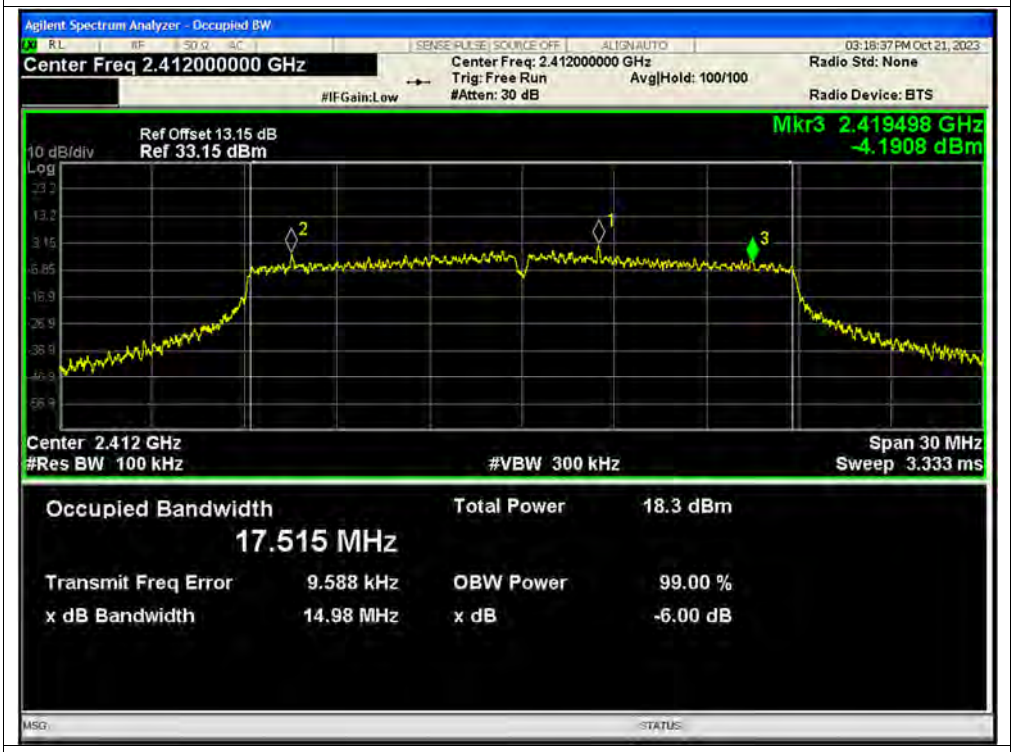
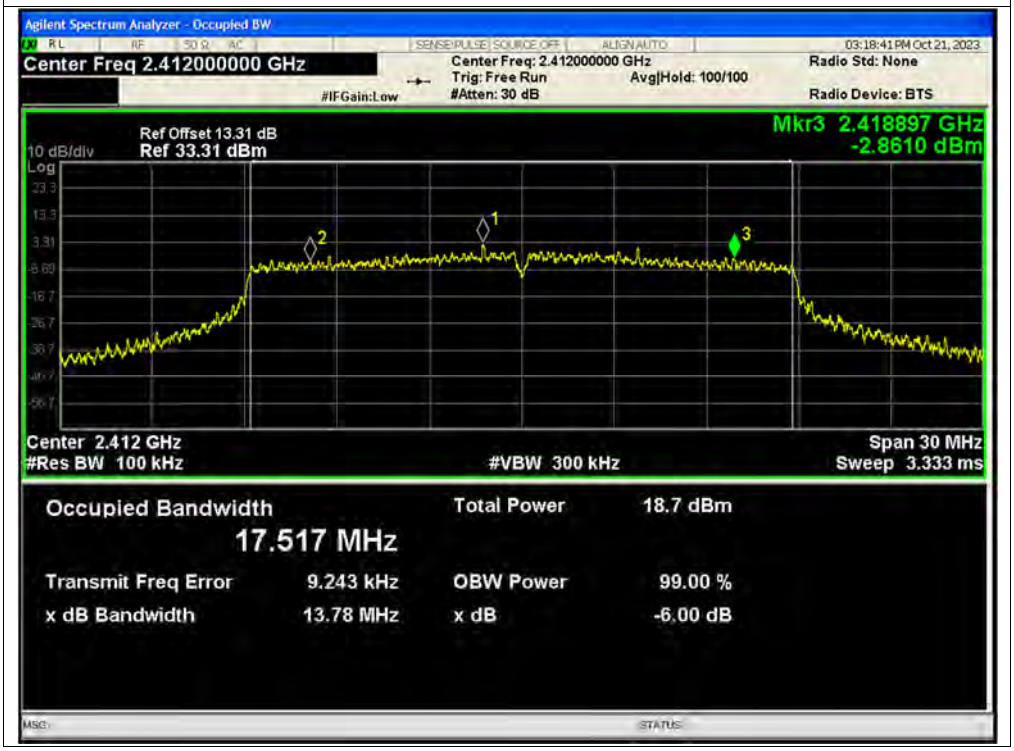
-6dB Bandwidth NVNT n20 2412MHz Ant1 MIMO



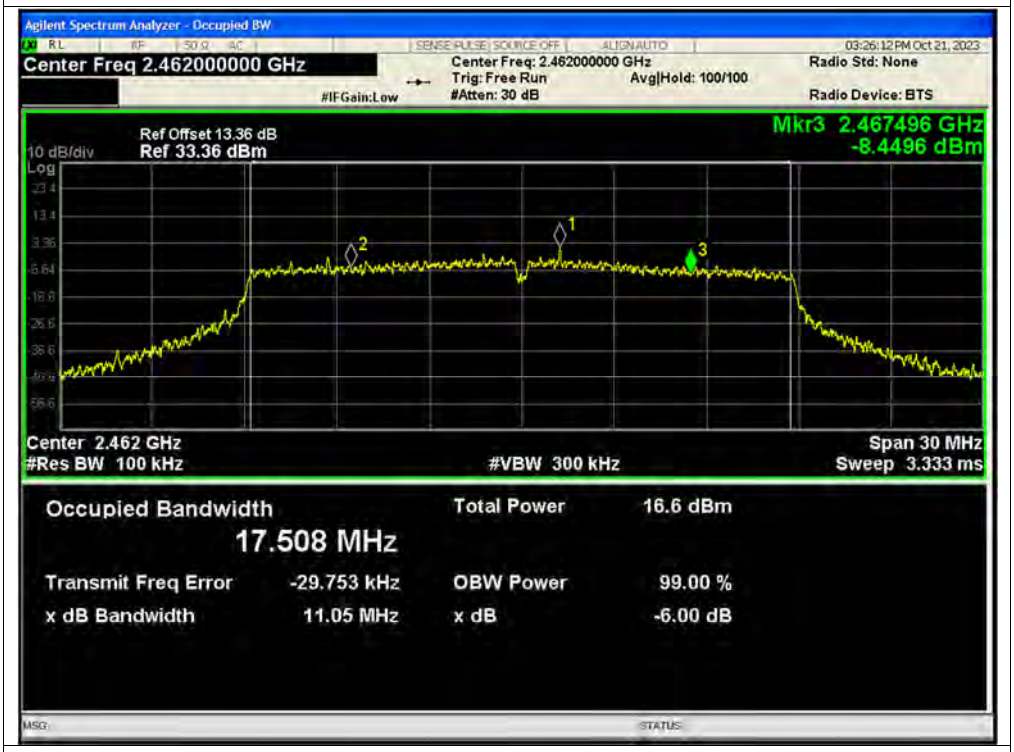

-6dB Bandwidth NVNT n20 2412MHz Ant2 MIMO



-6dB Bandwidth NVNT n20 2437MHz Ant1 MIMO

-6dB Bandwidth NVNT n20 2437MHz Ant2 MIMO

-6dB Bandwidth NVNT n20 2462MHz Ant1 MIMO




-6dB Bandwidth NVNT n20 2462MHz Ant2 MIMO

-6dB Bandwidth NVNT n40 2422MHz Ant1 SISO

-6dB Bandwidth NVNT n40 2437MHz Ant1 SISO

-6dB Bandwidth NVNT n40 2452MHz Ant1 SISO

-6dB Bandwidth NVNT n40 2422MHz Ant2 SISO

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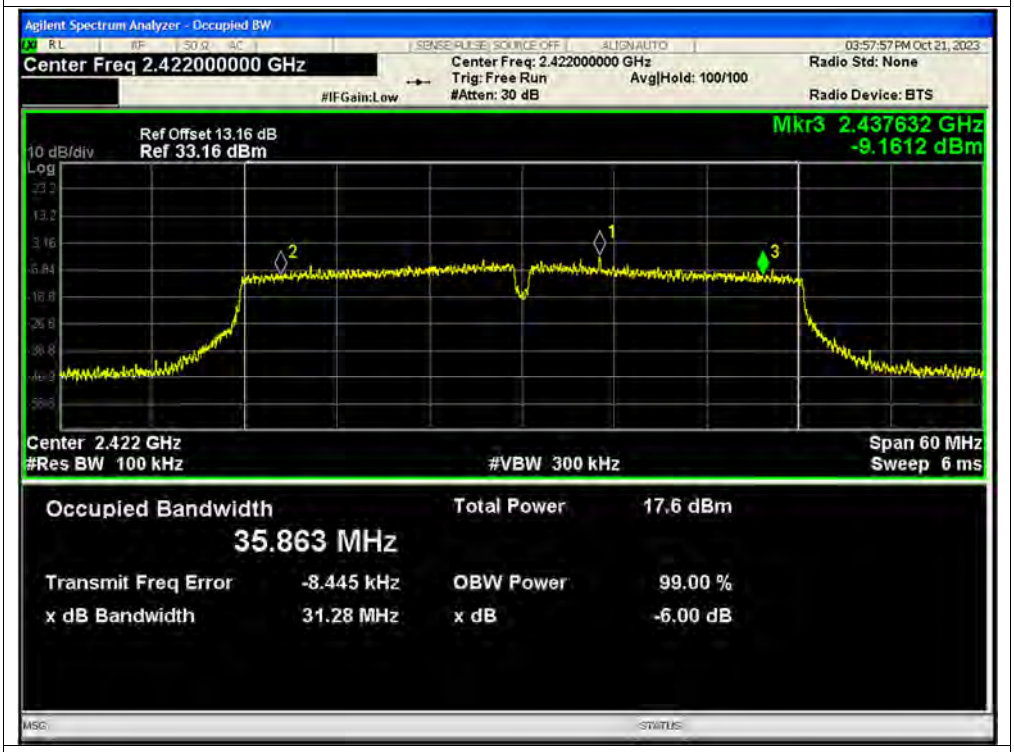


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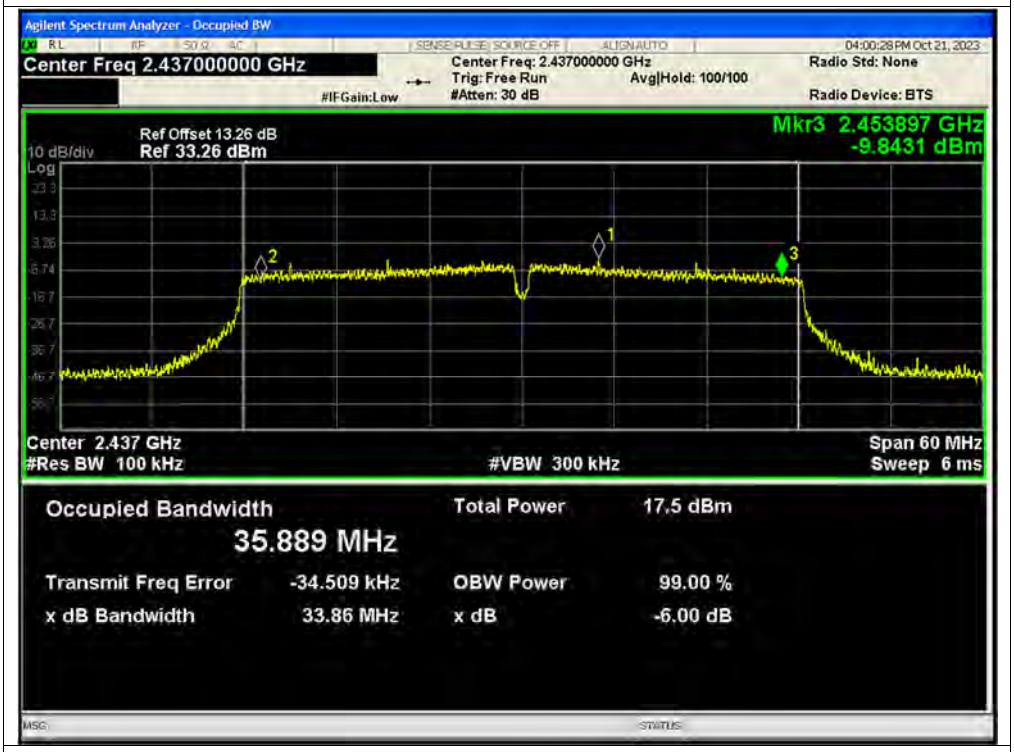


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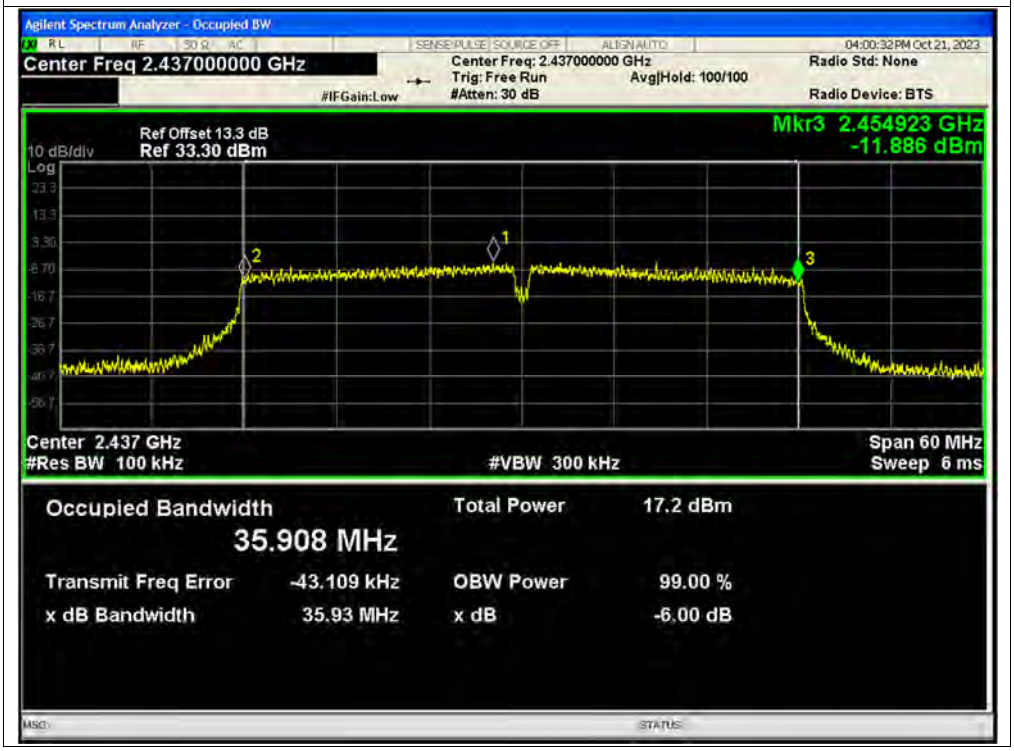

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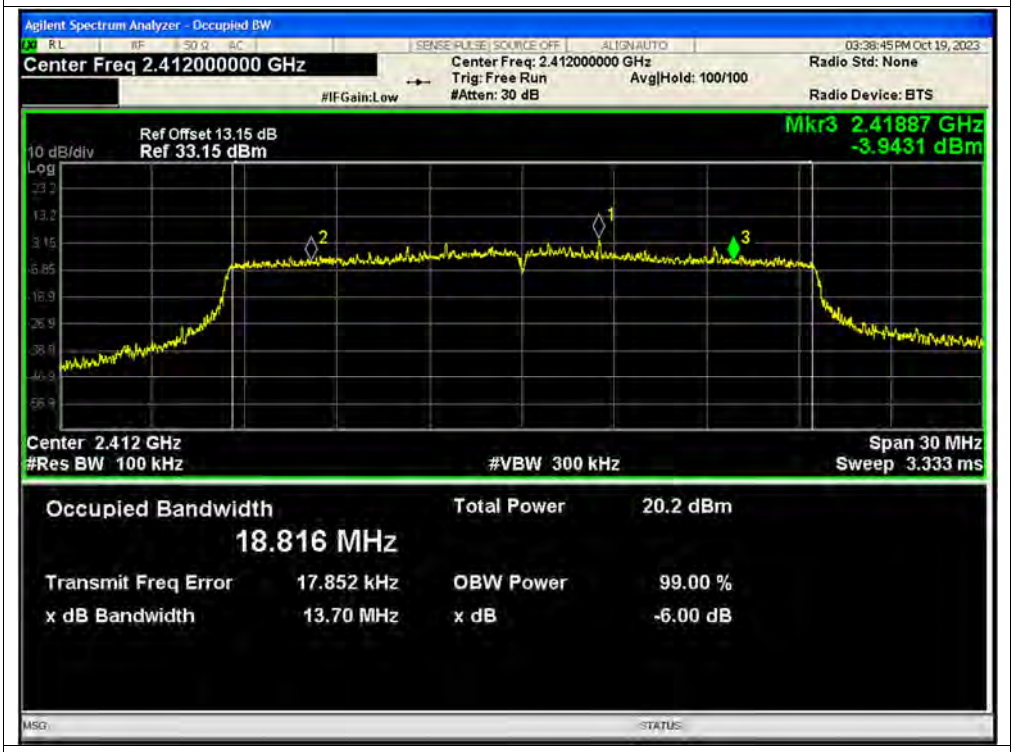
-6dB Bandwidth NVNT n40 2452MHz Ant2 MIMO

-6dB Bandwidth NVNT ax20 2412MHz Ant1 SISO

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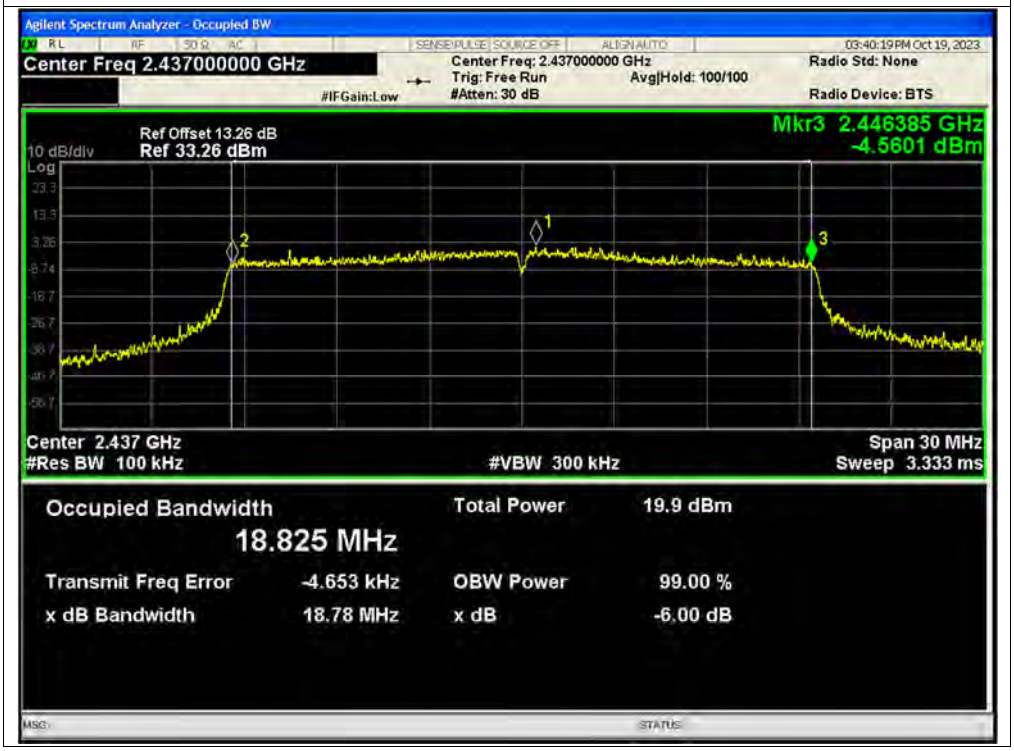

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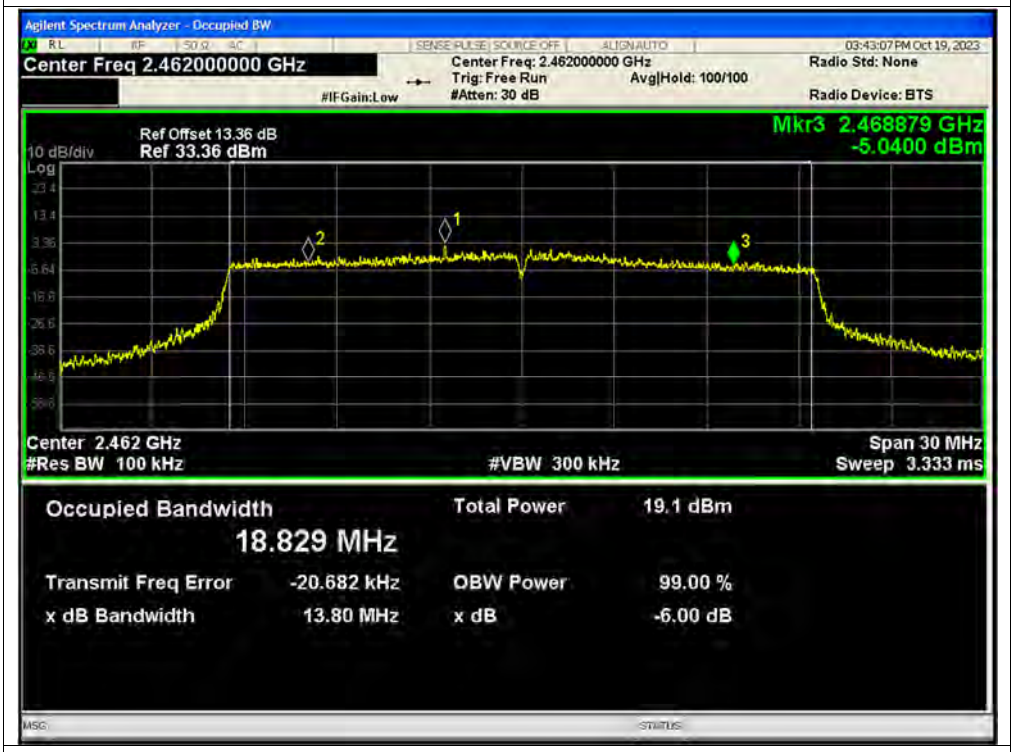
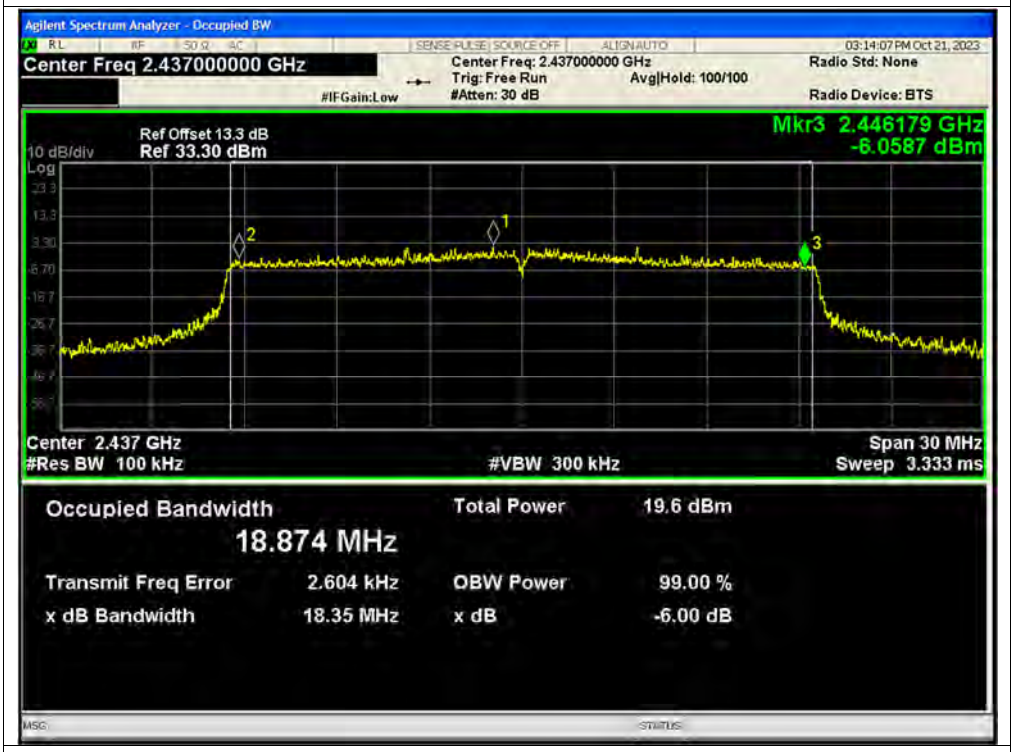



-6dB Bandwidth NVNT ax20 2412MHz Ant2 SISO

-6dB Bandwidth NVNT ax20 2437MHz Ant2 SISO

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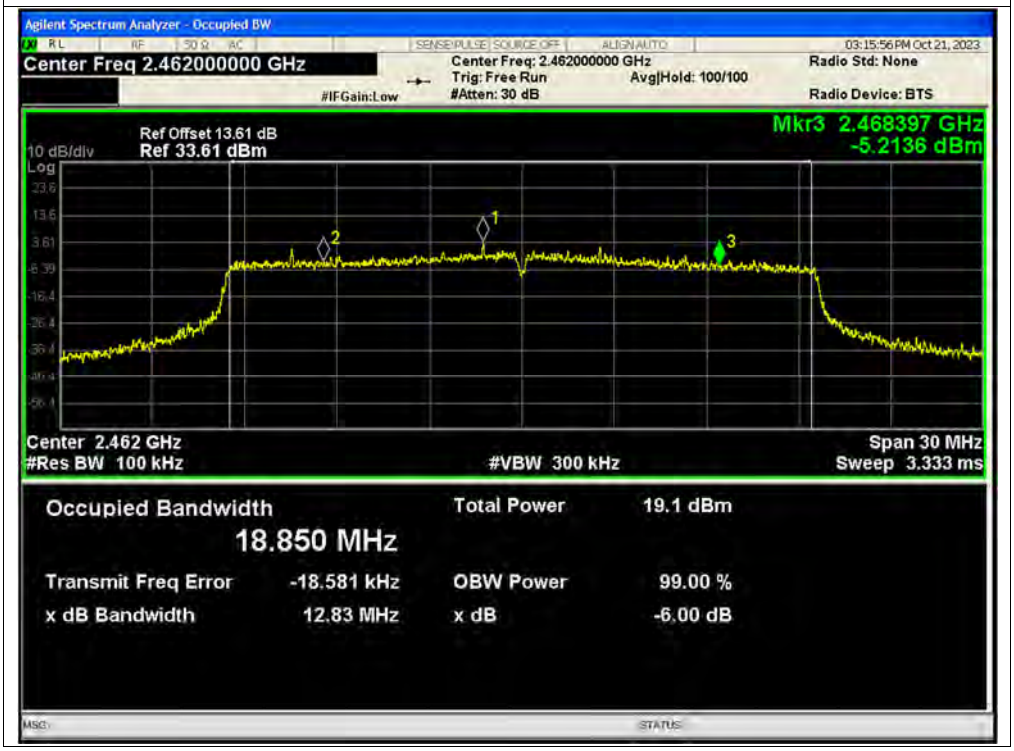

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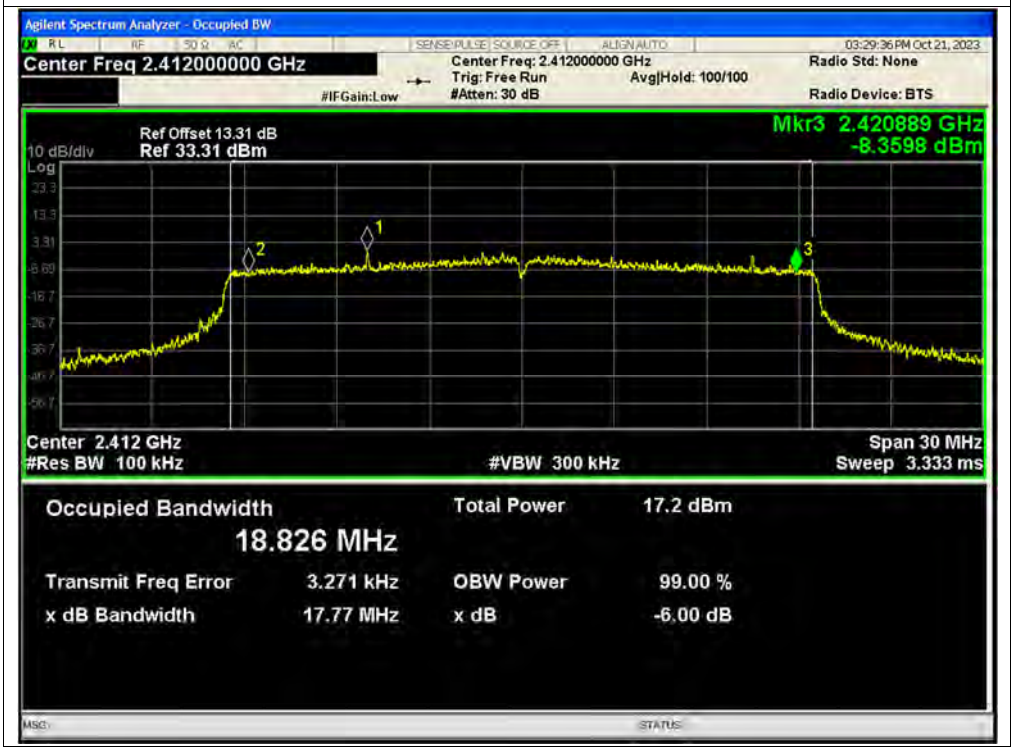
-6dB Bandwidth NVNT ax20 2412MHz Ant2 MIMO



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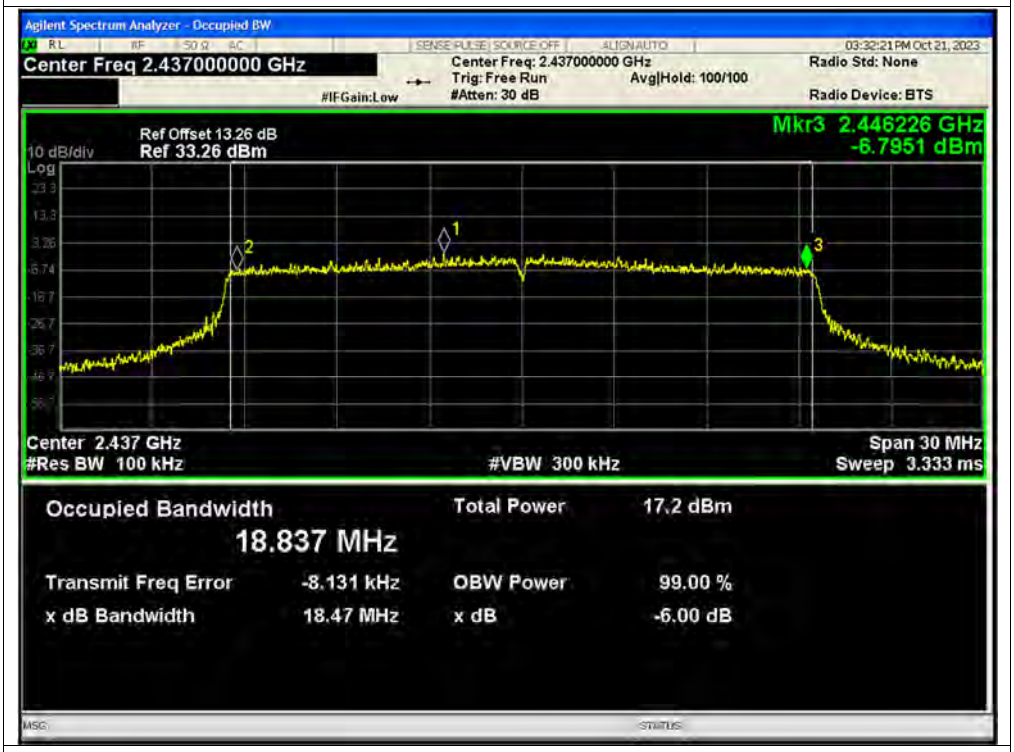


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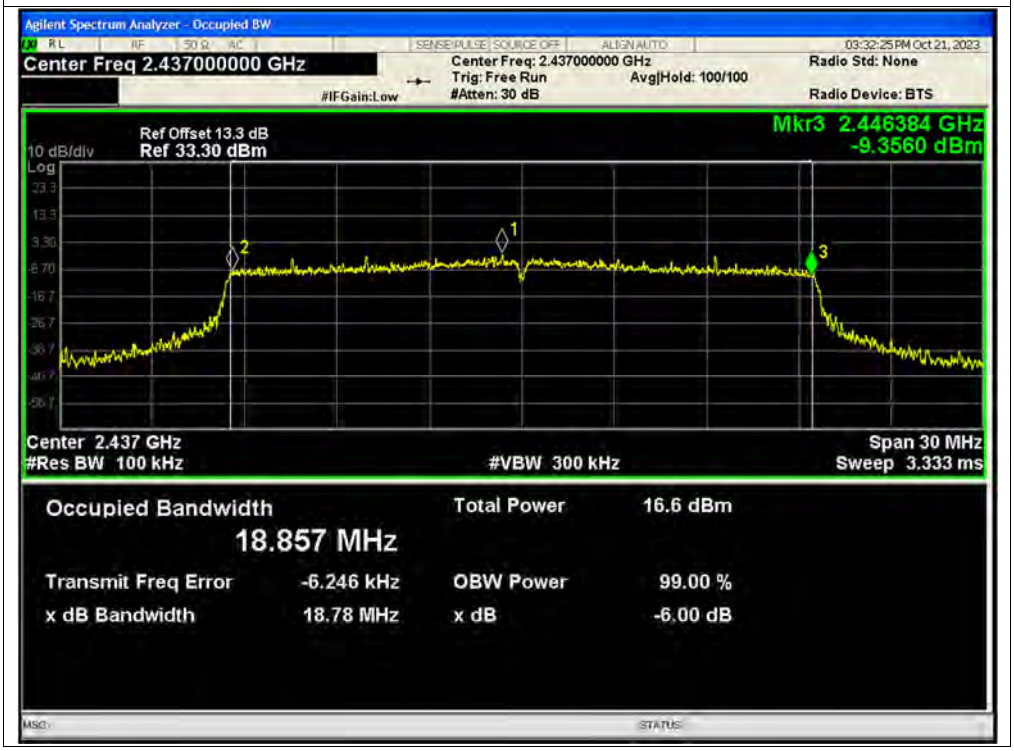
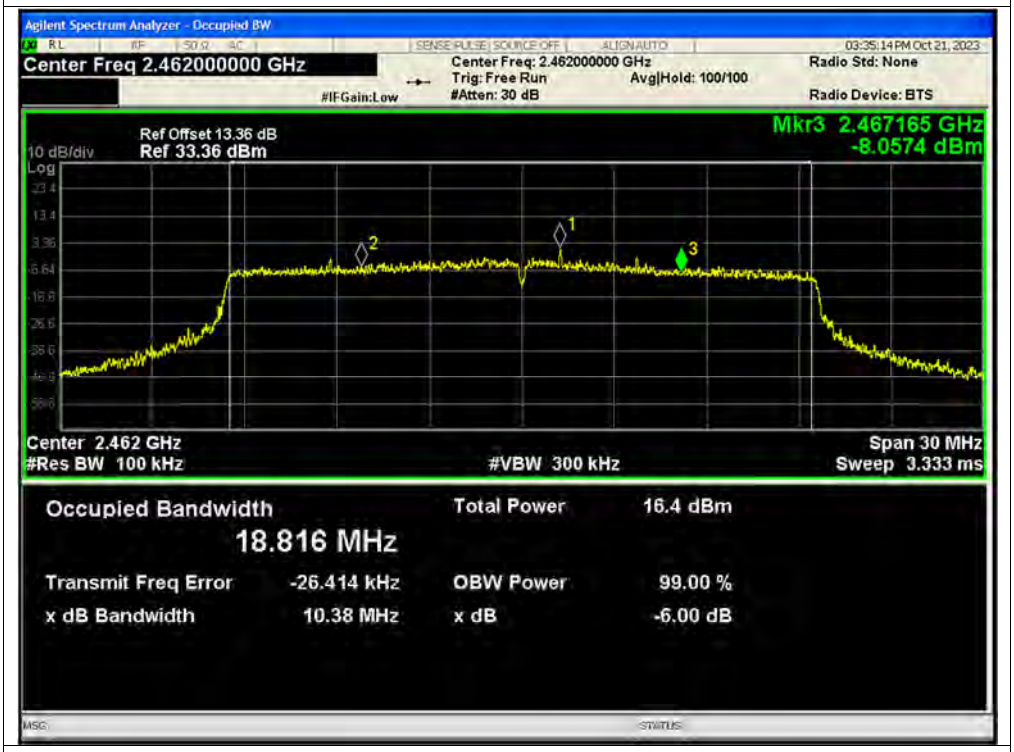
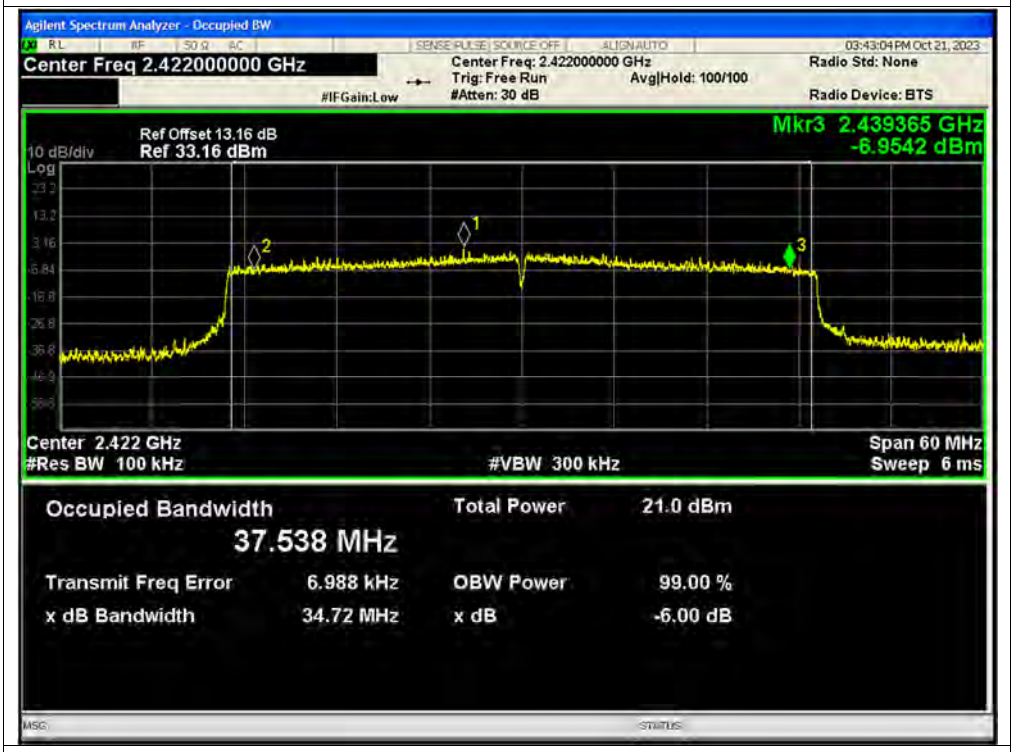


-6dB Bandwidth NVNT ax20 2462MHz Ant1 MIMO



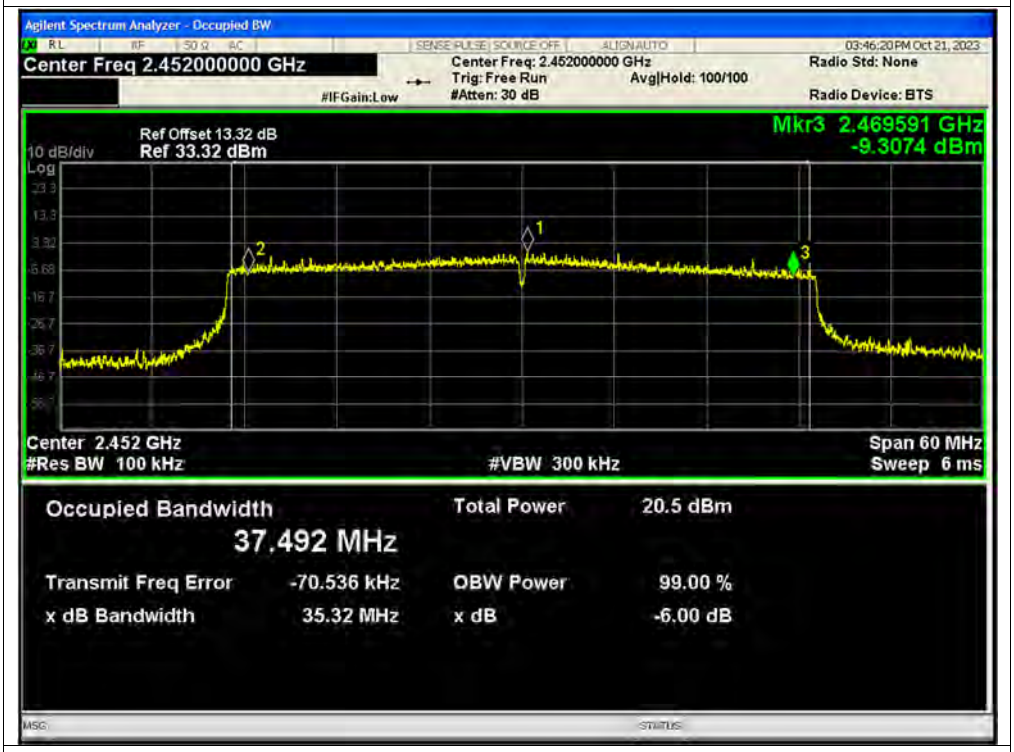

-6dB Bandwidth NVNT ax20 2462MHz Ant2 MIMO

-6dB Bandwidth NVNT ax40 2422MHz Ant1 SISO



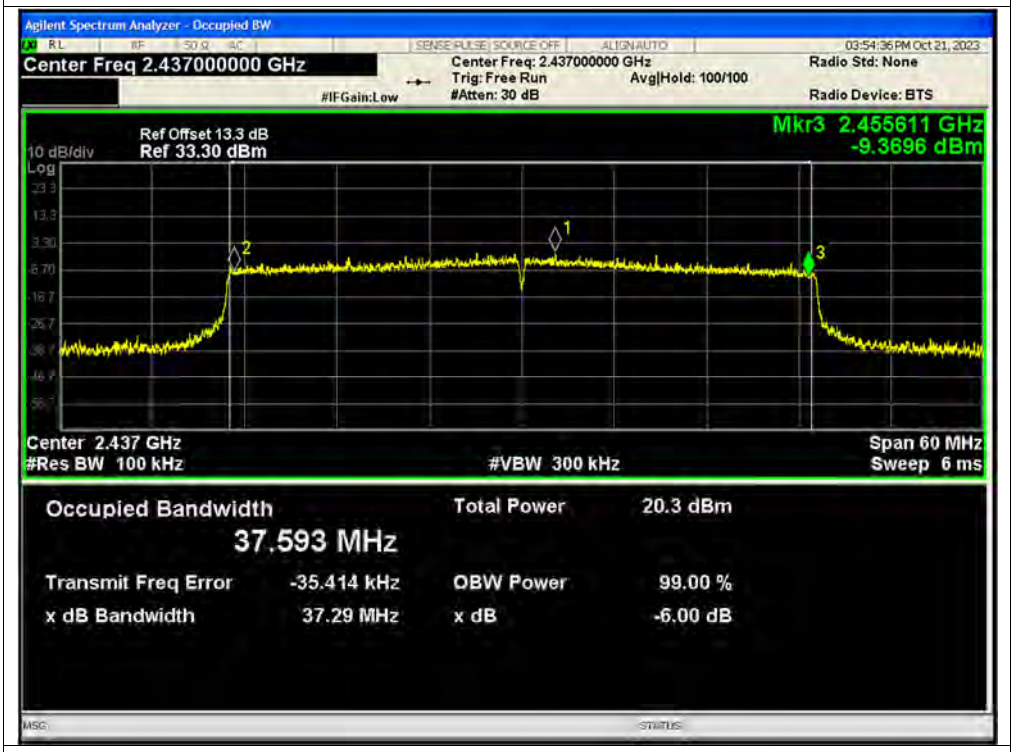

-6dB Bandwidth NVNT ax40 2437MHz Ant1 SISO

-6dB Bandwidth NVNT ax40 2452MHz Ant1 SISO



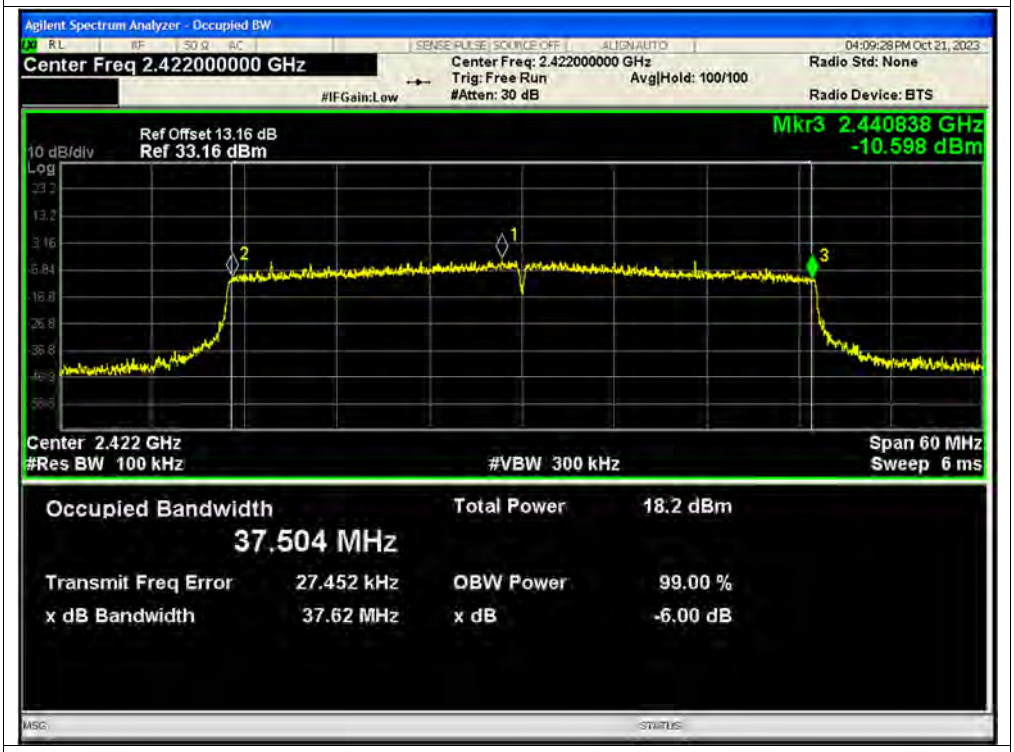

-6dB Bandwidth NVNT ax40 2422MHz Ant2 SISO

-6dB Bandwidth NVNT ax40 2437MHz Ant2 SISO

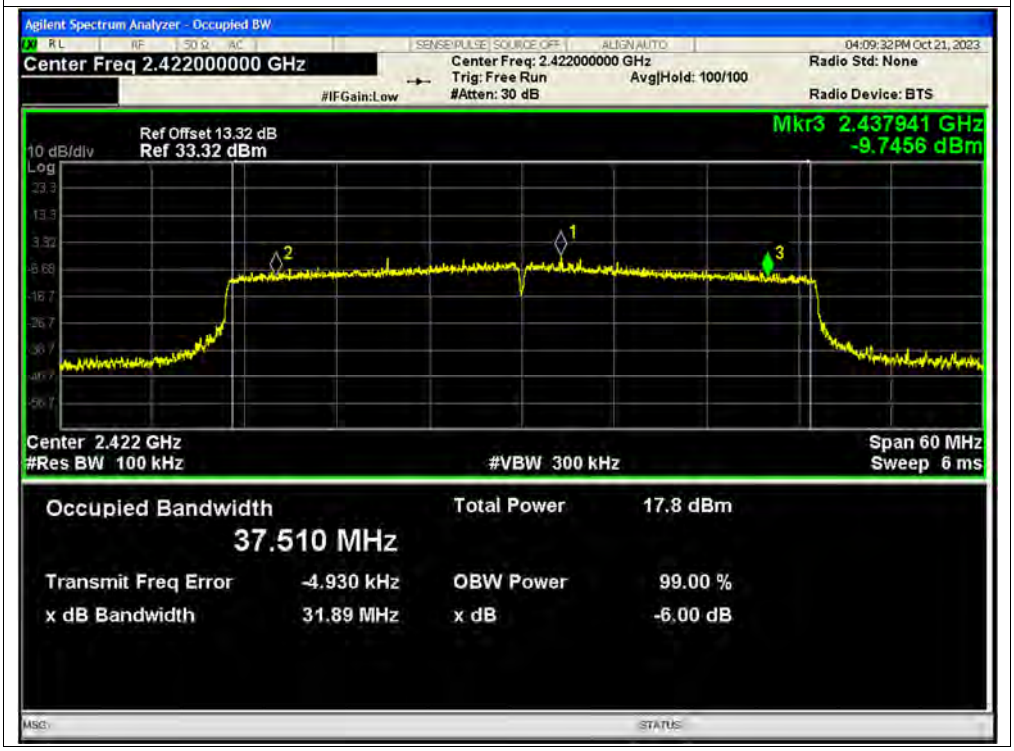



-6dB Bandwidth NVNT ax40 2452MHz Ant2 SISO

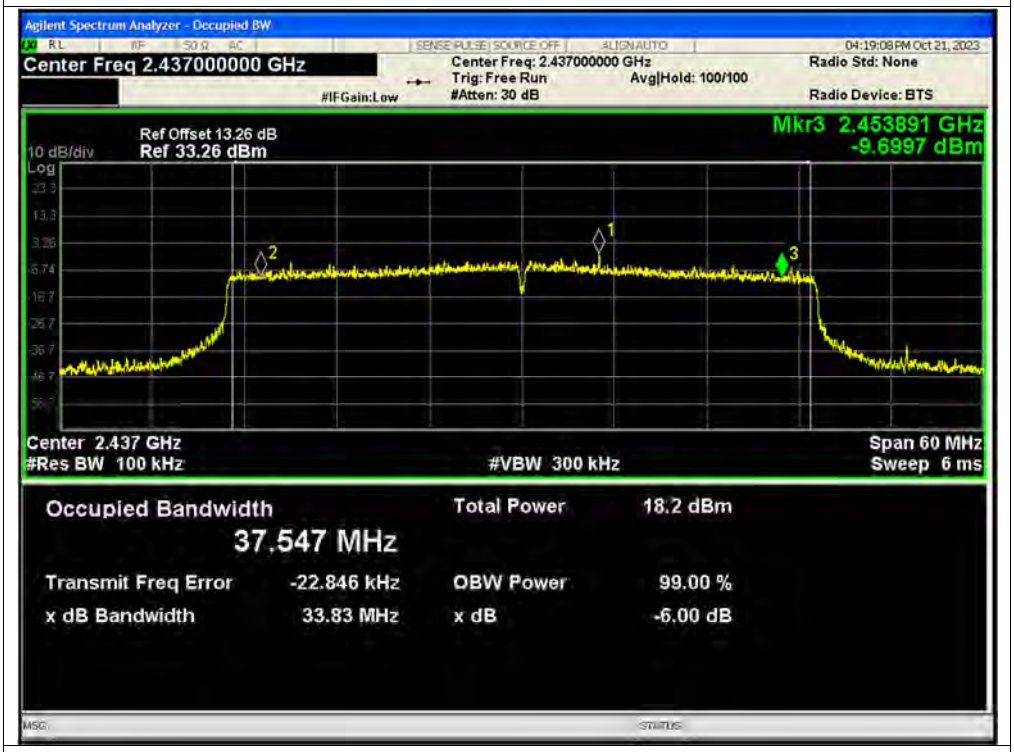
-6dB Bandwidth NVNT ax40 2422MHz Ant1 MIMO



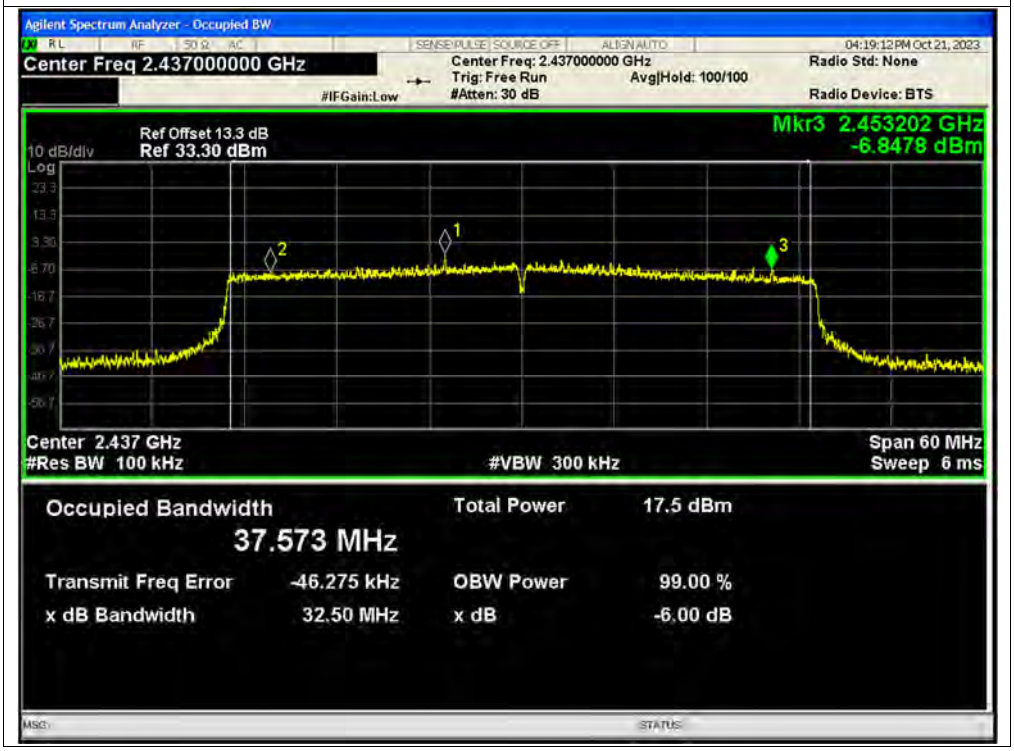

-6dB Bandwidth NVNT ax40 2422MHz Ant2 MIMO



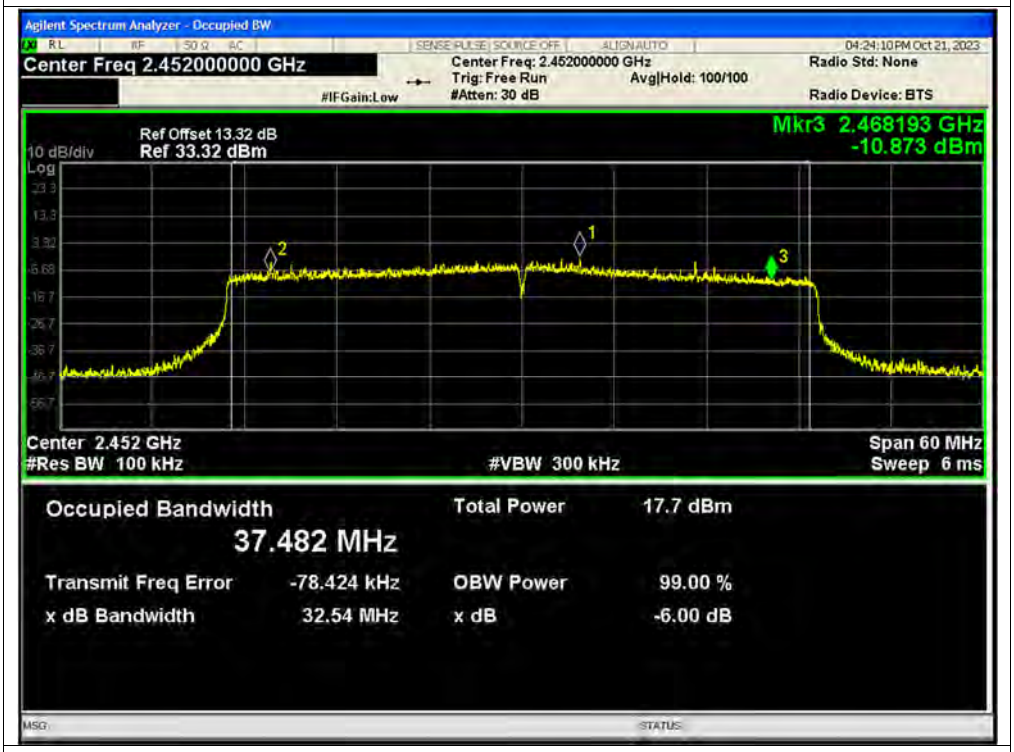
-6dB Bandwidth NVNT ax40 2437MHz Ant1 MIMO



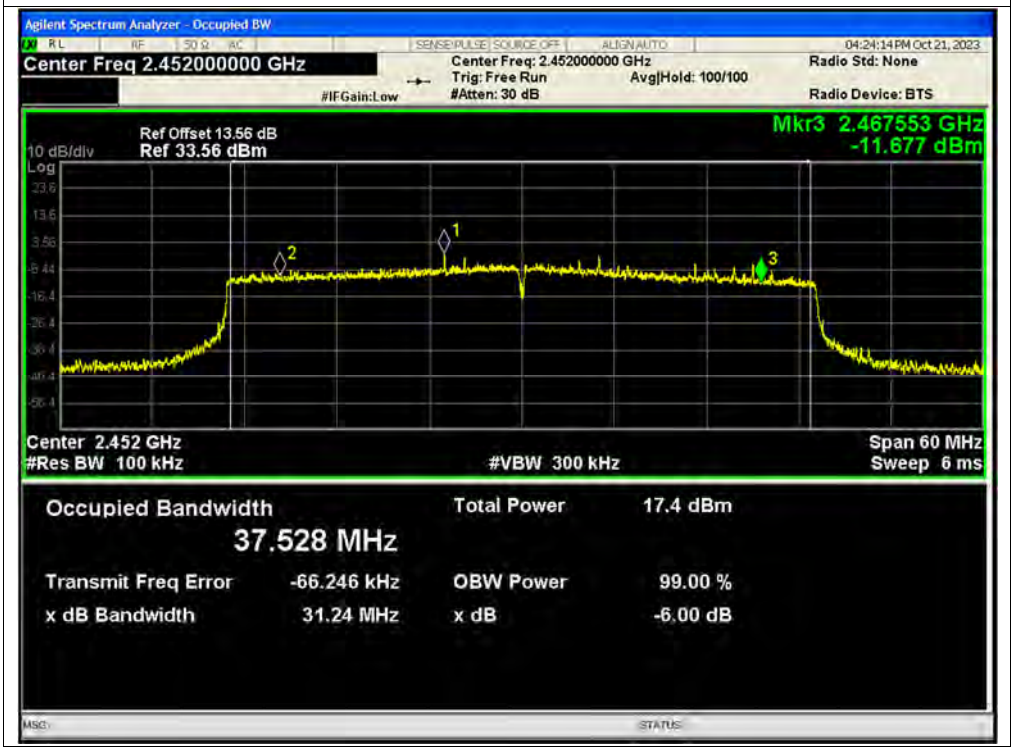

-6dB Bandwidth NVNT ax40 2437MHz Ant2 MIMO



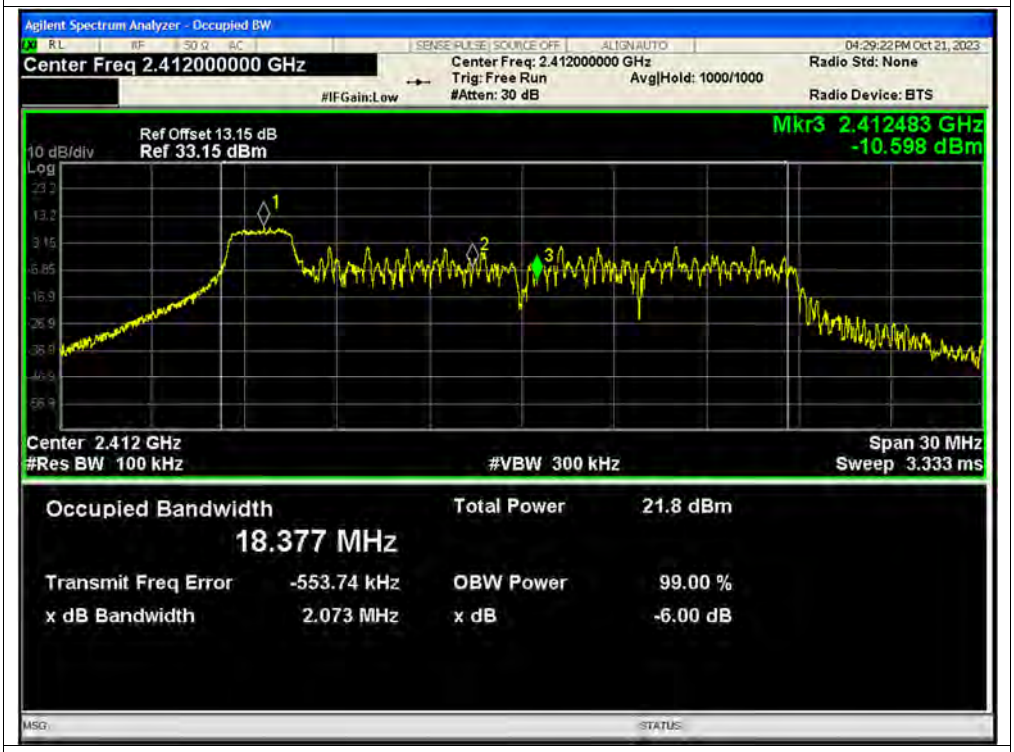
-6dB Bandwidth NVNT ax40 2452MHz Ant1 MIMO




-6dB Bandwidth NVNT ax40 2452MHz Ant2 MIMO



-6dB Bandwidth NVNT ax20 26@0 2412MHz Ant1 SISO

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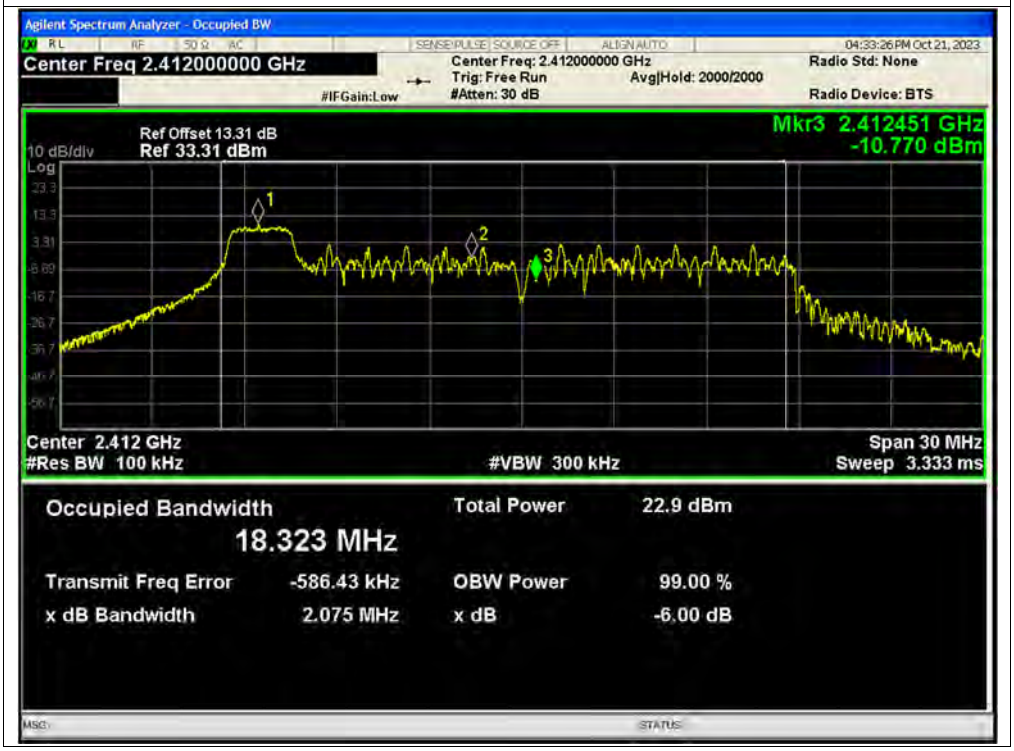

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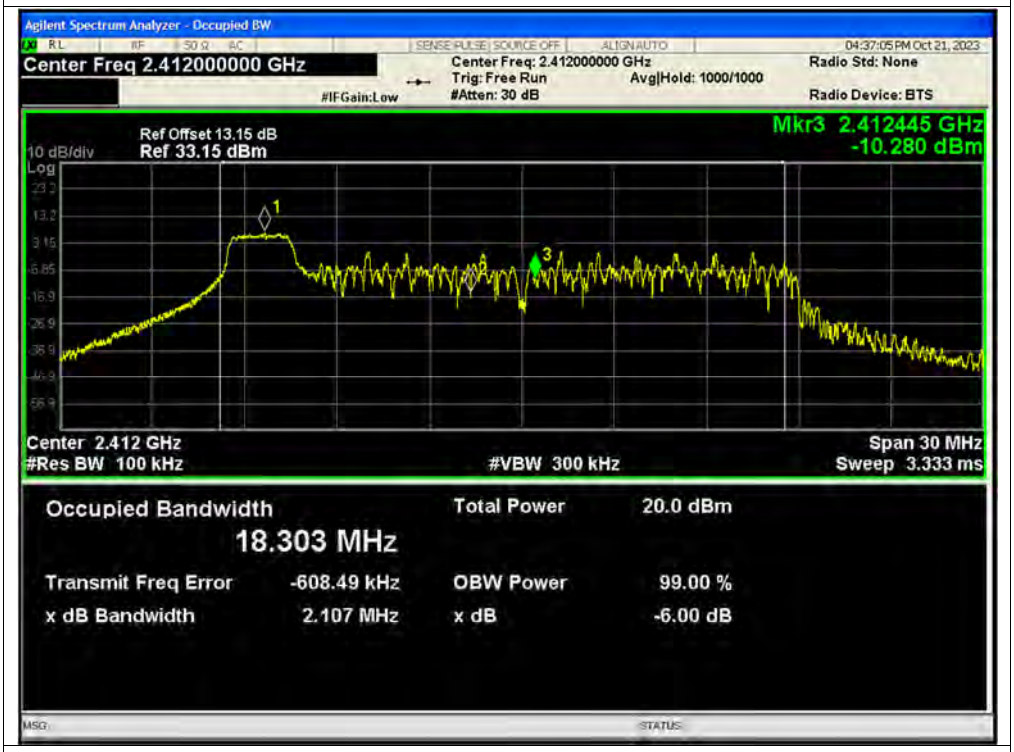


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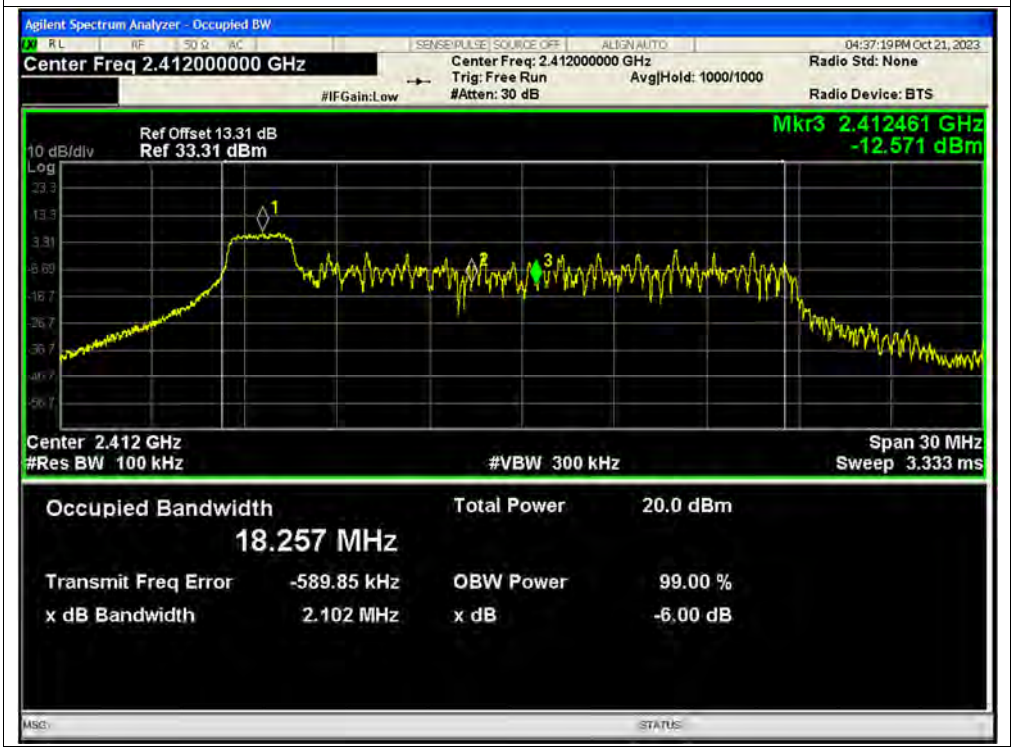
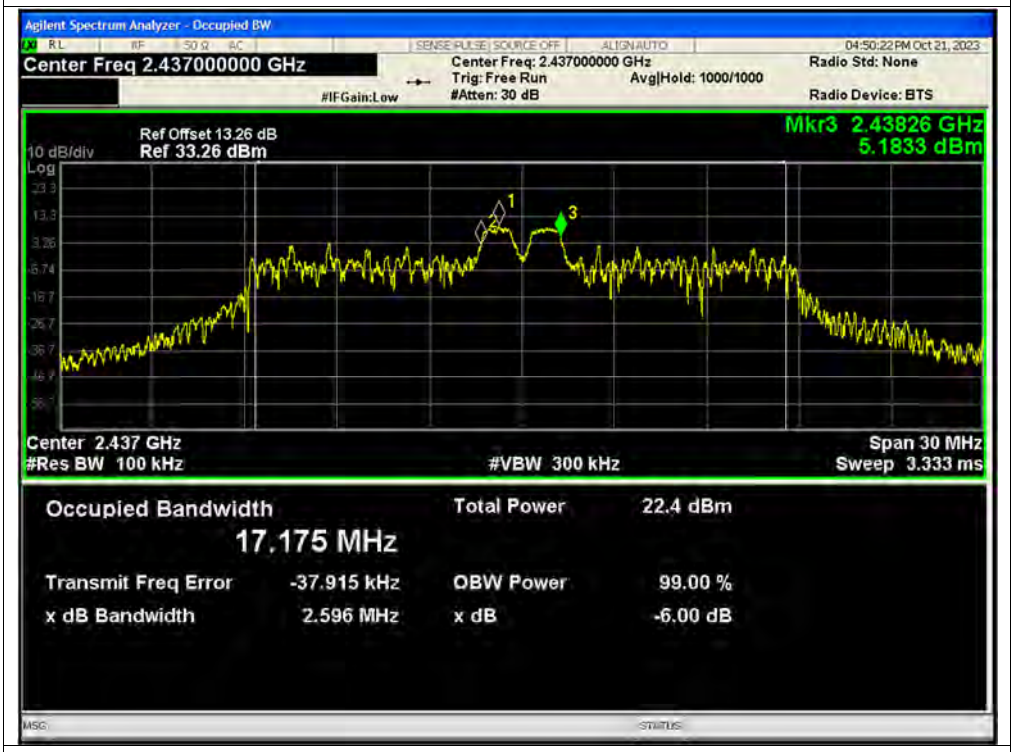
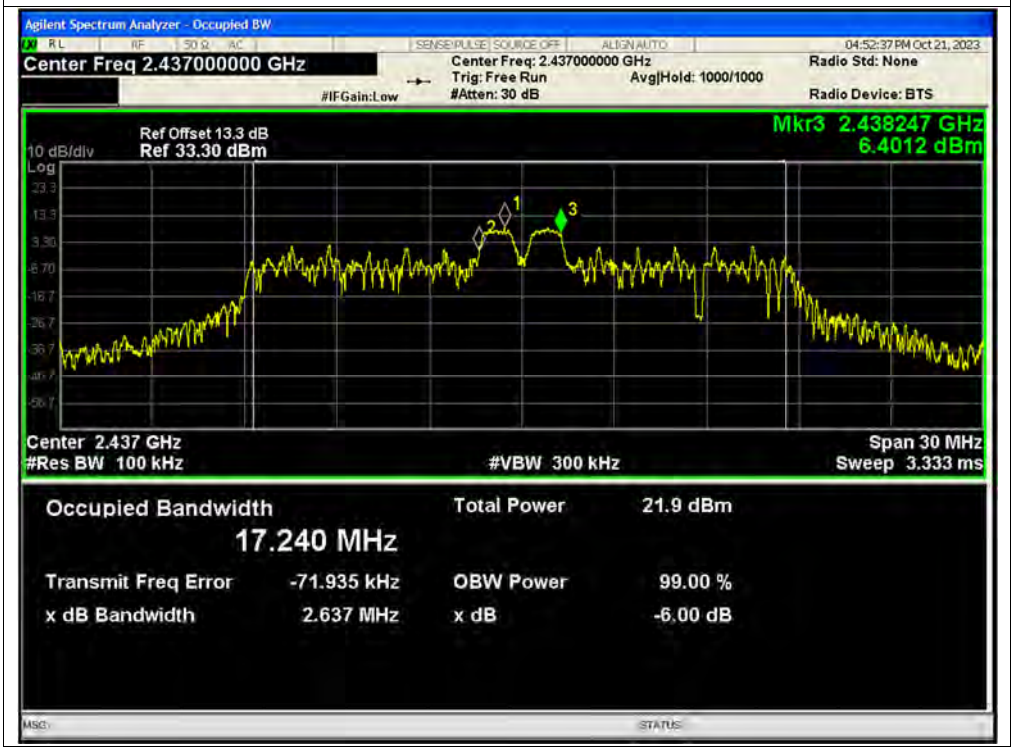


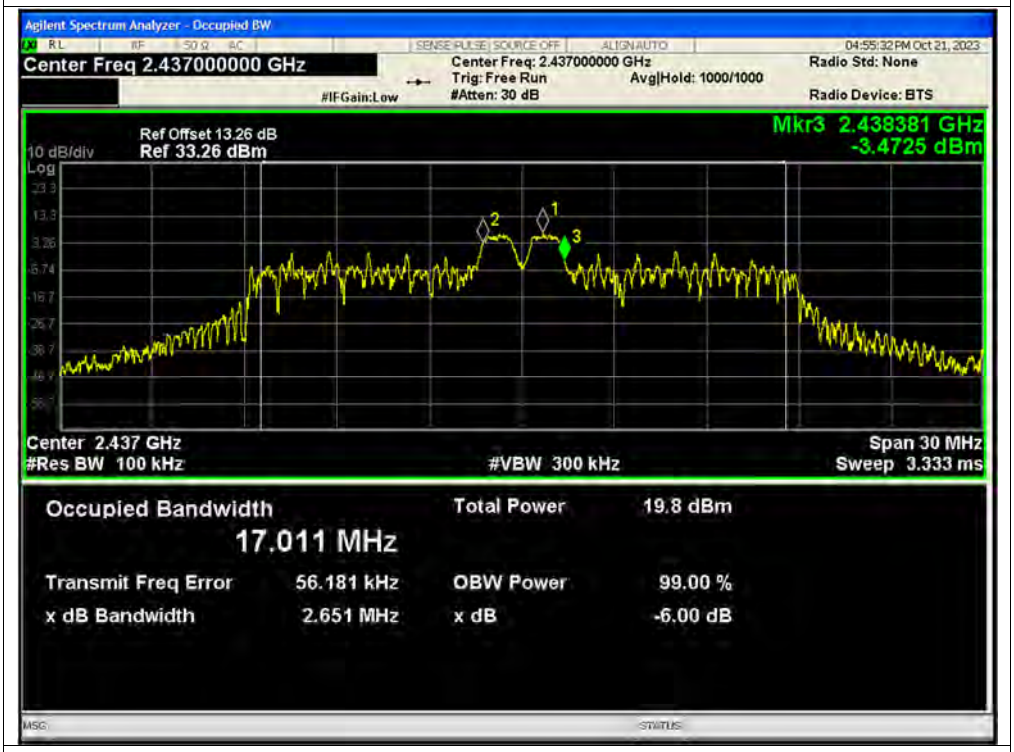
-6dB Bandwidth NVNT ax20 26@4 2437MHz Ant1 SISO



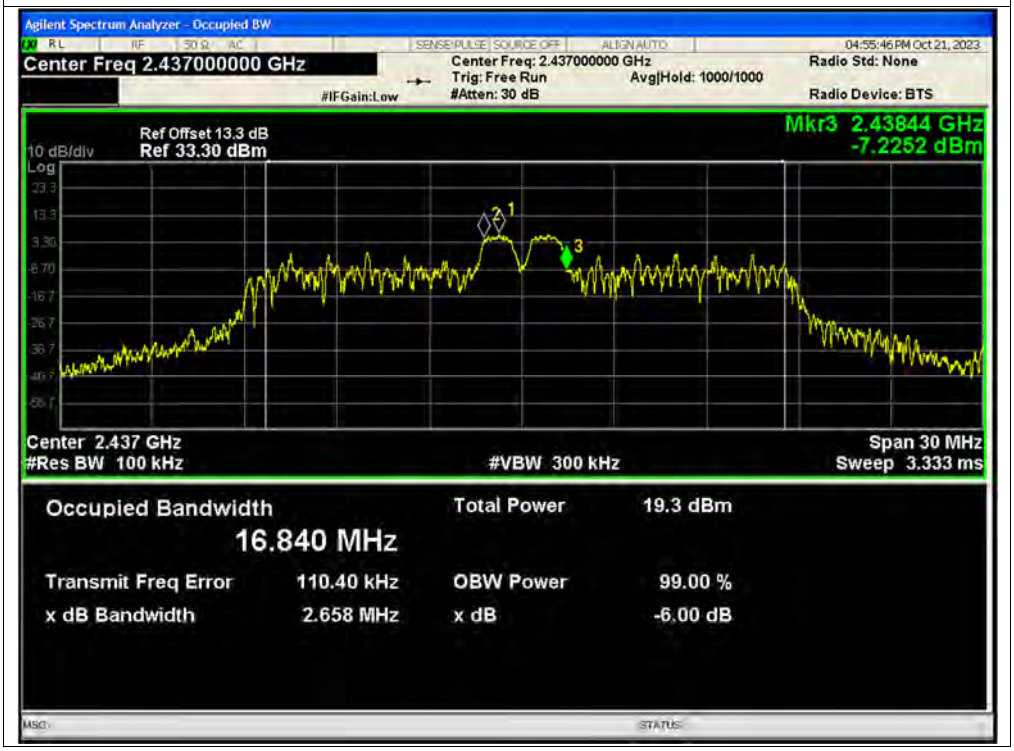

-6dB Bandwidth NVNT ax20 26@4 2437MHz Ant2 SISO



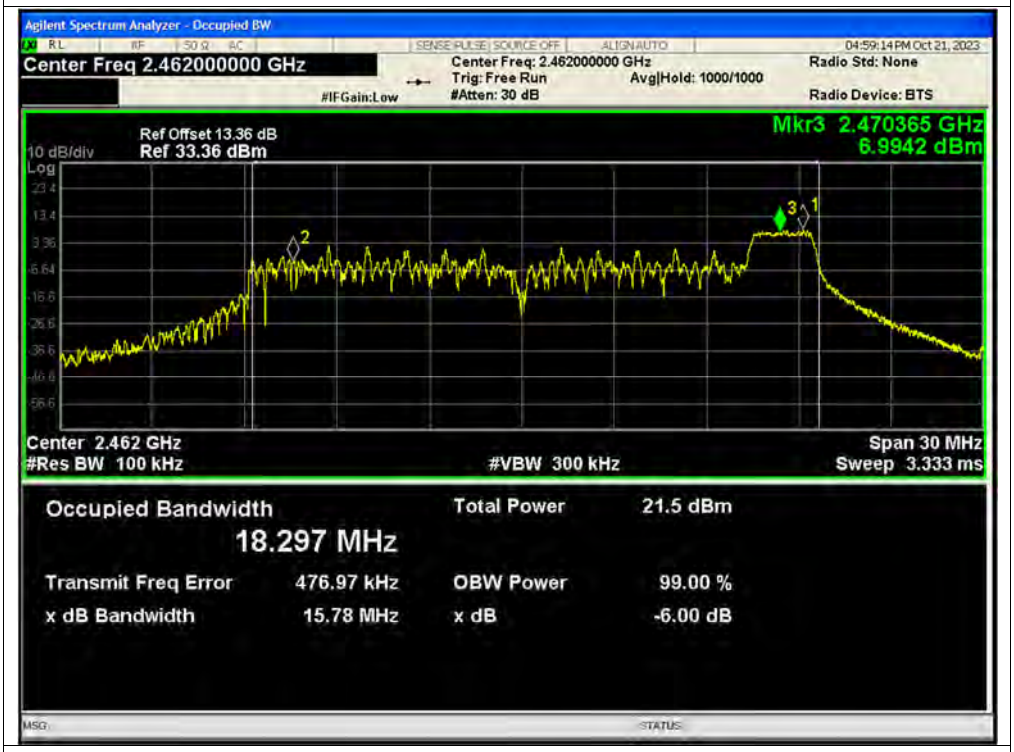
-6dB Bandwidth NVNT ax20 26@4 2437MHz Ant1 MIMO



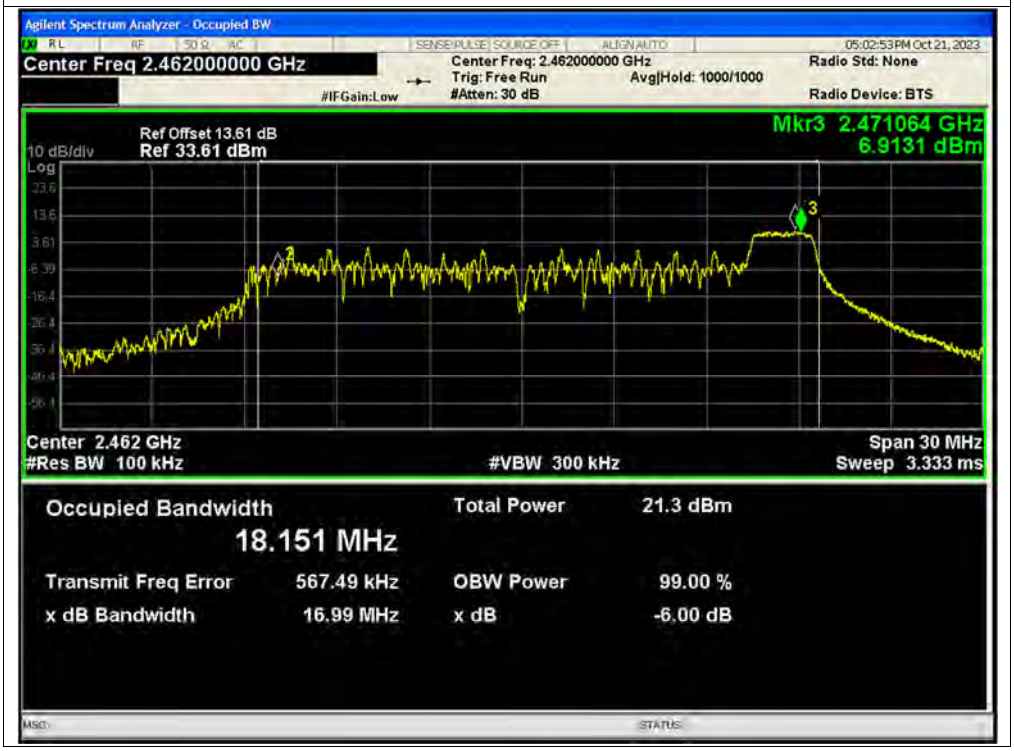

-6dB Bandwidth NVNT ax20 26@4 2437MHz Ant2 MIMO



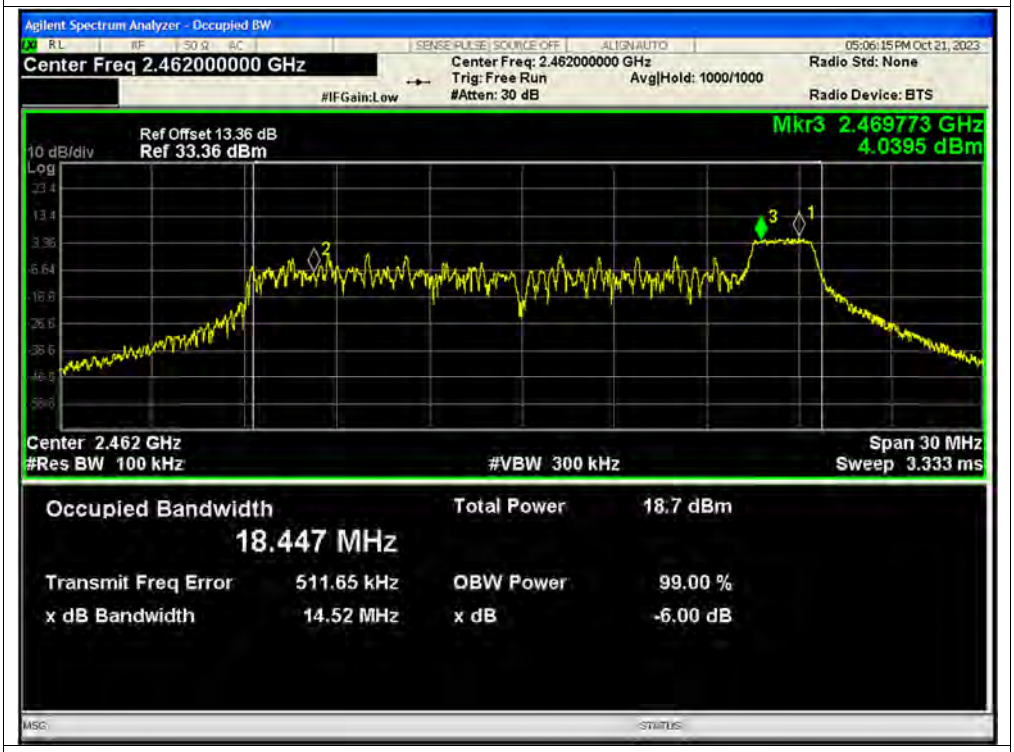
-6dB Bandwidth NVNT ax20 26@8 2462MHz Ant1 SISO



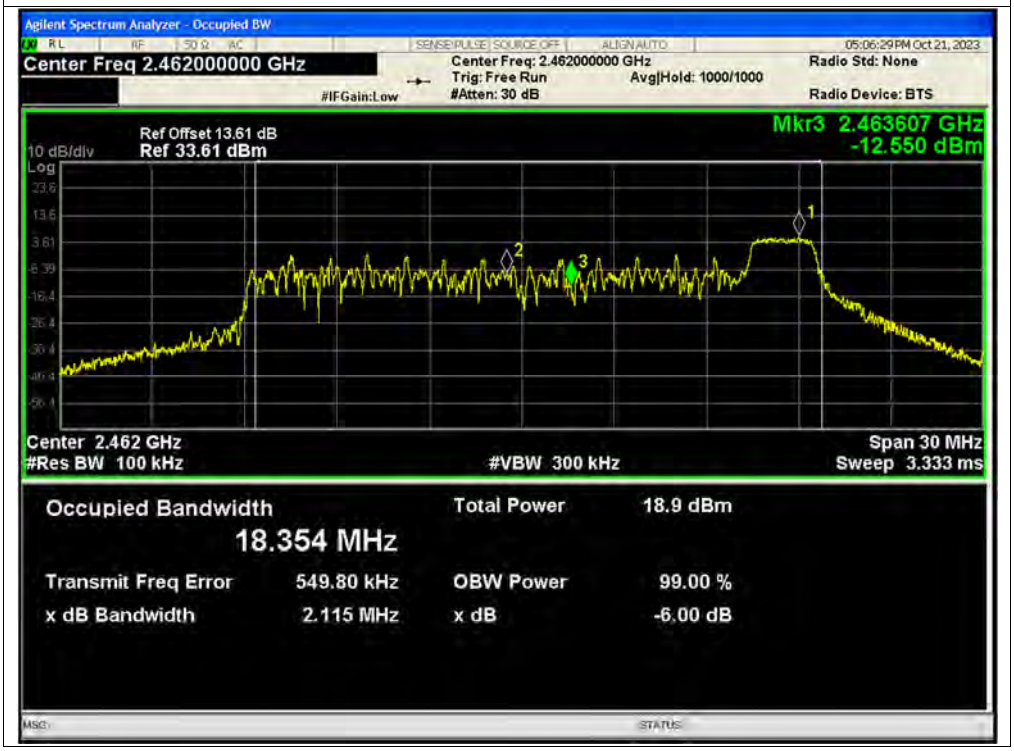

-6dB Bandwidth NVNT ax20 26@8 2462MHz Ant2 SISO



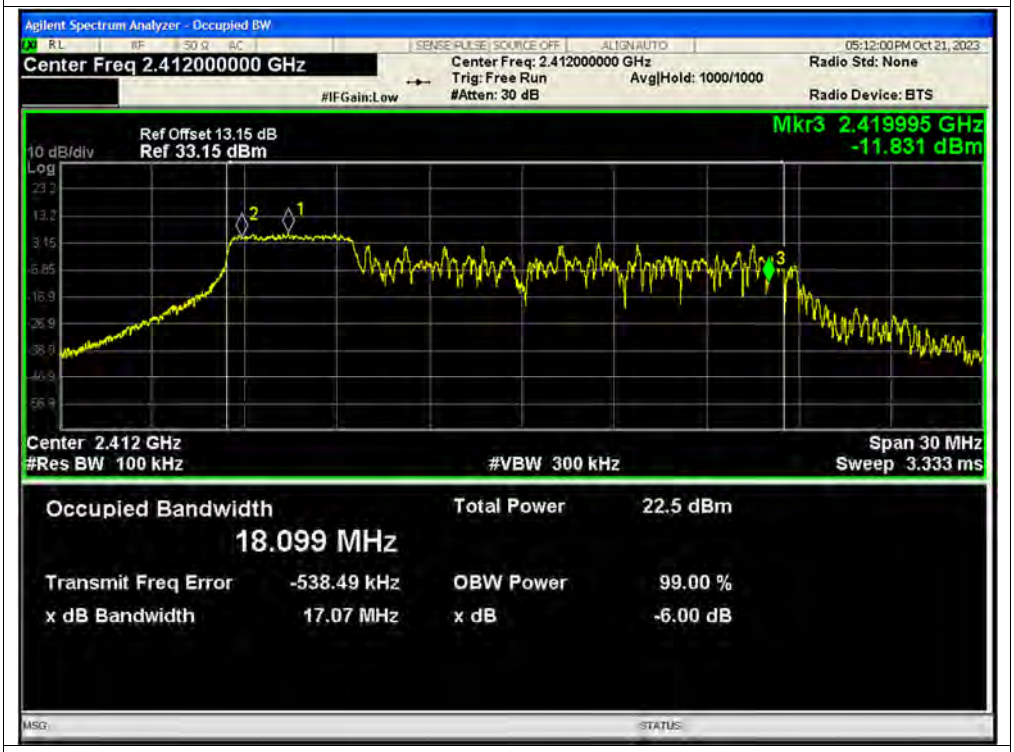
-6dB Bandwidth NVNT ax20 26@8 2462MHz Ant1 MIMO



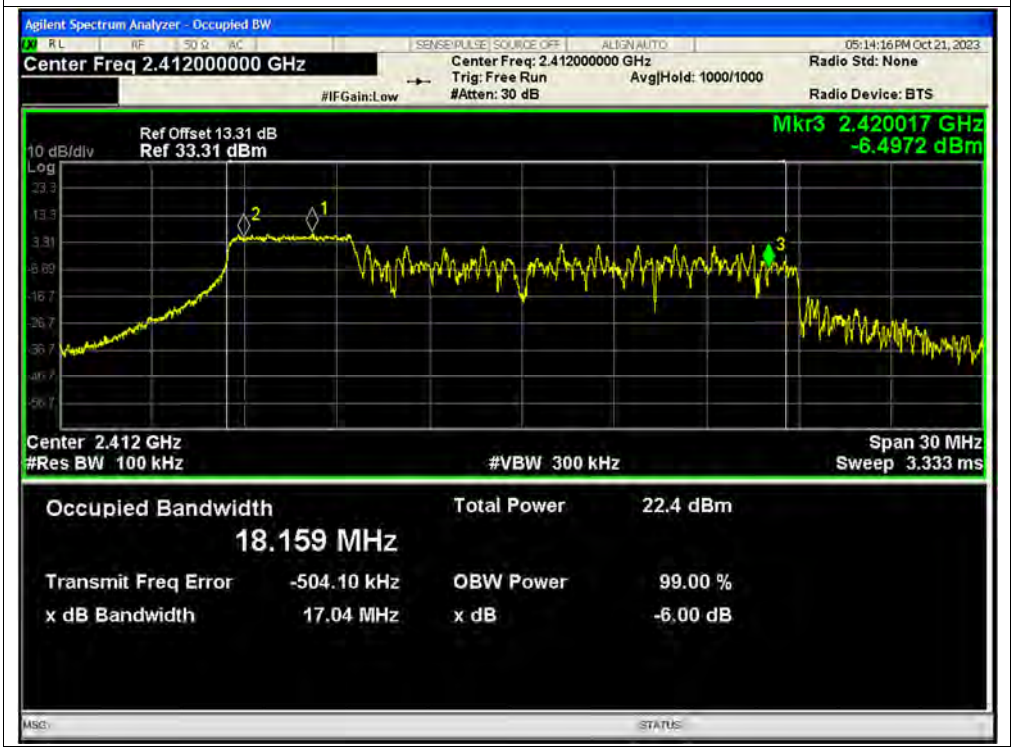

-6dB Bandwidth NVNT ax20 26@8 2462MHz Ant2 MIMO



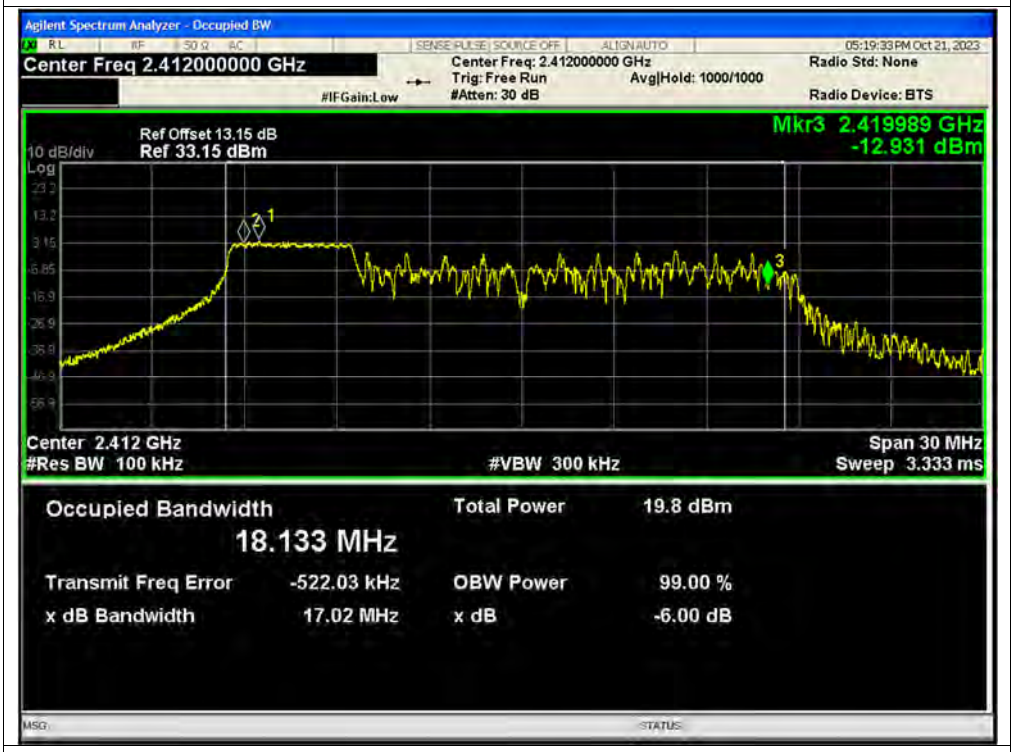
-6dB Bandwidth NVNT ax20 52@37 2412MHz Ant1 SISO




-6dB Bandwidth NVNT ax20 52@37 2412MHz Ant2 SISO

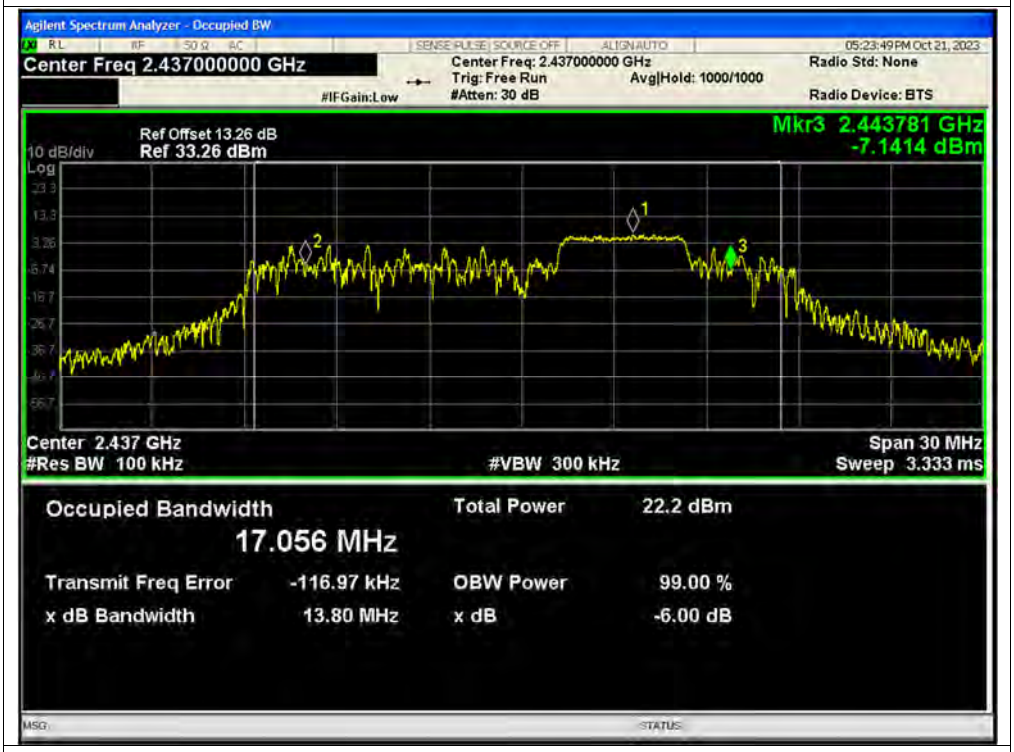


-6dB Bandwidth NVNT ax20 52@37 2412MHz Ant1 MIMO

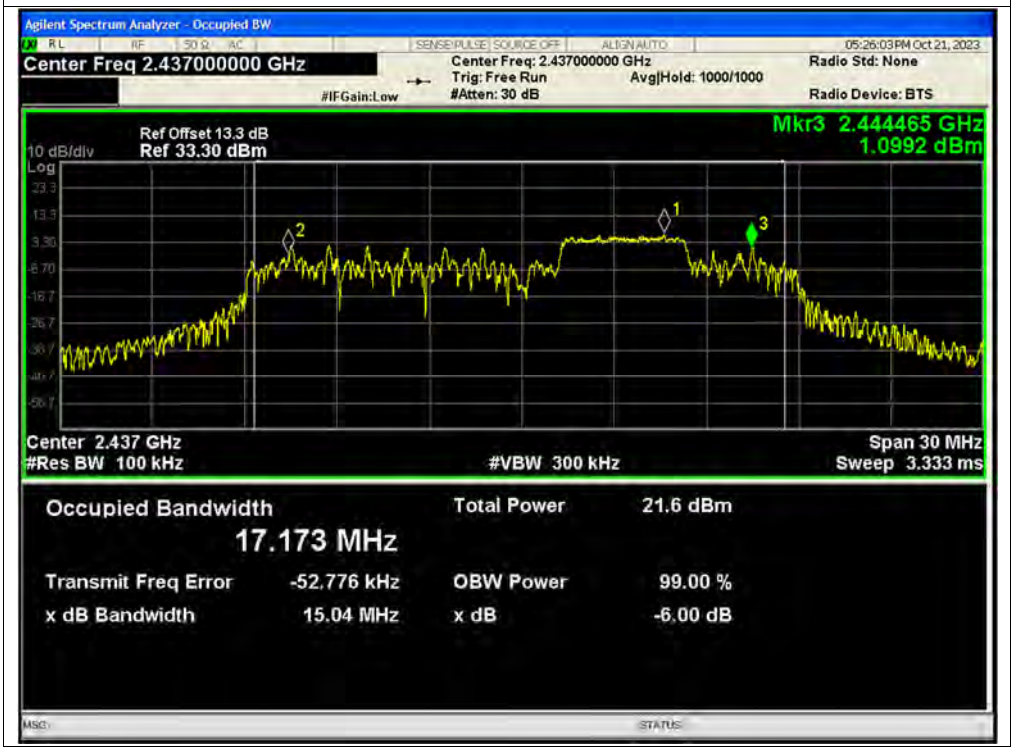



-6dB Bandwidth NVNT ax20 52@37 2412MHz Ant2 MIMO

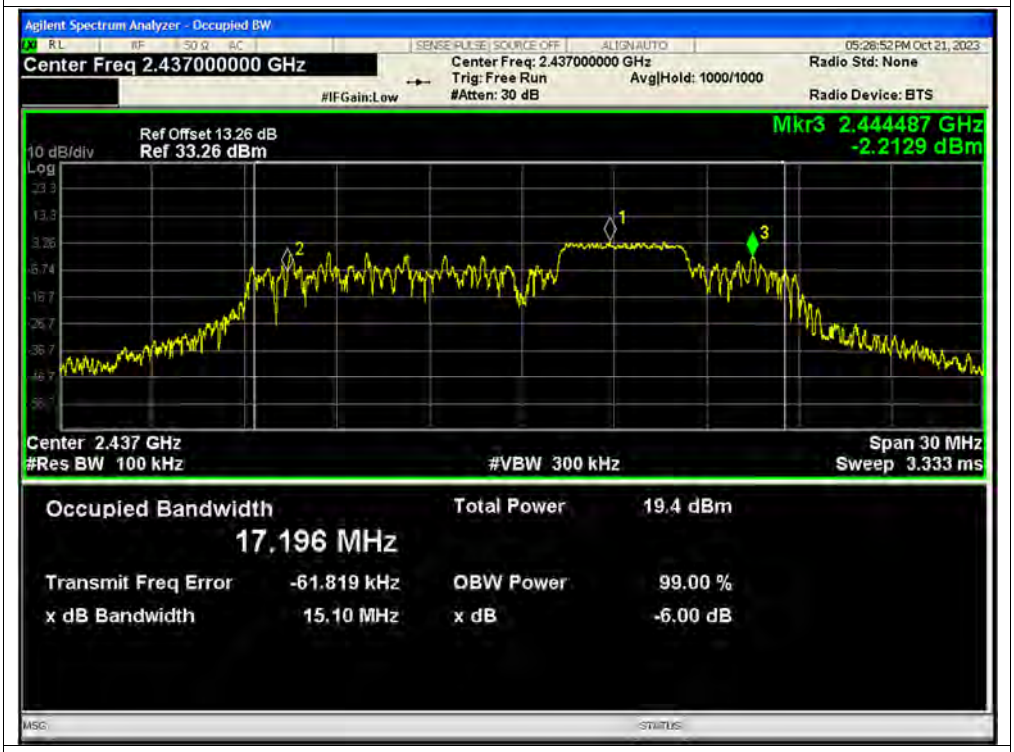
-6dB Bandwidth NVNT ax20 52@38 2437MHz Ant1 SISO



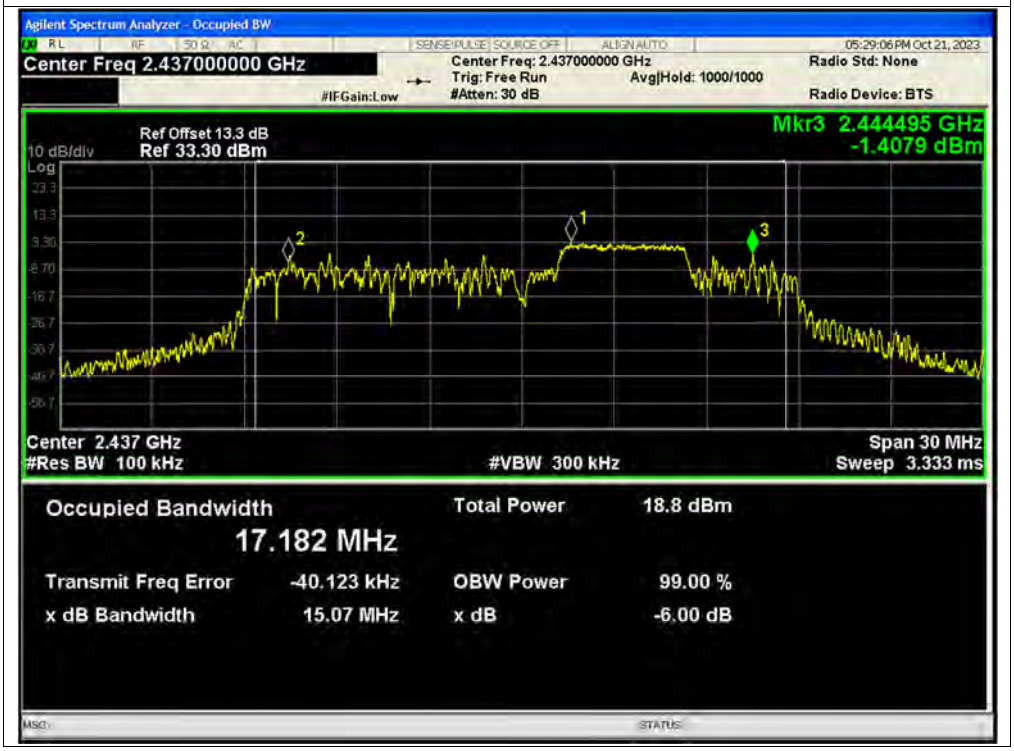

-6dB Bandwidth NVNT ax20 52@38 2437MHz Ant2 SISO



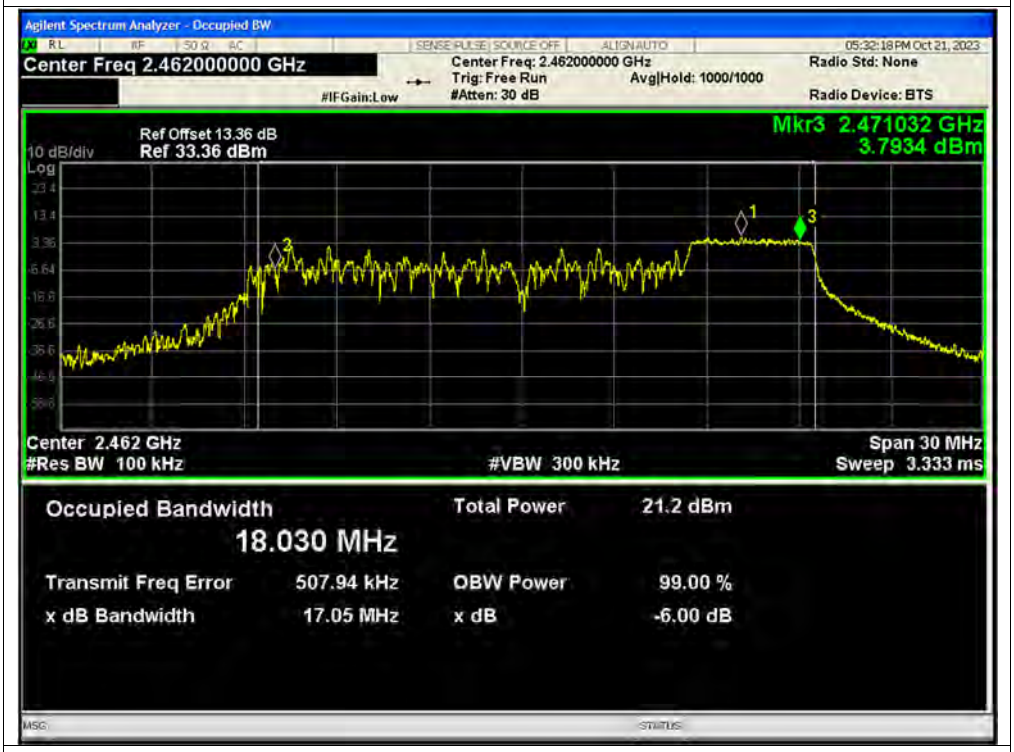
-6dB Bandwidth NVNT ax20 52@38 2437MHz Ant1 MIMO



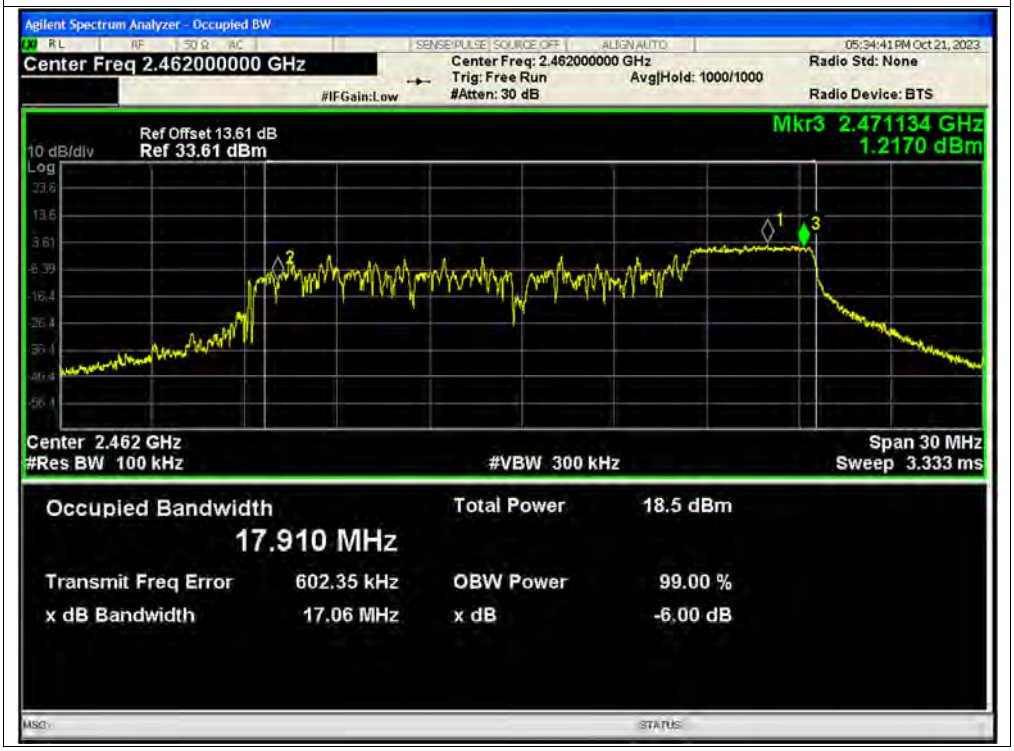

-6dB Bandwidth NVNT ax20 52@38 2437MHz Ant2 MIMO



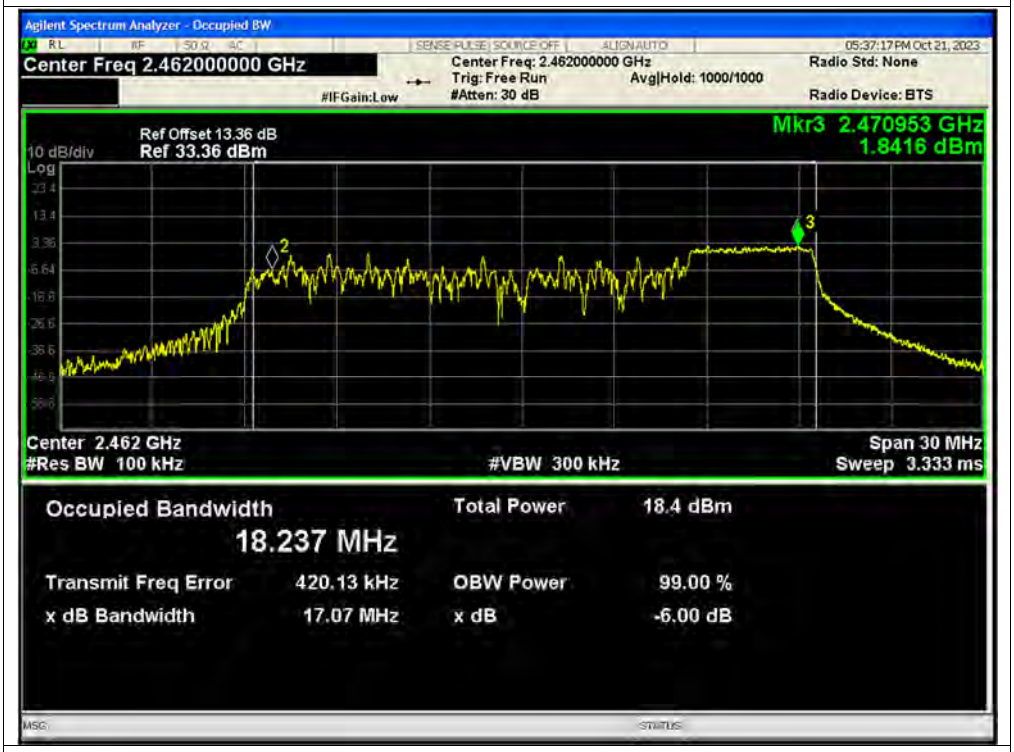
-6dB Bandwidth NVNT ax20 52@40 2462MHz Ant1 SISO



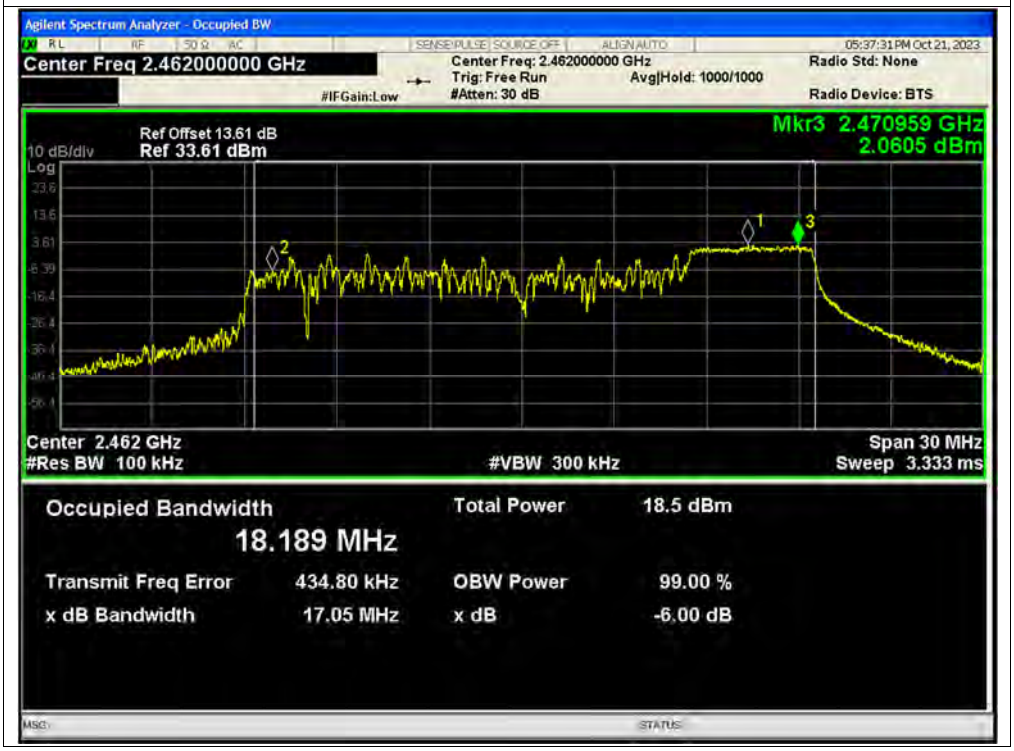

-6dB Bandwidth NVNT ax20 52@40 2462MHz Ant2 SISO



-6dB Bandwidth NVNT ax20 52@40 2462MHz Ant1 MIMO

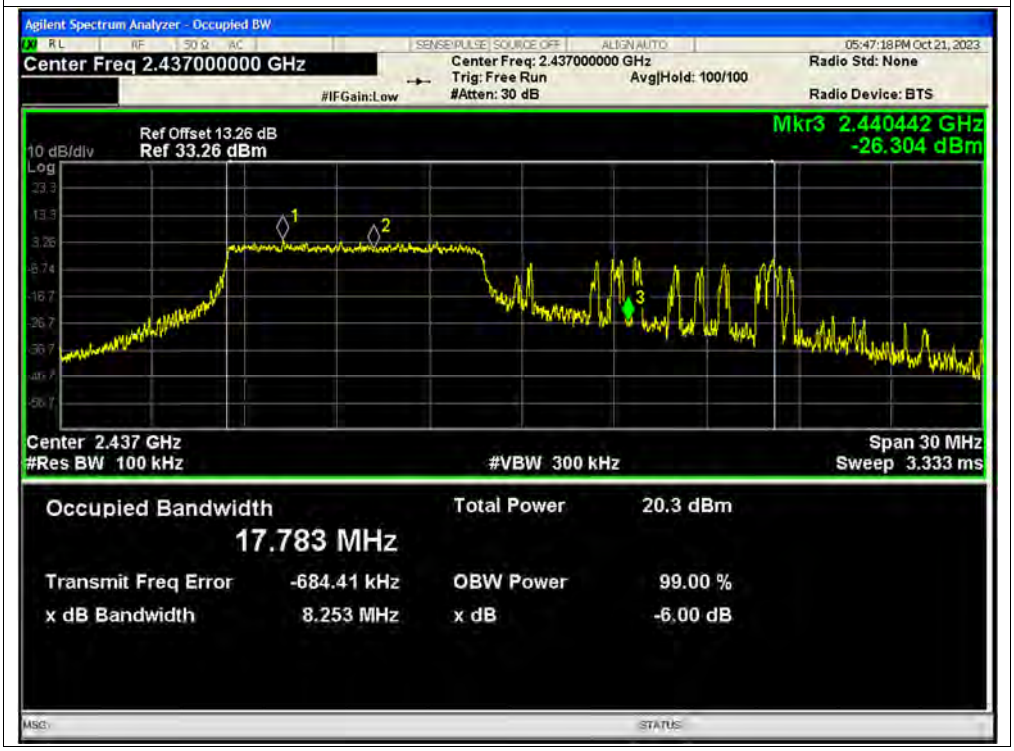



-6dB Bandwidth NVNT ax20 52@40 2462MHz Ant2 MIMO

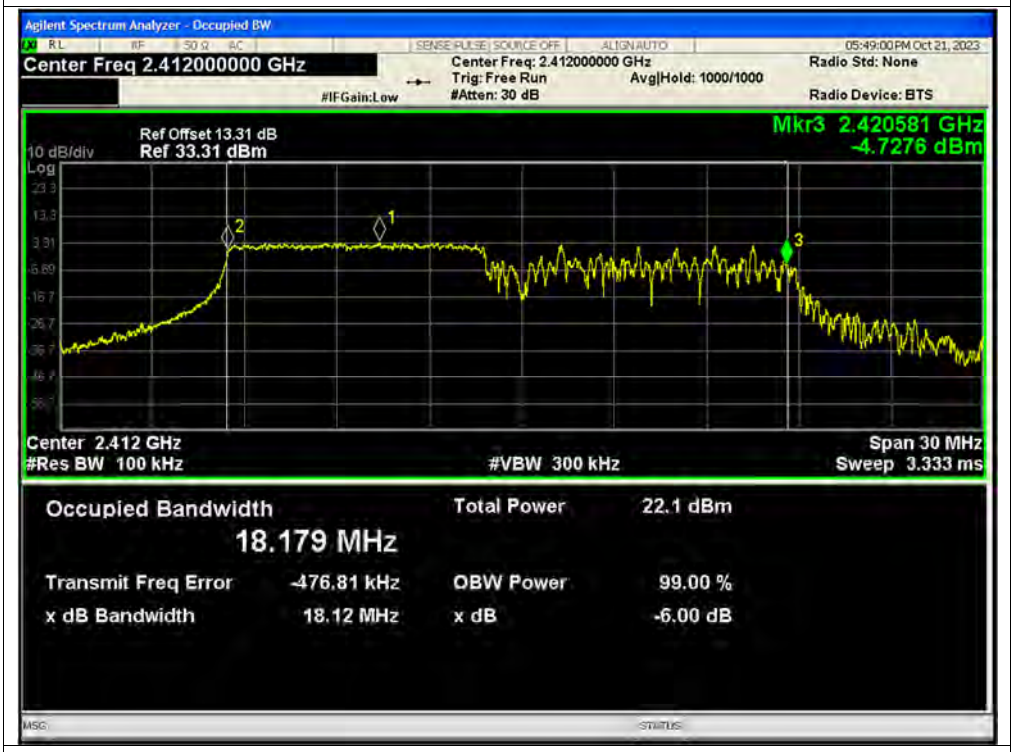


-6dB Bandwidth NVNT ax20 106@53 2412MHz Ant1 SISO

-6dB Bandwidth NVNT ax20 106@53 2437MHz Ant1 SISO



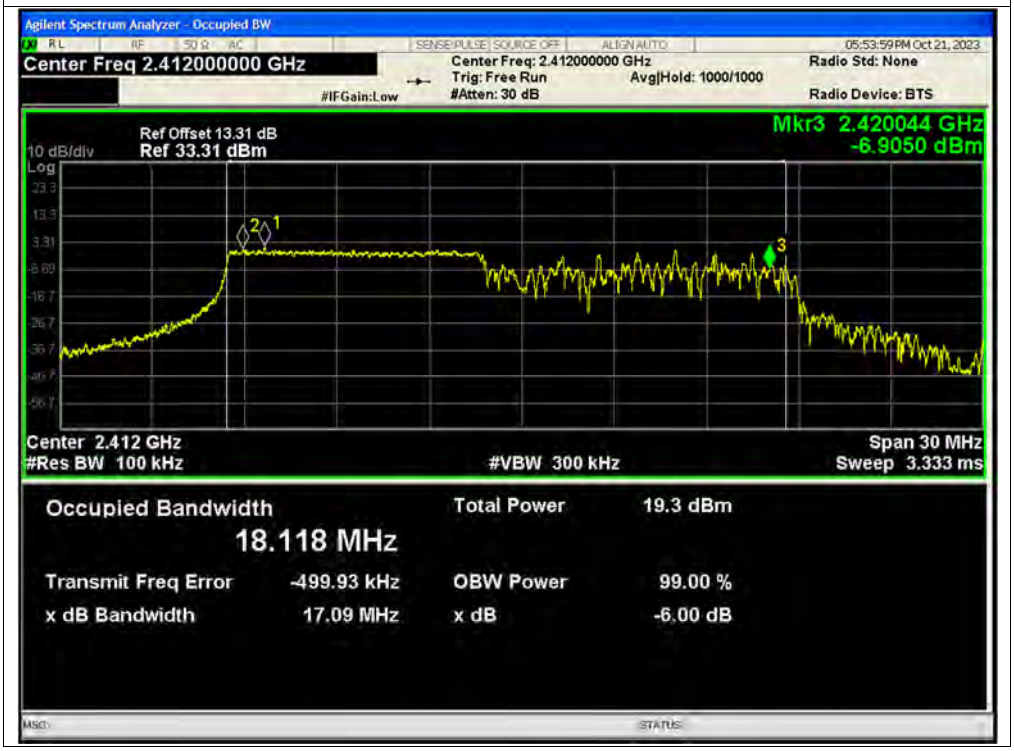
-6dB Bandwidth NVNT ax20 106@53 2412MHz Ant2 SISO




-6dB Bandwidth NVNT ax20 106@53 2437MHz Ant2 SISO

-6dB Bandwidth NVNT ax20 106@53 2412MHz Ant1 MIMO

-6dB Bandwidth NVNT ax20 106@53 2412MHz Ant2 MIMO



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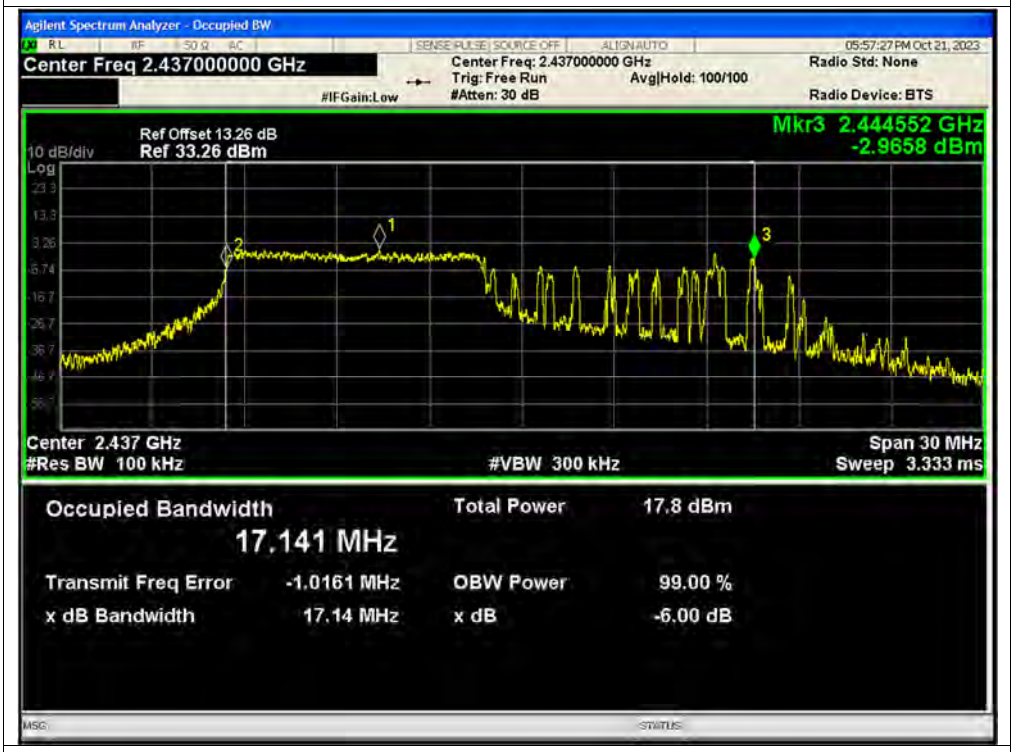


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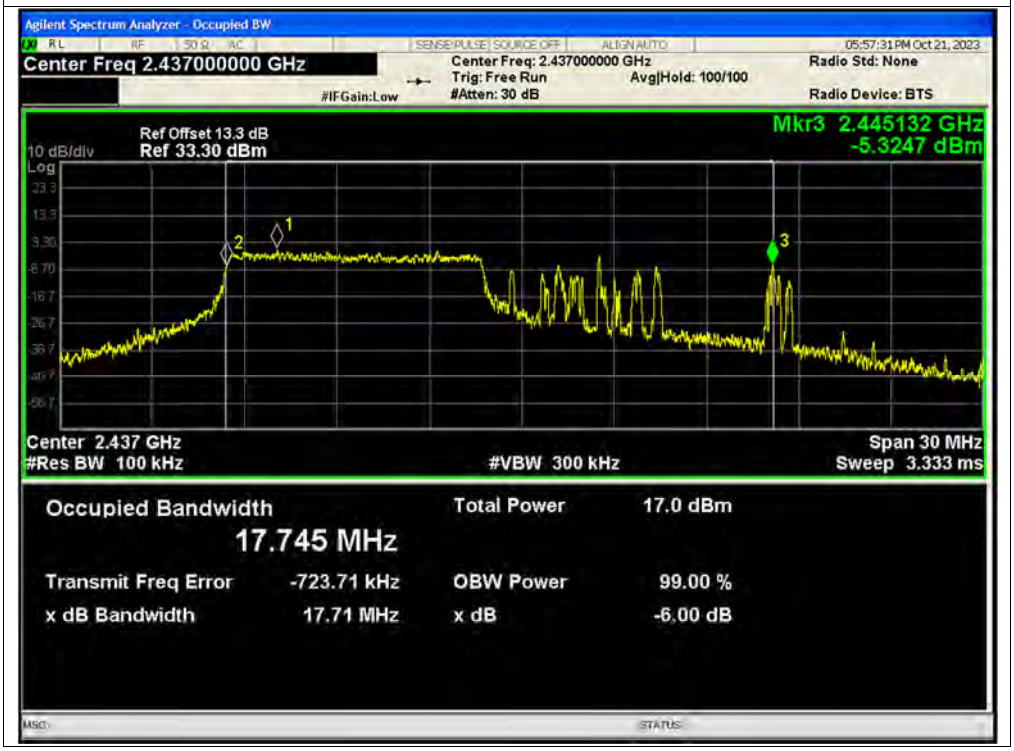

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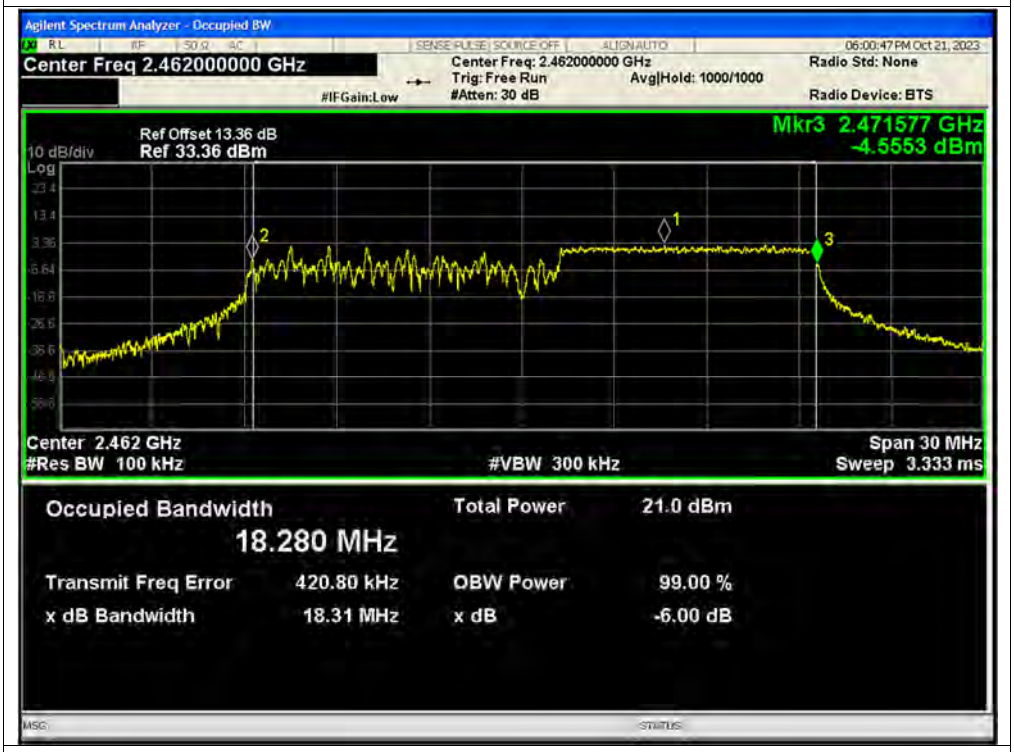


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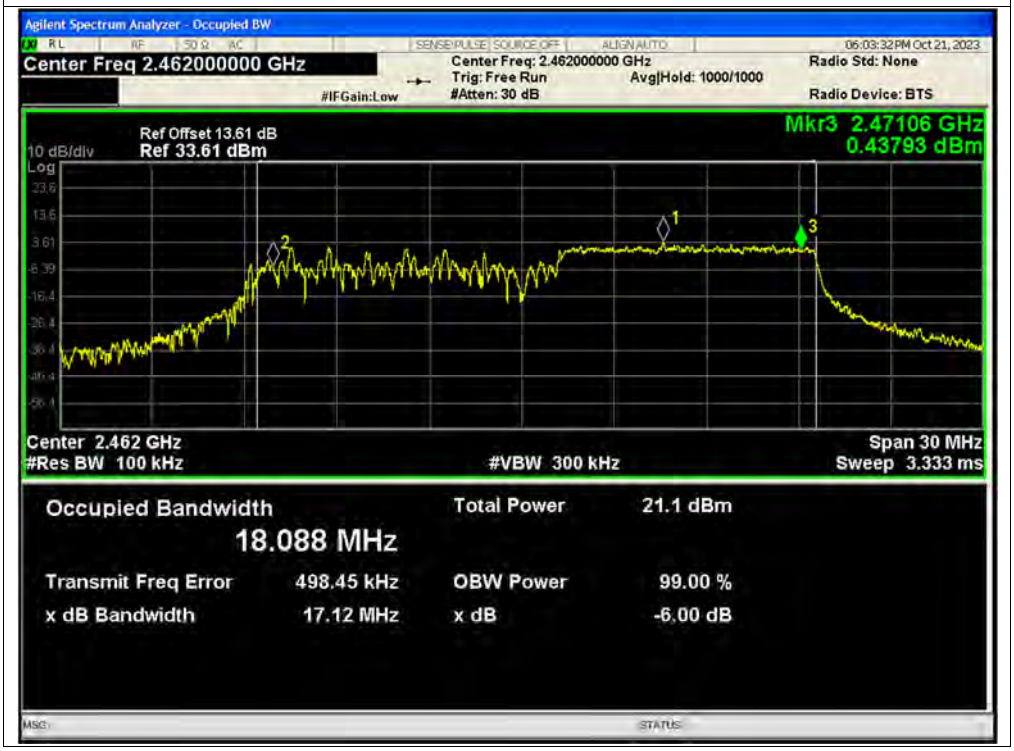

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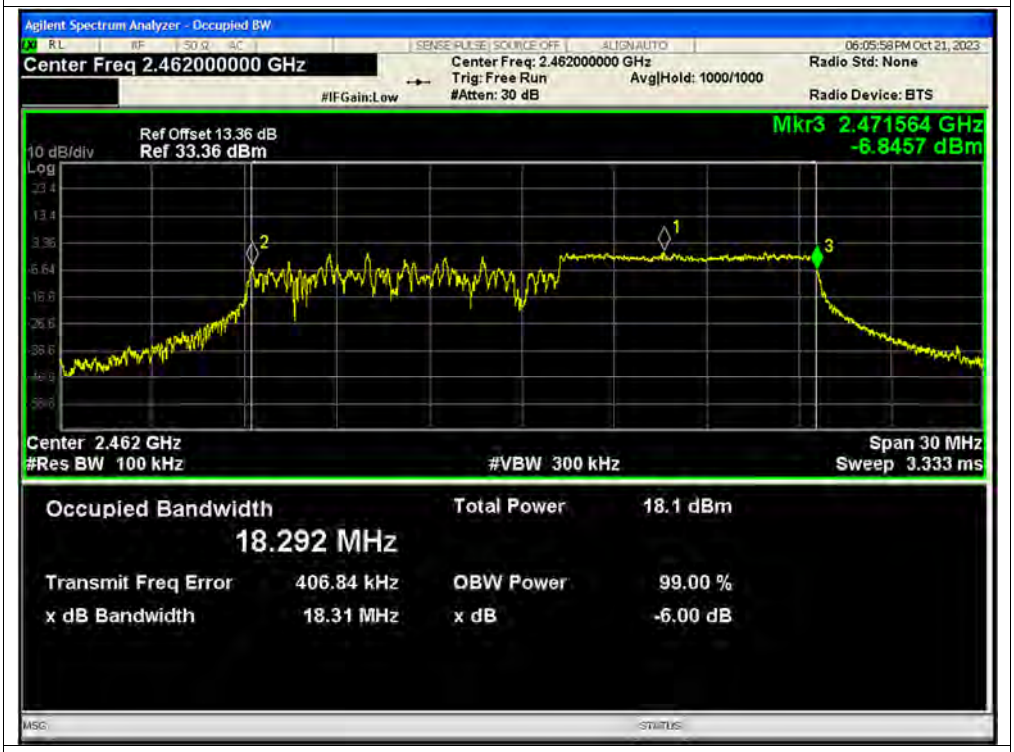


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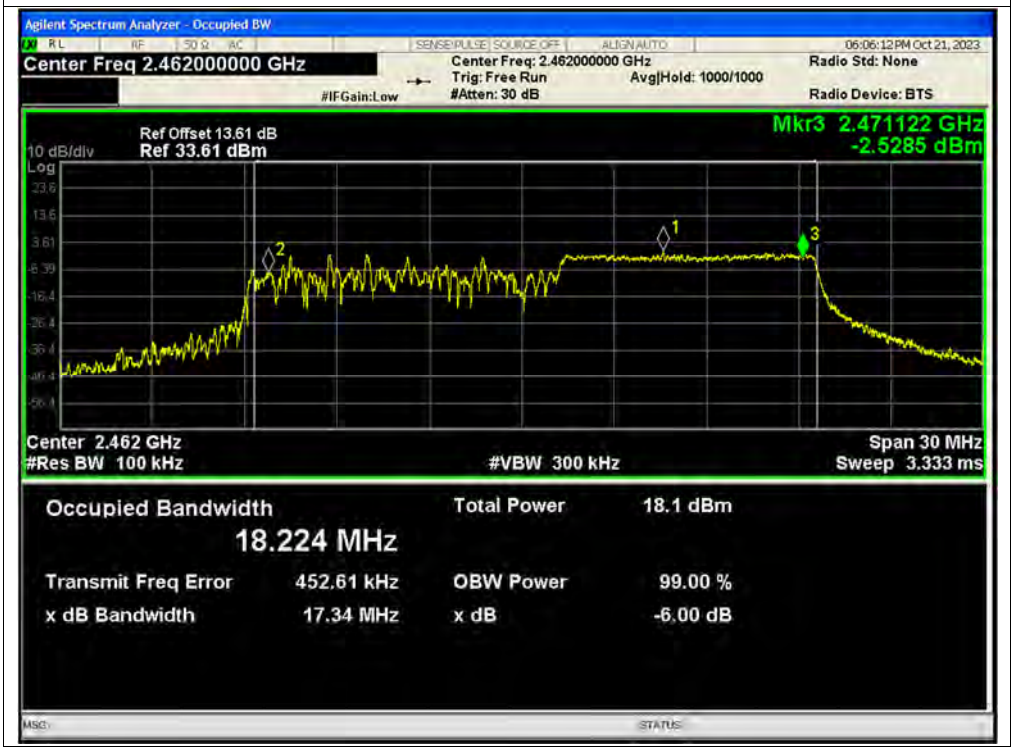
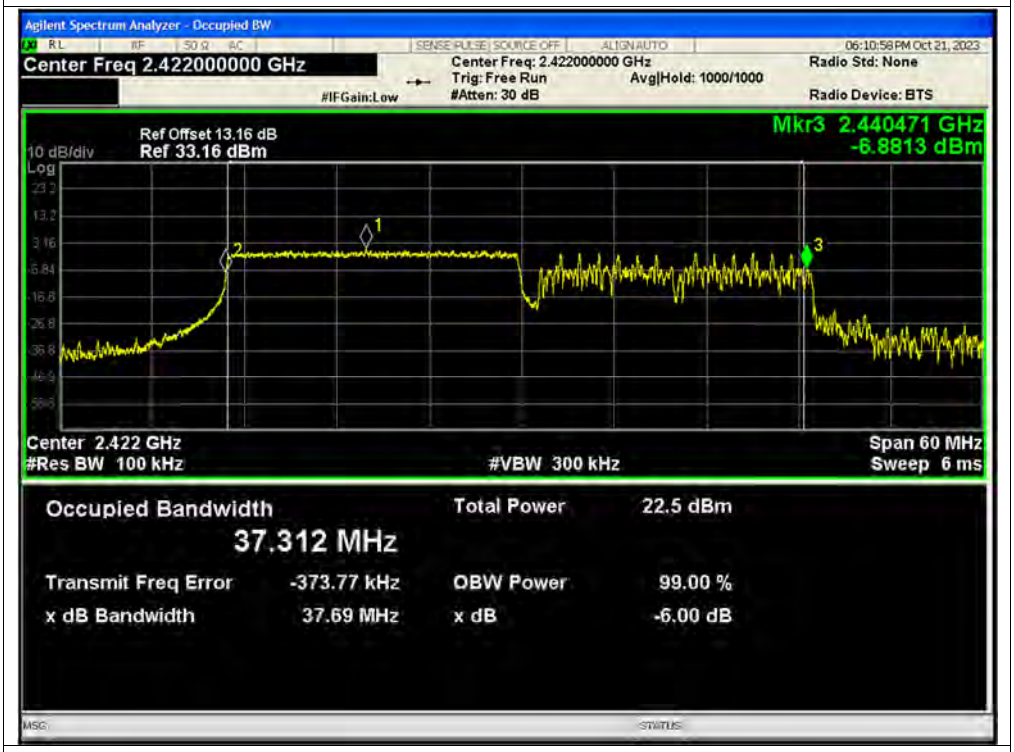


-6dB Bandwidth NVNT ax40 242@61 2422MHz Ant1 SISO

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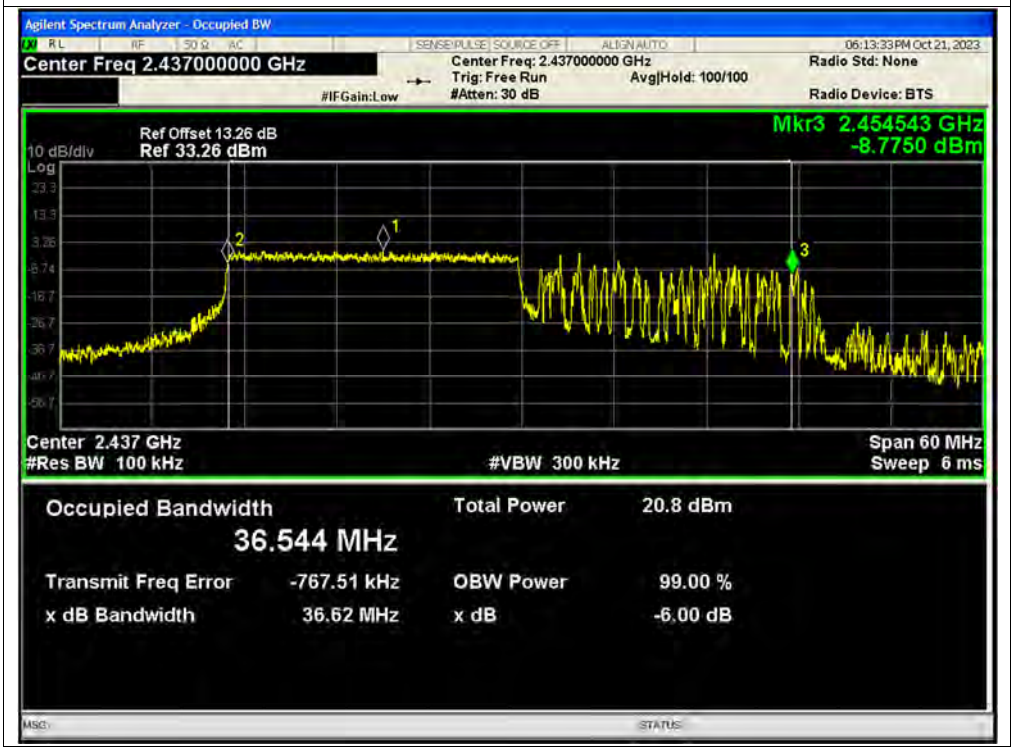
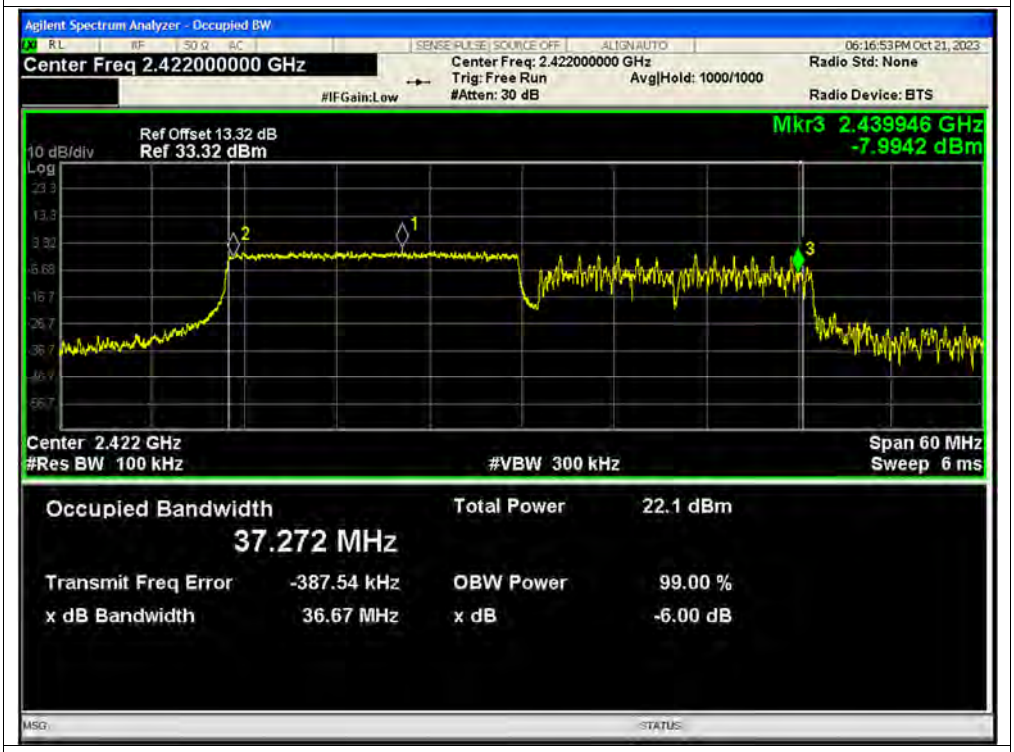
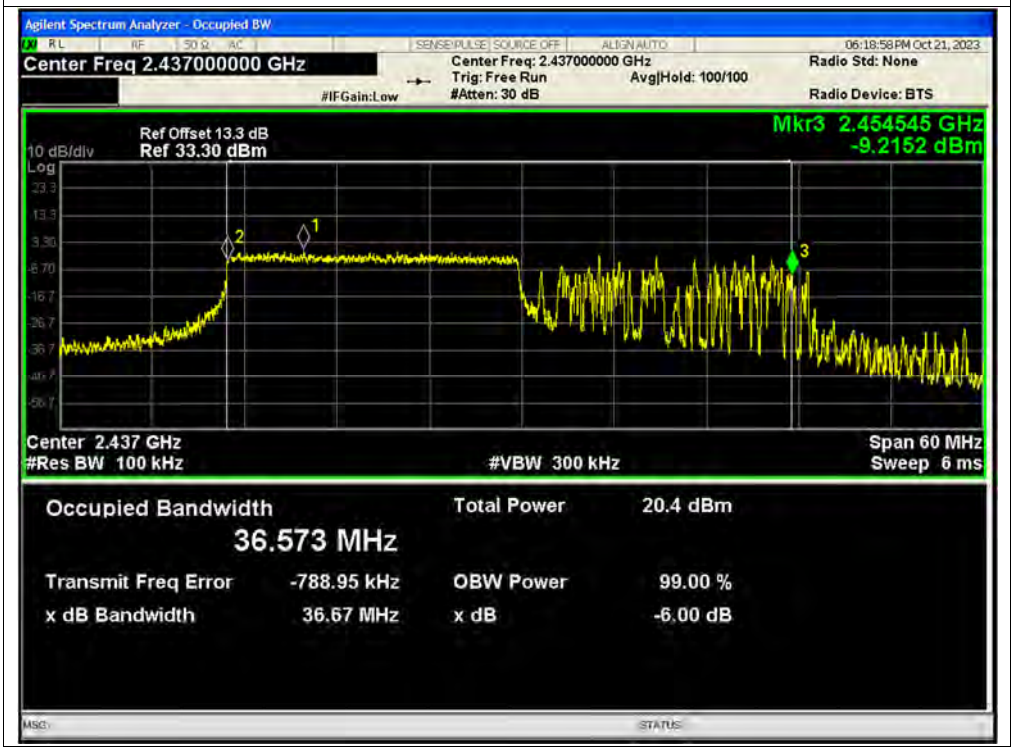


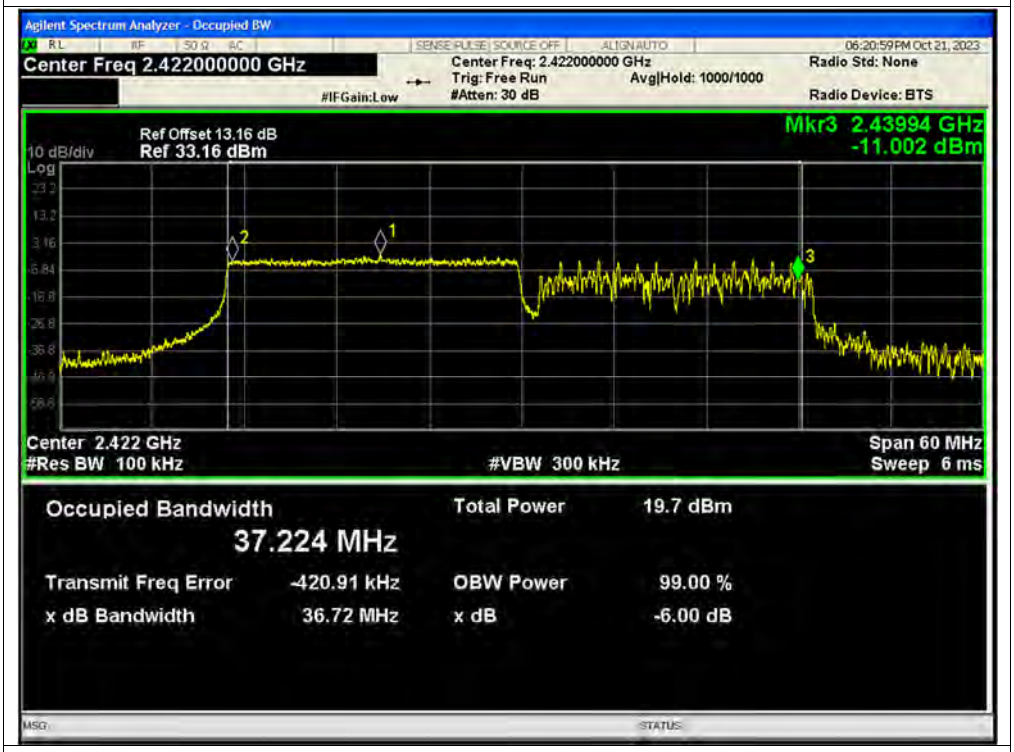
-6dB Bandwidth NVNT ax40 242@61 2422MHz Ant2 SISO




-6dB Bandwidth NVNT ax40 242@61 2437MHz Ant2 SISO

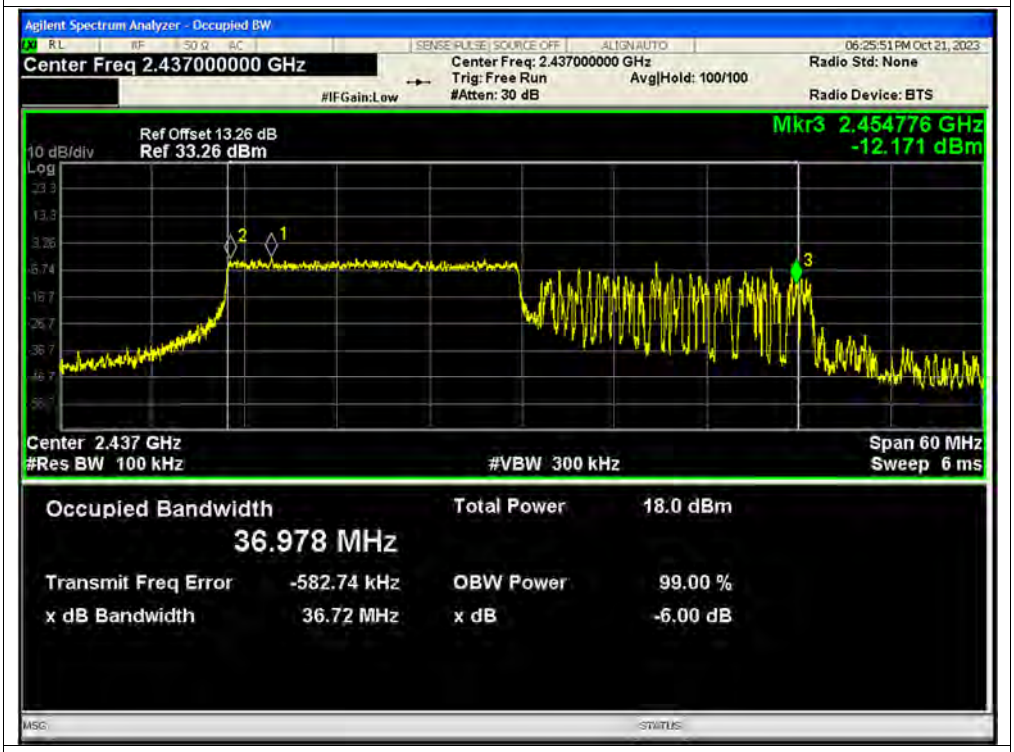


-6dB Bandwidth NVNT ax40 242@61 2422MHz Ant1 MIMO



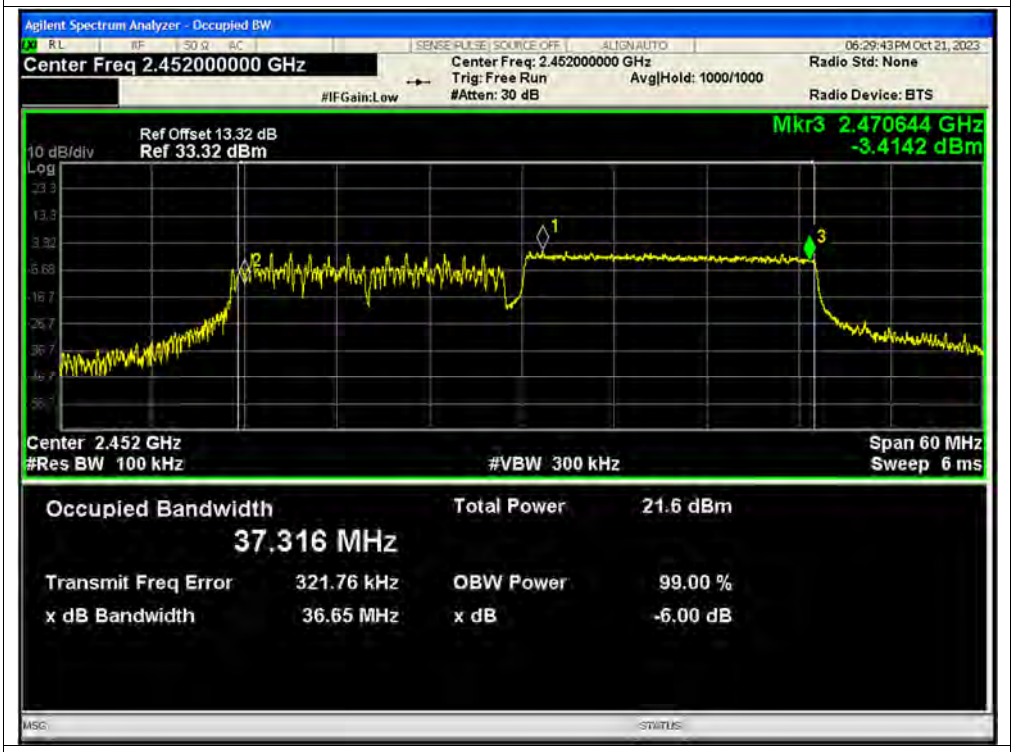

-6dB Bandwidth NVNT ax40 242@61 2422MHz Ant2 MIMO

-6dB Bandwidth NVNT ax40 242@61 2437MHz Ant1 MIMO

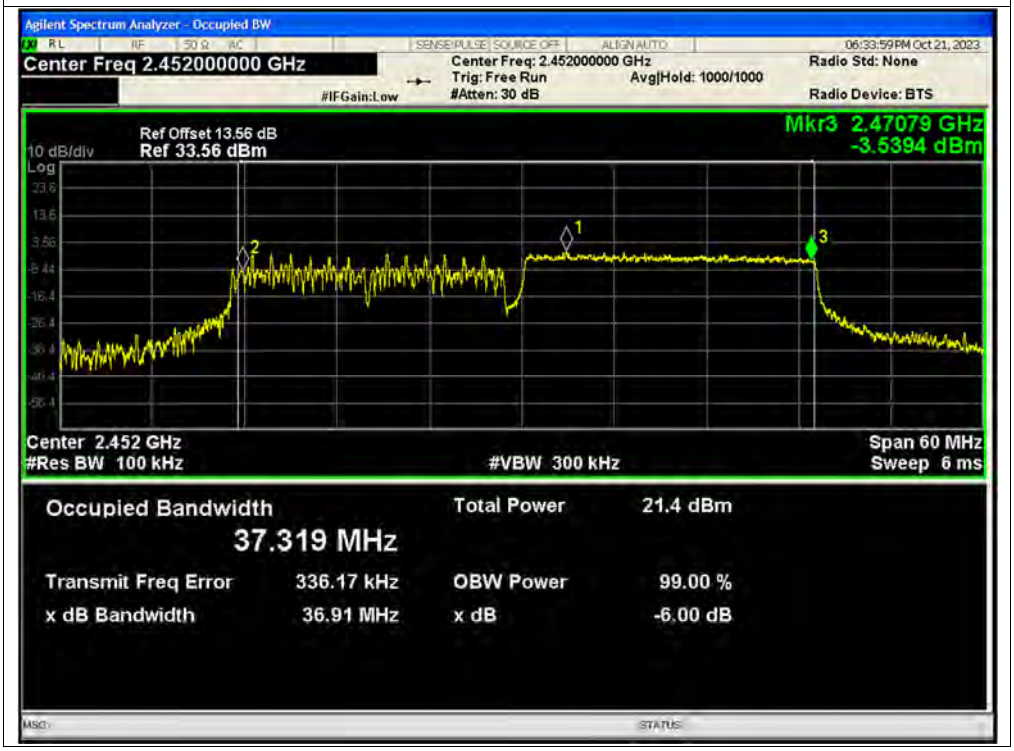



-6dB Bandwidth NVNT ax40 242@61 2437MHz Ant2 MIMO

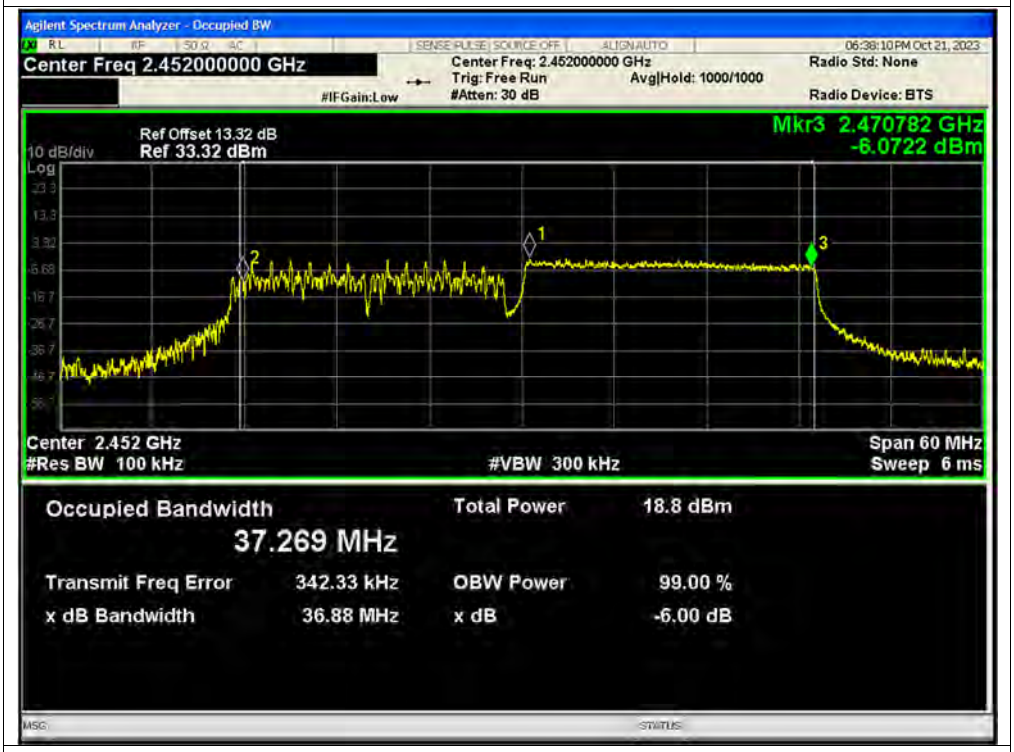
-6dB Bandwidth NVNT ax40 242@62 2452MHz Ant1 SISO



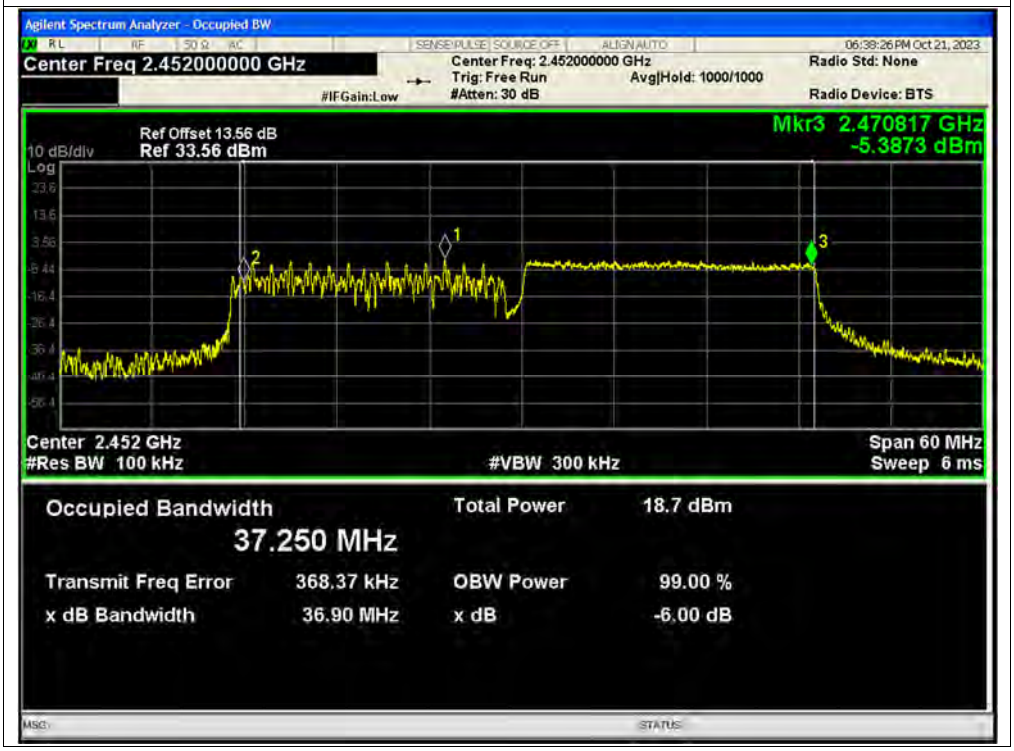

-6dB Bandwidth NVNT ax40 242@62 2452MHz Ant2 SISO



-6dB Bandwidth NVNT ax40 242@62 2452MHz Ant1 MIMO




-6dB Bandwidth NVNT ax40 242@62 2452MHz Ant2 MIMO



## A.5. Conducted Spurious Emissions

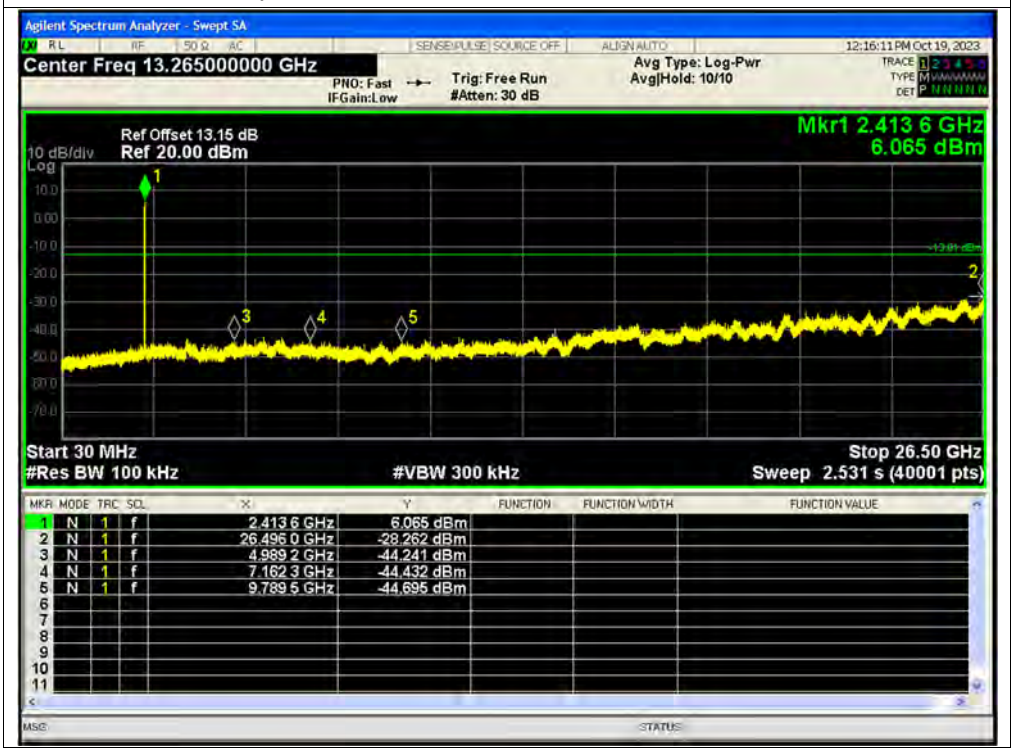
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|---|---|---|---|---|---|---|
| NVNT | b SISO | 2412 | Ant1 | -35.25 | -20 | Pass |
| NVNT | b SISO | 2437 | Ant1 | -33.28 | -20 | Pass |
| NVNT | b SISO | 2462 | Ant1 | -33.16 | -20 | Pass |
| NVNT | b SISO | 2412 | Ant2 | -33.97 | -20 | Pass |
| NVNT | b SISO | 2437 | Ant2 | -33.11 | -20 | Pass |
| NVNT | b SISO | 2462 | Ant2 | -32.64 | -20 | Pass |
| NVNT | g SISO | 2412 | Ant1 | -34.43 | -20 | Pass |
| NVNT | g SISO | 2437 | Ant1 | -32.78 | -20 | Pass |
| NVNT | g SISO | 2462 | Ant1 | -32.18 | -20 | Pass |
| NVNT | g SISO | 2412 | Ant2 | -30.53 | -20 | Pass |
| NVNT | g SISO | 2437 | Ant2 | -32.55 | -20 | Pass |
| NVNT | g SISO | 2462 | Ant2 | -29.05 | -20 | Pass |
| NVNT | n20 SISO | 2412 | Ant1 | -33.34 | -20 | Pass |
| NVNT | n20 SISO | 2437 | Ant1 | -32.1 | -20 | Pass |
| NVNT | n20 SISO | 2462 | Ant1 | -31 | -20 | Pass |
| NVNT | n20 SISO | 2412 | Ant2 | -32.15 | -20 | Pass |
| NVNT | n20 SISO | 2437 | Ant2 | -31.22 | -20 | Pass |
| NVNT | n20 SISO | 2462 | Ant2 | -29.42 | -20 | Pass |
| NVNT | n20 MIMO | 2412 | Ant1 | -33.88 | -20 | Pass |
| NVNT | n20 MIMO | 2412 | Ant2 | -33.71 | -20 | Pass |
| NVNT | n20 MIMO | 2437 | Ant1 | -34.68 | -20 | Pass |
| NVNT | n20 MIMO | 2437 | Ant2 | -31.76 | -20 | Pass |
| NVNT | n20 MIMO | 2462 | Ant1 | -33.32 | -20 | Pass |
| NVNT | n20 MIMO | 2462 | Ant2 | -31.82 | -20 | Pass |
| NVNT | n40 SISO | 2422 | Ant1 | -29.73 | -20 | Pass |
| NVNT | n40 SISO | 2437 | Ant1 | -27.33 | -20 | Pass |
| NVNT | n40 SISO | 2452 | Ant1 | -27.24 | -20 | Pass |
| NVNT | n40 SISO | 2422 | Ant2 | -27.79 | -20 | Pass |
| NVNT | n40 SISO | 2437 | Ant2 | -28.24 | -20 | Pass |
| NVNT | n40 SISO | 2452 | Ant2 | -28.43 | -20 | Pass |
| NVNT | n40 MIMO | 2422 | Ant1 | -30.25 | -20 | Pass |
| NVNT | n40 MIMO | 2422 | Ant2 | -29 | -20 | Pass |
| NVNT | n40 MIMO | 2437 | Ant1 | -27.61 | -20 | Pass |
| NVNT | n40 MIMO | 2437 | Ant2 | -29.65 | -20 | Pass |
| NVNT | n40 MIMO | 2452 | Ant1 | -28.34 | -20 | Pass |

| | | | | | | |
|---|---|---|---|---|---|---|
| NVNT | n40 MIMO | 2452 | Ant2 | -27.78 | -20 | Pass |
| NVNT | ax20 SISO | 2412 | Ant1 | -32.43 | -20 | Pass |
| NVNT | ax20 SISO | 2437 | Ant1 | -31.02 | -20 | Pass |
| NVNT | ax20 SISO | 2462 | Ant1 | -30.56 | -20 | Pass |
| NVNT | ax20 SISO | 2412 | Ant2 | -32.27 | -20 | Pass |
| NVNT | ax20 SISO | 2437 | Ant2 | -30.34 | -20 | Pass |
| NVNT | ax20 SISO | 2462 | Ant2 | -31.38 | -20 | Pass |
| NVNT | ax20 MIMO | 2412 | Ant1 | -34.67 | -20 | Pass |
| NVNT | ax20 MIMO | 2412 | Ant2 | -31.25 | -20 | Pass |
| NVNT | ax20 MIMO | 2437 | Ant1 | -32.89 | -20 | Pass |
| NVNT | ax20 MIMO | 2437 | Ant2 | -32.13 | -20 | Pass |
| NVNT | ax20 MIMO | 2462 | Ant1 | -32.52 | -20 | Pass |
| NVNT | ax20 MIMO | 2462 | Ant2 | -31.13 | -20 | Pass |
| NVNT | ax40 SISO | 2422 | Ant1 | -30.15 | -20 | Pass |
| NVNT | ax40 SISO | 2437 | Ant1 | -30.13 | -20 | Pass |
| NVNT | ax40 SISO | 2452 | Ant1 | -29.6 | -20 | Pass |
| NVNT | ax40 SISO | 2422 | Ant2 | -29.77 | -20 | Pass |
| NVNT | ax40 SISO | 2437 | Ant2 | -29.47 | -20 | Pass |
| NVNT | ax40 SISO | 2452 | Ant2 | -29.03 | -20 | Pass |
| NVNT | ax40 MIMO | 2422 | Ant1 | -31.79 | -20 | Pass |
| NVNT | ax40 MIMO | 2422 | Ant2 | -31.12 | -20 | Pass |
| NVNT | ax40 MIMO | 2437 | Ant1 | -31.1 | -20 | Pass |
| NVNT | ax40 MIMO | 2437 | Ant2 | -29.05 | -20 | Pass |
| NVNT | ax40 MIMO | 2452 | Ant1 | -30.82 | -20 | Pass |
| NVNT | ax40 MIMO | 2452 | Ant2 | -27.78 | -20 | Pass |
| NVNT | ax20 26@0 SISO | 2412 | Ant1 | -36.74 | -20 | Pass |
| NVNT | ax20 26@0 SISO | 2412 | Ant2 | -37.41 | -20 | Pass |
| NVNT | ax20 26@0 MIMO | 2412 | Ant1 | -38.95 | -20 | Pass |
| NVNT | ax20 26@0 MIMO | 2412 | Ant2 | -38.22 | -20 | Pass |
| NVNT | ax20 26@4 SISO | 2437 | Ant1 | -36.74 | -20 | Pass |
| NVNT | ax20 26@4 SISO | 2437 | Ant2 | -35.75 | -20 | Pass |
| NVNT | ax20 26@4 MIMO | 2437 | Ant1 | -38.02 | -20 | Pass |
| NVNT | ax20 26@4 MIMO | 2437 | Ant2 | -37.94 | -20 | Pass |
| NVNT | ax20 26@8 SISO | 2462 | Ant1 | -35.7 | -20 | Pass |
| NVNT | ax20 26@8 SISO | 2462 | Ant2 | -36.2 | -20 | Pass |
| NVNT | ax20 26@8 MIMO | 2462 | Ant1 | -36.89 | -20 | Pass |
| NVNT | ax20 26@8 MIMO | 2462 | Ant2 | -37.13 | -20 | Pass |
| NVNT | ax20 52@37 SISO | 2412 | Ant1 | -35.62 | -20 | Pass |

| | | | | | | |
|---|---|---|---|---|---|---|
| NVNT | ax20 52@37 SISO | 2412 | Ant2 | -34.16 | -20 | Pass |
| NVNT | ax20 52@37 MIMO | 2412 | Ant1 | -35.72 | -20 | Pass |
| NVNT | ax20 52@37 MIMO | 2412 | Ant2 | -33.57 | -20 | Pass |
| NVNT | ax20 52@38 SISO | 2437 | Ant1 | -34.3 | -20 | Pass |
| NVNT | ax20 52@38 SISO | 2437 | Ant2 | -33.67 | -20 | Pass |
| NVNT | ax20 52@38 MIMO | 2437 | Ant1 | -34.24 | -20 | Pass |
| NVNT | ax20 52@38 MIMO | 2437 | Ant2 | -33.54 | -20 | Pass |
| NVNT | ax20 52@40 SISO | 2462 | Ant1 | -32.77 | -20 | Pass |
| NVNT | ax20 52@40 SISO | 2462 | Ant2 | -31.2 | -20 | Pass |
| NVNT | ax20 52@40 MIMO | 2462 | Ant1 | -33.34 | -20 | Pass |
| NVNT | ax20 52@40 MIMO | 2462 | Ant2 | -33.07 | -20 | Pass |
| NVNT | ax20 106@53 SISO | 2412 | Ant1 | -32.22 | -20 | Pass |
| NVNT | ax20 106@53 SISO | 2437 | Ant1 | -32.36 | -20 | Pass |
| NVNT | ax20 106@53 SISO | 2412 | Ant2 | -31.71 | -20 | Pass |
| NVNT | ax20 106@53 SISO | 2437 | Ant2 | -29.99 | -20 | Pass |
| NVNT | ax20 106@53 MIMO | 2412 | Ant1 | -33.28 | -20 | Pass |
| NVNT | ax20 106@53 MIMO | 2412 | Ant2 | -31.1 | -20 | Pass |
| NVNT | ax20 106@53 MIMO | 2437 | Ant1 | -32.28 | -20 | Pass |
| NVNT | ax20 106@53 MIMO | 2437 | Ant2 | -30.74 | -20 | Pass |
| NVNT | ax20 106@54 SISO | 2462 | Ant1 | -30.74 | -20 | Pass |
| NVNT | ax20 106@54 SISO | 2462 | Ant2 | -29.66 | -20 | Pass |
| NVNT | ax20 106@54 MIMO | 2462 | Ant1 | -30.84 | -20 | Pass |
| NVNT | ax20 106@54 MIMO | 2462 | Ant2 | -28.43 | -20 | Pass |
| NVNT | ax40 242@61 SISO | 2422 | Ant1 | -28.6 | -20 | Pass |
| NVNT | ax40 242@61 SISO | 2437 | Ant1 | -28.74 | -20 | Pass |
| NVNT | ax40 242@61 SISO | 2422 | Ant2 | -28.65 | -20 | Pass |
| NVNT | ax40 242@61 SISO | 2437 | Ant2 | -27.89 | -20 | Pass |
| NVNT | ax40 242@61 MIMO | 2422 | Ant1 | -28.56 | -20 | Pass |
| NVNT | ax40 242@61 MIMO | 2422 | Ant2 | -27.76 | -20 | Pass |
| NVNT | ax40 242@61 MIMO | 2437 | Ant1 | -28.9 | -20 | Pass |
| NVNT | ax40 242@61 MIMO | 2437 | Ant2 | -27.62 | -20 | Pass |
| NVNT | ax40 242@62 SISO | 2452 | Ant1 | -28.62 | -20 | Pass |
| NVNT | ax40 242@62 SISO | 2452 | Ant2 | -27.68 | -20 | Pass |
| NVNT | ax40 242@62 MIMO | 2452 | Ant1 | -27.66 | -20 | Pass |
| NVNT | ax40 242@62 MIMO | 2452 | Ant2 | -28.07 | -20 | Pass |

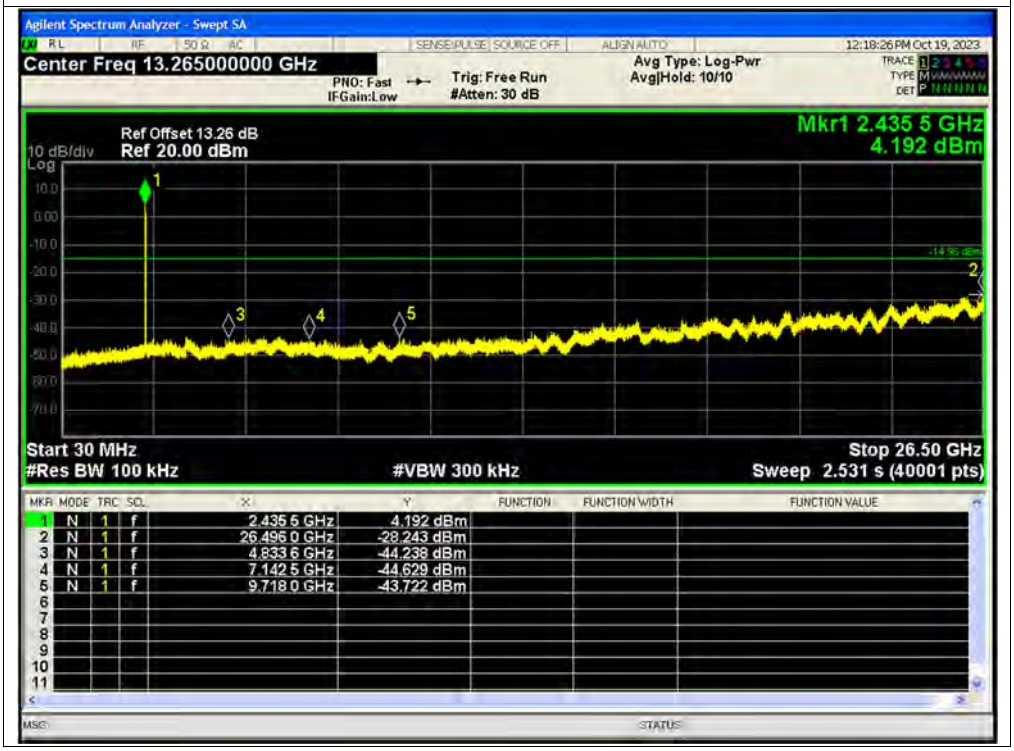
| Test Graphs |
| --- |
| Tx. Spurious NVNT b 2412MHz Ant1 Ref SISO |

| Tx. Spurious NVNT b 2412MHz Ant1 Emission SISO |
| --- |



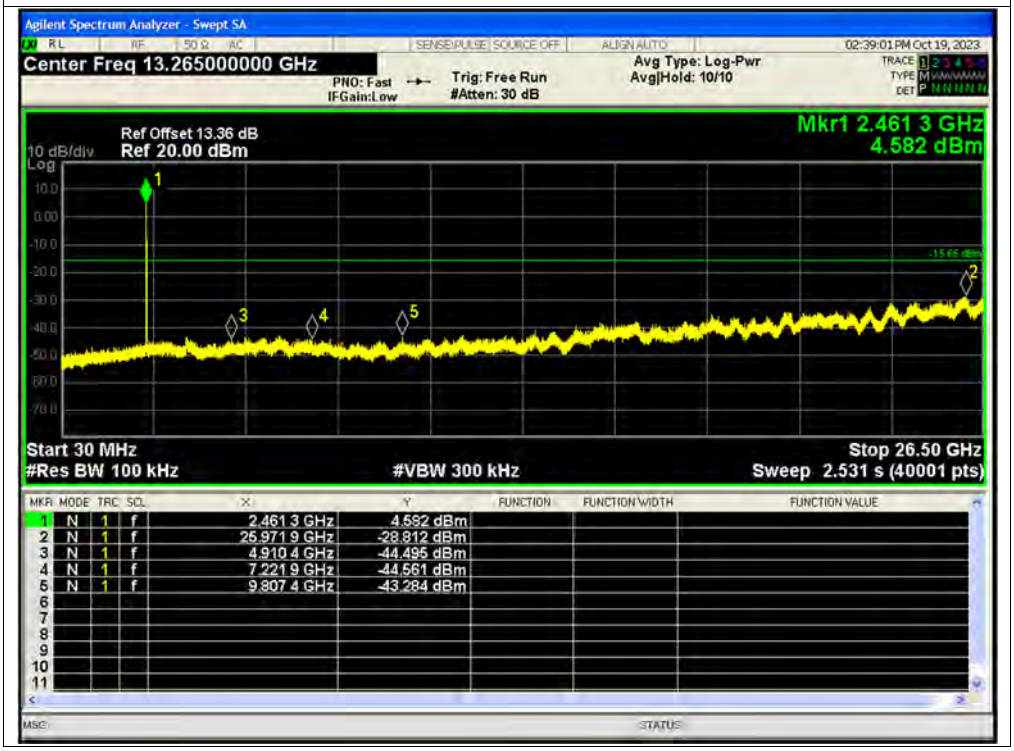
Tx. Spurious NVNT b 2437MHz Ant1 Ref SISO

Tx. Spurious NVNT b 2437MHz Ant1 Emission SISO



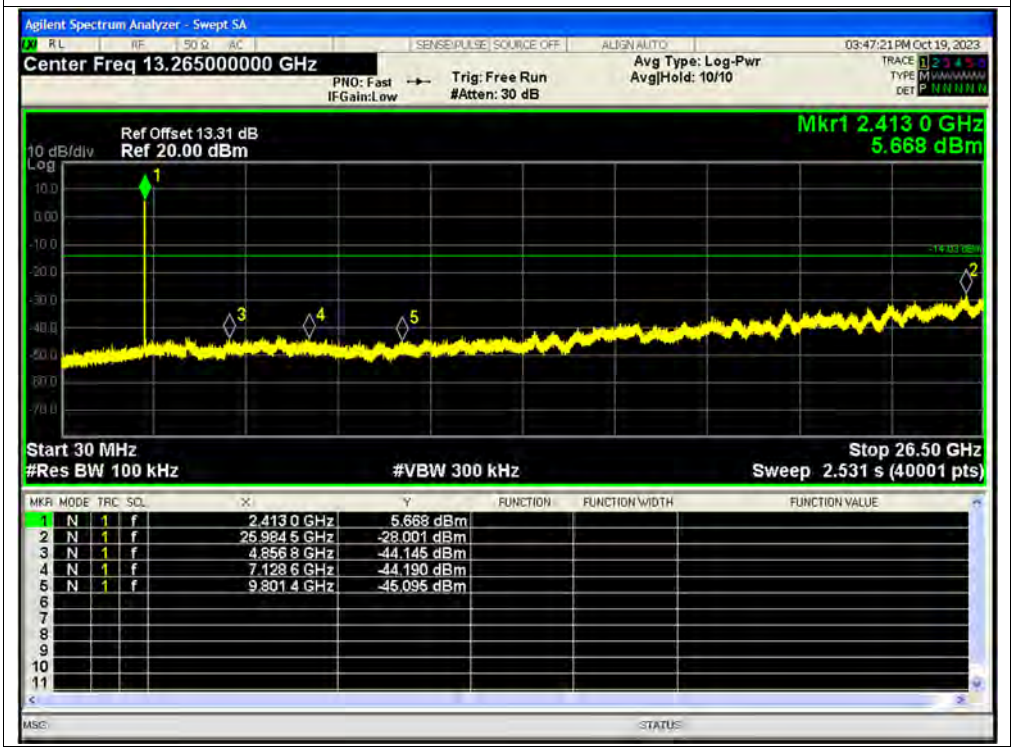
Tx. Spurious NVNT b 2462MHz Ant1 Ref SISO

Tx. Spurious NVNT b 2462MHz Ant1 Emission SISO



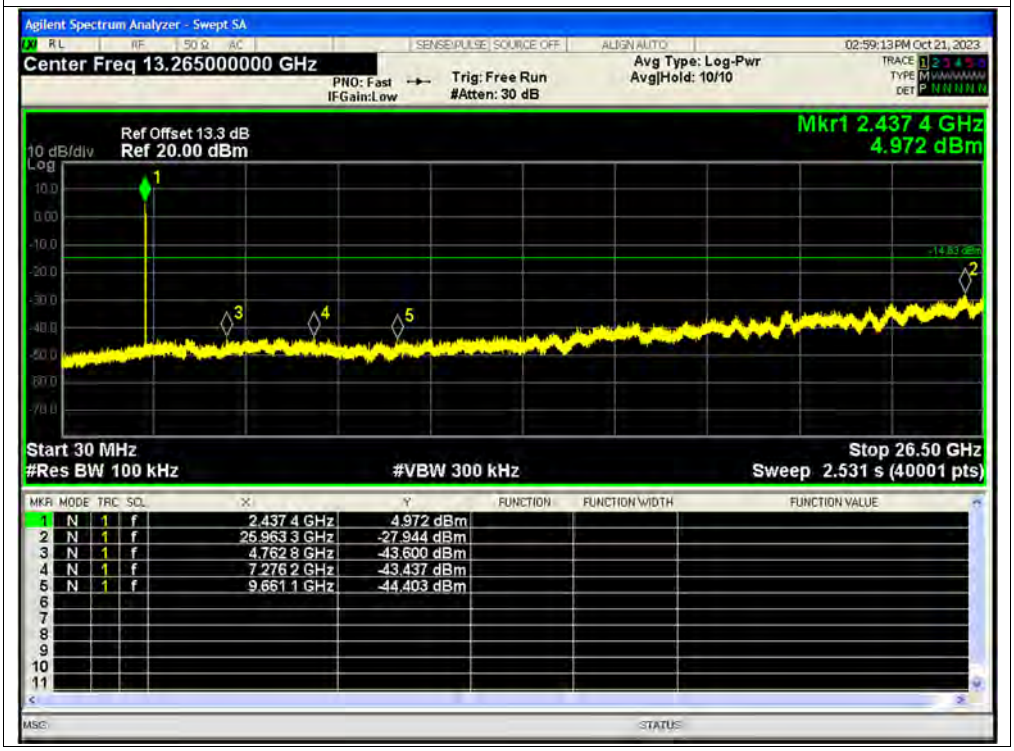
Tx. Spurious NVNT b 2412MHz Ant2 Ref SISO

Tx. Spurious NVNT b 2412MHz Ant2 Emission SISO



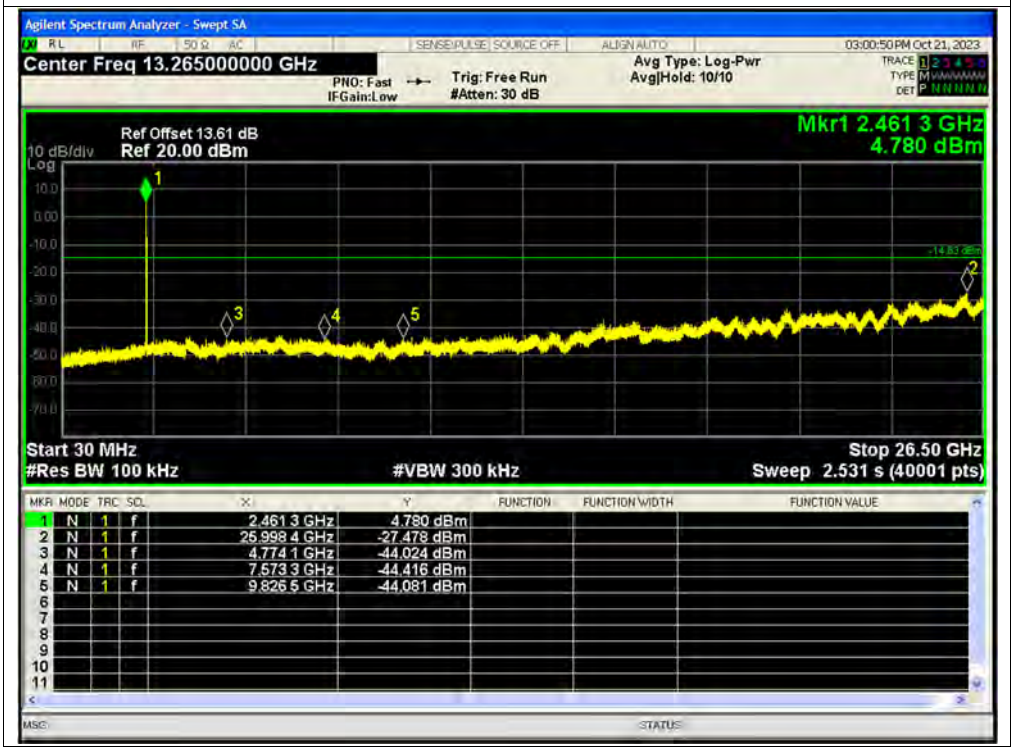
Tx. Spurious NVNT b 2437MHz Ant2 Ref SISO

Tx. Spurious NVNT b 2437MHz Ant2 Emission SISO



Tx. Spurious NVNT b 2462MHz Ant2 Ref SISO

Tx. Spurious NVNT b 2462MHz Ant2 Emission SISO



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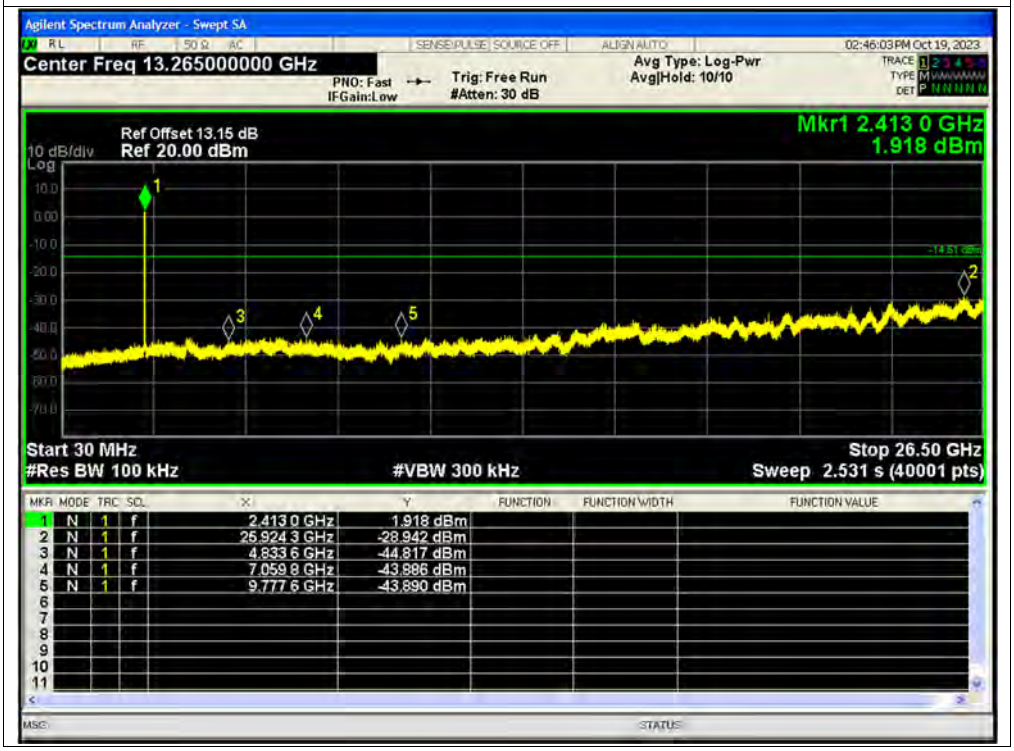
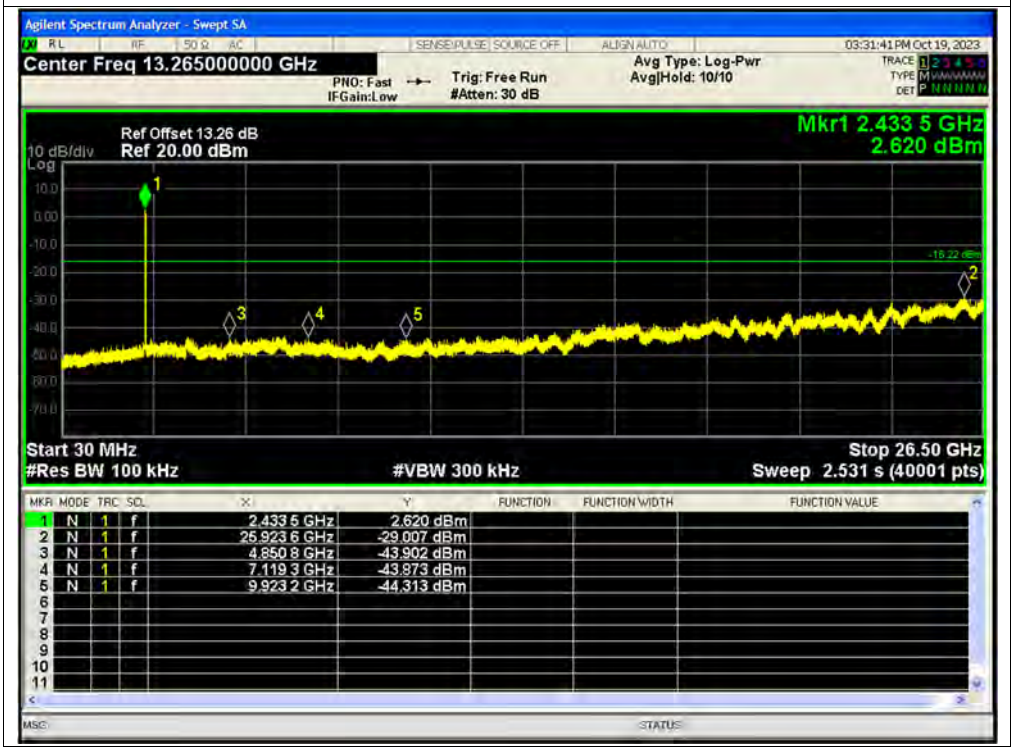
Tx. Spurious NVNT g 2412MHz Ant1 Emission SISO



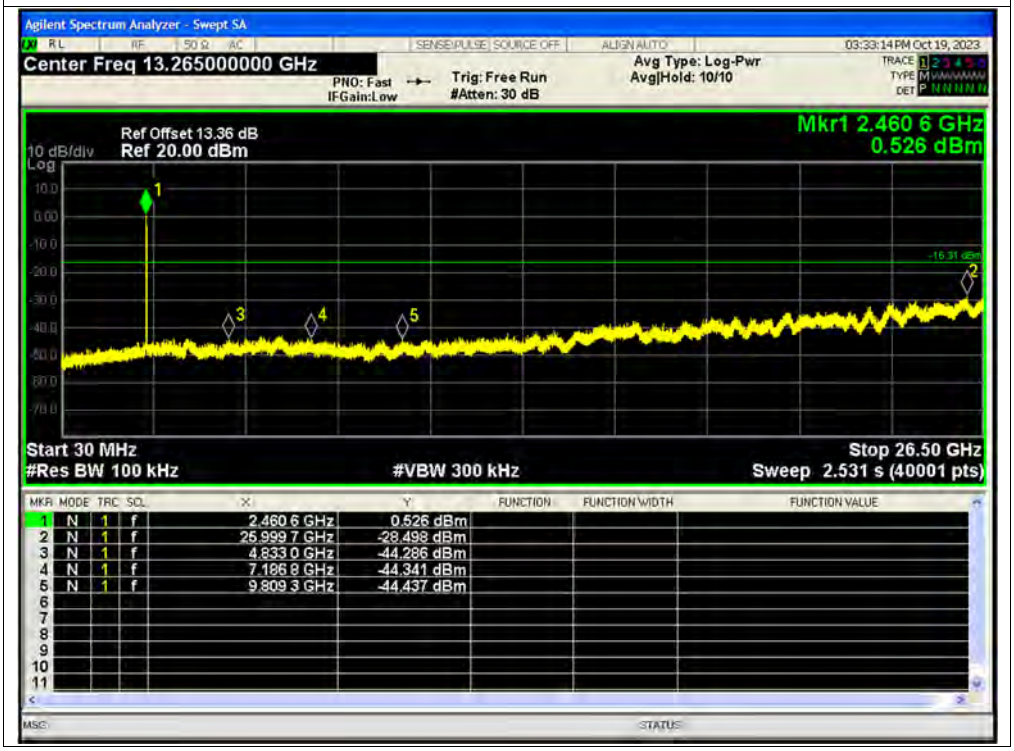
Tx. Spurious NVNT g 2437MHz Ant1 Ref SISO

Tx. Spurious NVNT g 2437MHz Ant1 Emission SISO



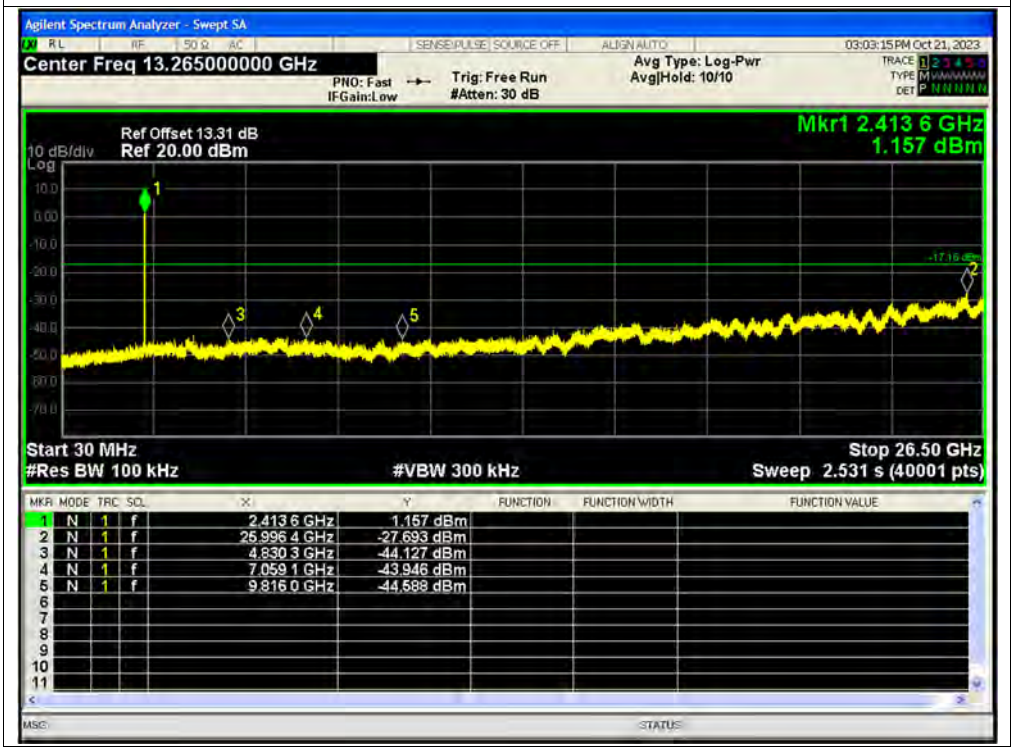
Tx. Spurious NVNT g 2462MHz Ant1 Ref SISO

Tx. Spurious NVNT g 2462MHz Ant1 Emission SISO



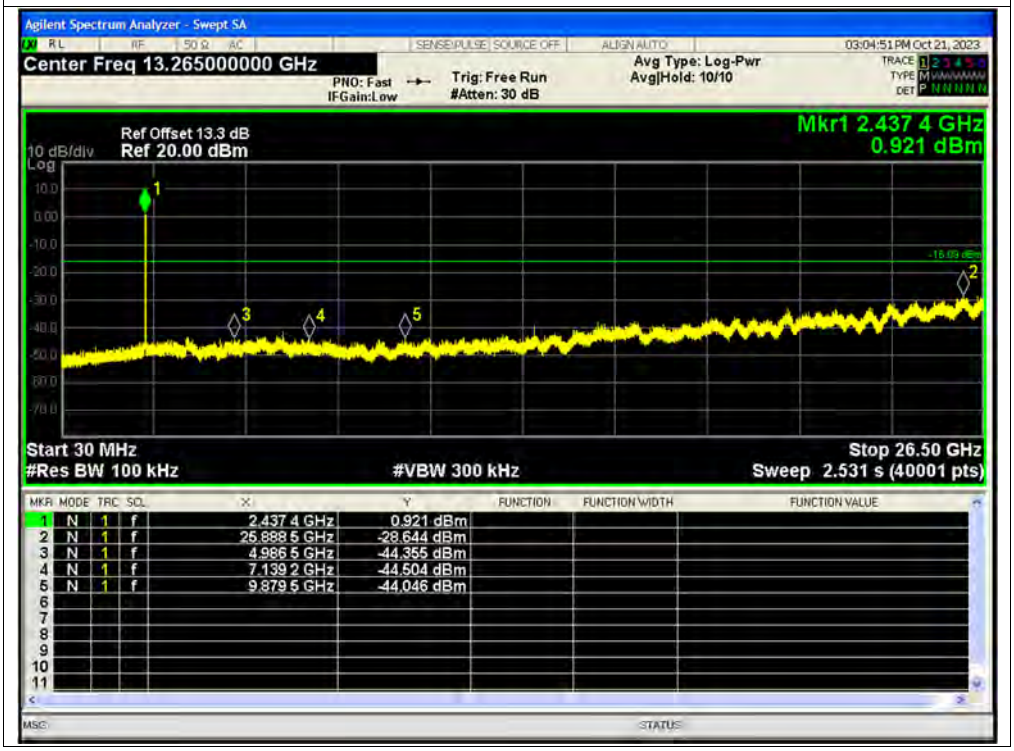
Tx. Spurious NVNT g 2412MHz Ant2 Ref SISO

Tx. Spurious NVNT g 2412MHz Ant2 Emission SISO



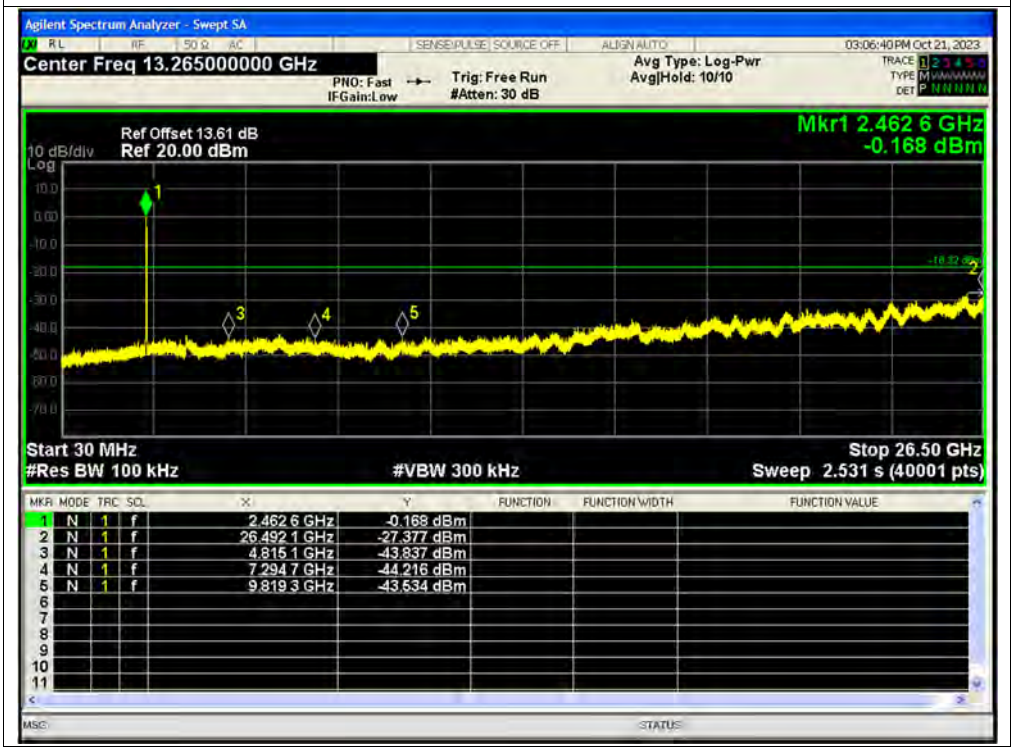
Tx. Spurious NVNT g 2437MHz Ant2 Ref SISO

Tx. Spurious NVNT g 2437MHz Ant2 Emission SISO



Tx. Spurious NVNT g 2462MHz Ant2 Ref SISO

Tx. Spurious NVNT g 2462MHz Ant2 Emission SISO



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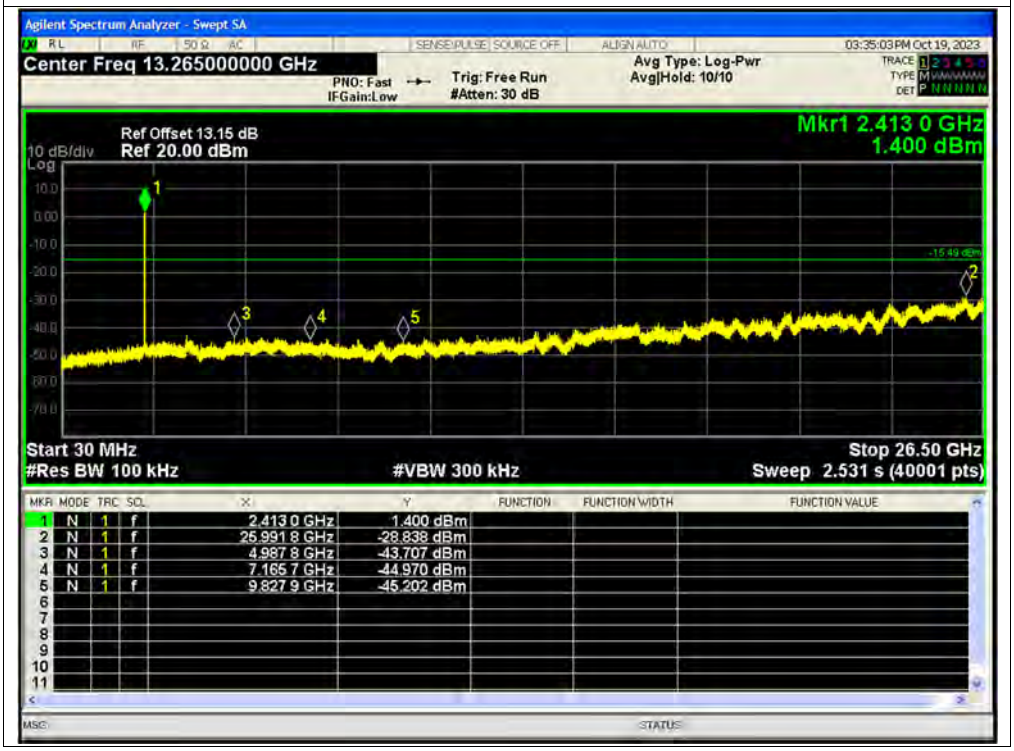
Tx. Spurious NVNT n20 2412MHz Ant1 Emission SISO



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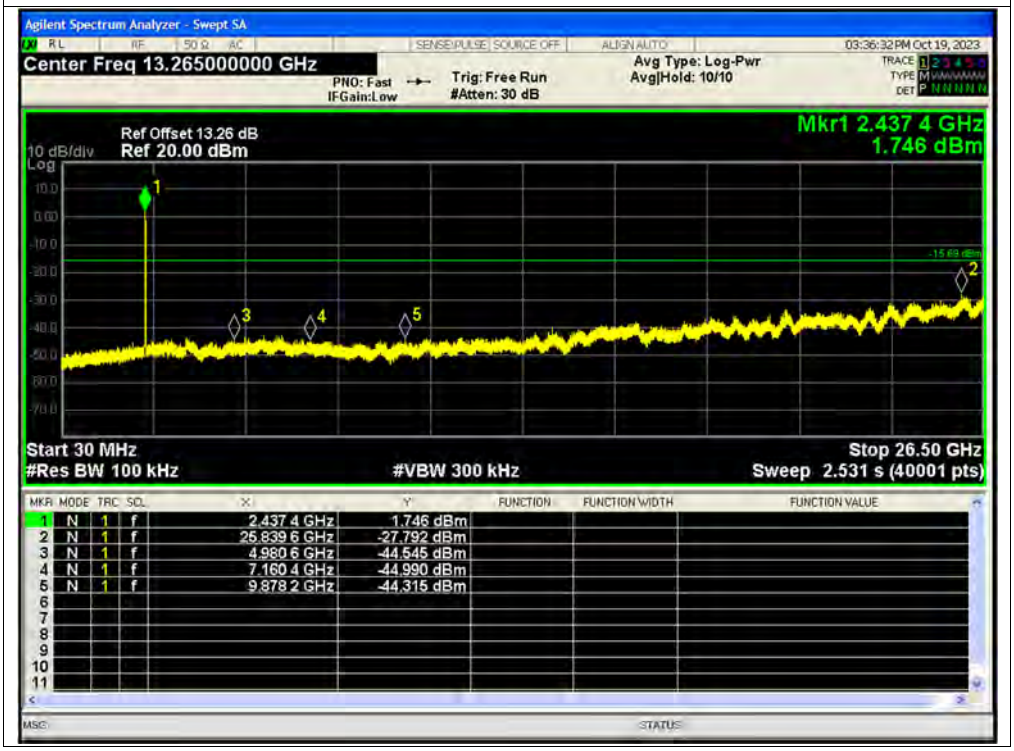

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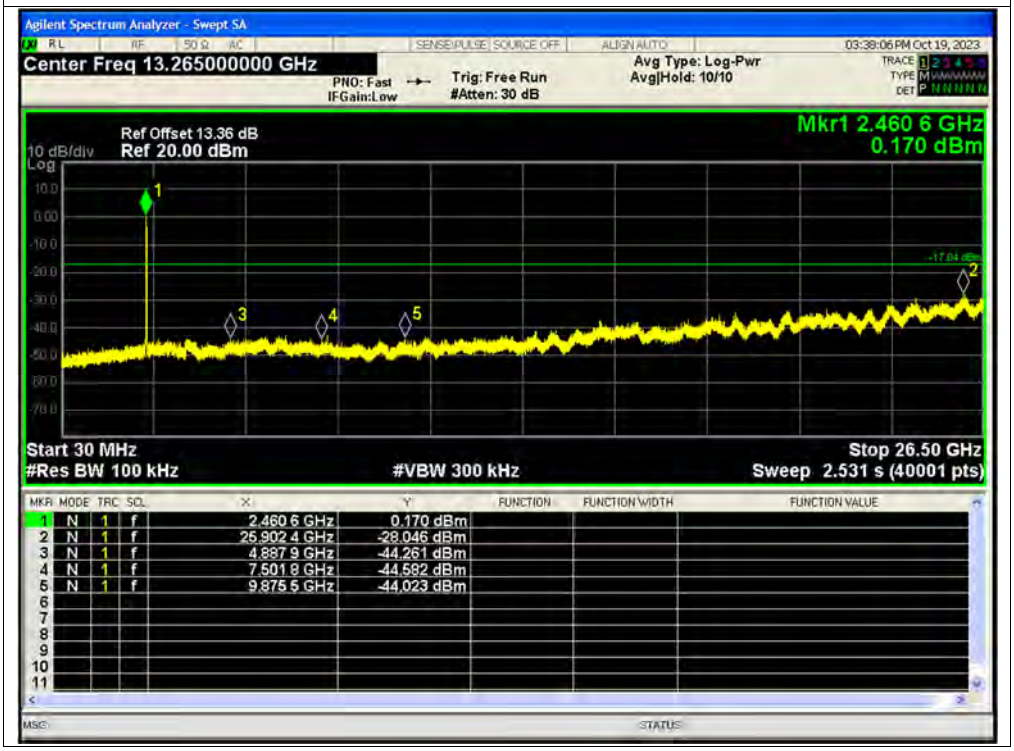

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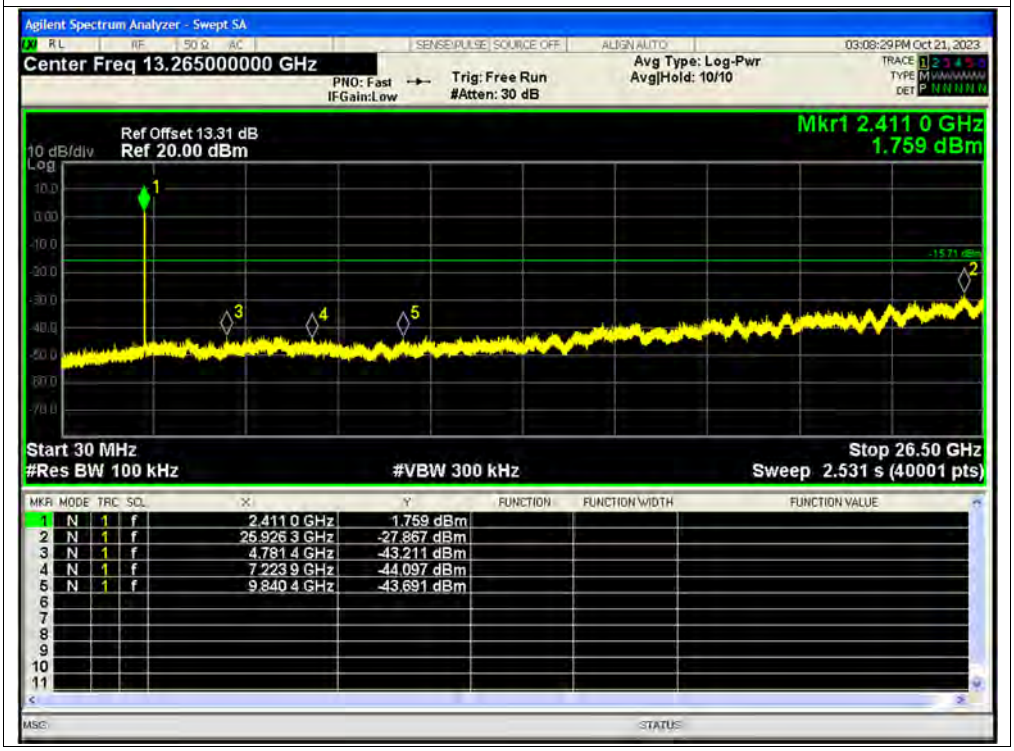

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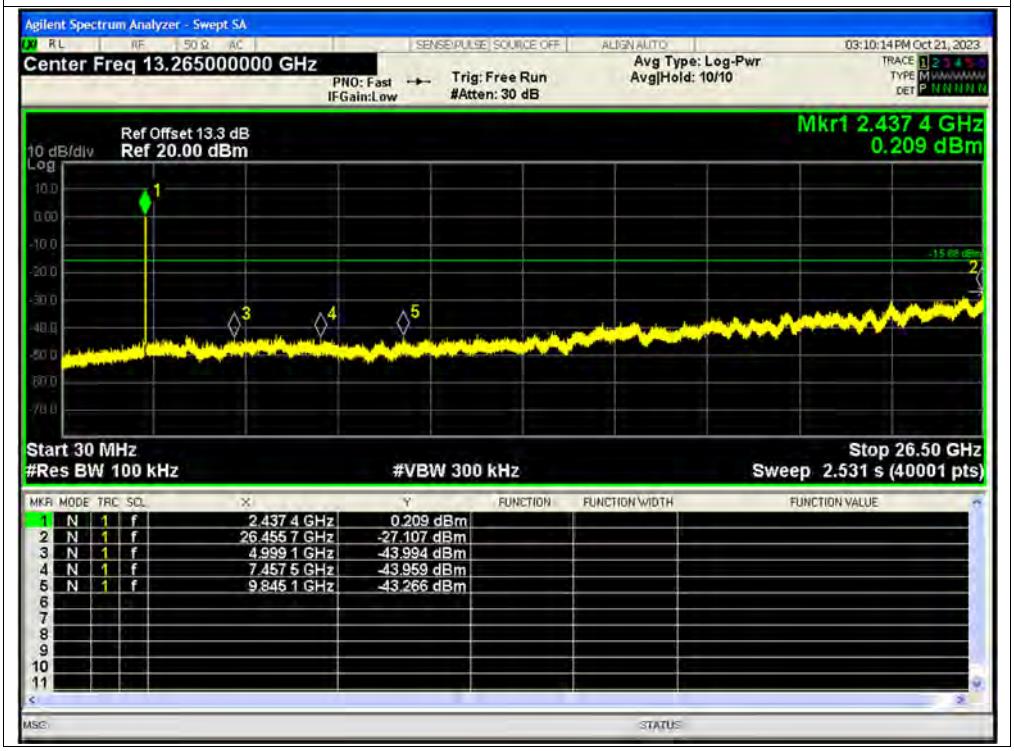

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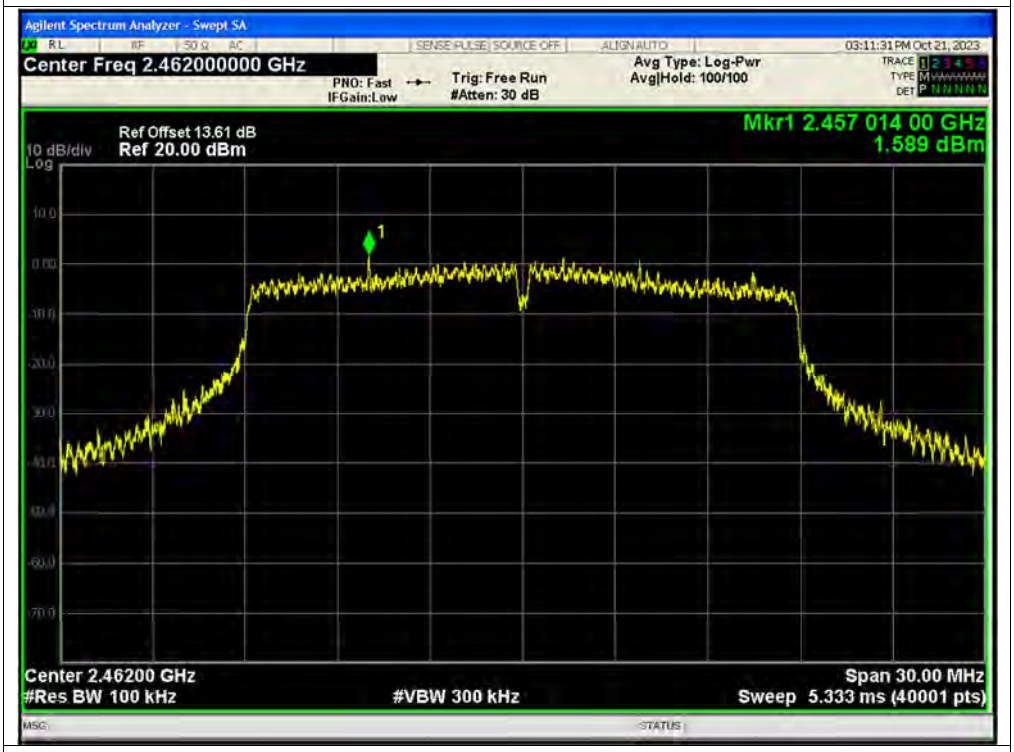


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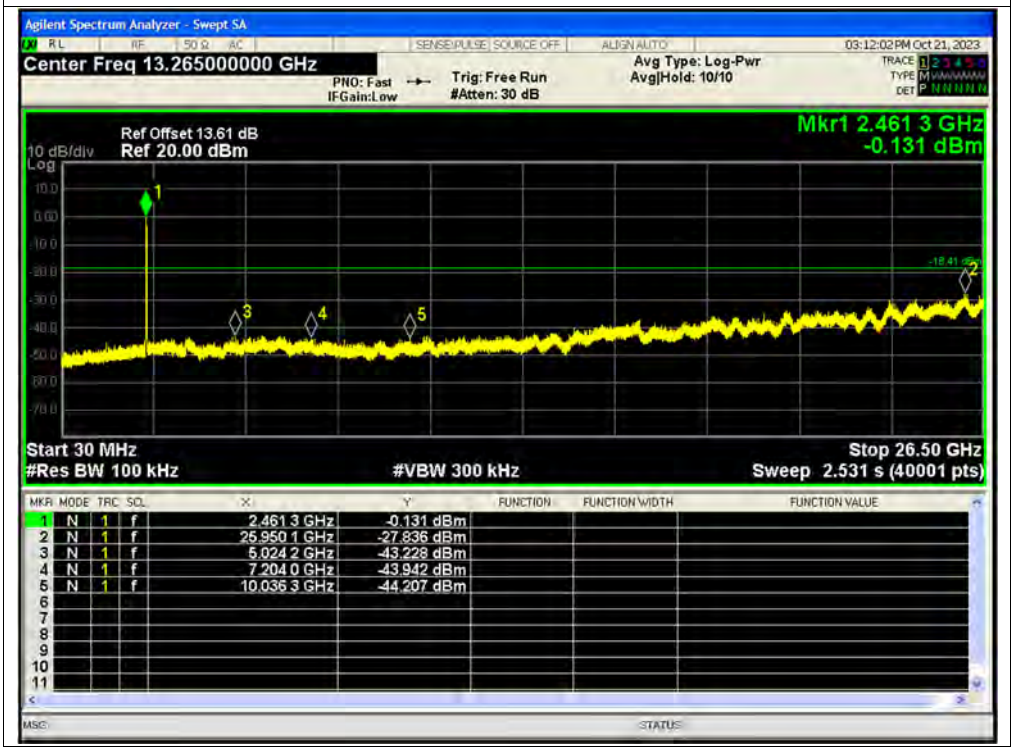
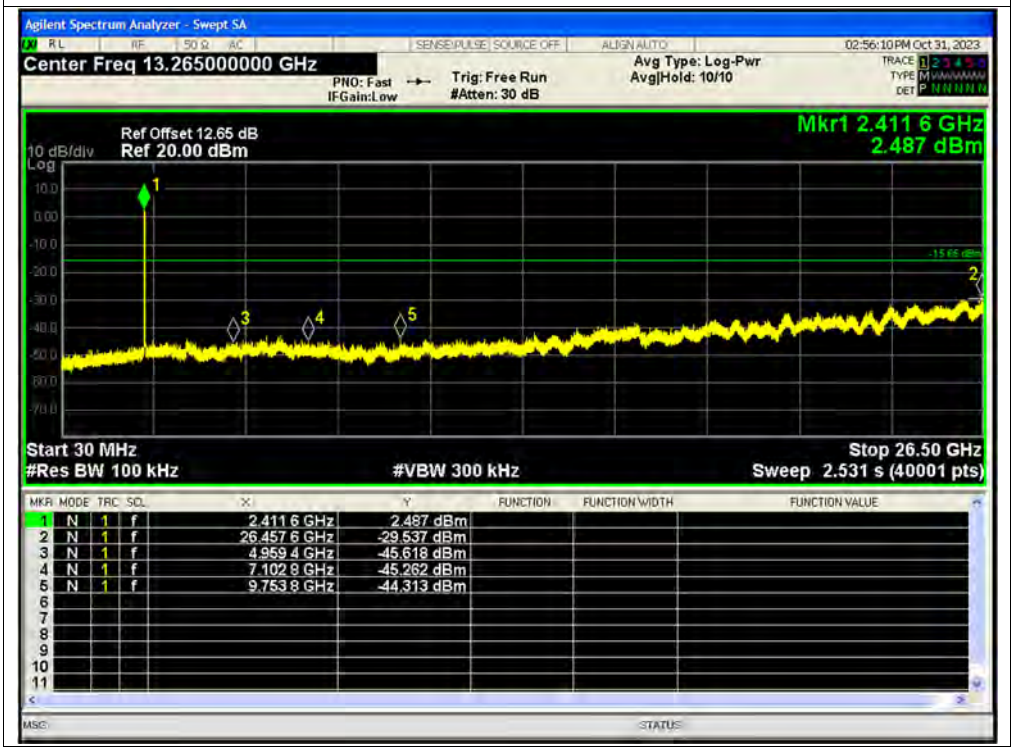


Tx. Spurious NVNT n20 2412MHz Ant1 Ref MIMO

Tx. Spurious NVNT n20 2412MHz Ant1 Emission MIMO



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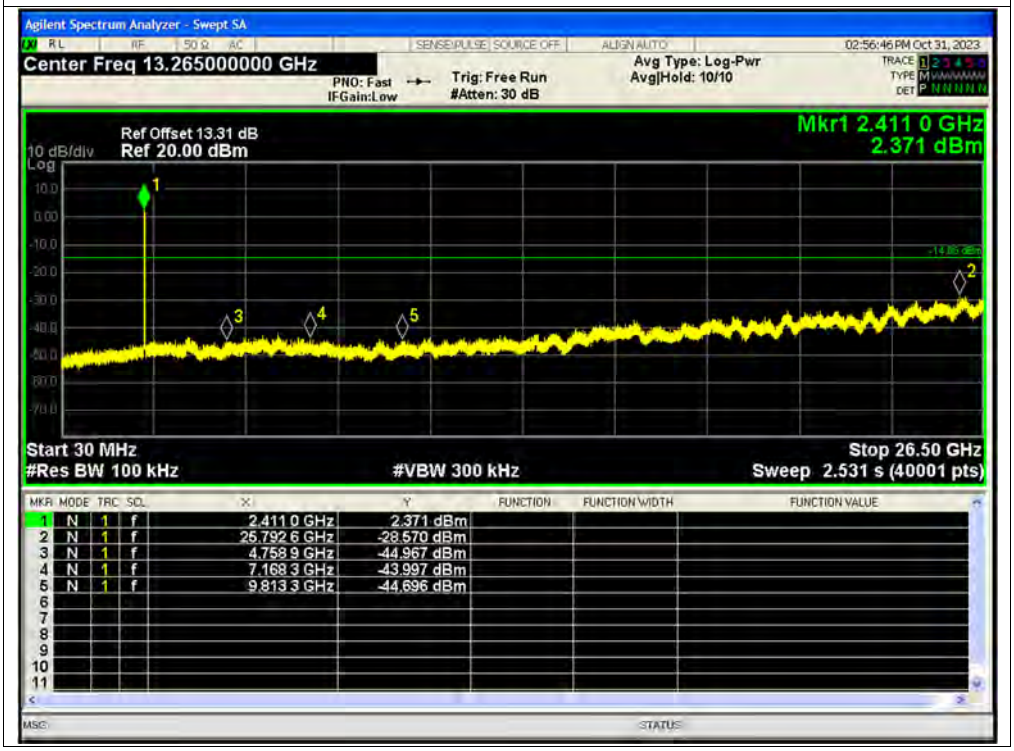

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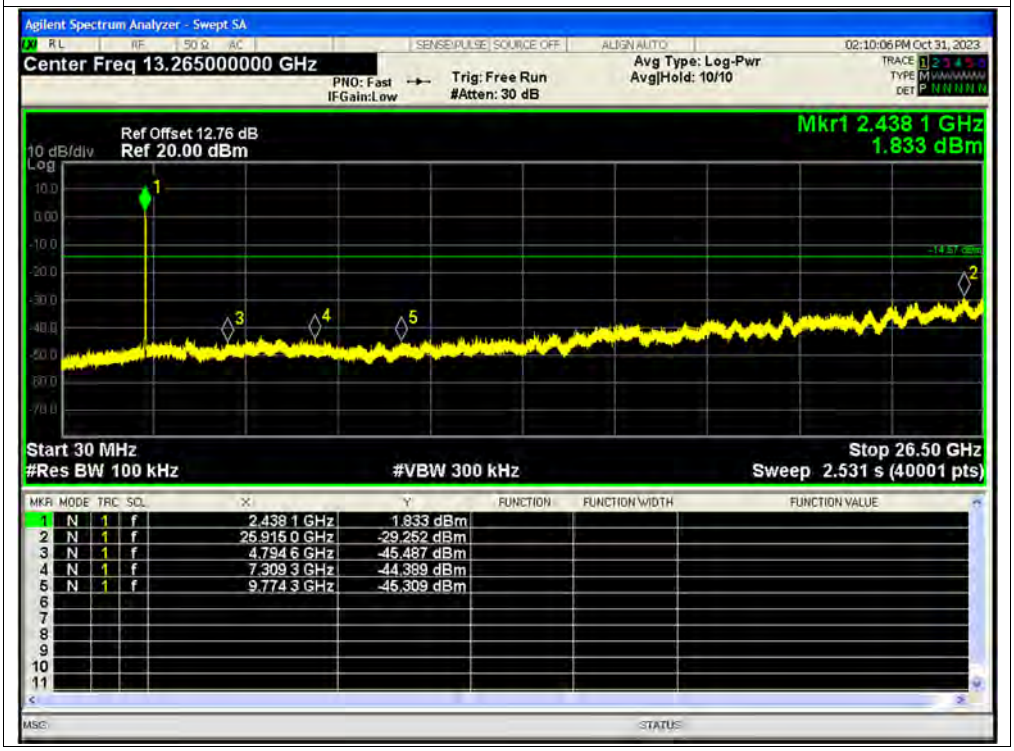

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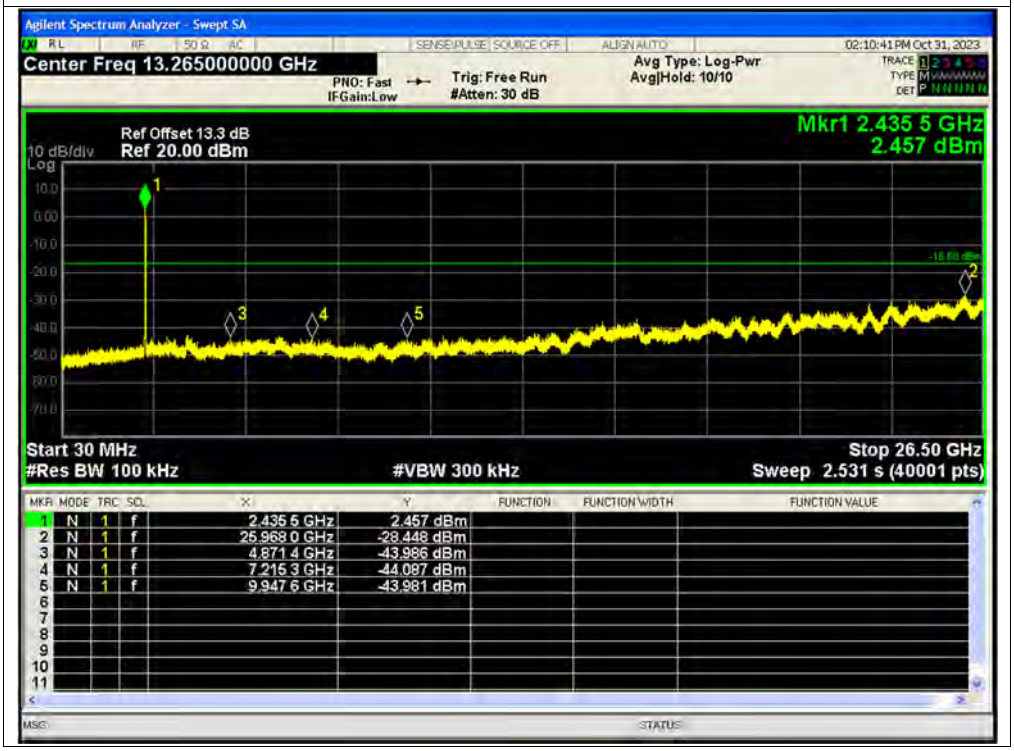

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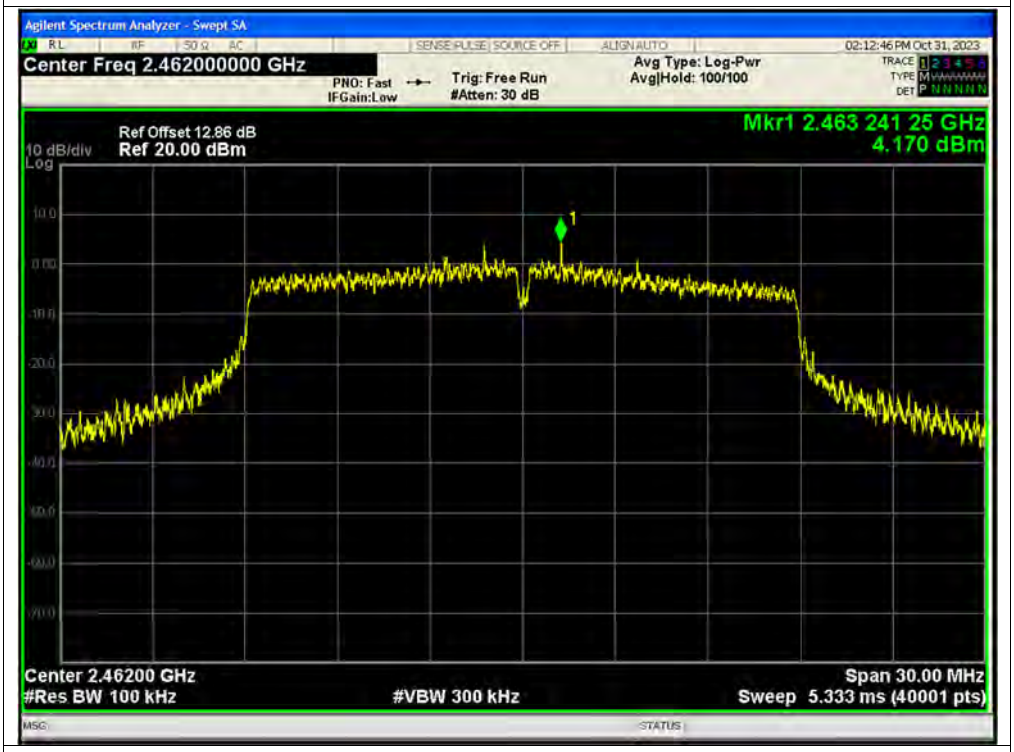


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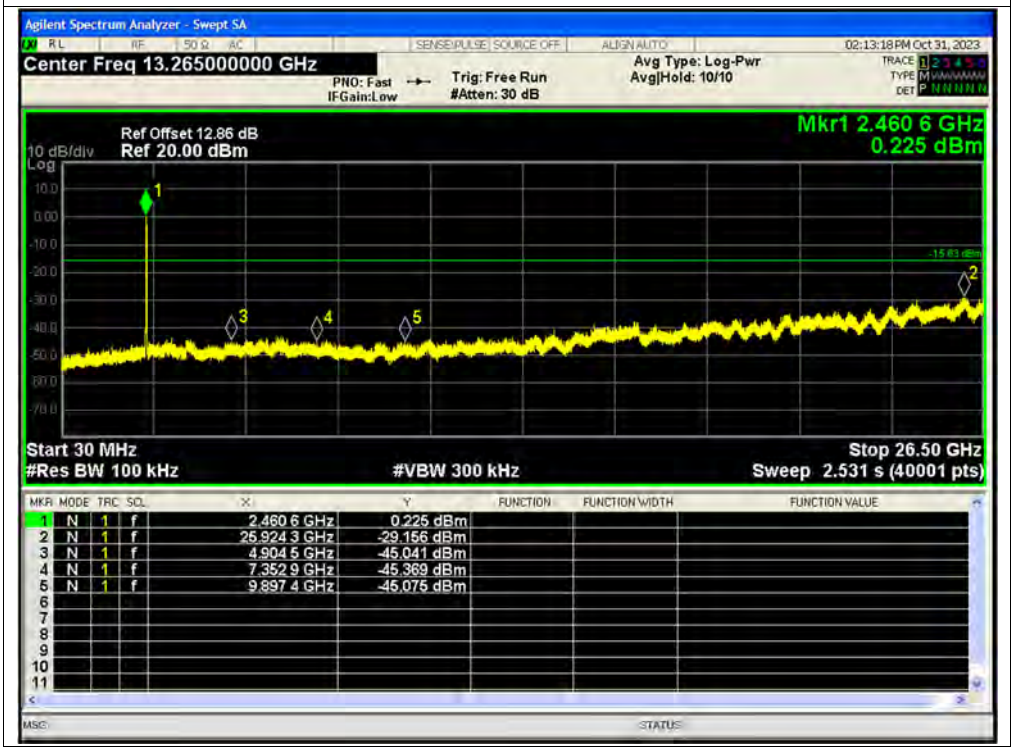

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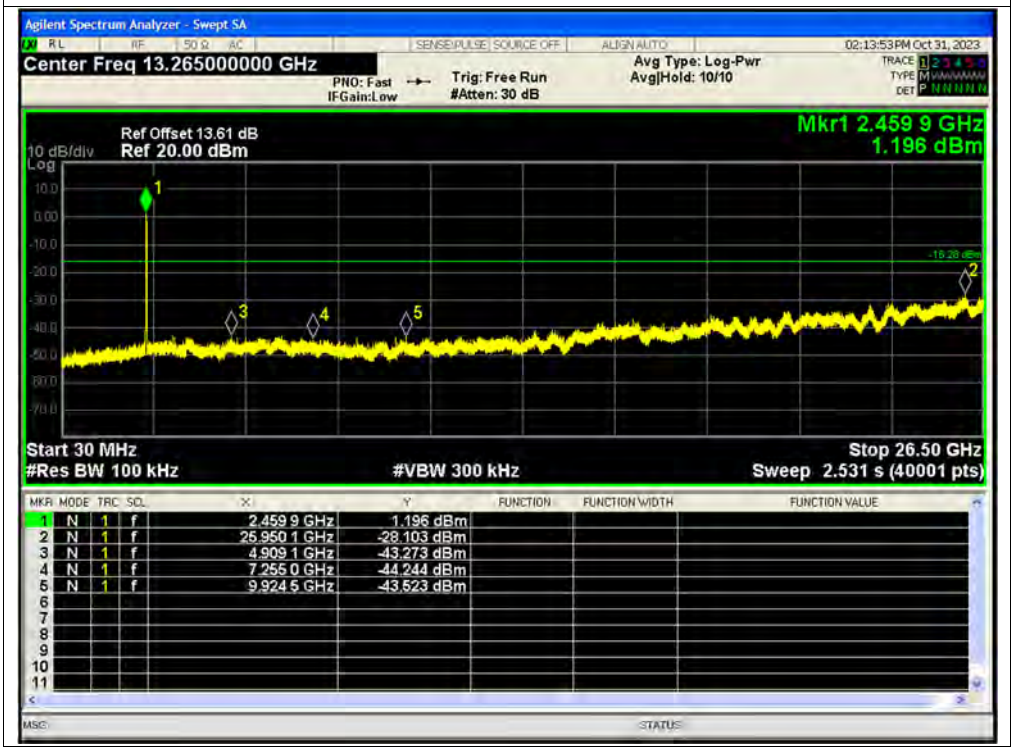
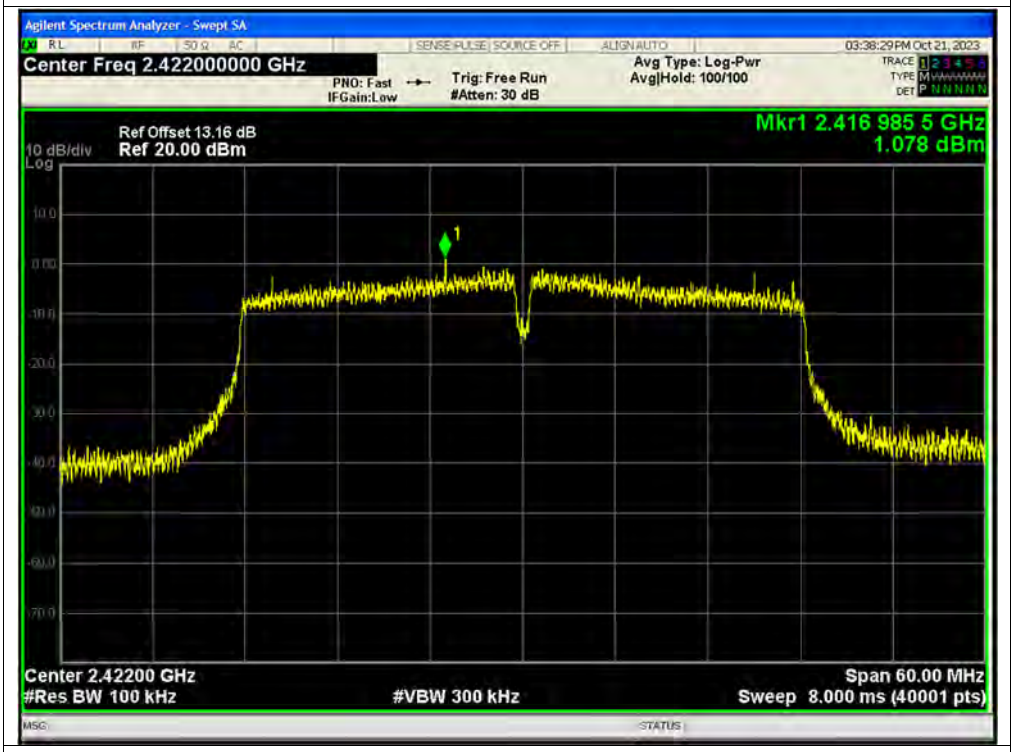
Tx. Spurious NVNT n20 2462MHz Ant2 Emission MIMO



Tx. Spurious NVNT n40 2422MHz Ant1 Ref SISO

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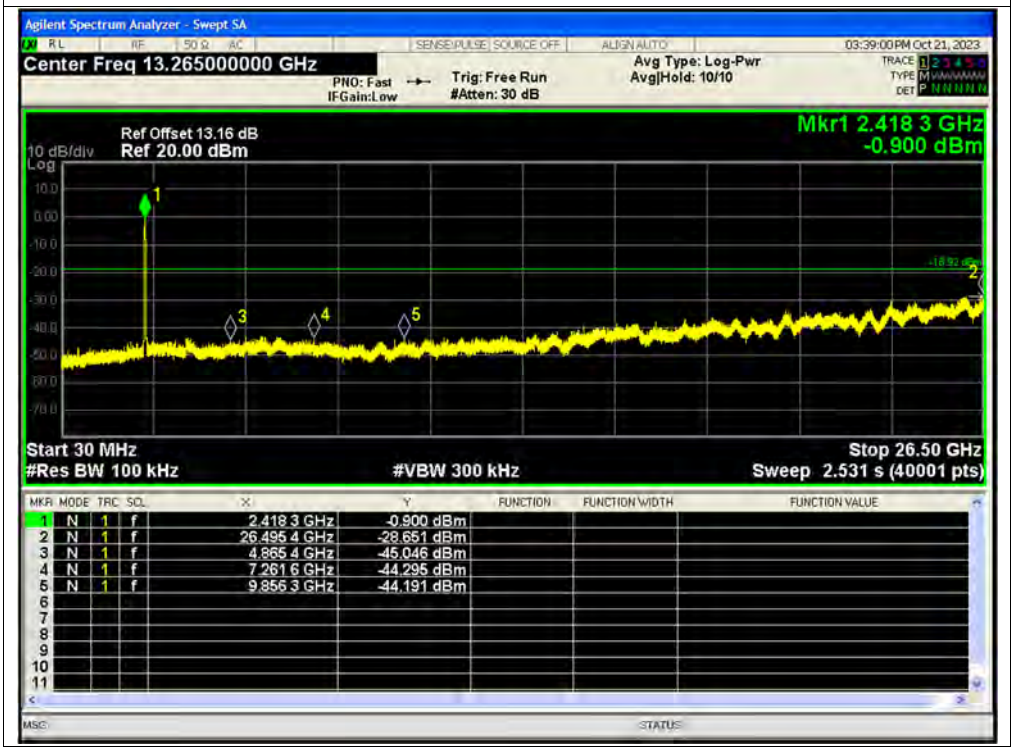

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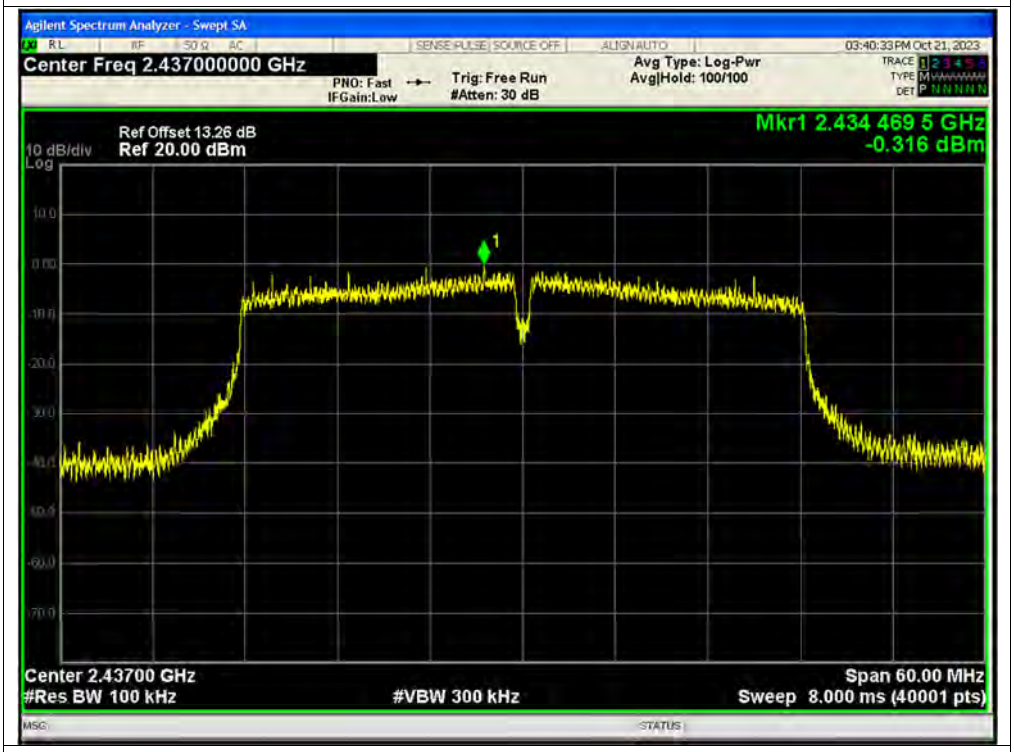


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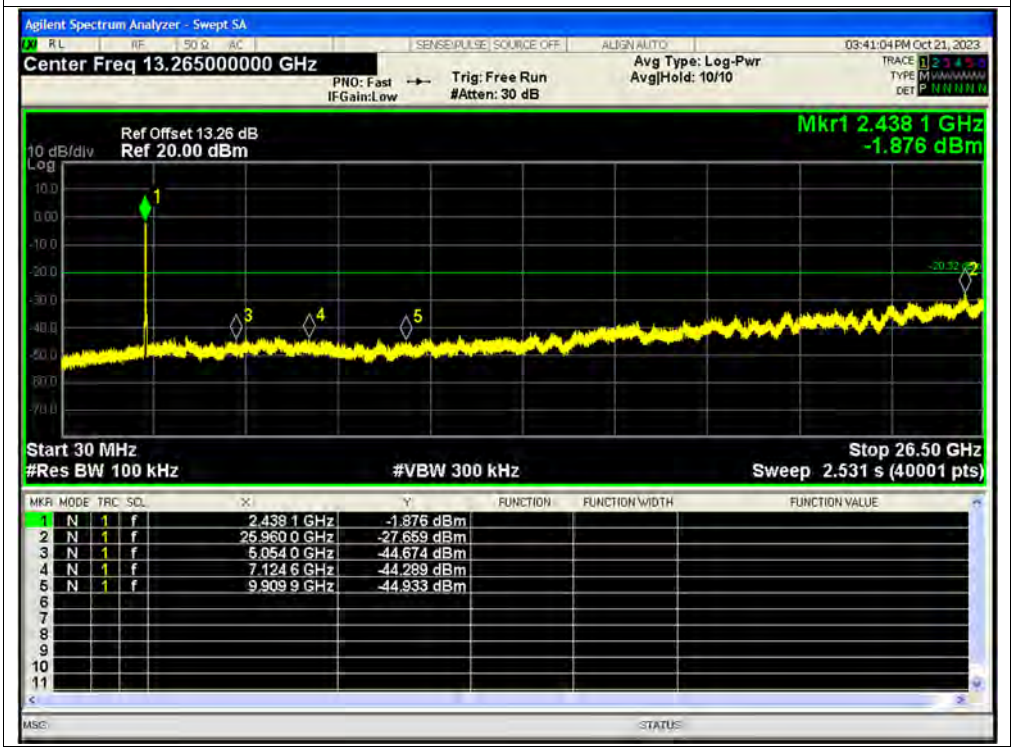

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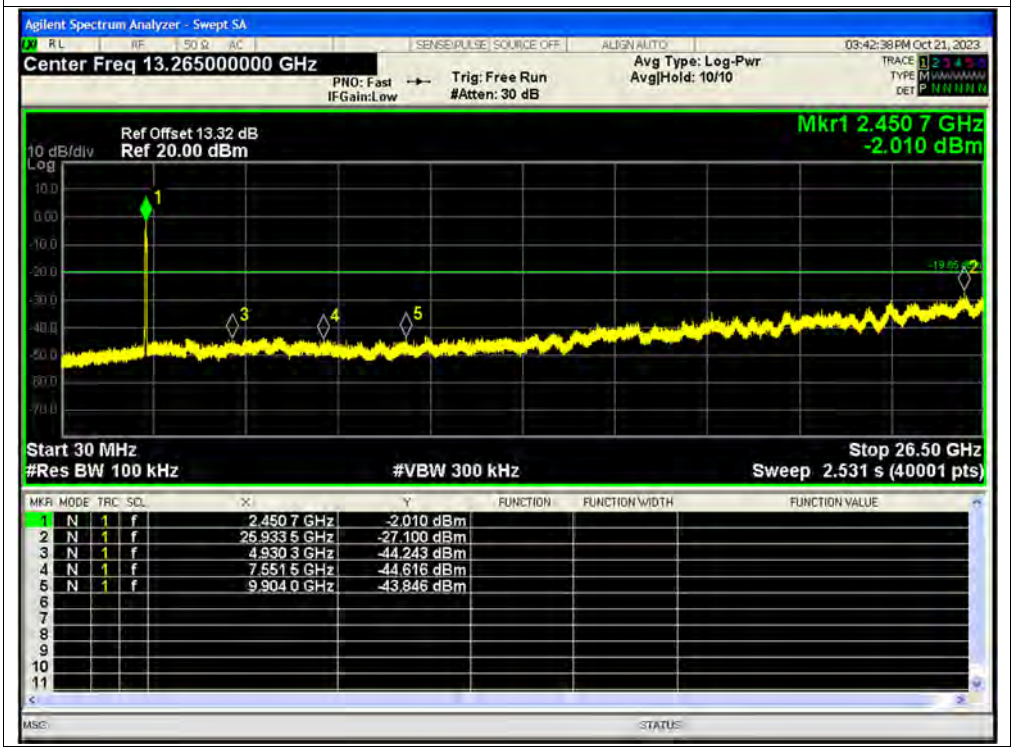

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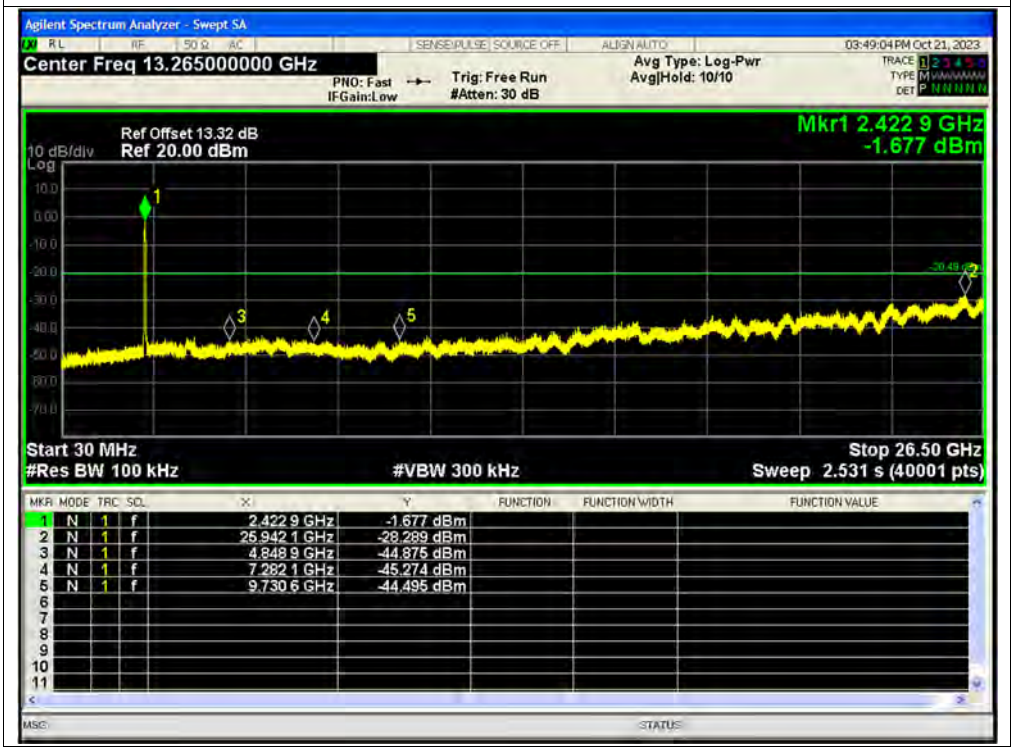

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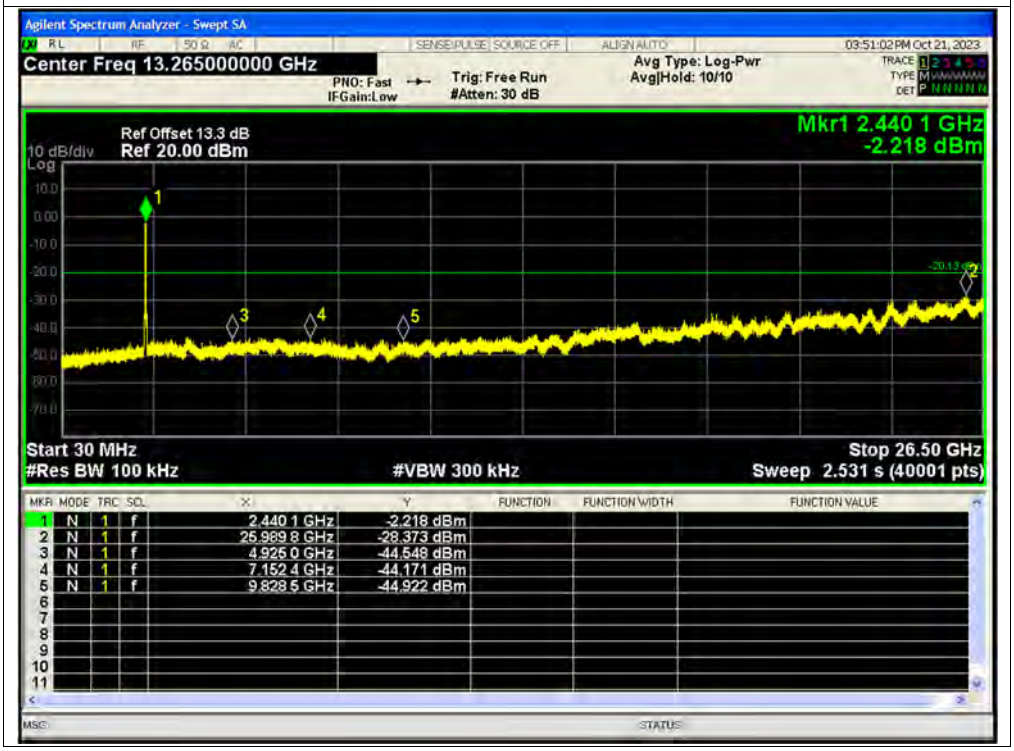

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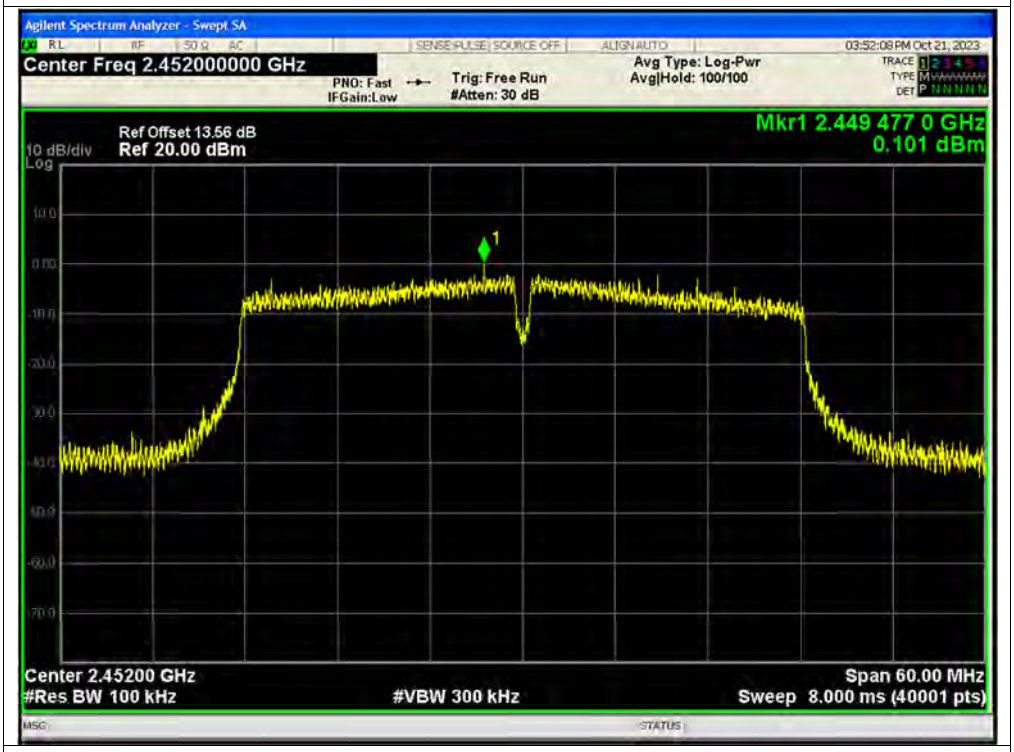
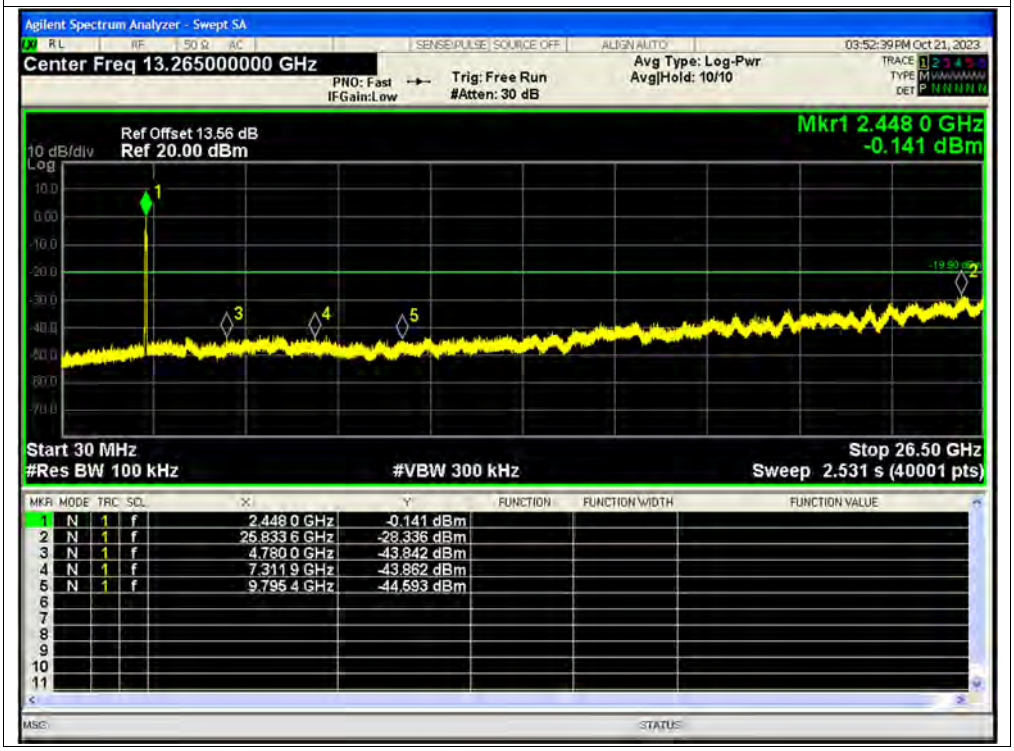
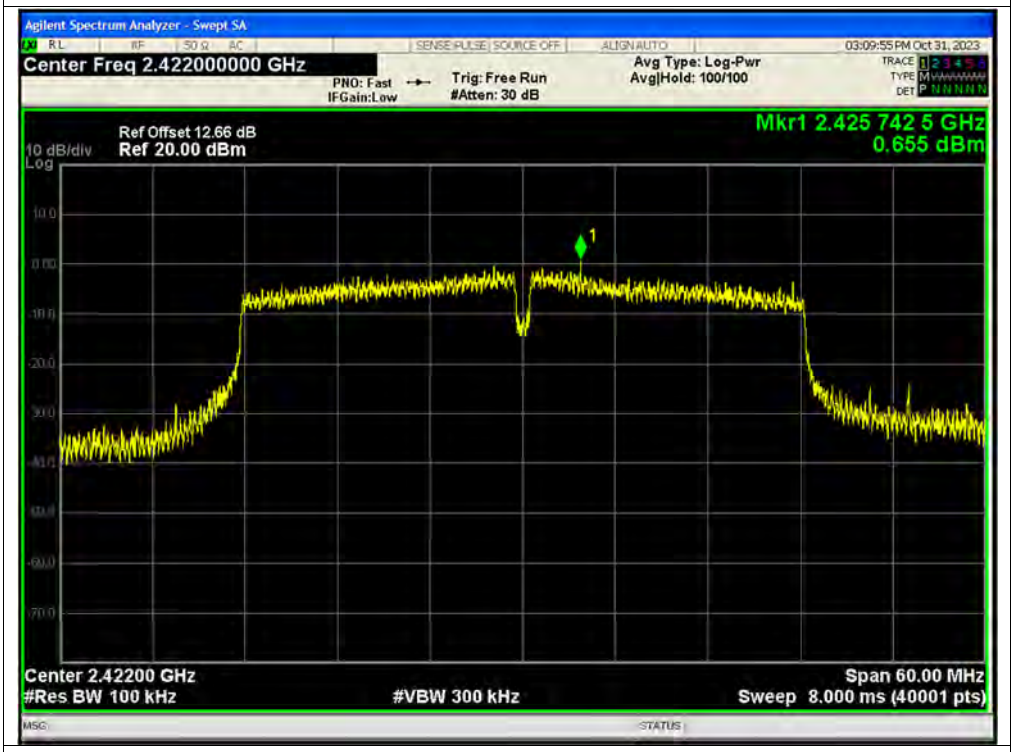
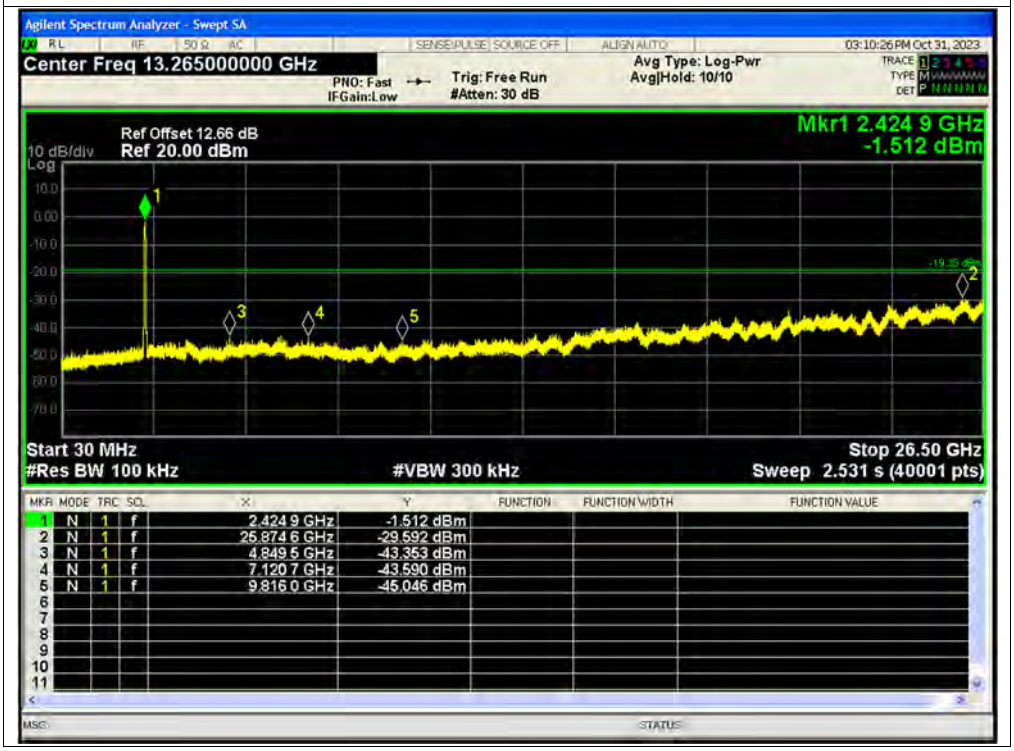



Tx. Spurious NVNT n40 2452MHz Ant2 Emission SISO



Tx. Spurious NVNT n40 2422MHz Ant1 Ref MIMO

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