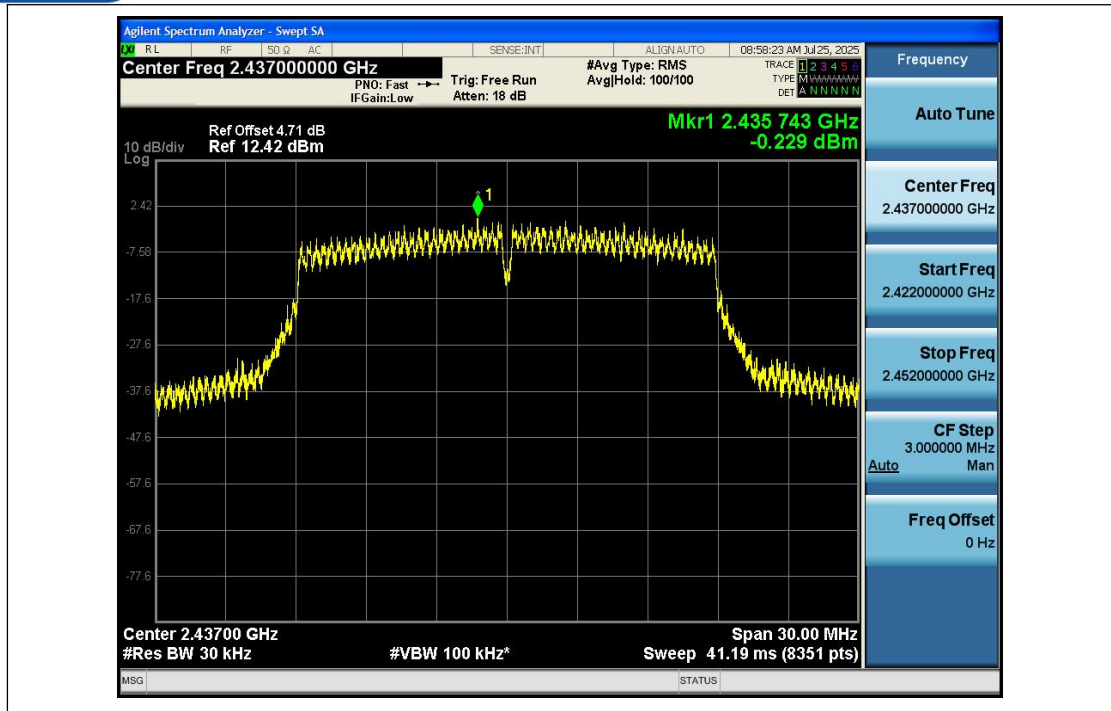
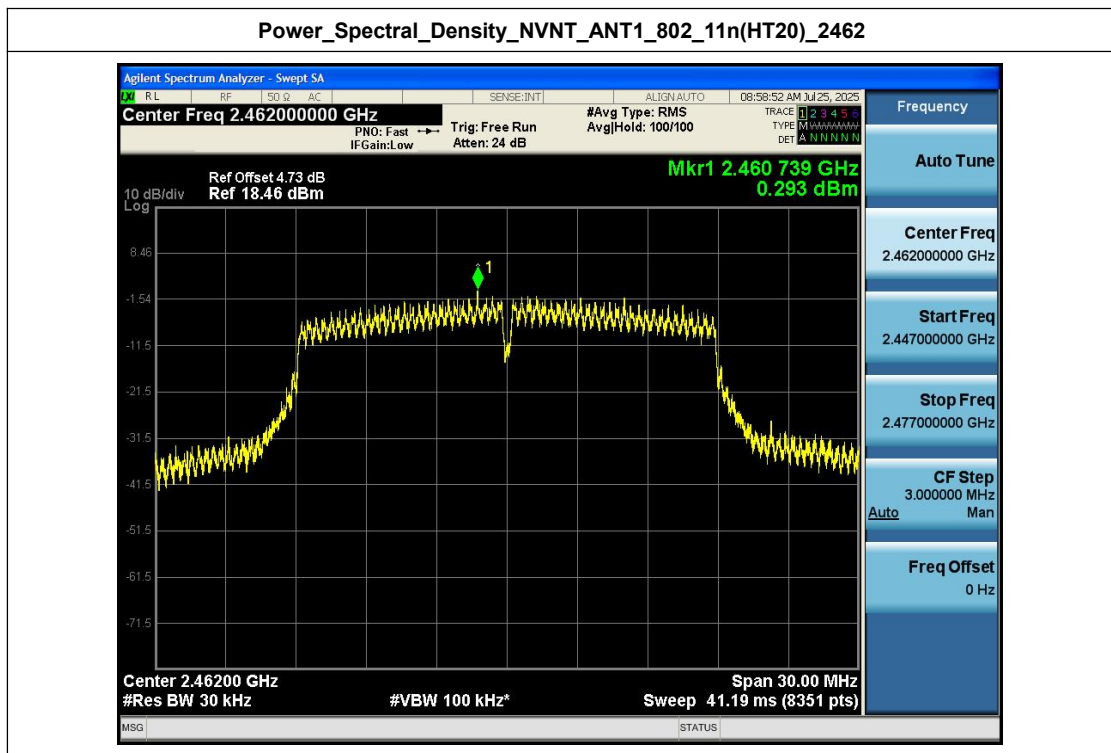




Power\_Spectral\_Density\_NVNT\_ANT1\_802\_11n(HT20)\_2462



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## Appendix F: Bandedge

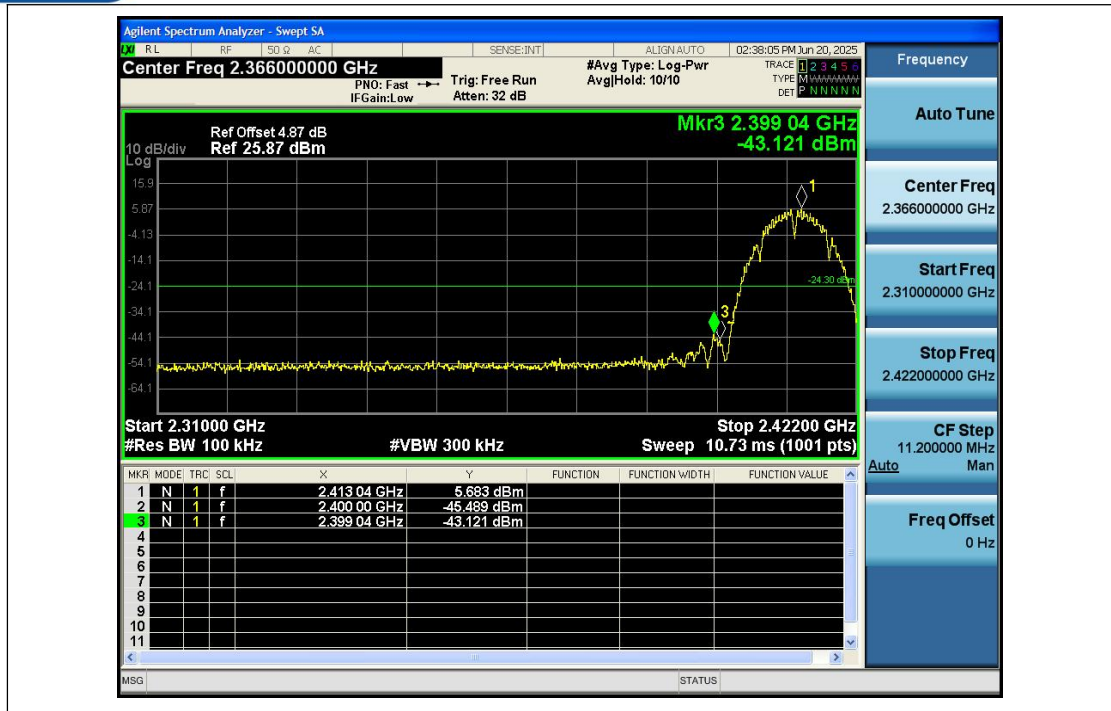
| Condition | Antenna | Modulation    | TX_Frequency (MHz) | Max. Mark_freq(MHz) | Ref_level(dBm) | Spurious level(dBm) | limit(dBm) | Result |
|-----------|---------|---------------|--------------------|---------------------|----------------|---------------------|------------|--------|
| NVNT      | ANT1    | 802.11b       | 2412.00            | 2399.040            | 5.699          | -43.121             | -24.301    | Pass   |
| NVNT      | ANT1    | 802.11b       | 2462.00            | 2498.464            | 5.624          | -51.991             | -24.376    | Pass   |
| NVNT      | ANT1    | 802.11g       | 2412.00            | 2399.824            | -2.438         | -37.487             | -32.438    | Pass   |
| NVNT      | ANT1    | 802.11g       | 2462.00            | 2483.728            | 1.090          | -43.192             | -28.910    | Pass   |
| NVNT      | ANT1    | 802.11n(HT20) | 2412.00            | 2399.488            | -3.082         | -38.283             | -33.082    | Pass   |
| NVNT      | ANT1    | 802.11n(HT20) | 2462.00            | 2483.584            | 0.628          | -38.817             | -29.372    | Pass   |

Remark:1. Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'offset' of the Spectrum Analyzer during the test.

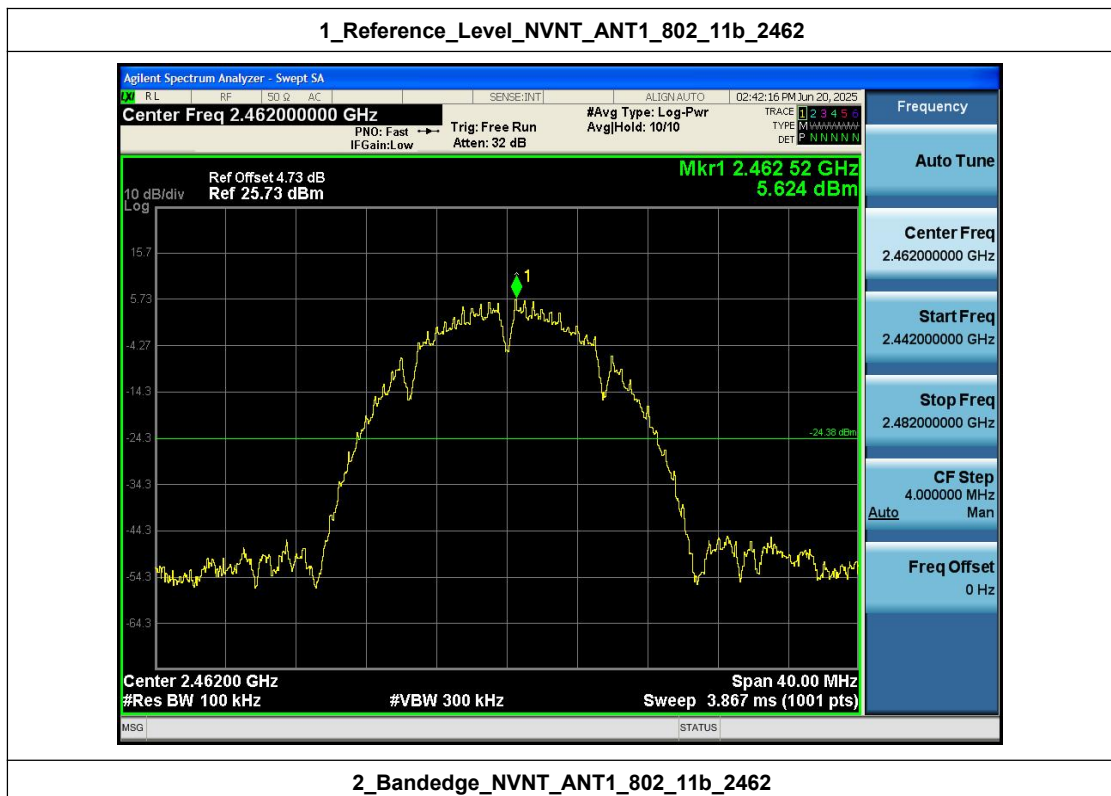
1\_Reference\_Level\_NVNT\_ANT1\_802\_11b\_2412



2\_Bandedge\_NVNT\_ANT1\_802\_11b\_2412



1\_Reference\_Level\_NVNT\_ANT1\_802\_11b\_2462

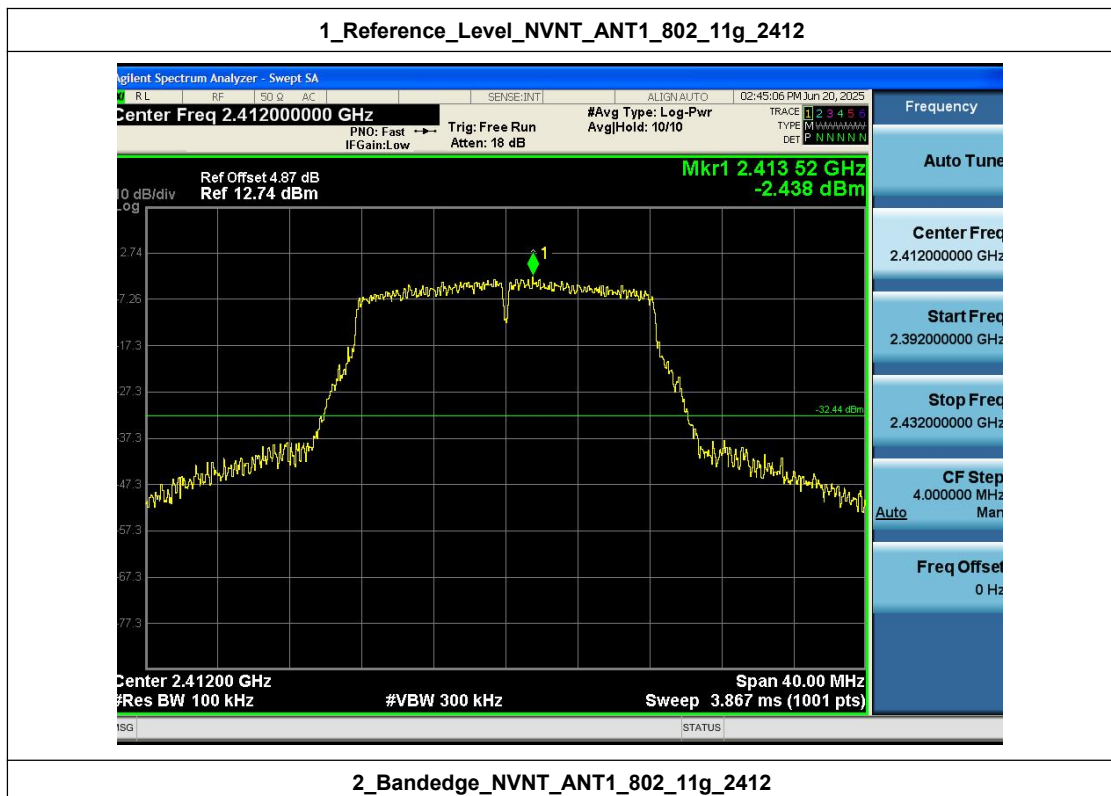


2\_Bandedge\_NVNT\_ANT1\_802\_11b\_2462

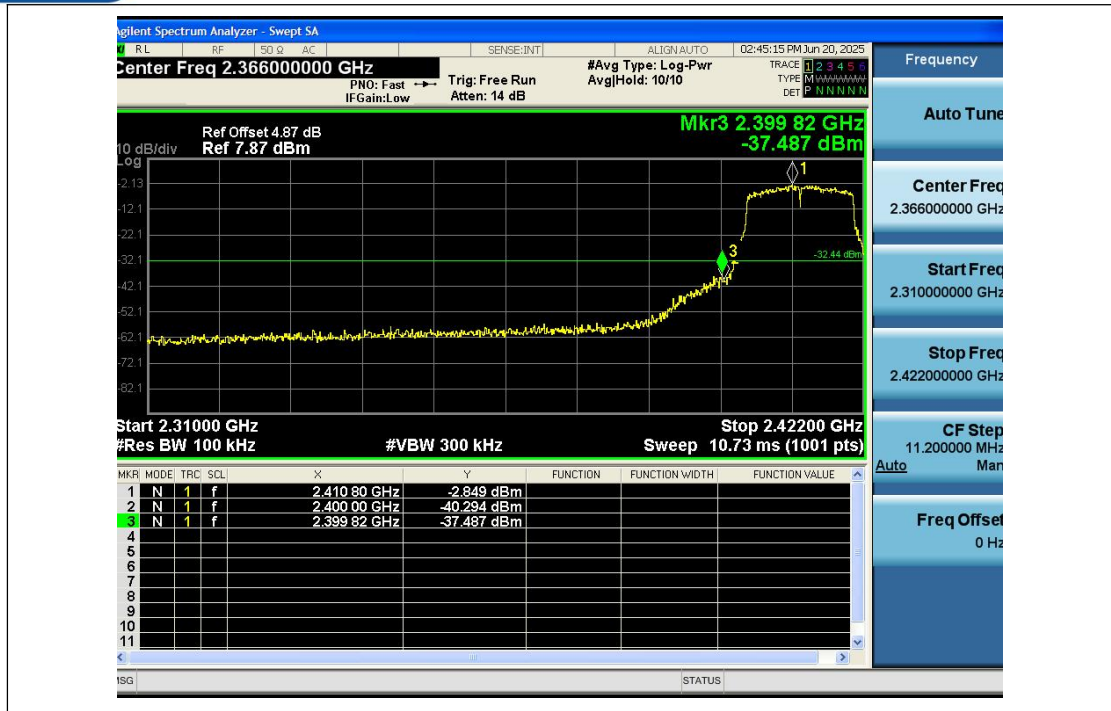




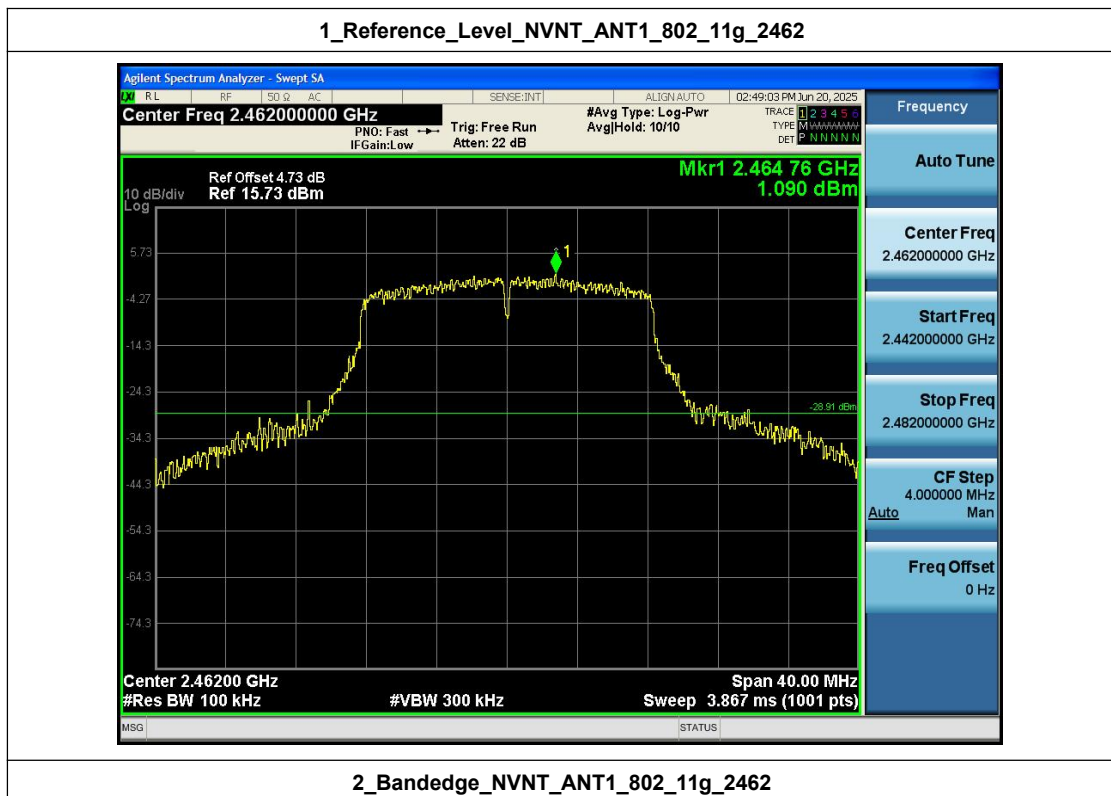
1\_Reference\_Level\_NVNT\_ANT1\_802\_11g\_2412



2\_Bandedge\_NVNT\_ANT1\_802\_11g\_2412



1\_Reference\_Level\_NVNT\_ANT1\_802\_11g\_2462



2\_Bandedge\_NVNT\_ANT1\_802\_11g\_2462

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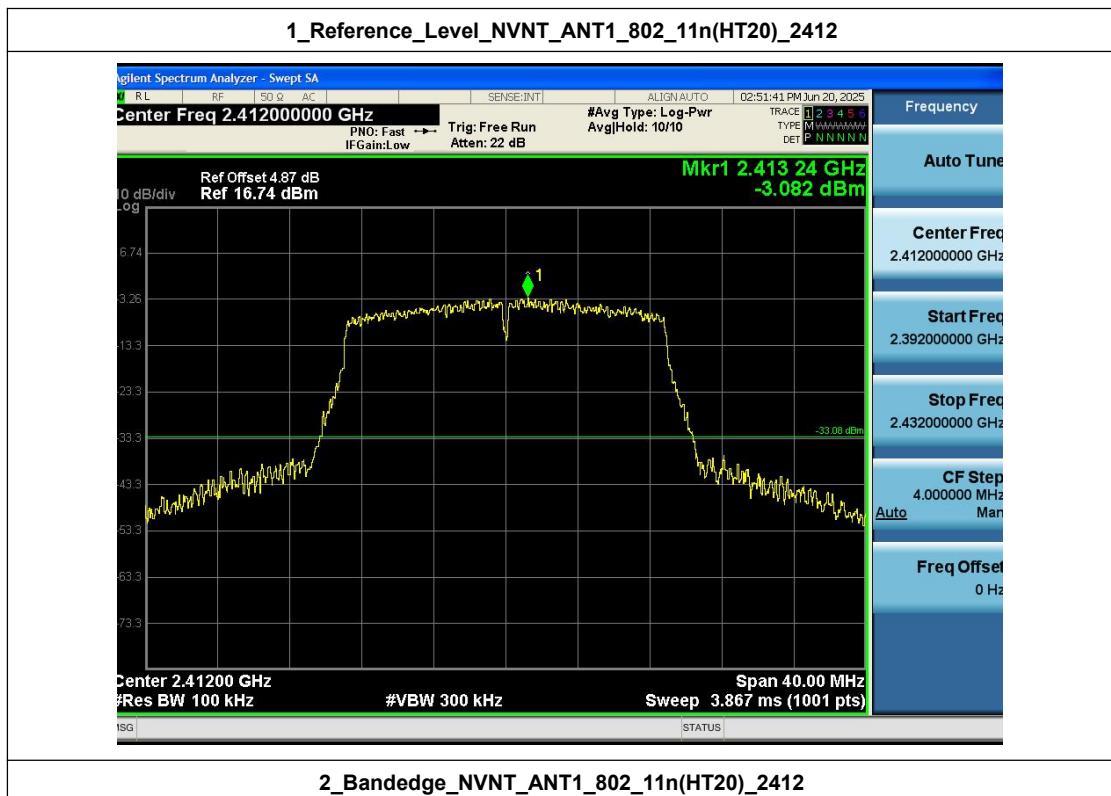


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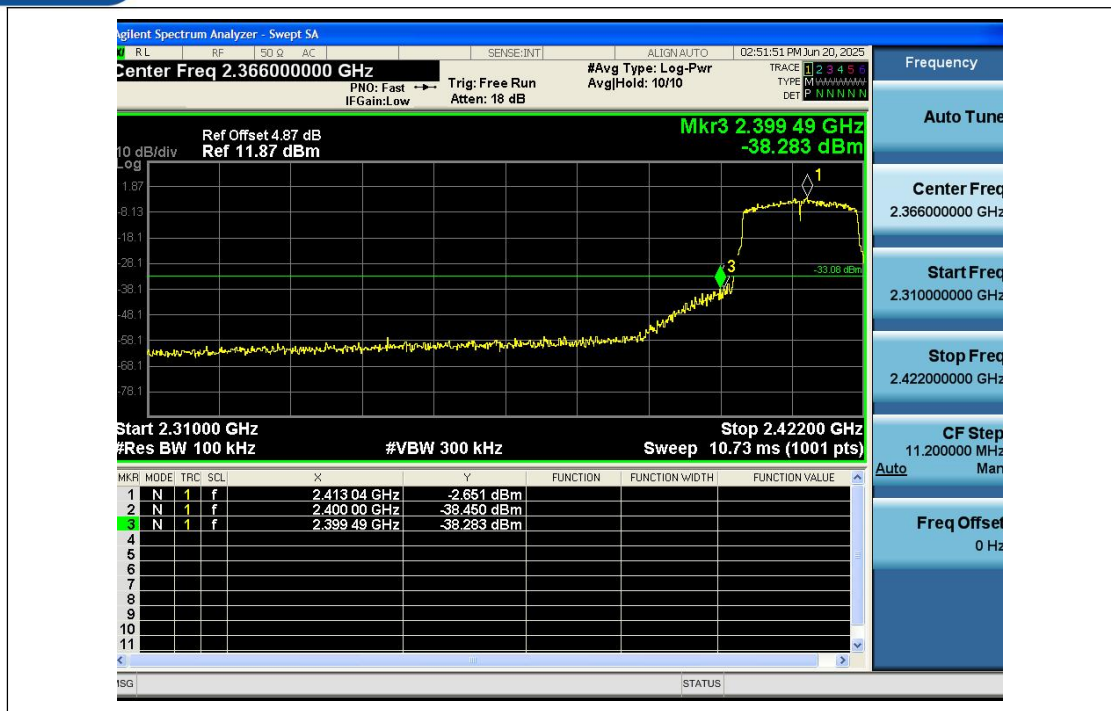




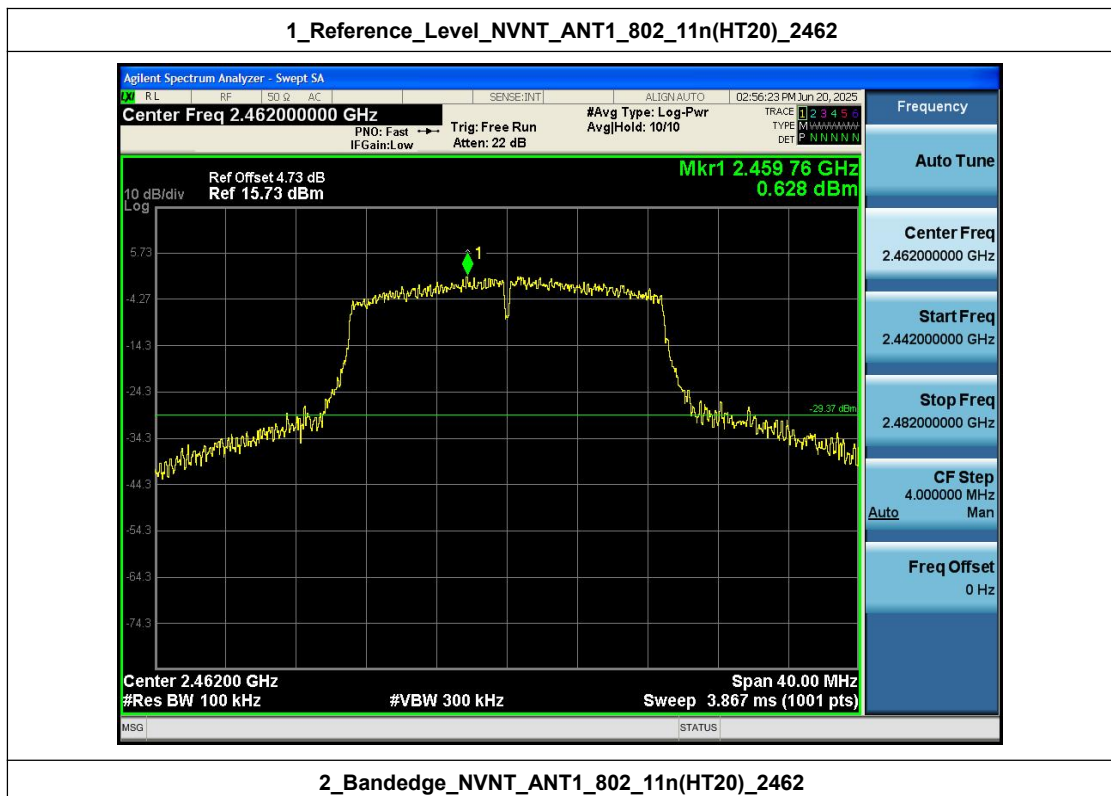
1\_Reference\_Level\_NVNT\_ANT1\_802\_11n(HT20)\_2412



2\_Bandedge\_NVNT\_ANT1\_802\_11n(HT20)\_2412



1\_Reference\_Level\_NVNT\_ANT1\_802\_11n(HT20)\_2462



2\_Bandedge\_NVNT\_ANT1\_802\_11n(HT20)\_2462



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## Appendix G: Spurious Emission

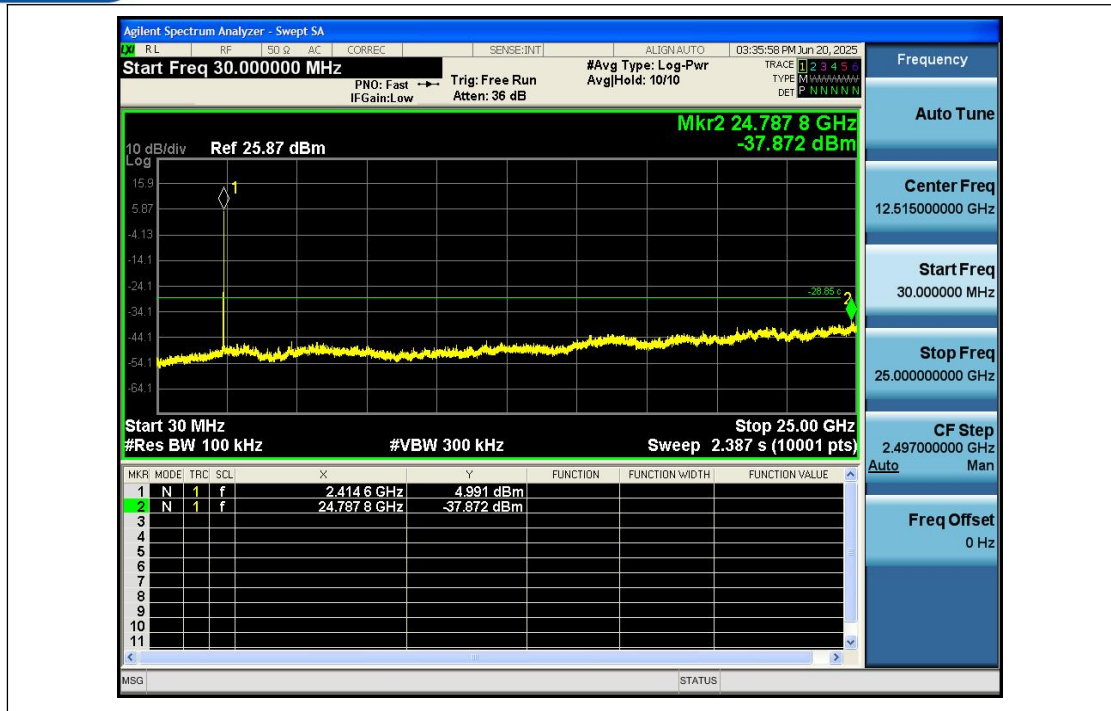
| Condition | Antenna | Modulation    | TX_Frequency (MHz) | Max. Mark_freq(MHz) | Ref_level(dBm) | Spurious level(dBm) | limit(dBm) | Result |
|-----------|---------|---------------|--------------------|---------------------|----------------|---------------------|------------|--------|
| NVNT      | ANT1    | 802.11b       | 2412.00            | 24787.755           | 6.024          | -37.872             | -23.976    | Pass   |
| NVNT      | ANT1    | 802.11b       | 2437.00            | 24912.605           | 5.112          | -38.375             | -24.888    | Pass   |
| NVNT      | ANT1    | 802.11b       | 2462.00            | 24295.846           | 11.002         | -38.184             | -18.998    | Pass   |
| NVNT      | ANT1    | 802.11g       | 2412.00            | 24051.140           | 6.484          | -47.429             | -23.516    | Pass   |
| NVNT      | ANT1    | 802.11g       | 2437.00            | 24962.545           | 1.478          | -42.754             | -28.522    | Pass   |
| NVNT      | ANT1    | 802.11g       | 2462.00            | 24797.743           | 5.841          | -47.127             | -24.159    | Pass   |
| NVNT      | ANT1    | 802.11n(HT20) | 2412.00            | 24795.246           | 0.884          | -47.122             | -29.116    | Pass   |
| NVNT      | ANT1    | 802.11n(HT20) | 2437.00            | 24982.521           | 0.250          | -47.083             | -29.750    | Pass   |
| NVNT      | ANT1    | 802.11n(HT20) | 2462.00            | 24620.456           | 0.773          | -47.419             | -29.227    | Pass   |

Note:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

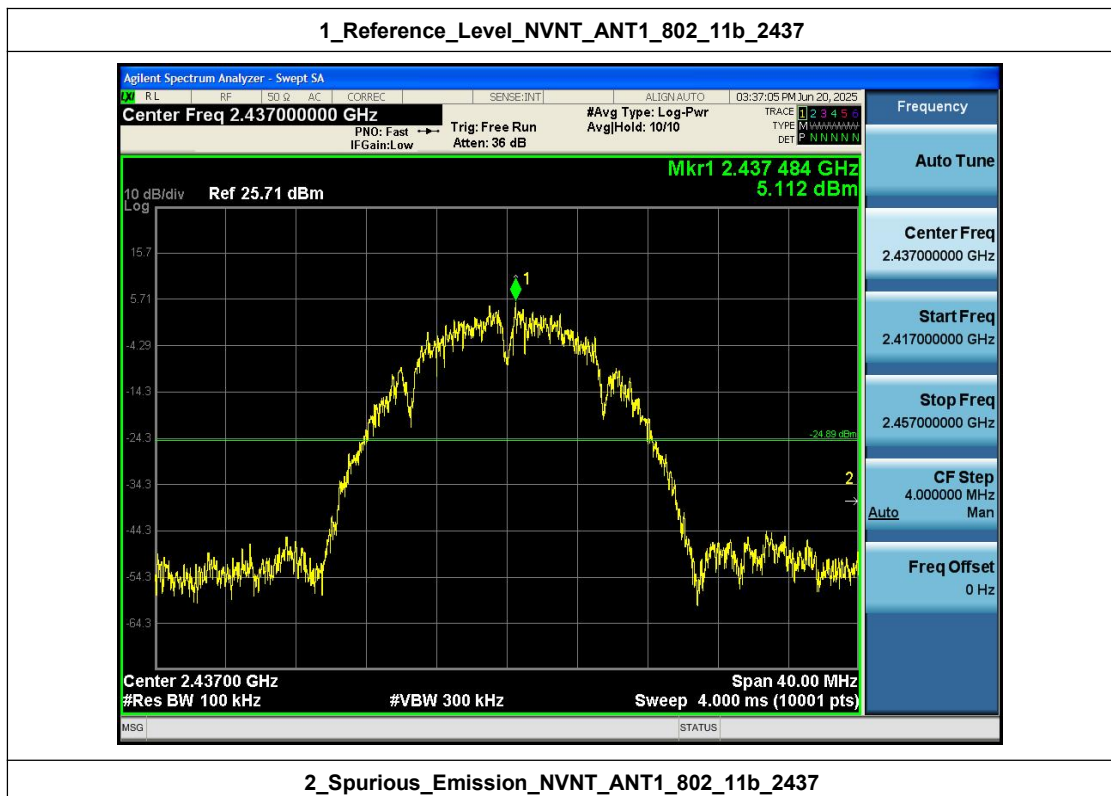
1\_Reference\_Level\_NVNT\_ANT1\_802\_11b\_2412



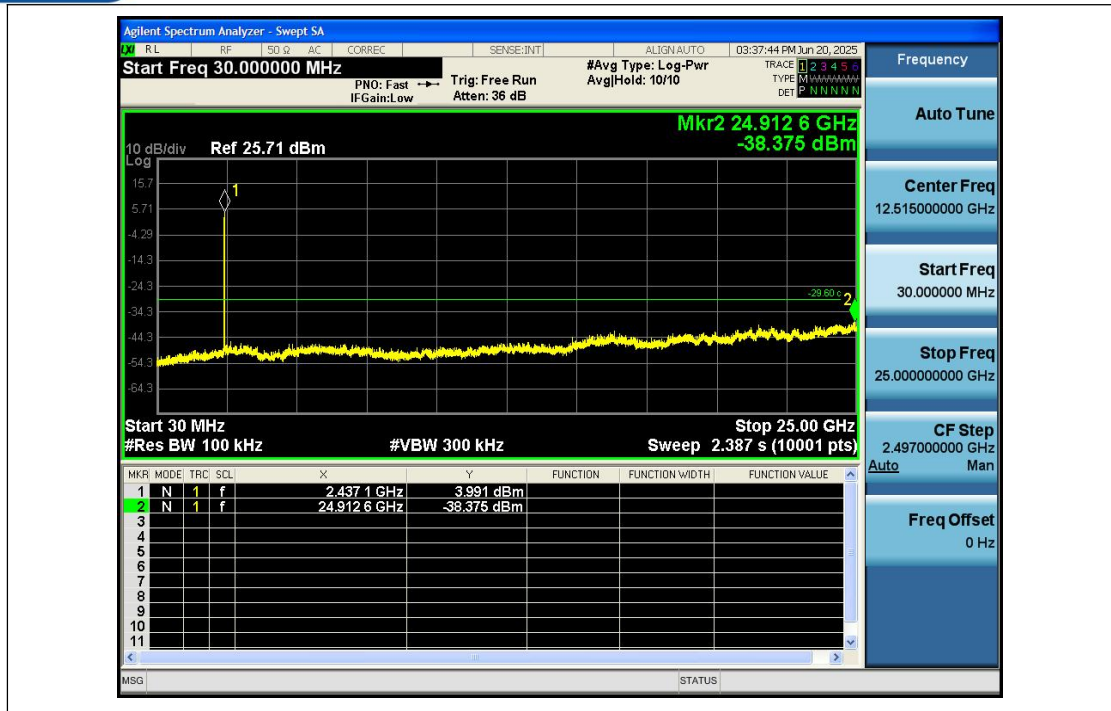
2\_Spurious\_Emission\_NVNT\_ANT1\_802\_11b\_2412



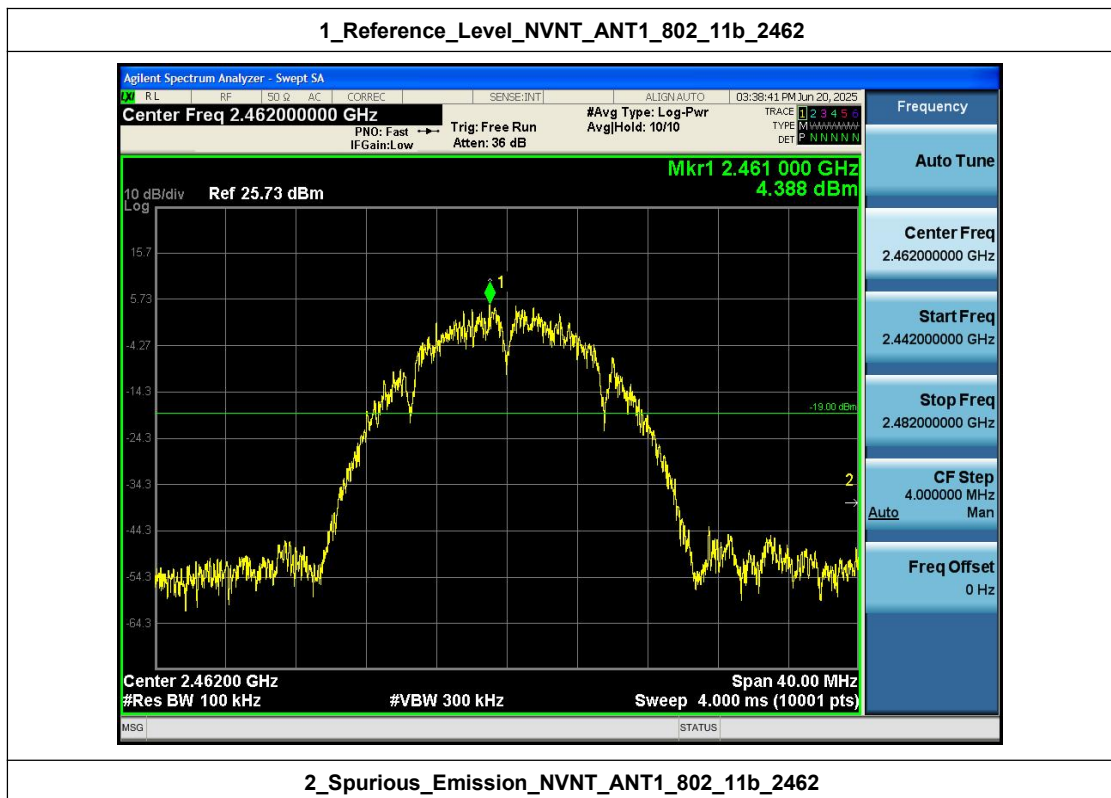
1\_Reference\_Level\_NVNT\_ANT1\_802\_11b\_2437



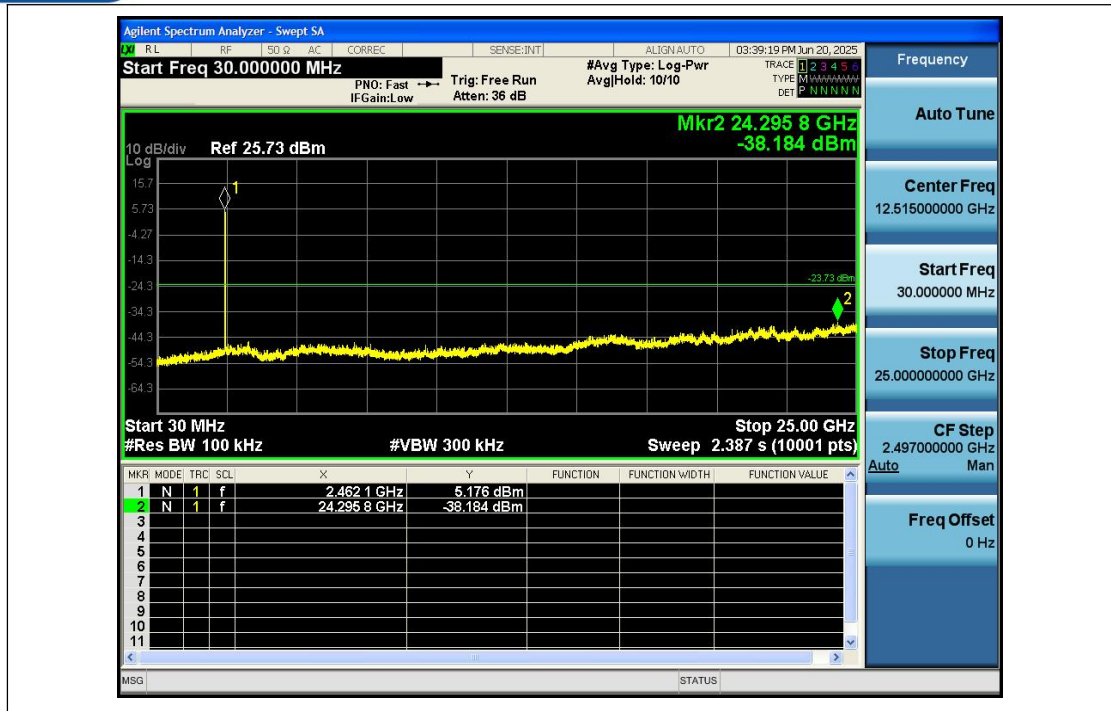
2\_Spurious\_Emission\_NVNT\_ANT1\_802\_11b\_2437



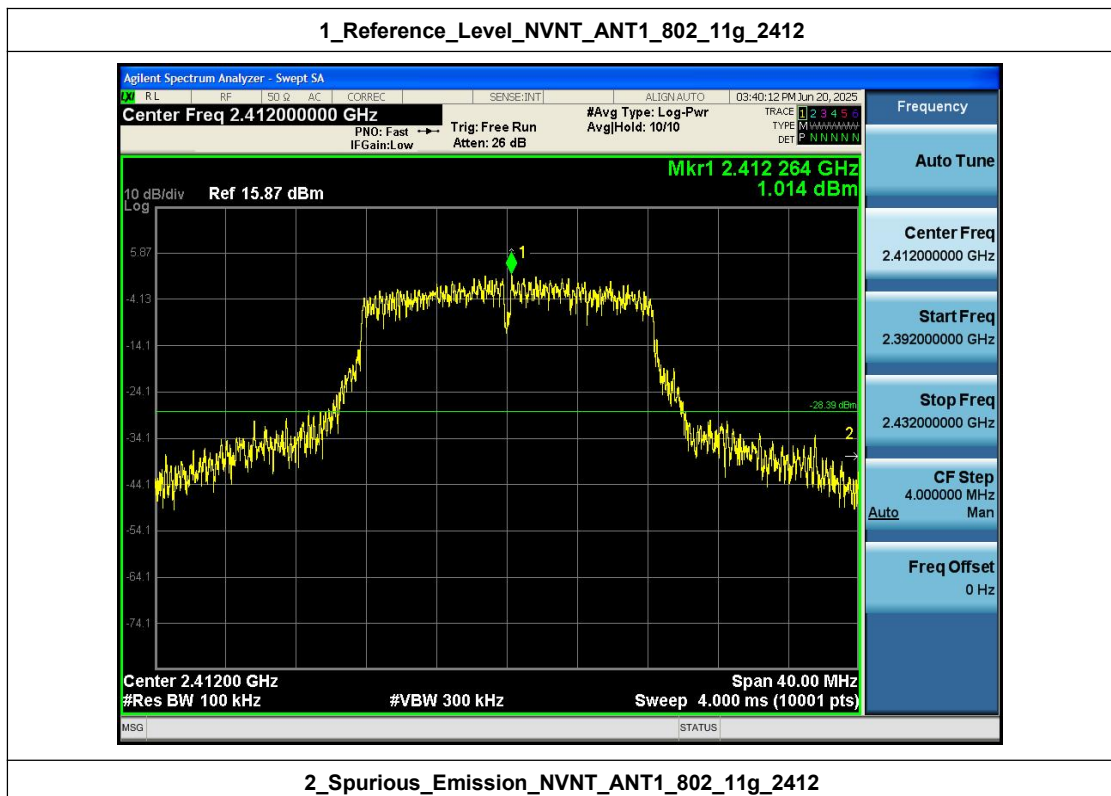
1\_Reference\_Level\_NVNT\_ANT1\_802\_11b\_2462



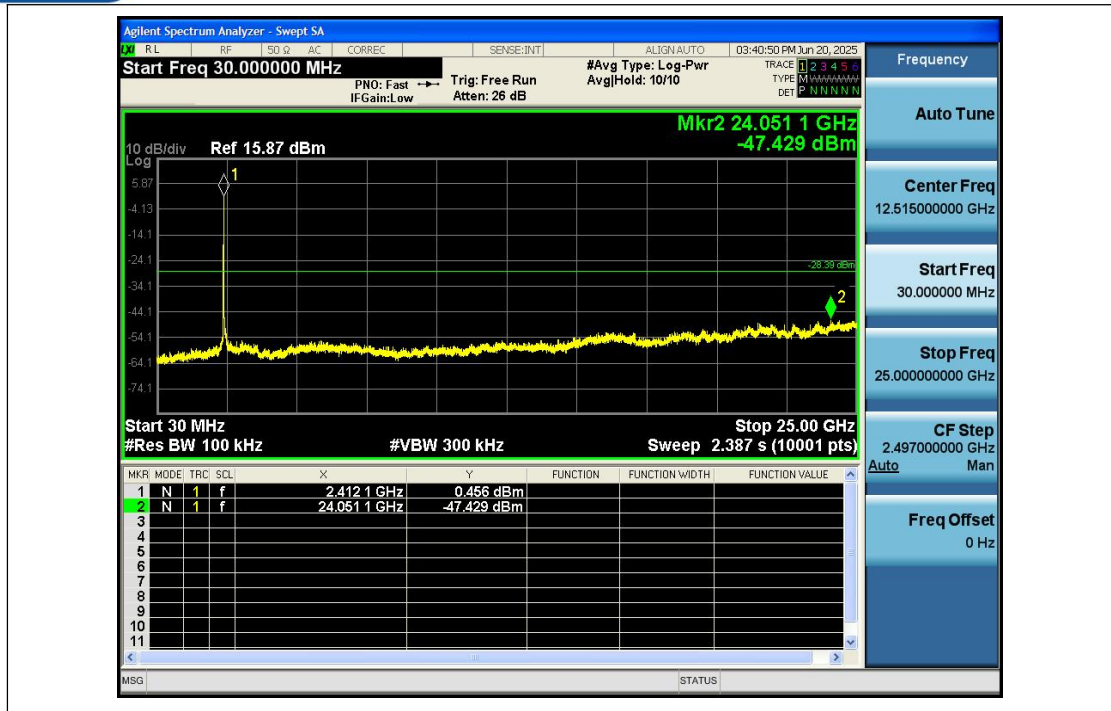
2\_Spurious\_Emission\_NVNT\_ANT1\_802\_11b\_2462



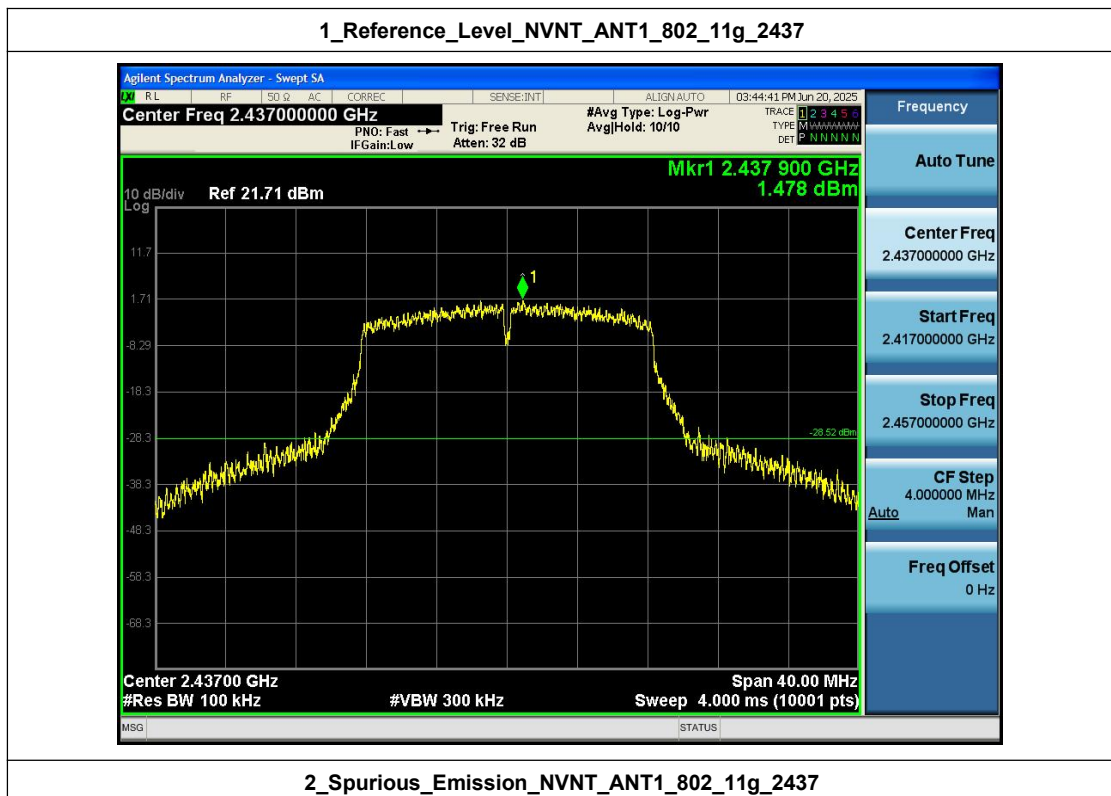
1\_Reference\_Level\_NVNT\_ANT1\_802\_11g\_2412



2\_Spurious\_Emission\_NVNT\_ANT1\_802\_11g\_2412

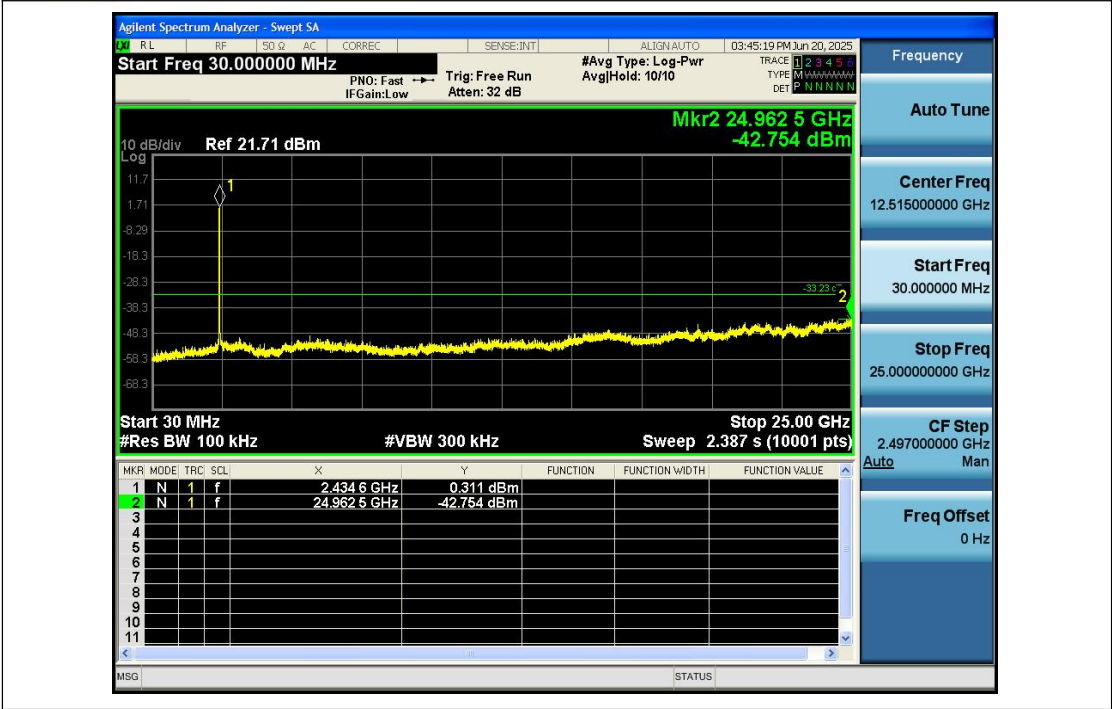


1\_Reference\_Level\_NVNT\_ANT1\_802\_11g\_2437

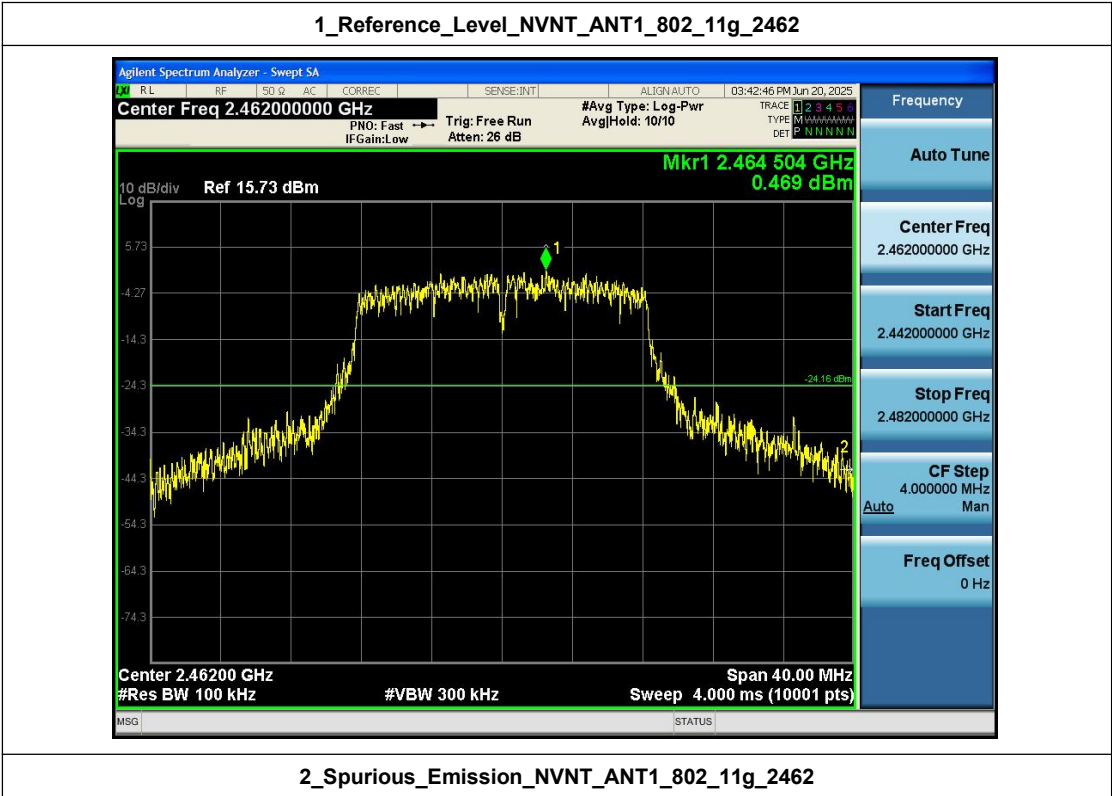


2\_Spurious\_Emission\_NVNT\_ANT1\_802\_11g\_2437

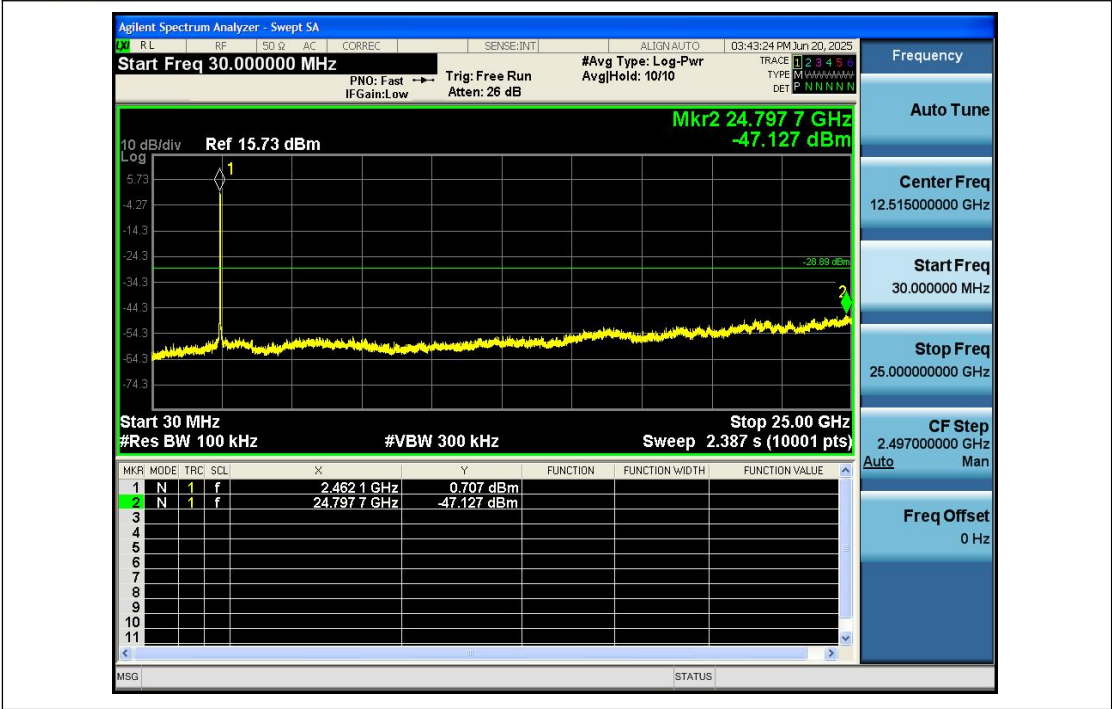




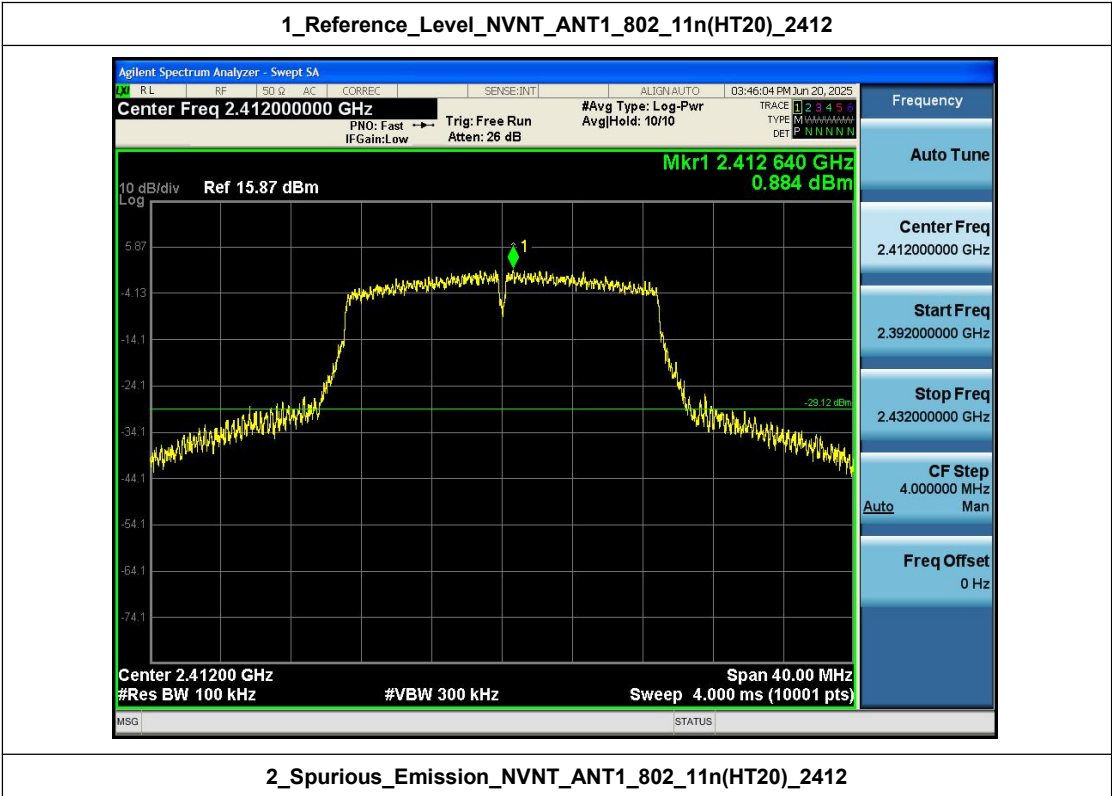
1\_Reference\_Level\_NVNT\_ANT1\_802\_11g\_2462



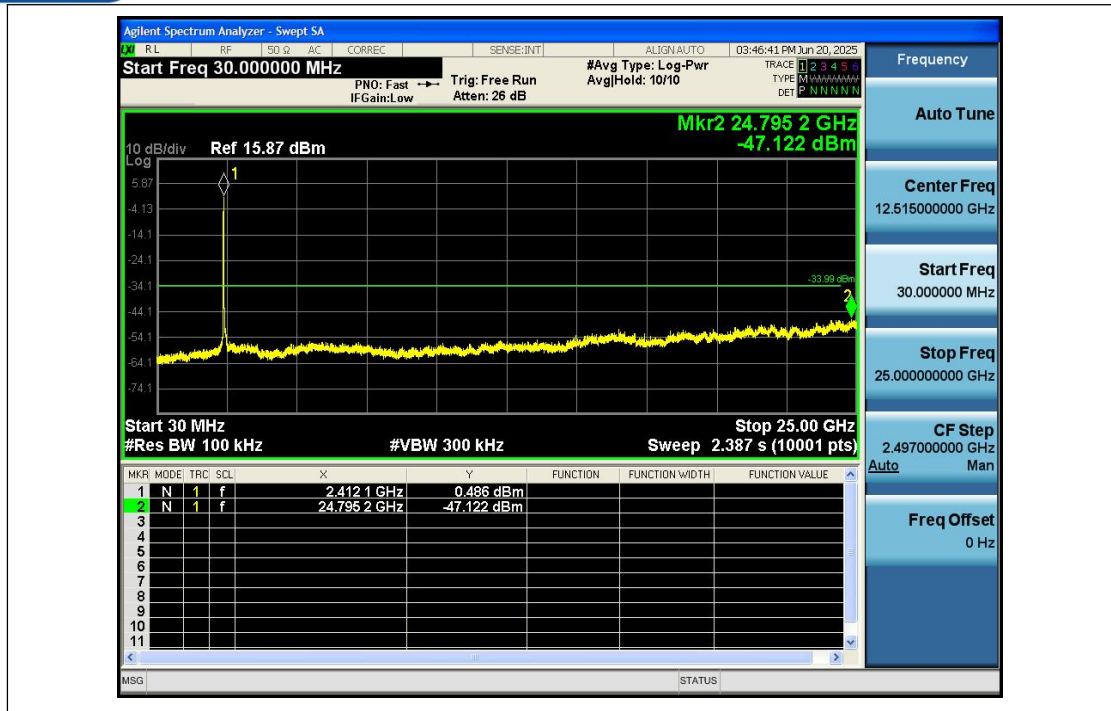
2\_Spurious\_Emission\_NVNT\_ANT1\_802\_11g\_2462



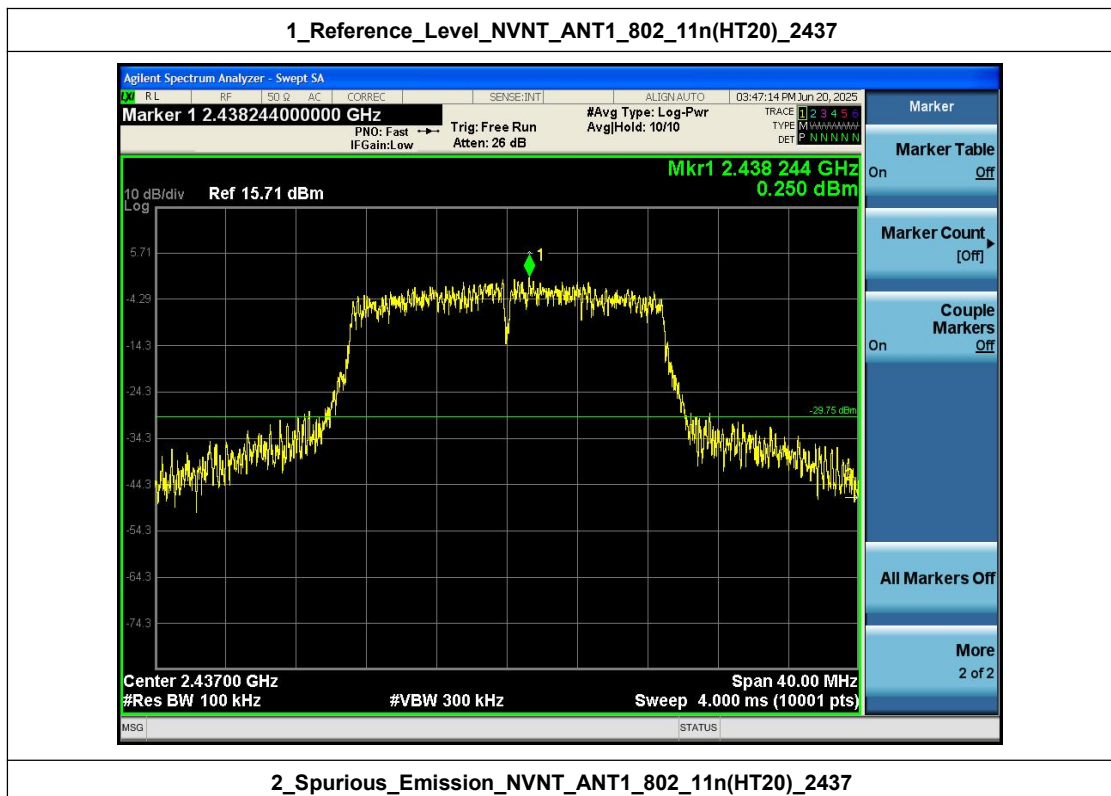
1\_Reference\_Level\_NVNT\_ANT1\_802\_11n(HT20)\_2412



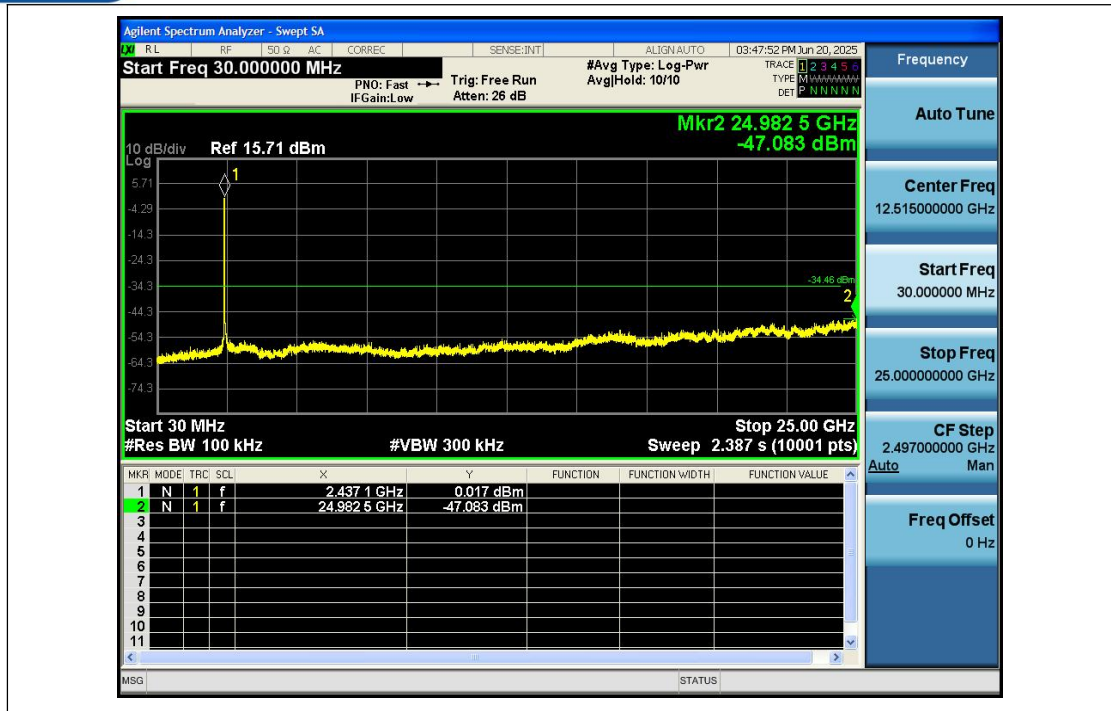
2\_Spurious\_Emission\_NVNT\_ANT1\_802\_11n(HT20)\_2412



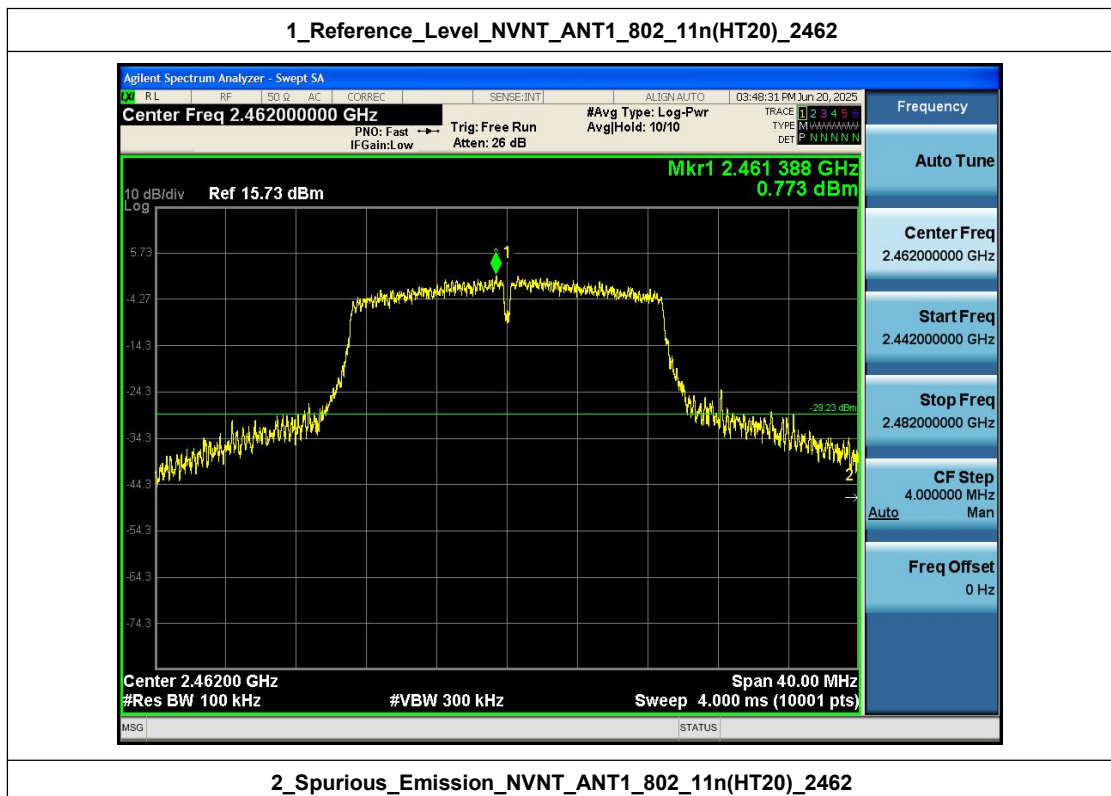
1\_Reference\_Level\_NVNT\_ANT1\_802\_11n(HT20)\_2437



2\_Spurious\_Emission\_NVNT\_ANT1\_802\_11n(HT20)\_2437

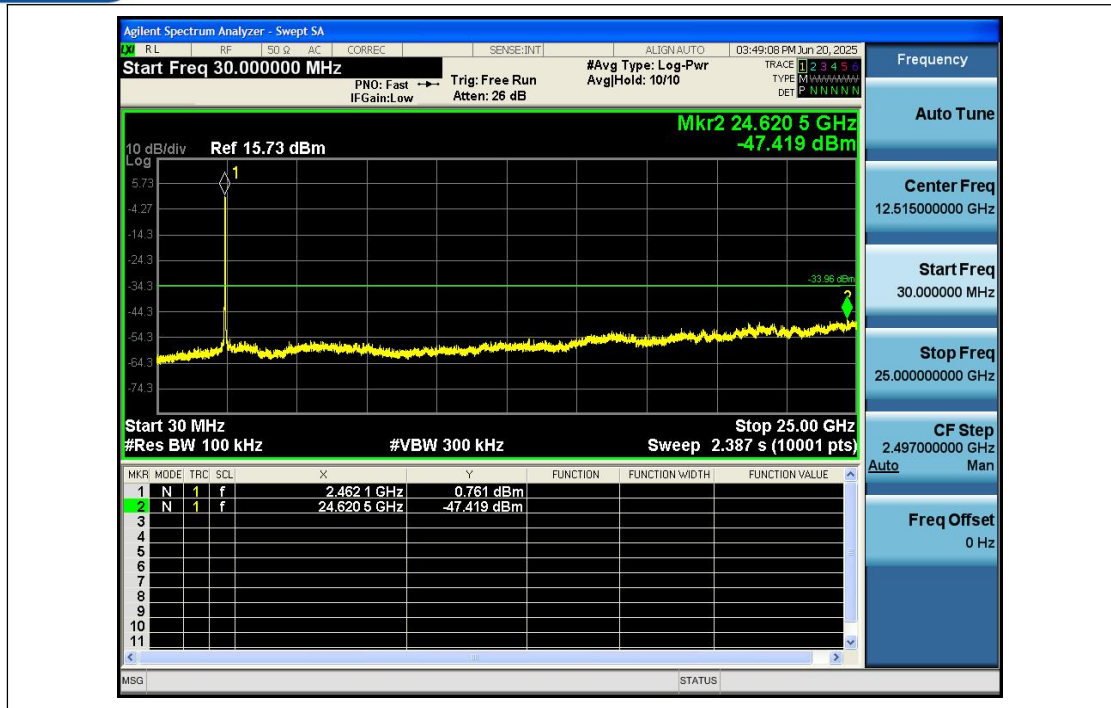


1\_Reference\_Level\_NVNT\_ANT1\_802\_11n(HT20)\_2462



2\_Spurious\_Emission\_NVNT\_ANT1\_802\_11n(HT20)\_2462





---END---

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