

Test Report No.: 8812372861

Page 27 of 82 Pages

Title: Test on 2.4 GHz Band Outdoor WiFi (802.11b/g) Wireless Base Station

Model: WBS-2400

FCC ID: UGM-WBS2400-2

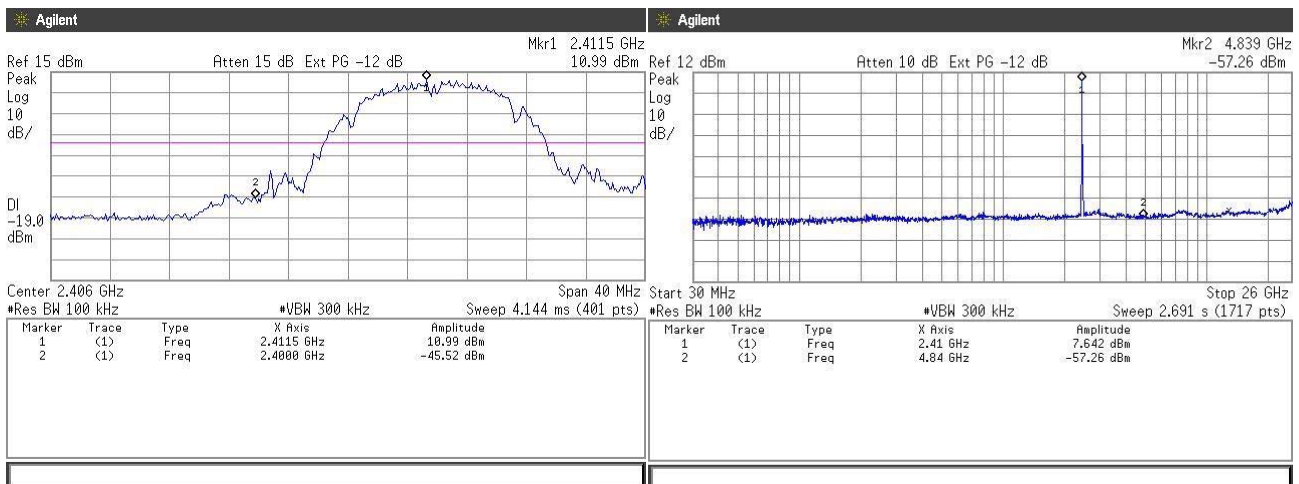
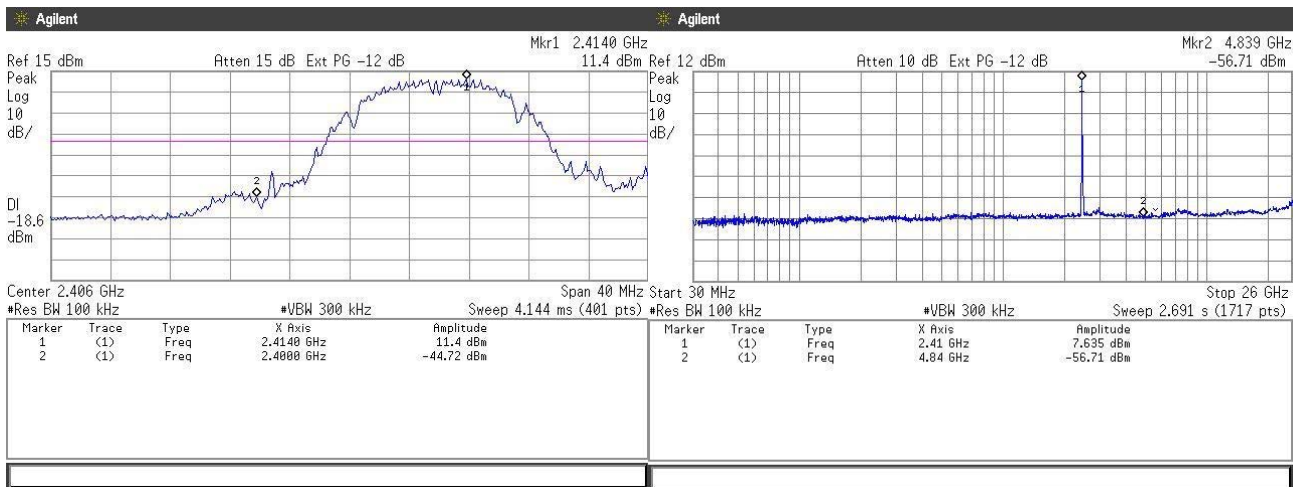
The final configuration has been built with 6 Bitel RF filters.

All test results met the requirements.

The tests were performed with the worst case, which is higher power level.

All harmonics/spurs are at least 30 dB down from the highest emission level within the authorized band as measured with a 100 kHz RBW.

The results are shown in plots # 41-100.



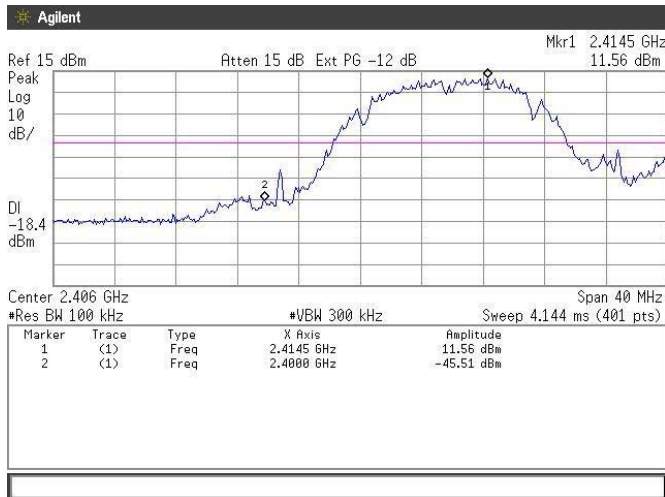
Test Report No.: 8812372861

Page 28 of 82 Pages

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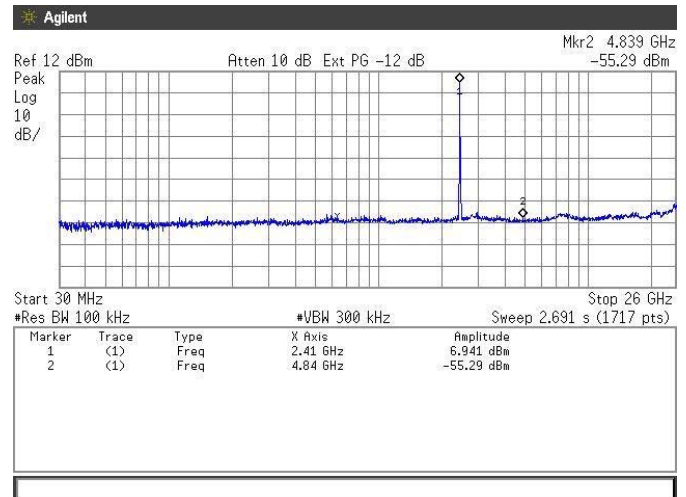
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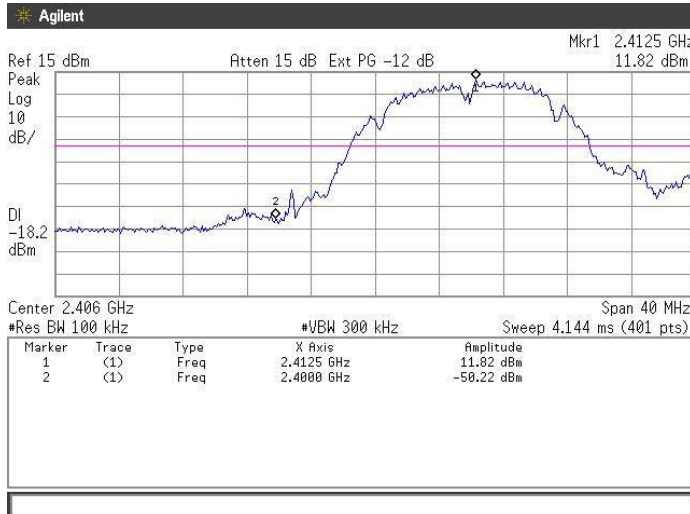
Plot # 45.

Output 3. Low frequency bandedge.
802.11b mode.



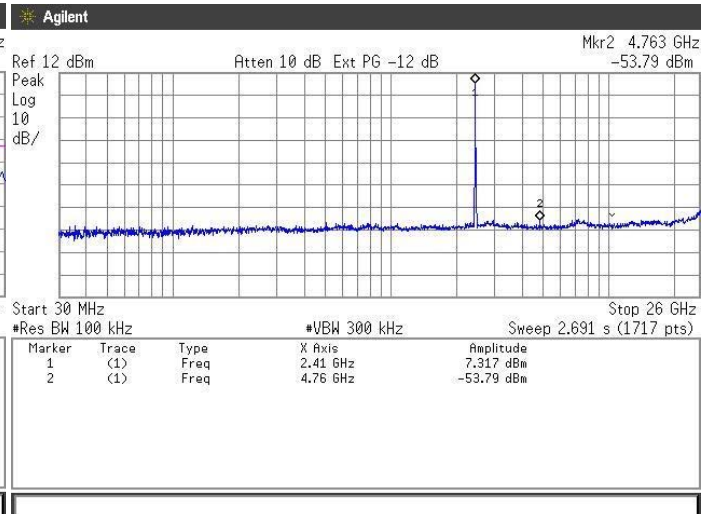
Plot # 46.

Output 3. Low frequency spurious.
802.11b mode.



Plot # 47.

Output 4. Low frequency bandedge.
802.11b mode.



Plot # 48.

Output 4. Low frequency spurious.
802.11b mode.

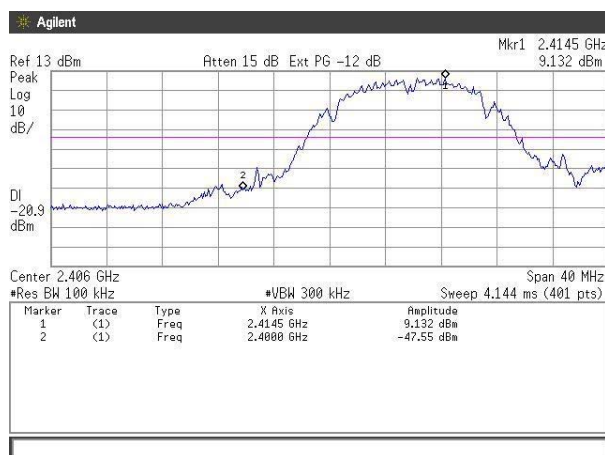
Test Report No.: 8812372861

Page 29 of 82 Pages

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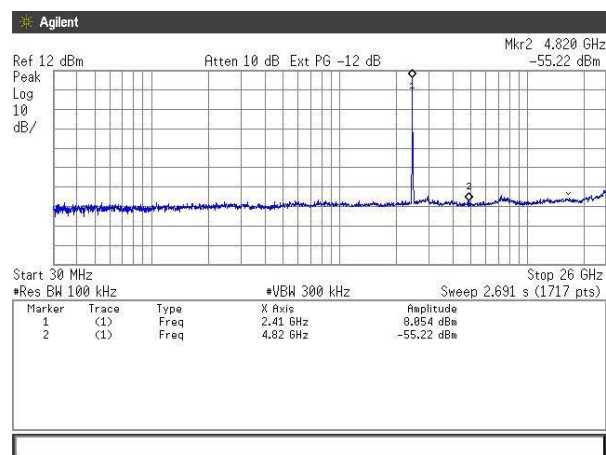
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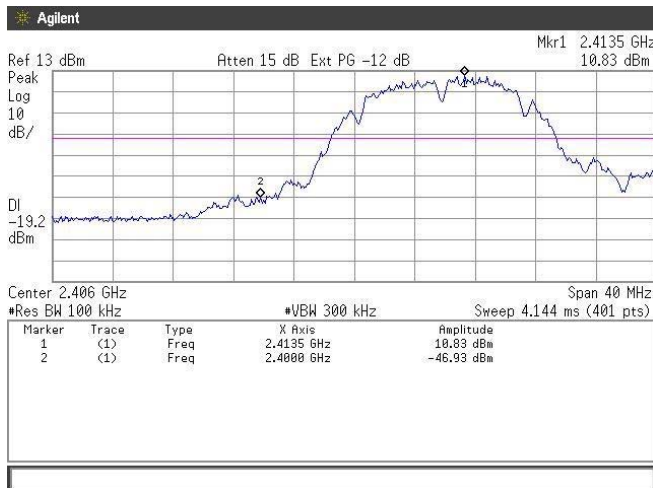
Plot # 49.

Output 5. Low frequency bandedge.
802.11b mode.



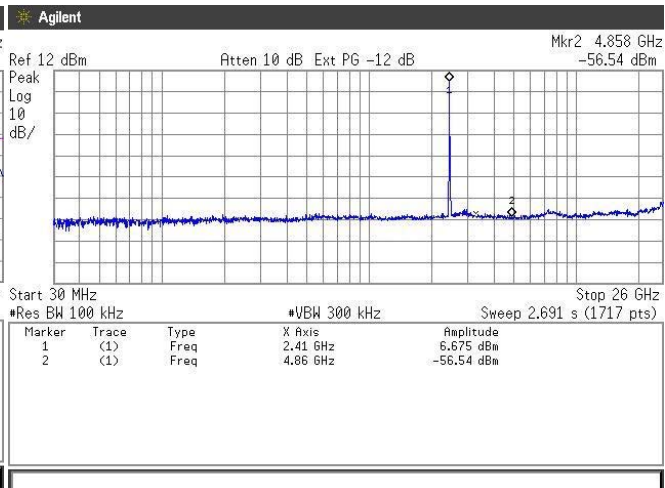
Plot # 50.

Output 5. Low frequency spurious.
802.11b mode.



Plot # 51.

Output 6. Low frequency bandedge.
802.11b mode.



Plot # 52.

Output 6. Low frequency spurious.
802.11b mode.

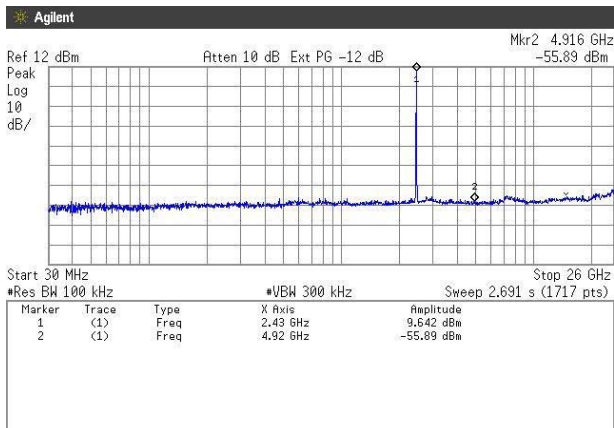
Test Report No.: 8812372861

Page 30 of 82 Pages

Title: Test on 2.4 GHz Band Outdoor WiFi (802.11b/g) Wireless Base Station

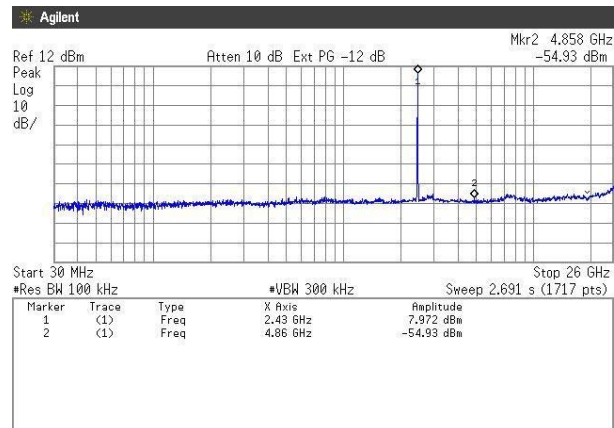
Model: WBS-2400

FCC ID: UGM-WBS2400-2



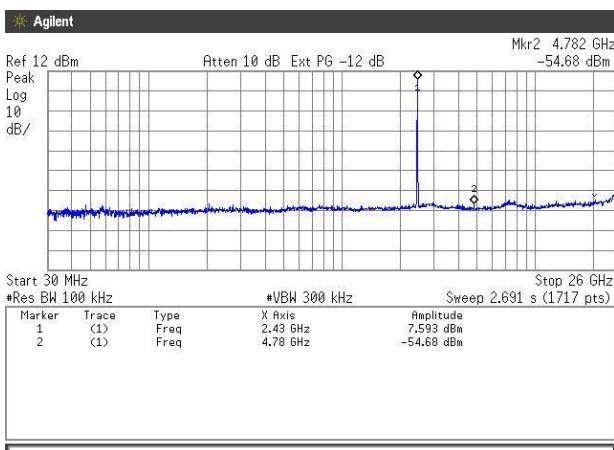
Plot # 53.

Output 1. Middle frequency spurious.
802.11b mode.



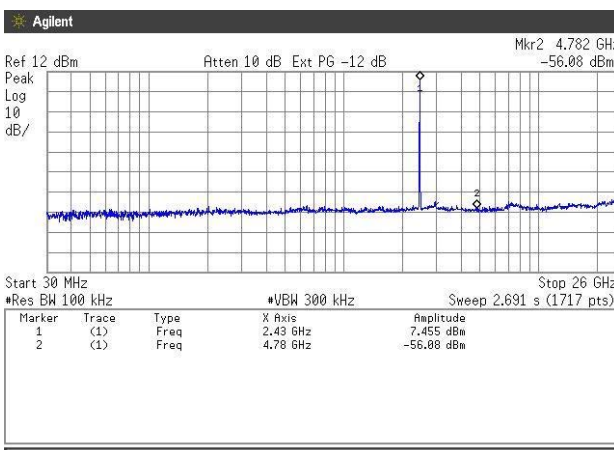
Plot # 54.

Output 2. Middle frequency spurious.
802.11b mode.



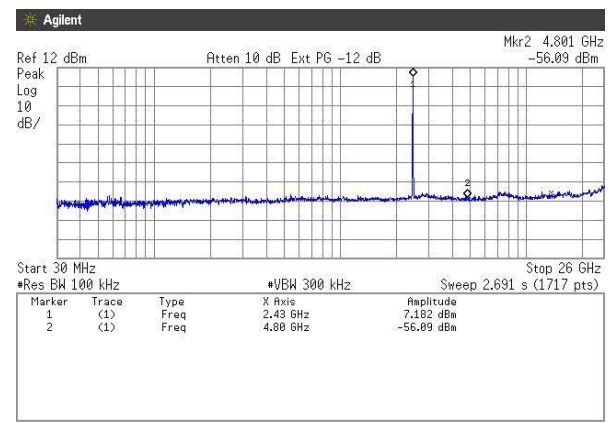
Plot # 55.

Output 3. Middle frequency spurious.
802.11b mode.



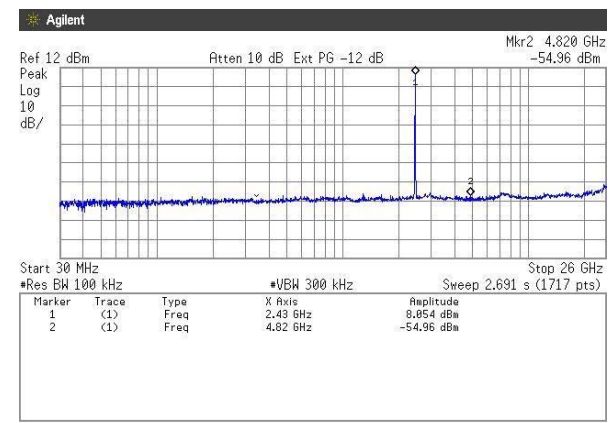
Plot # 56.

Output 4. Middle frequency spurious.
802.11b mode.



Plot # 57.

Output 5. Middle frequency spurious.
802.11b mode.



Plot # 58.

Output 6. Middle frequency spurious.
802.11b mode.

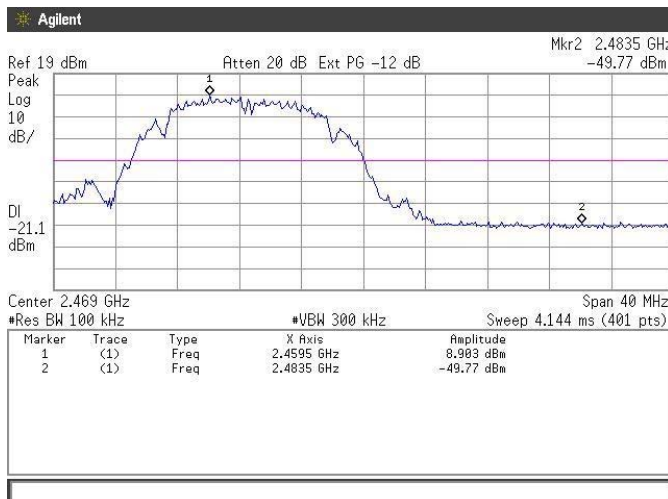
Test Report No.: 8812372861

Page 31 of 82 Pages

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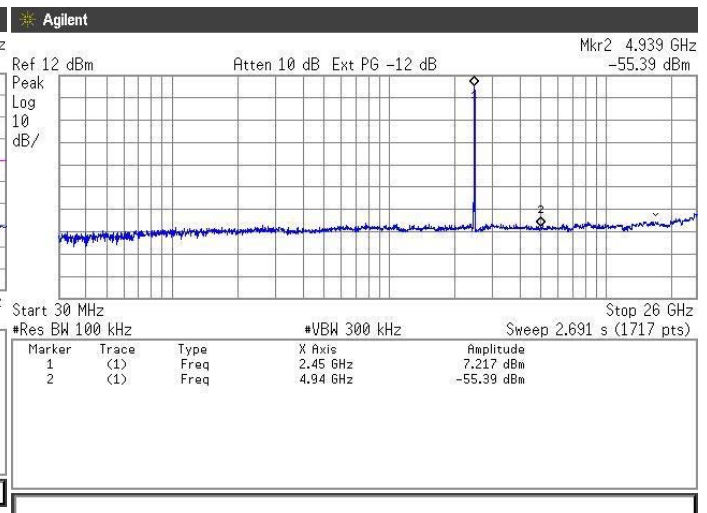
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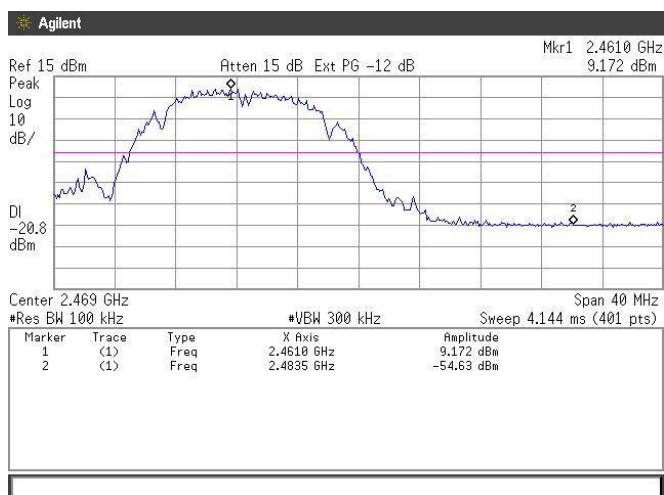
Plot # 59.

Output 1. High frequency bandedge.
802.11b mode.



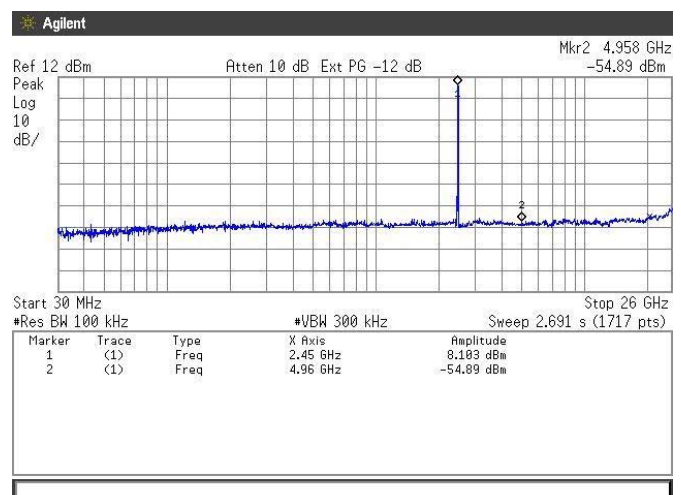
Plot # 60.

Output 1. High frequency spurious.
802.11b mode.



Plot # 61.

Output 2. High frequency bandedge.
802.11b mode.



Plot # 62.

Output 2. High frequency spurious.
802.11b mode.