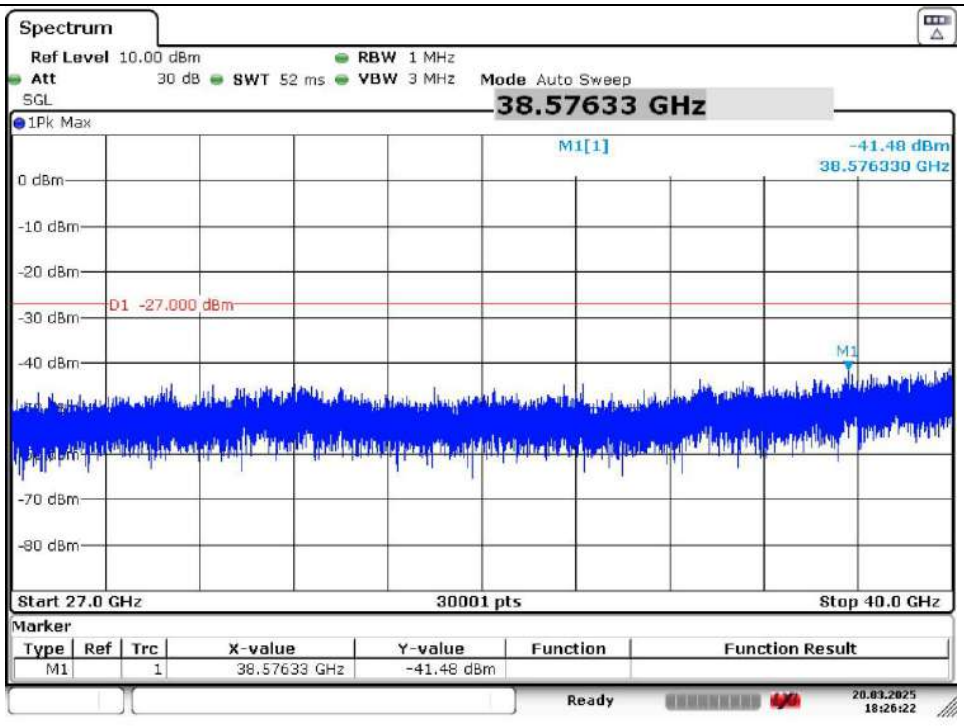

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11 IN-BAND EMISSIONS

11.1 limit

For transmitters operating within the 5.925-7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

11.2 TEST PROCEDURE

1. Take nominal bandwidth as reference channel bandwidth provided that 26 dB emission bandwidth is always larger than nominal bandwidth
2. Measure the power spectral density (which will be used for emissions mask reference) using the following procedure:
a) Set the span to encompass the entire 26 dB EBW of the signal.
b) Set RBW = same RBW used for 26 dB EBW measurement.
c) Set VBW ≥ 3 X RBW
d) Number of points in sweep ≥ [2 X span / RBW].
e) Sweep time = auto.
f) Detector = RMS (i.e., power averaging)
g) Trace average at least 100 traces in power averaging (rms) mode.
h) Use the peak search function on the instrument to find the peak of the spectrum.

11.3 DEVIATION FROM STANDARD

No deviation.

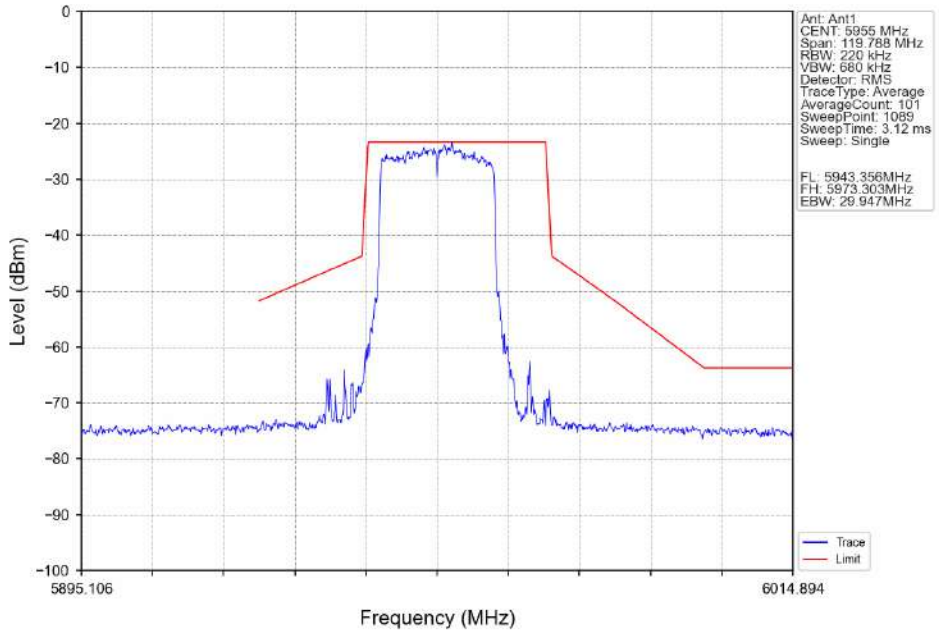
11.4 TEST SETUP

11.5 EUT OPERATION CONDITIONS

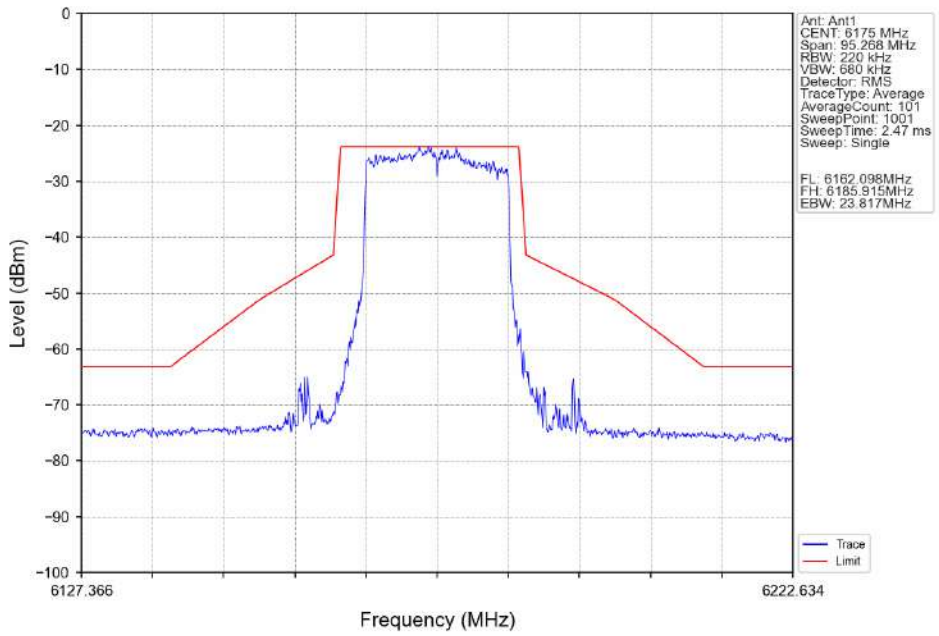
The EUT tested system was configured as the statements of 5 Unless otherwise a special operating condition is specified in the follows during the testing.

11.6 **TEST RESULTS**

802.11ax(HEW20)_LCH_5955MHz_RU242_Left_Ant1_NTNV



802.11ax(HEW20)_MCH_6175MHz_RU242_Left_Ant1_NTNV



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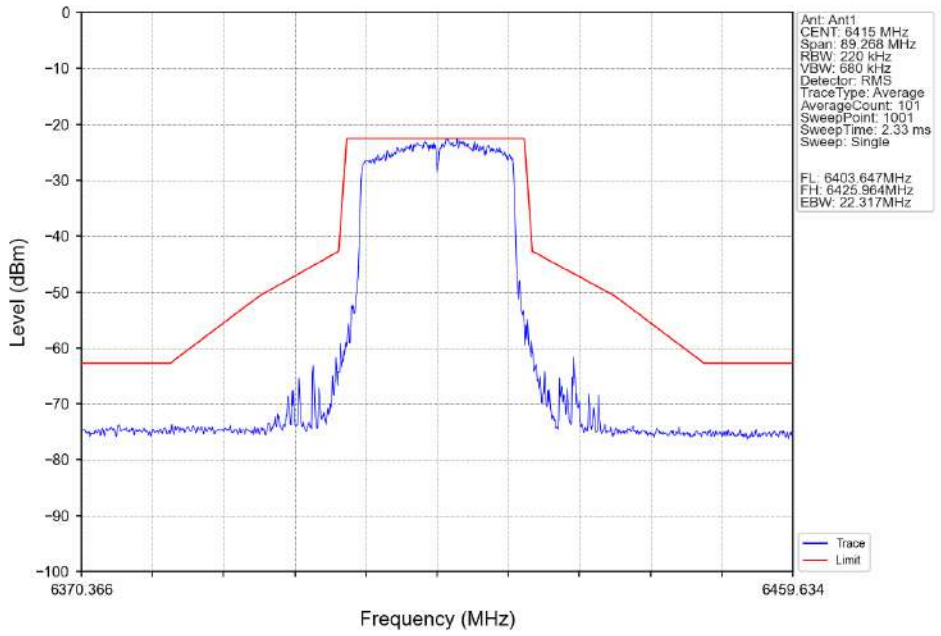
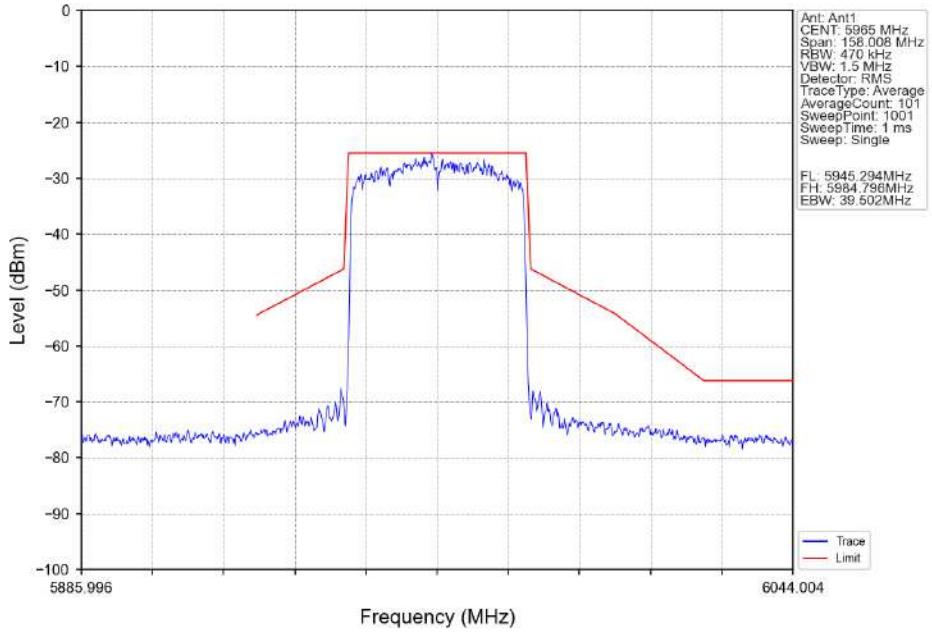
802.11ax(HEW20)_HCH_6415MHz_RU242_Left_Ant1_NTNV



802.11ax(HEW40)_LCH_5965MHz_RU484_Left_Ant1_NTNV