

US Tech Test Report:  
 FCC ID:  
 IC:  
 Test Report Number:  
 Issue Date:  
 Customer:  
 Model:

FCC Part 15 Certification/ RSS 247  
 2ADCB-ACWIFI001  
 6715A-ACWIFI001  
 16-0141  
 September 12, 2016  
 Acuity Brands  
 ACWIFI001

## EUT Evaluation at Lower Data Rate

### 2.4 GHz WiFi Portion of Radio

#### Occupied Bandwidth

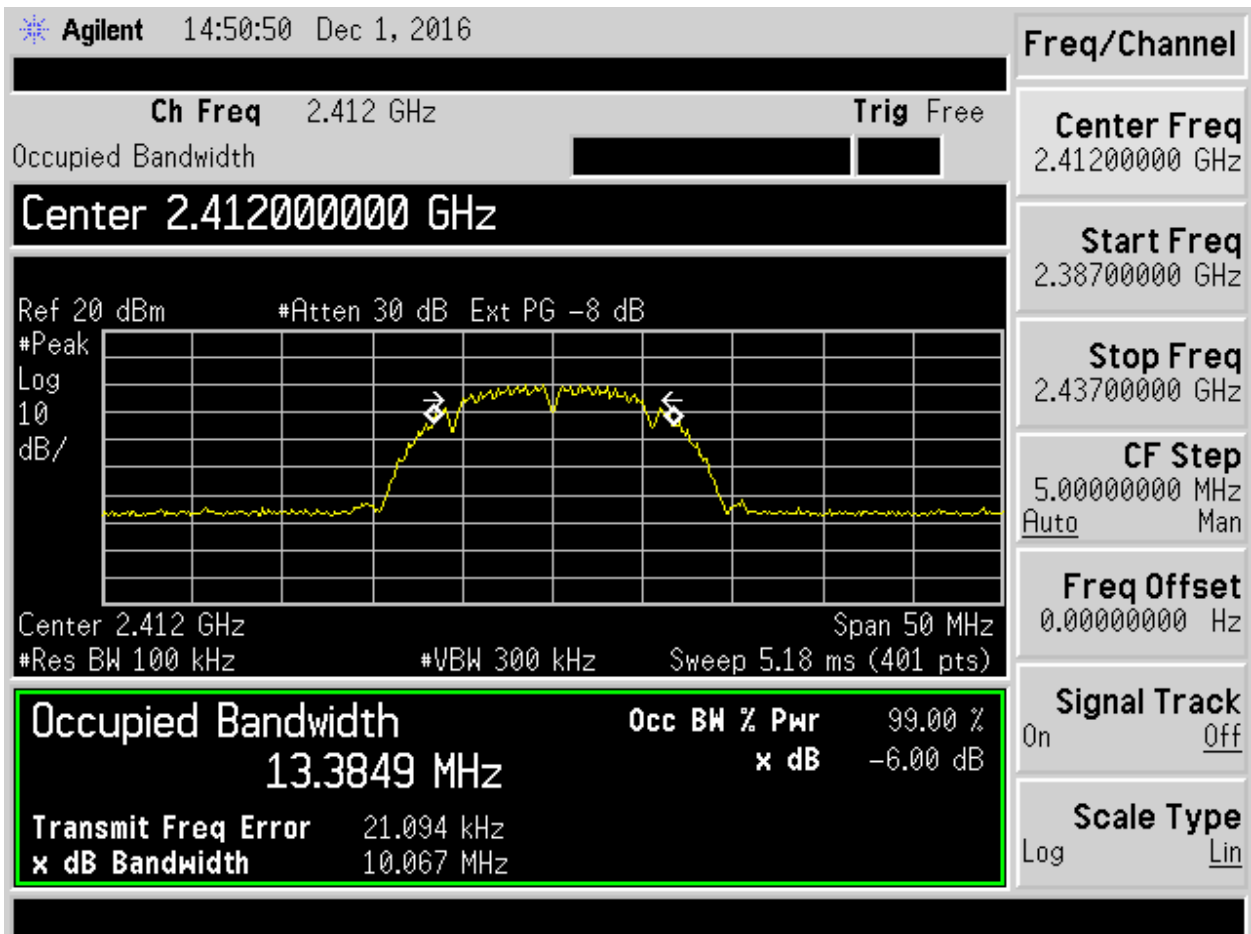


Figure 1. 802.11b, 1 Mbps Ch 1

US Tech Test Report:  
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FCC Part 15 Certification/ RSS 247  
 2ADCB-ACWIFI001  
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 September 12, 2016  
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 ACWIFI001

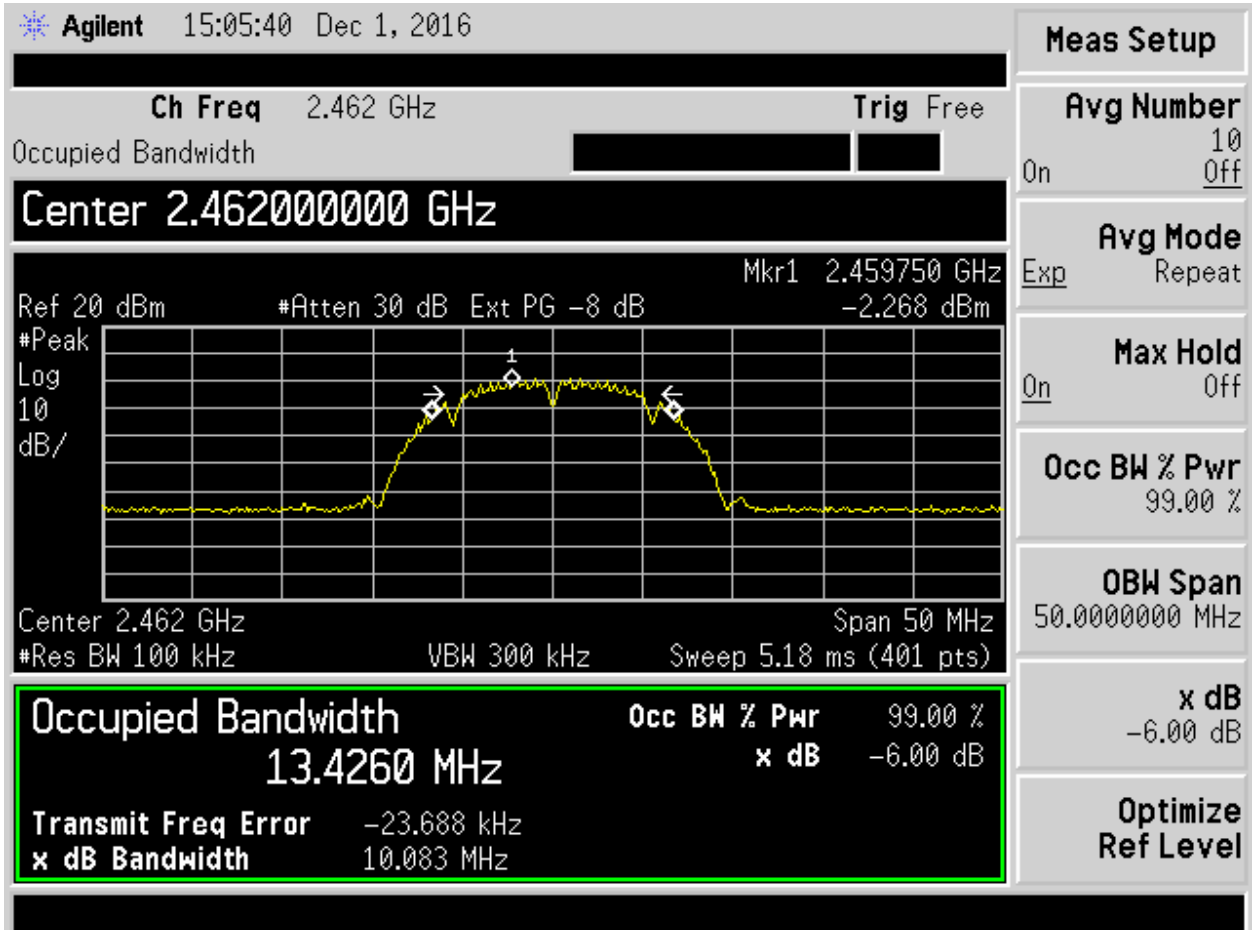


Figure 2. 802.11b, 1 Mbps Ch 11

US Tech Test Report:  
 FCC ID:  
 IC:  
 Test Report Number:  
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FCC Part 15 Certification/ RSS 247  
 2ADCB-ACWIFI001  
 6715A-ACWIFI001  
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 September 12, 2016  
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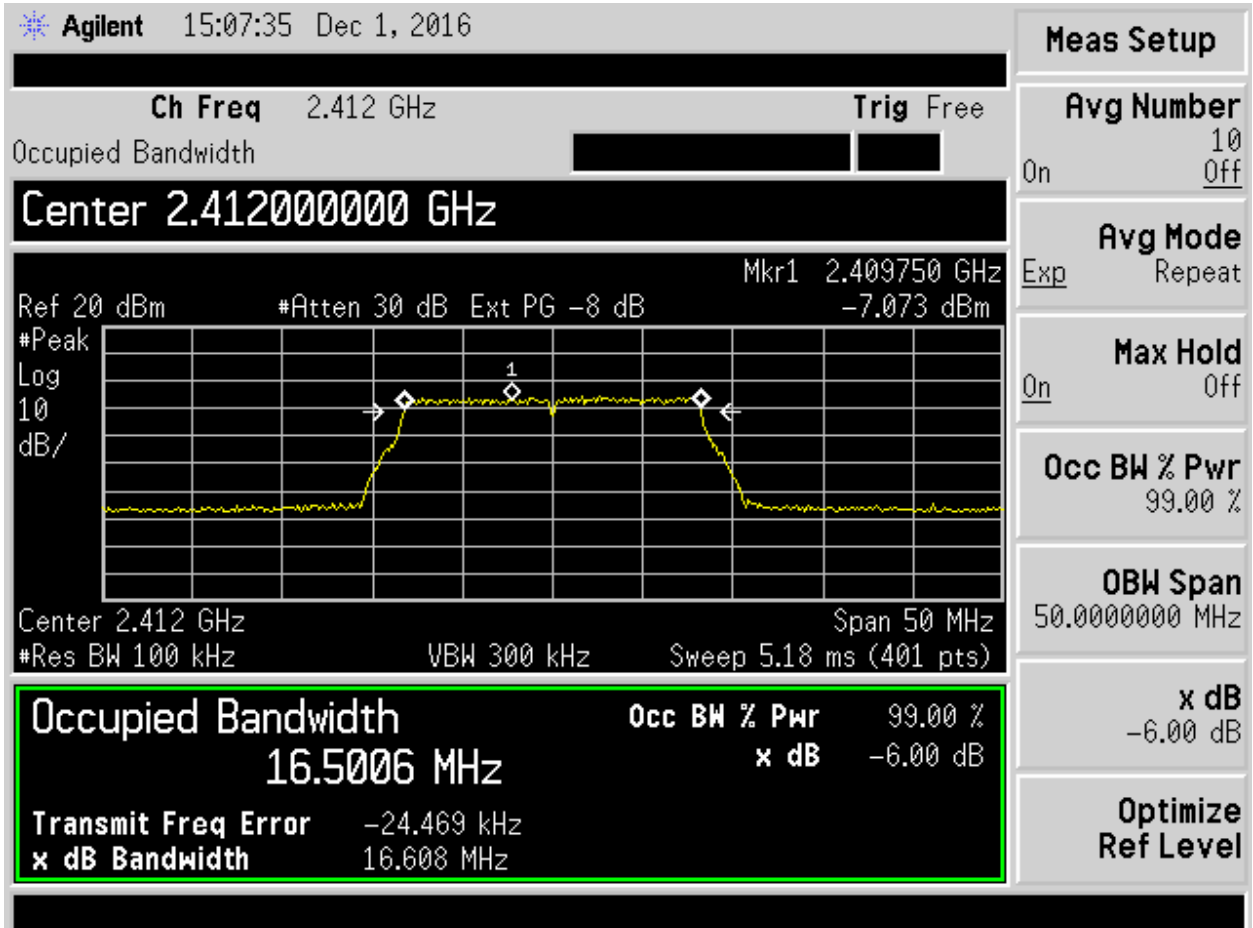


Figure 3. 802.11g, 6 Mbps Ch 1

US Tech Test Report:  
 FCC ID:  
 IC:  
 Test Report Number:  
 Issue Date:  
 Customer:  
 Model:

FCC Part 15 Certification/ RSS 247  
 2ADCB-ACWIFI001  
 6715A-ACWIFI001  
 16-0141  
 September 12, 2016  
 Acuity Brands  
 ACWIFI001

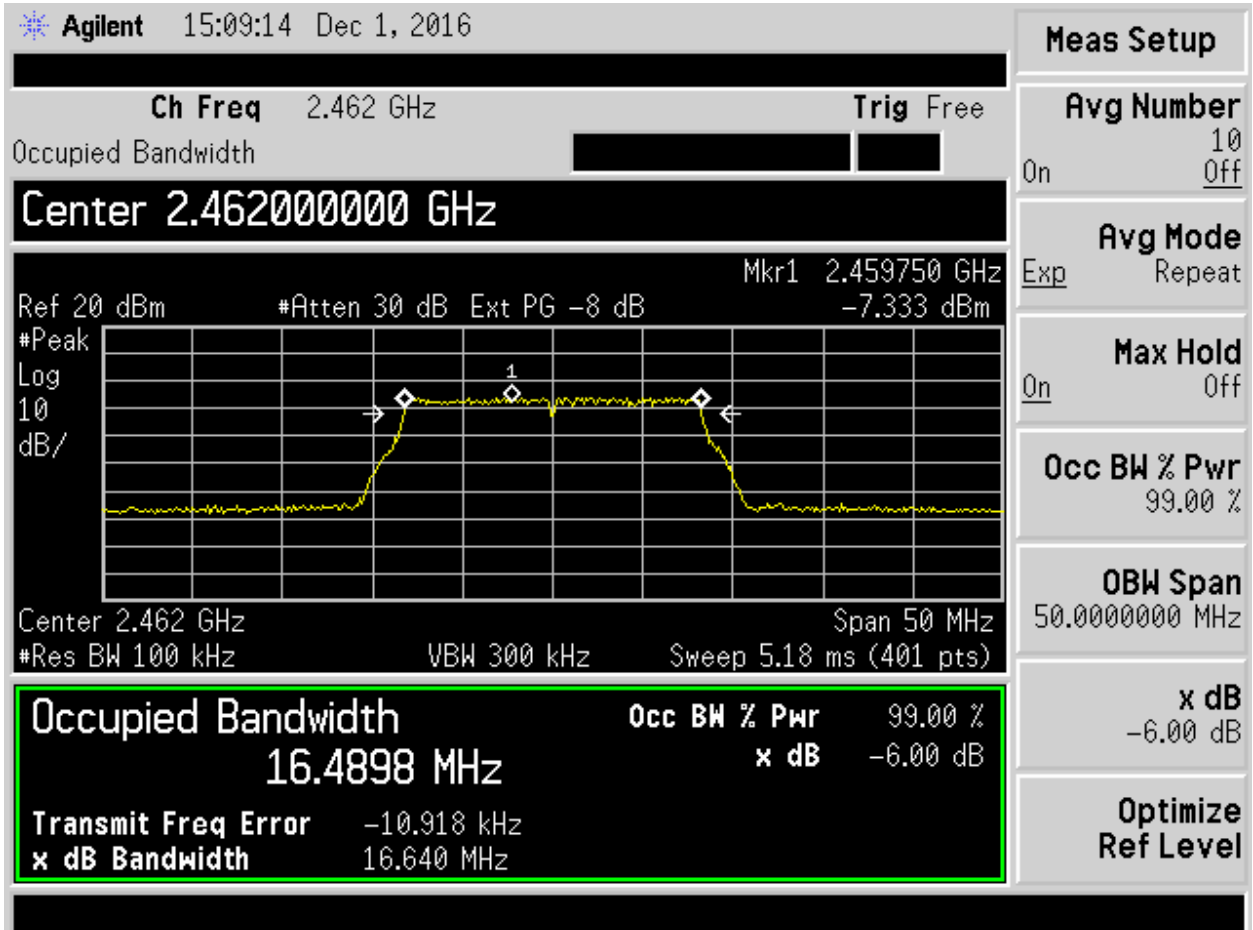


Figure 4. 802.11g, 6 Mbps Ch 11

US Tech Test Report:  
 FCC ID:  
 IC:  
 Test Report Number:  
 Issue Date:  
 Customer:  
 Model:

FCC Part 15 Certification/ RSS 247  
 2ADCB-ACWIFI001  
 6715A-ACWIFI001  
 16-0141  
 September 12, 2016  
 Acuity Brands  
 ACWIFI001

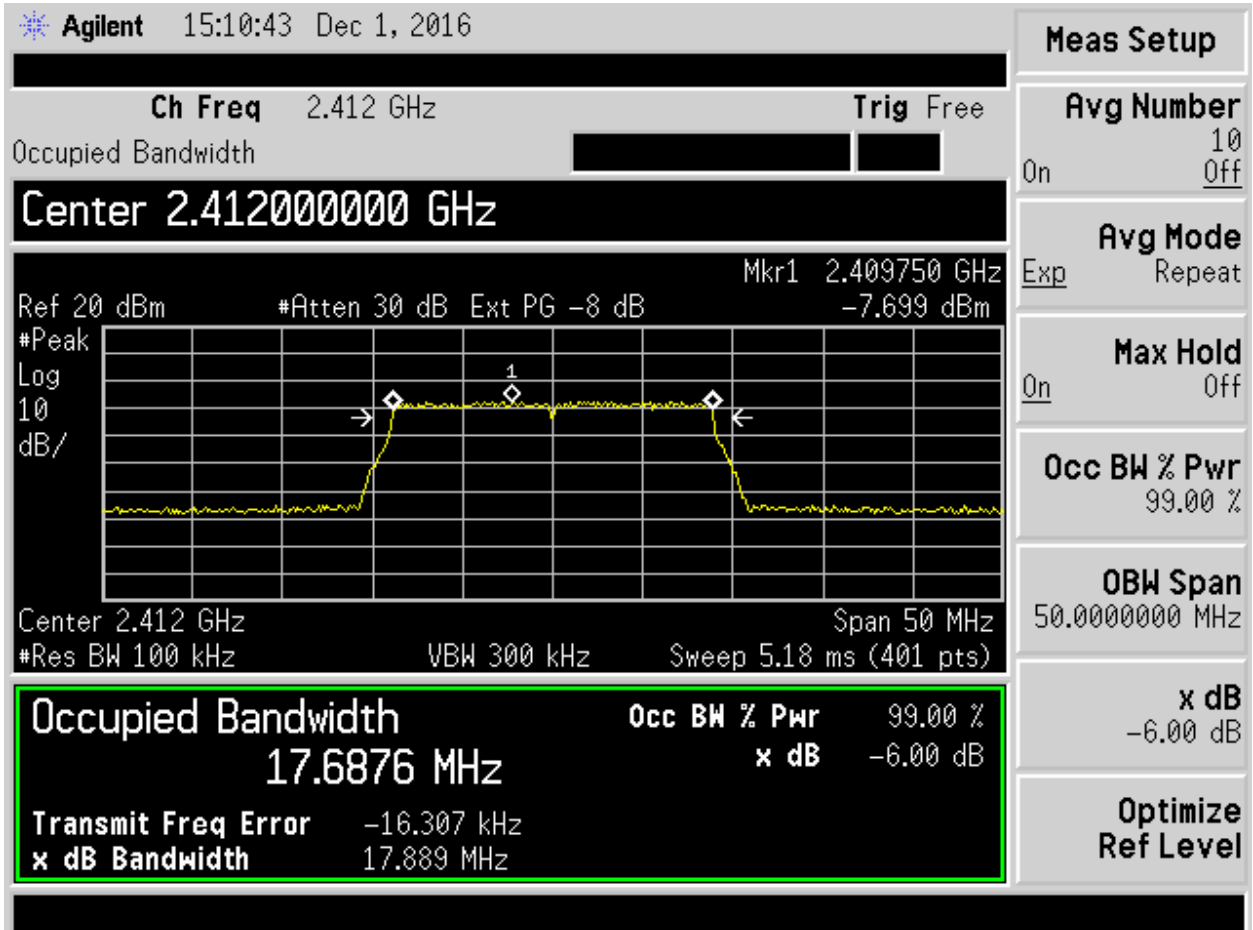


Figure 5. 802.11n, MCS0 Ch 1

US Tech Test Report:  
 FCC ID:  
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FCC Part 15 Certification/ RSS 247  
 2ADCB-ACWIFI001  
 6715A-ACWIFI001  
 16-0141  
 September 12, 2016  
 Acuity Brands  
 ACWIFI001

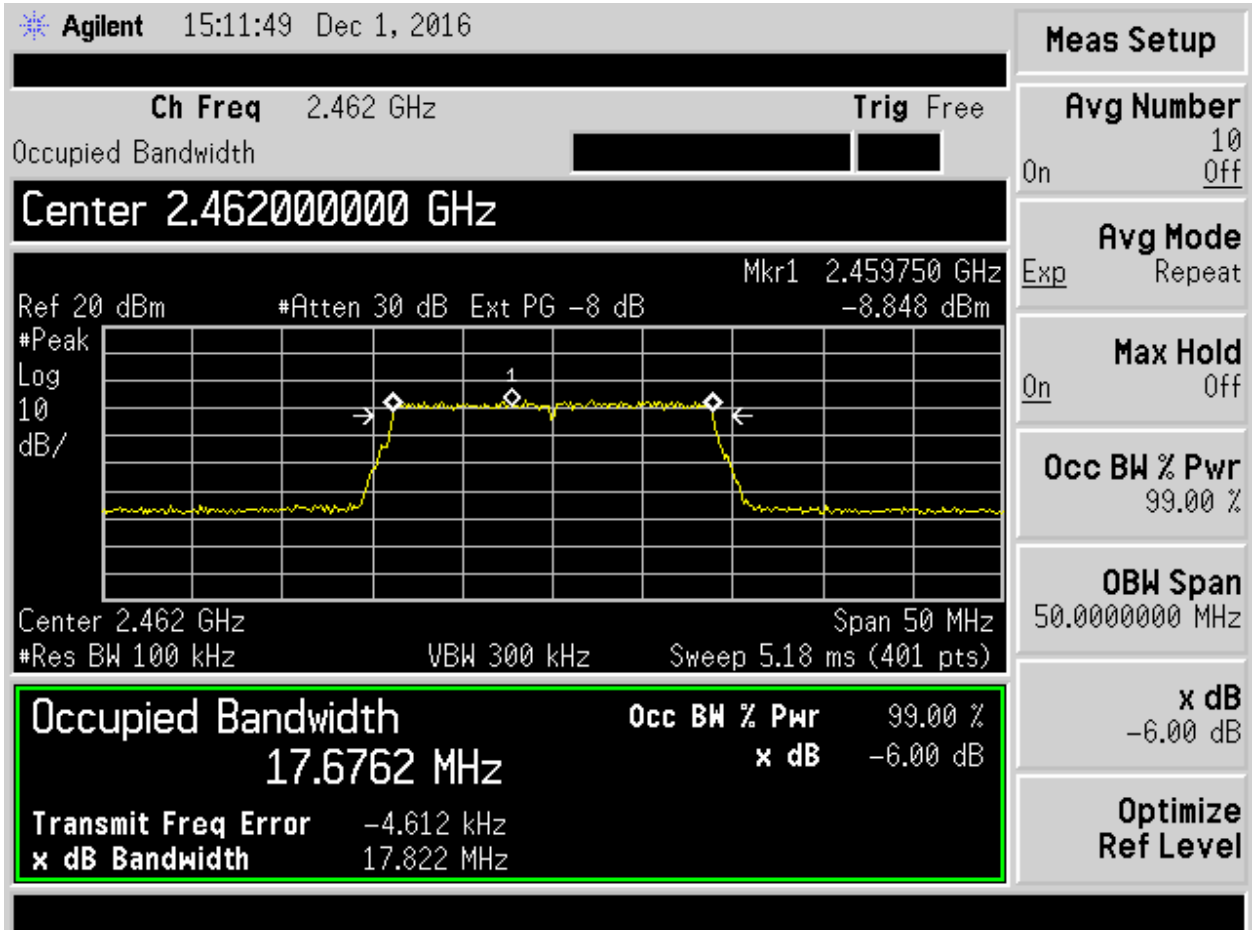


Figure 6. 802.11n, MCS0 Ch 11

US Tech Test Report:  
 FCC ID:  
 IC:  
 Test Report Number:  
 Issue Date:  
 Customer:  
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FCC Part 15 Certification/ RSS 247  
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 6715A-ACWIFI001  
 16-0141  
 September 12, 2016  
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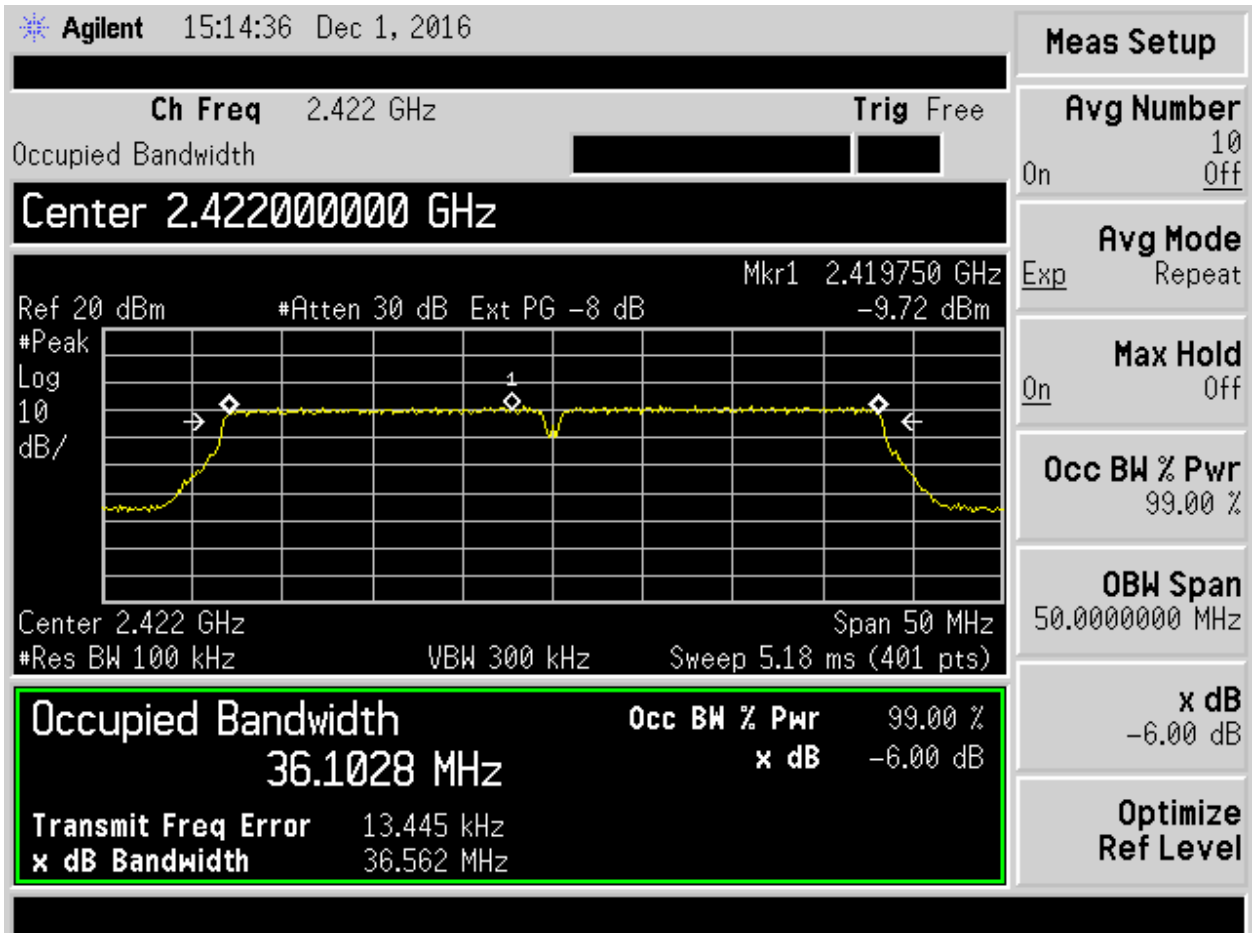


Figure 7. 802.11n(40), MCS0 Ch 3

US Tech Test Report:  
 FCC ID:  
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 Customer:  
 Model:

FCC Part 15 Certification/ RSS 247  
 2ADCB-ACWIFI001  
 6715A-ACWIFI001  
 16-0141  
 September 12, 2016  
 Acuity Brands  
 ACWIFI001

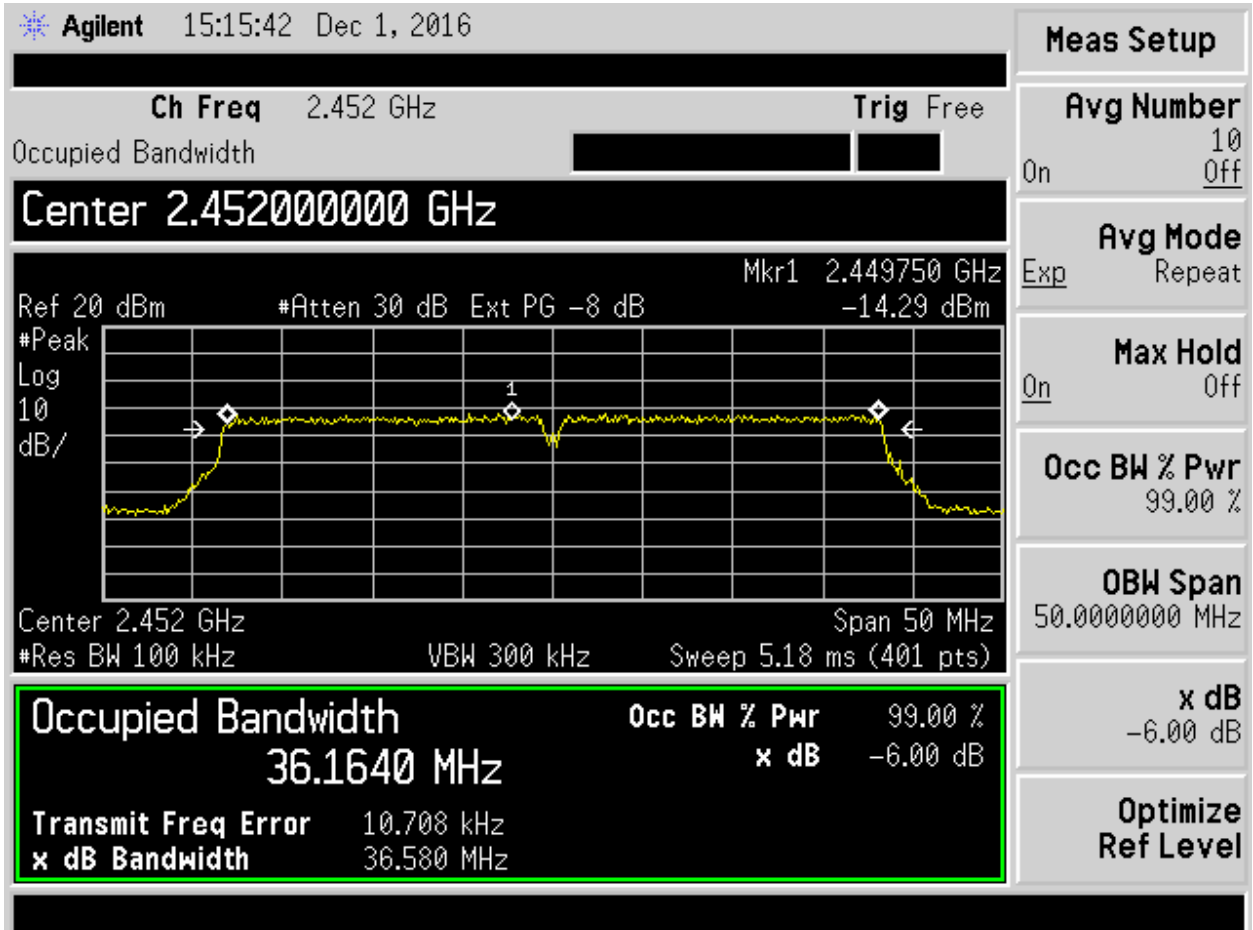


Figure 8. 802.11n(40), MCS0 Ch 9



US Tech Test Report:  
FCC ID:  
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Customer:  
Model:

FCC Part 15 Certification/ RSS 247  
2ADCB-ACWIFI001  
6715A-ACWIFI001  
16-0141  
September 12, 2016  
Acuity Brands  
ACWIFI001

### Output Power

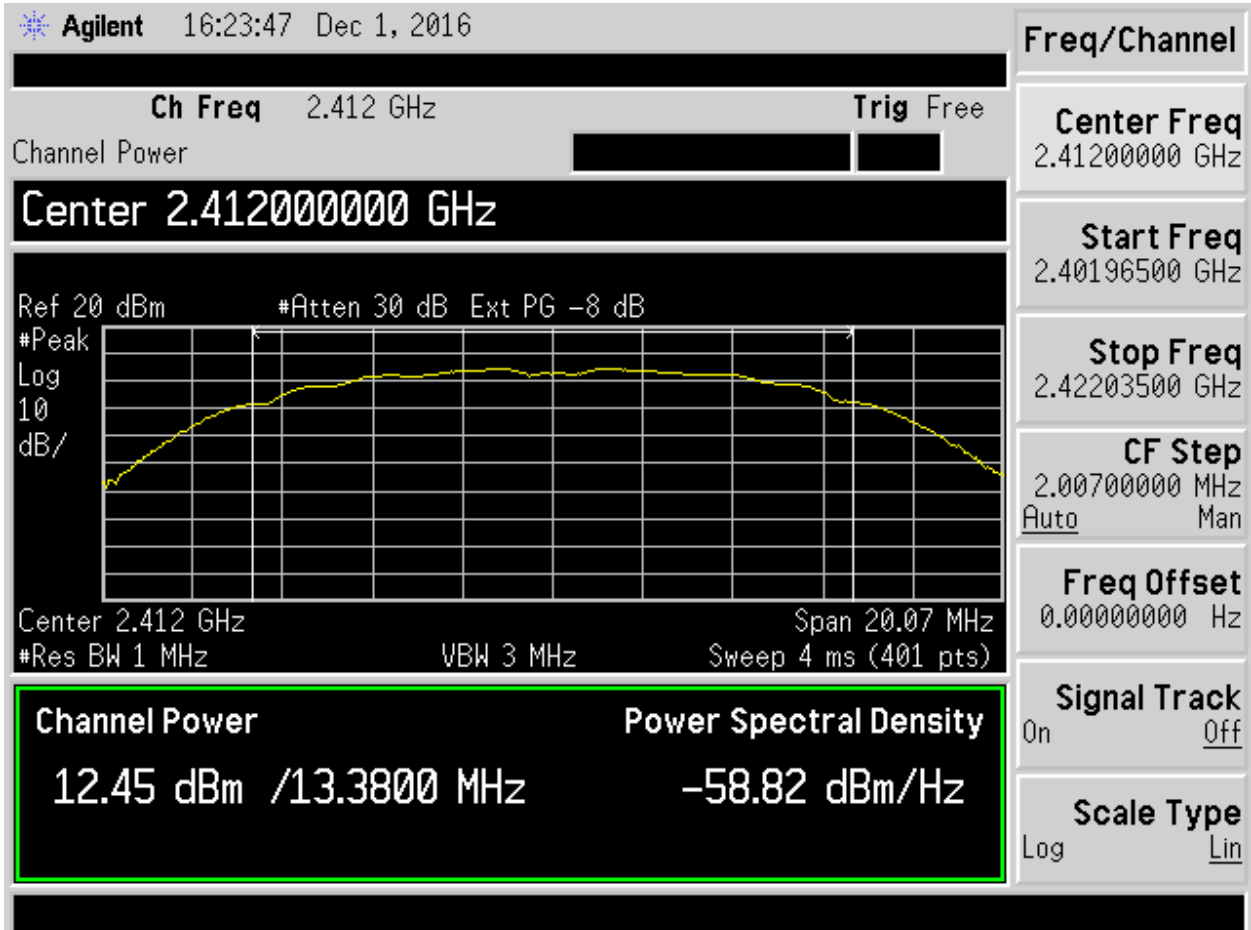


Figure 9. 802.11b, 1 Mbps Ch 1

US Tech Test Report:  
FCC ID:  
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Issue Date:  
Customer:  
Model:

FCC Part 15 Certification/ RSS 247  
2ADCB-ACWIFI001  
6715A-ACWIFI001  
16-0141  
September 12, 2016  
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ACWIFI001

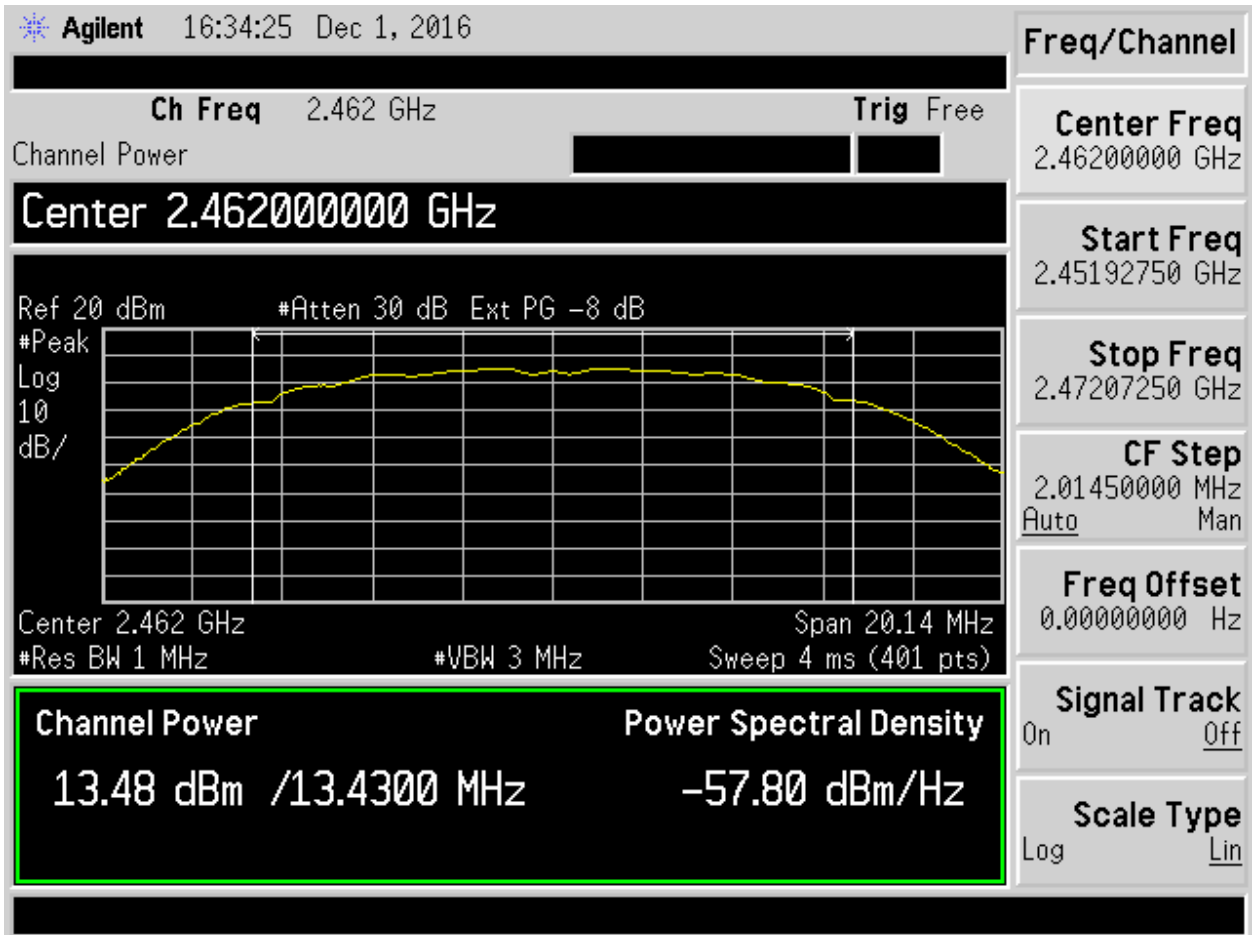


Figure 10. 802.11b, 1 Mbps Ch 11

US Tech Test Report:  
FCC ID:  
IC:  
Test Report Number:  
Issue Date:  
Customer:  
Model:

FCC Part 15 Certification/ RSS 247  
2ADCB-ACWIFI001  
6715A-ACWIFI001  
16-0141  
September 12, 2016  
Acuity Brands  
ACWIFI001

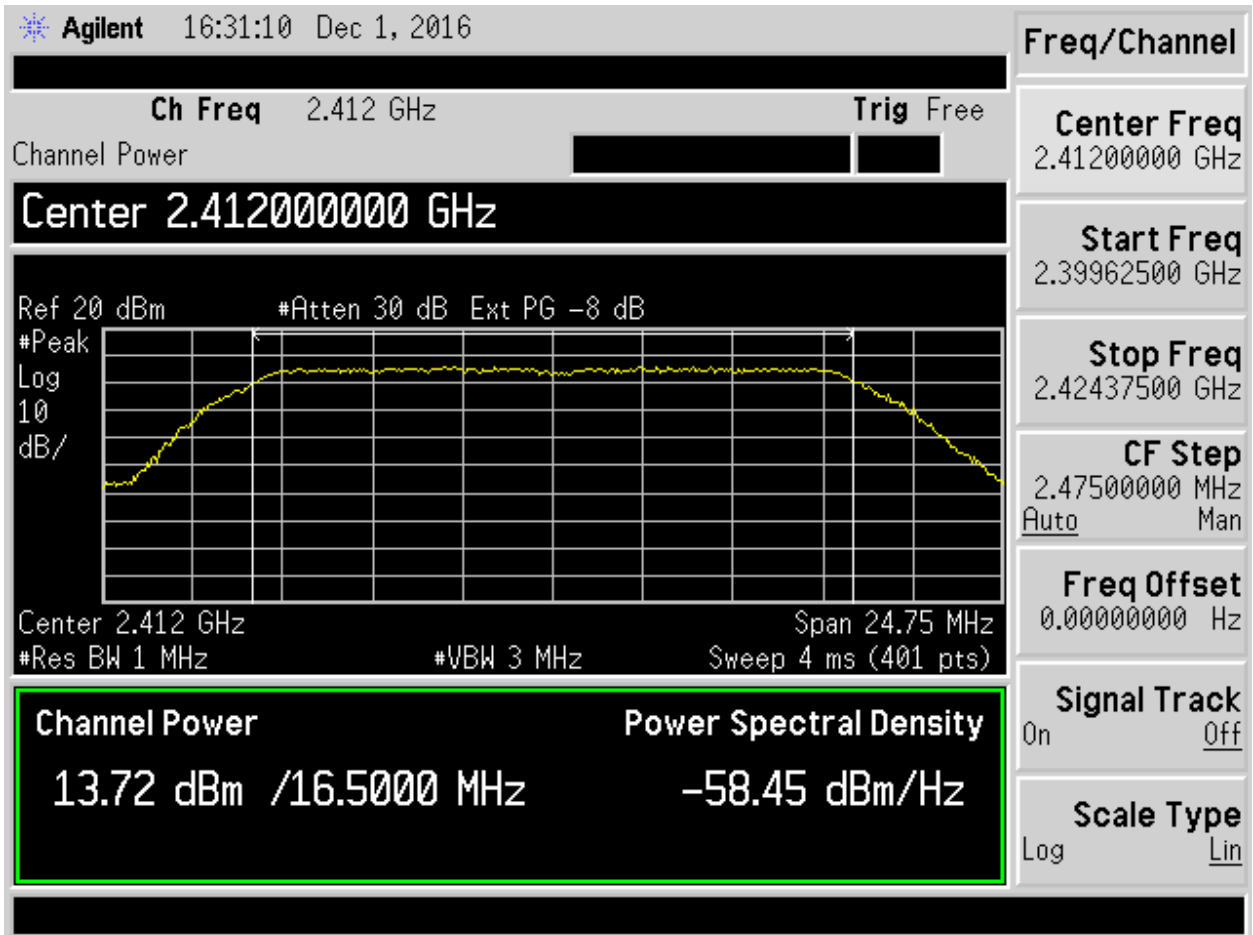


Figure 11. 802.11g, 6 Mbps Ch 1

US Tech Test Report:  
FCC ID:  
IC:  
Test Report Number:  
Issue Date:  
Customer:  
Model:

FCC Part 15 Certification/ RSS 247  
2ADCB-ACWIFI001  
6715A-ACWIFI001  
16-0141  
September 12, 2016  
Acuity Brands  
ACWIFI001

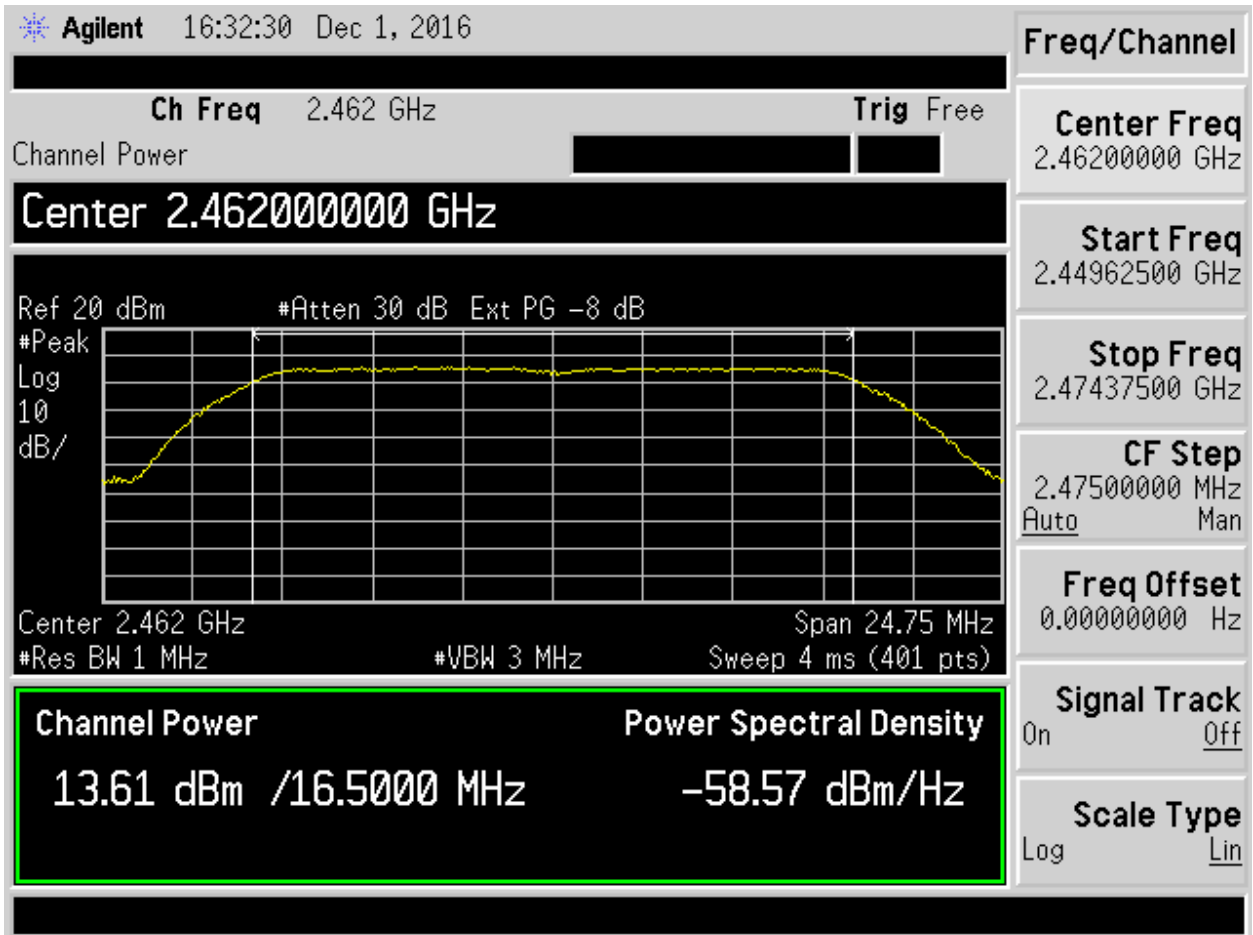


Figure 12. 802.11g, 6 Mbps Ch 11

US Tech Test Report:  
 FCC ID:  
 IC:  
 Test Report Number:  
 Issue Date:  
 Customer:  
 Model:

FCC Part 15 Certification/ RSS 247  
 2ADCB-ACWIFI001  
 6715A-ACWIFI001  
 16-0141  
 September 12, 2016  
 Acuity Brands  
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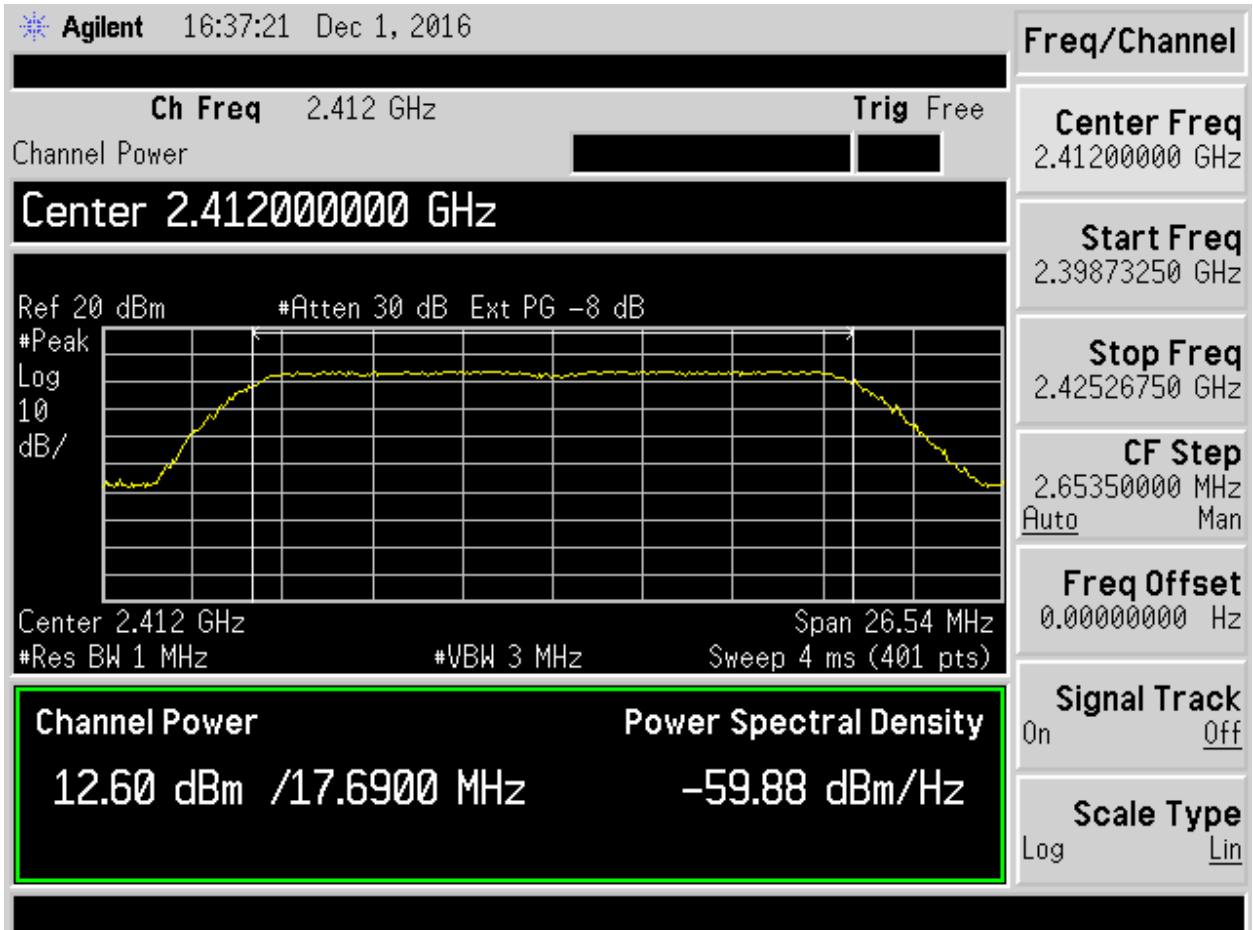


Figure 13. 802.11n, MCS0 Ch 1

US Tech Test Report:  
FCC ID:  
IC:  
Test Report Number:  
Issue Date:  
Customer:  
Model:

FCC Part 15 Certification/ RSS 247  
2ADCB-ACWIFI001  
6715A-ACWIFI001  
16-0141  
September 12, 2016  
Acuity Brands  
ACWIFI001

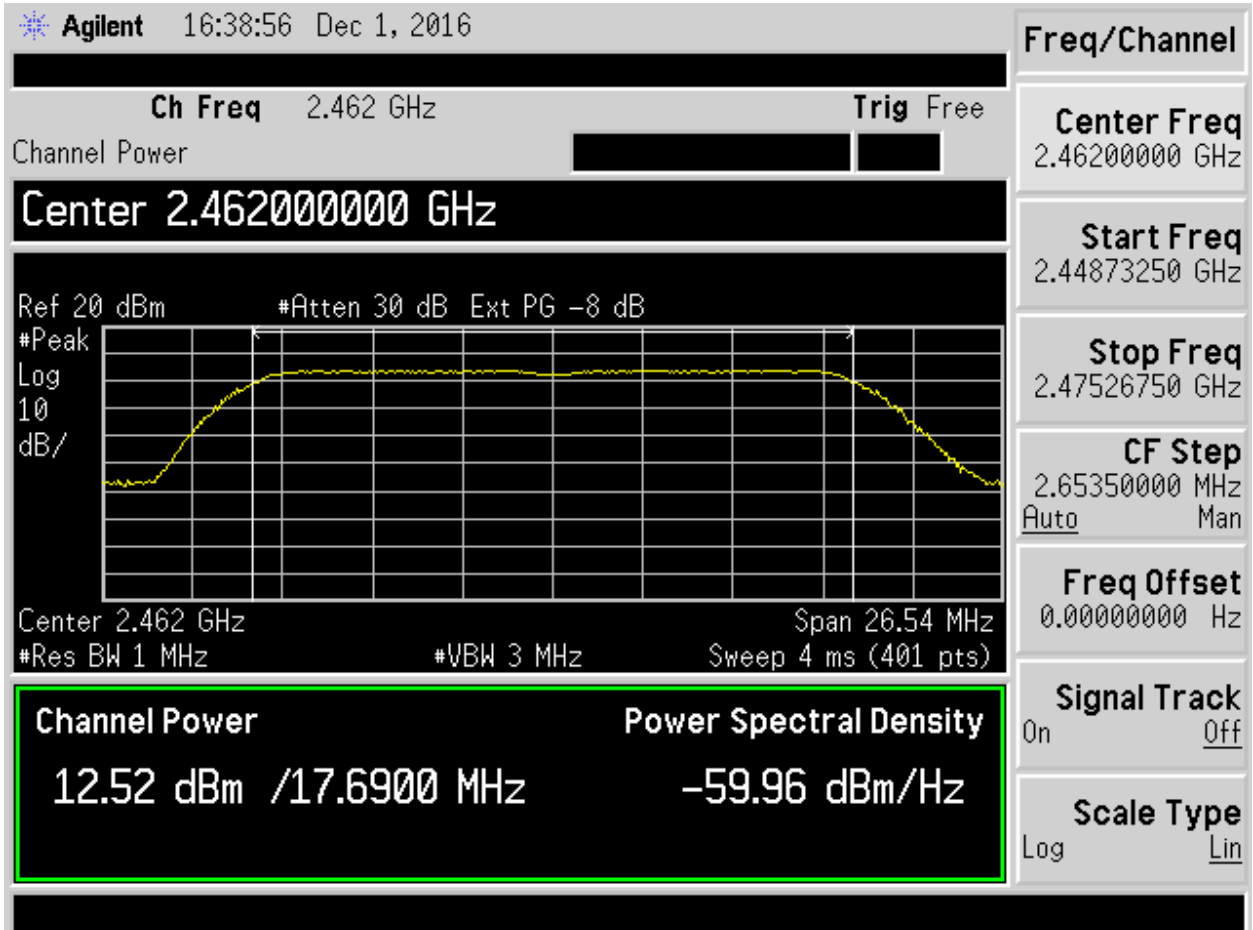


Figure 14. 802.11n, MCS7 Ch 11

US Tech Test Report:  
FCC ID:  
IC:  
Test Report Number:  
Issue Date:  
Customer:  
Model:

FCC Part 15 Certification/ RSS 247  
2ADCB-ACWIFI001  
6715A-ACWIFI001  
16-0141  
September 12, 2016  
Acuity Brands  
ACWIFI001

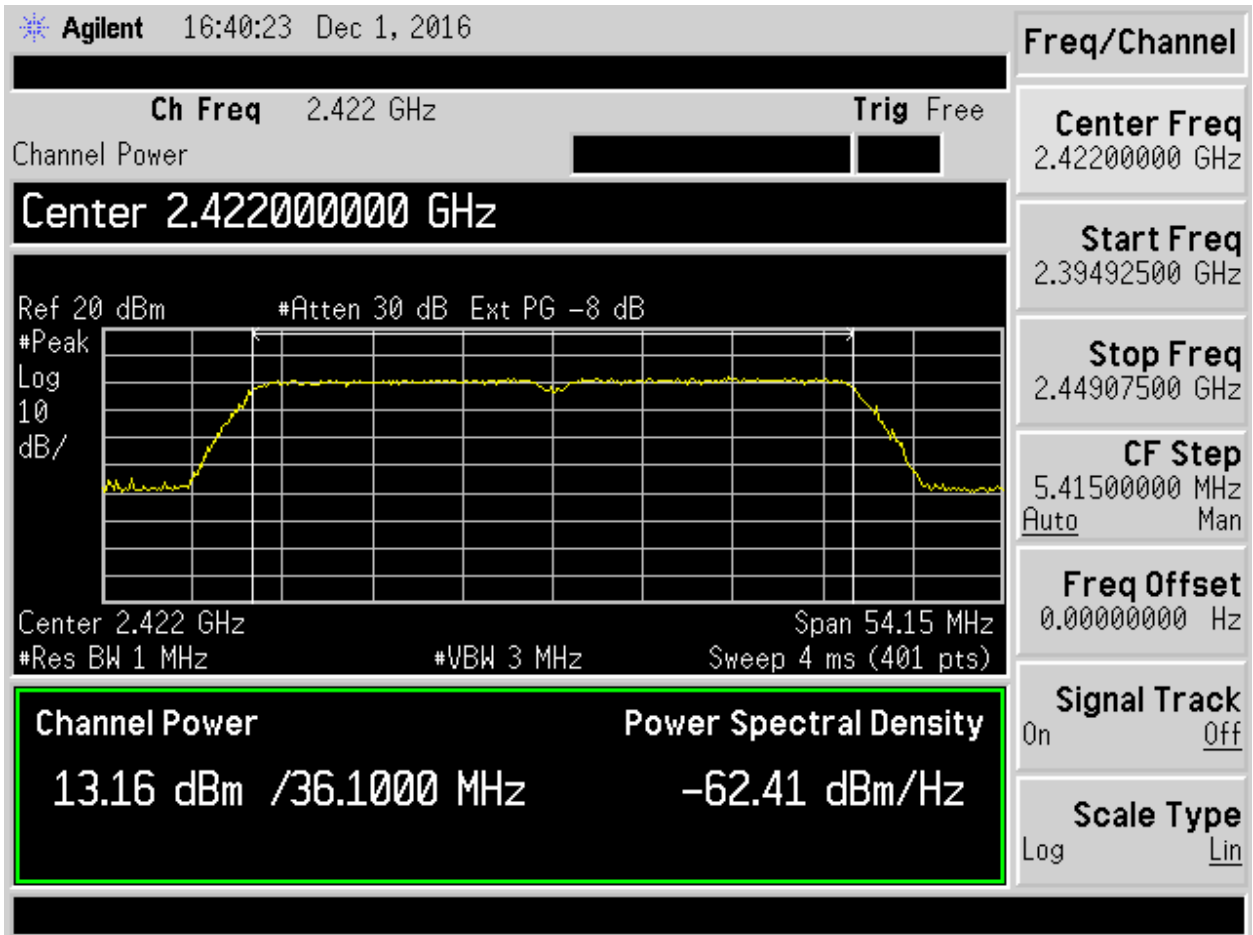


Figure 15. 802.11n(40), MCS0 Ch 1

US Tech Test Report:  
 FCC ID:  
 IC:  
 Test Report Number:  
 Issue Date:  
 Customer:  
 Model:

FCC Part 15 Certification/ RSS 247  
 2ADCB-ACWIFI001  
 6715A-ACWIFI001  
 16-0141  
 September 12, 2016  
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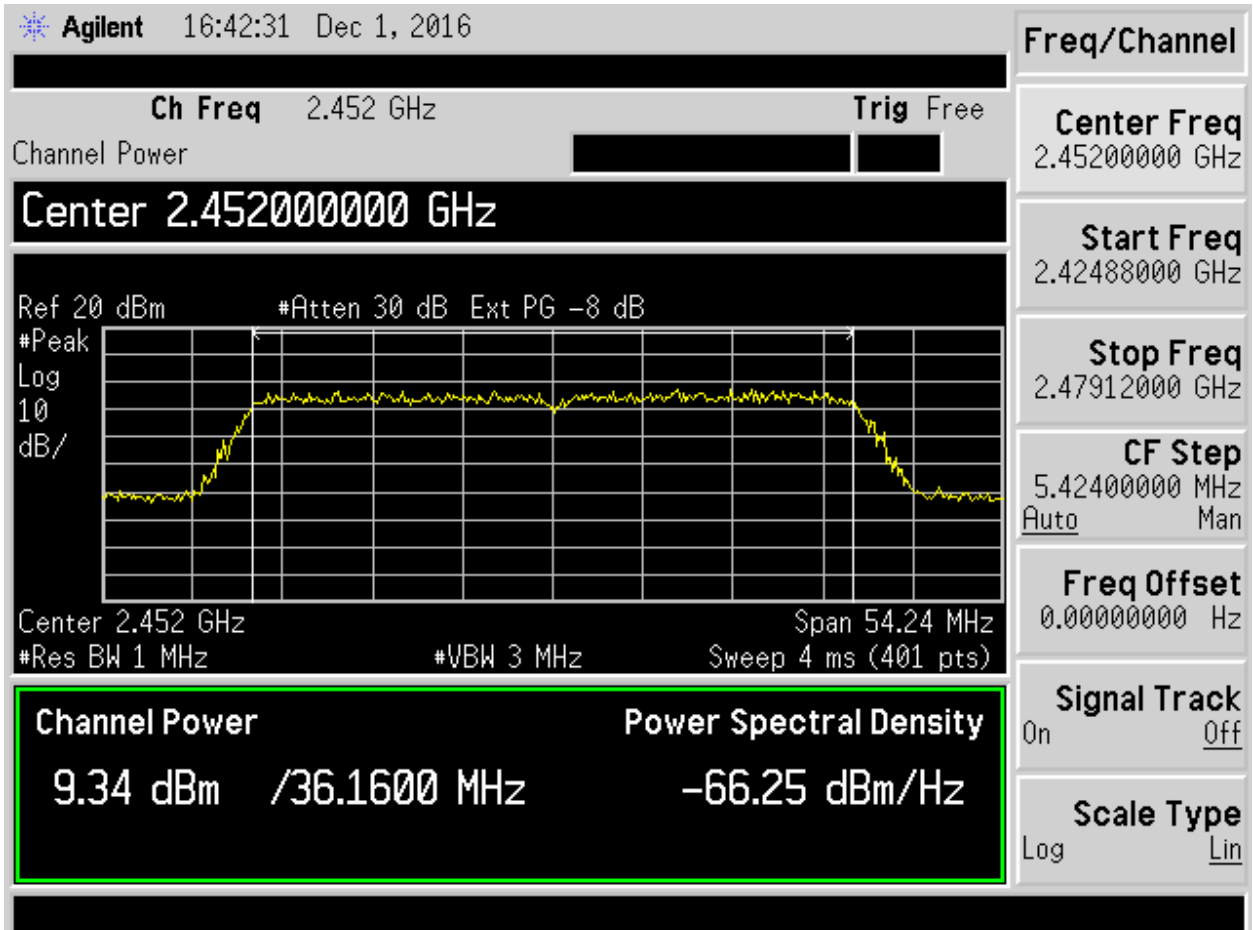


Figure 16. 802.11n(40), MCS7 Ch 11



US Tech Test Report:  
FCC ID:  
IC:  
Test Report Number:  
Issue Date:  
Customer:  
Model:

FCC Part 15 Certification/ RSS 247  
2ADCB-ACWIFI001  
6715A-ACWIFI001  
16-0141  
September 12, 2016  
Acuity Brands  
ACWIFI001

### Power Spectral Density

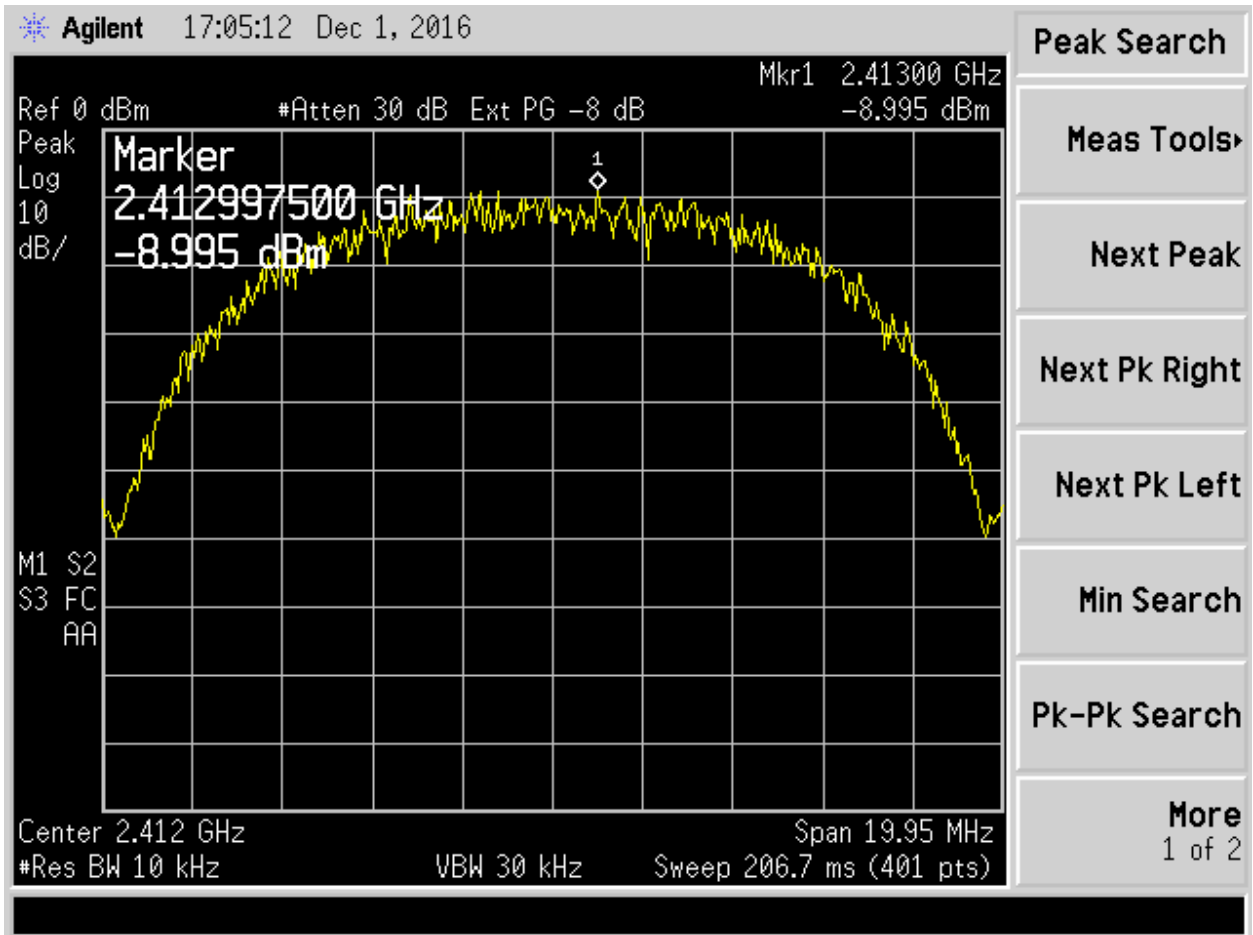


Figure 17. 802.11b, 1 Mbps Ch 1

US Tech Test Report:  
FCC ID:  
IC:  
Test Report Number:  
Issue Date:  
Customer:  
Model:

FCC Part 15 Certification/ RSS 247  
2ADCB-ACWIFI001  
6715A-ACWIFI001  
16-0141  
September 12, 2016  
Acuity Brands  
ACWIFI001

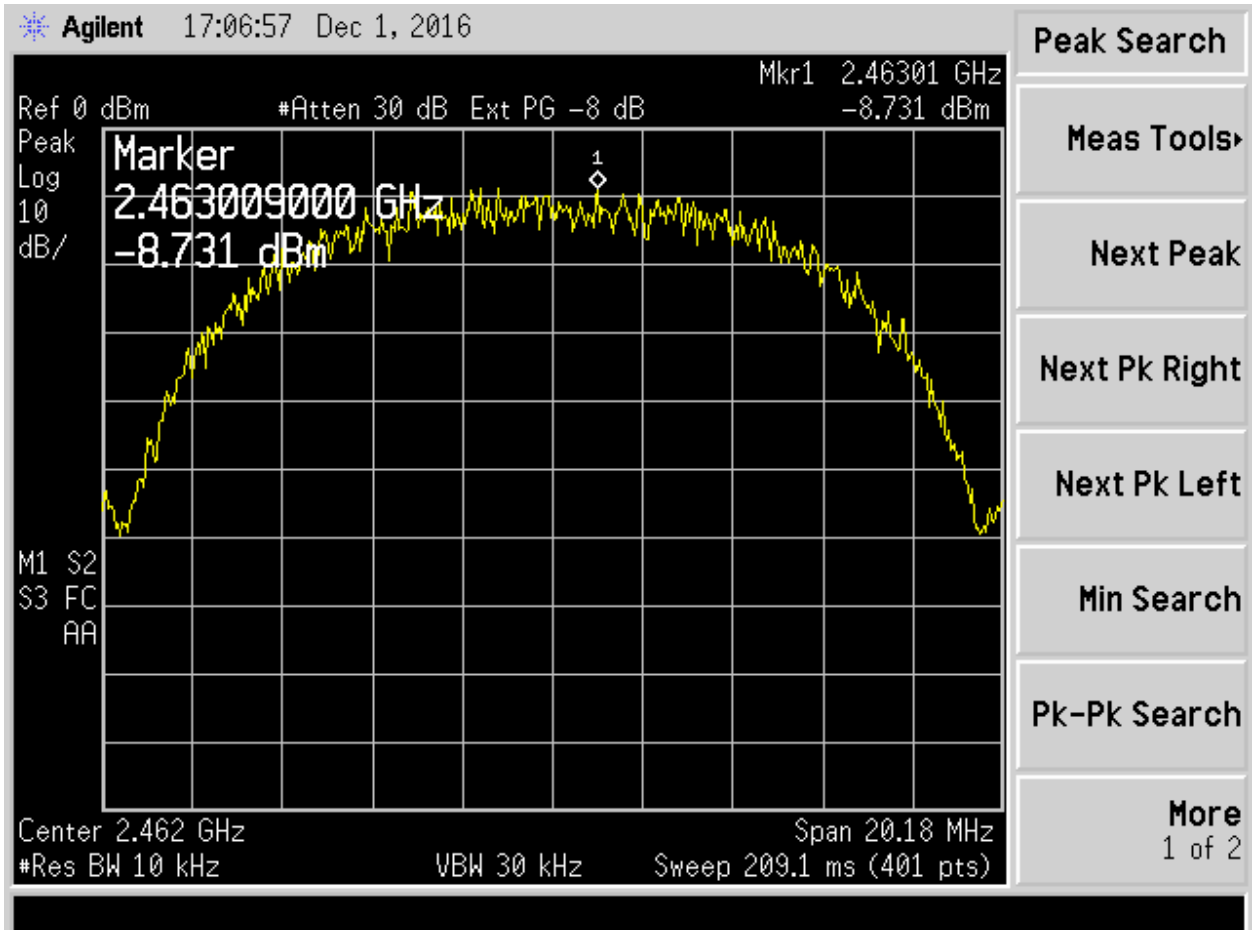


Figure 18. 802.11b, 1 Mbps Ch 11

US Tech Test Report:  
FCC ID:  
IC:  
Test Report Number:  
Issue Date:  
Customer:  
Model:

FCC Part 15 Certification/ RSS 247  
2ADCB-ACWIFI001  
6715A-ACWIFI001  
16-0141  
September 12, 2016  
Acuity Brands  
ACWIFI001

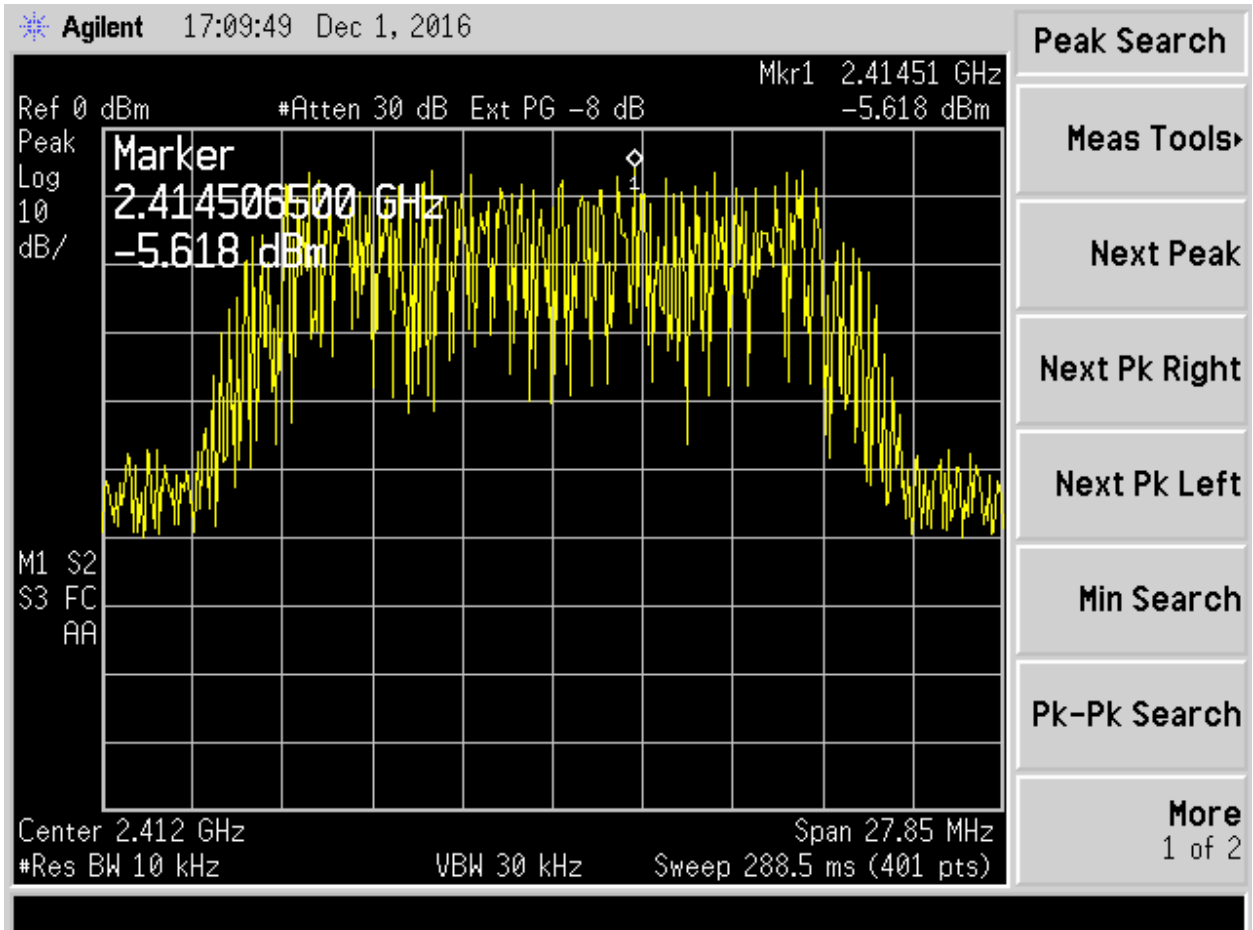


Figure 19. 802.11g, 6 Mbps Ch 1

US Tech Test Report:  
FCC ID:  
IC:  
Test Report Number:  
Issue Date:  
Customer:  
Model:

FCC Part 15 Certification/ RSS 247  
2ADCB-ACWIFI001  
6715A-ACWIFI001  
16-0141  
September 12, 2016  
Acuity Brands  
ACWIFI001

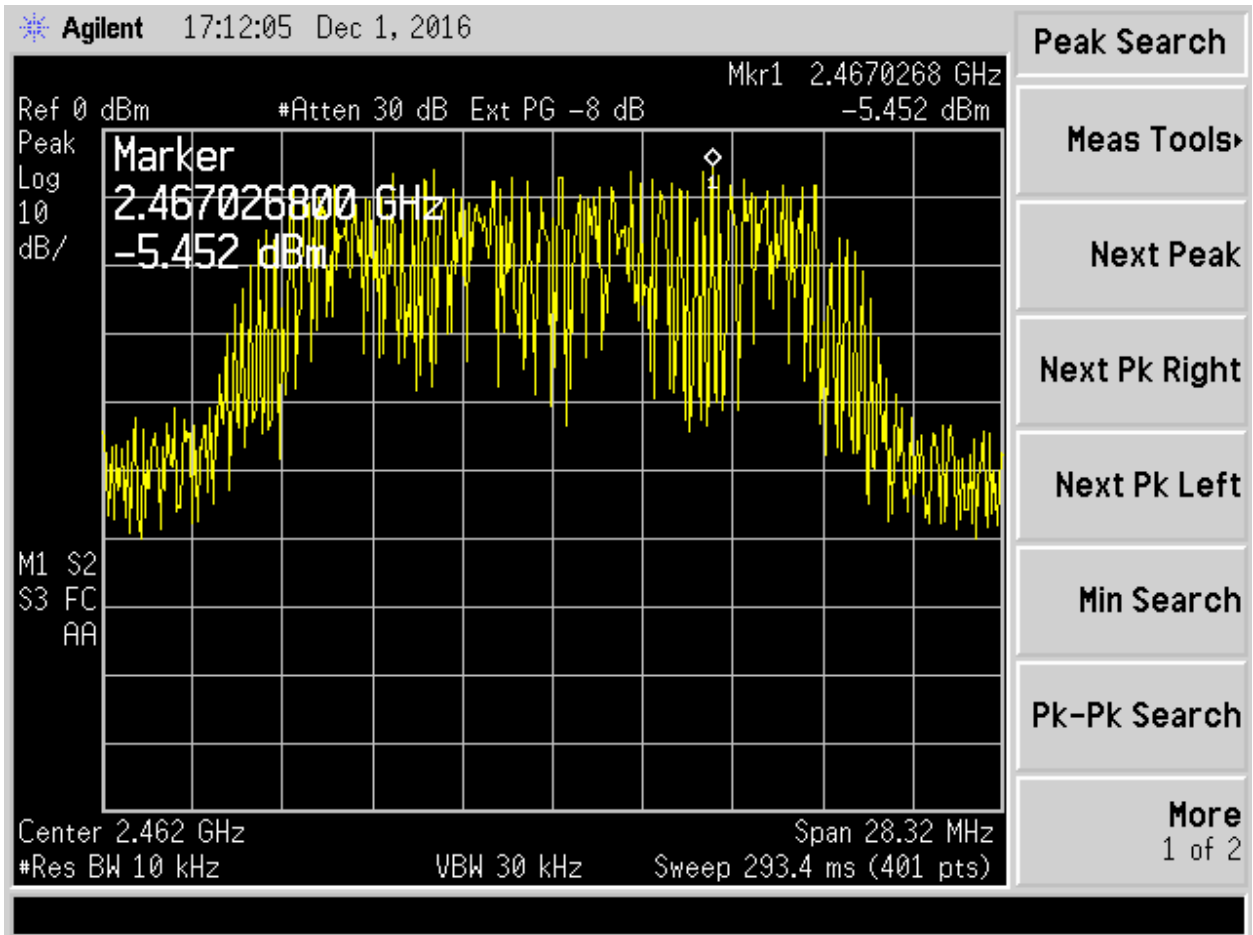


Figure 20. 802.11g, 6 Mbps Ch 11

US Tech Test Report:  
FCC ID:  
IC:  
Test Report Number:  
Issue Date:  
Customer:  
Model:

FCC Part 15 Certification/ RSS 247  
2ADCB-ACWIFI001  
6715A-ACWIFI001  
16-0141  
September 12, 2016  
Acuity Brands  
ACWIFI001

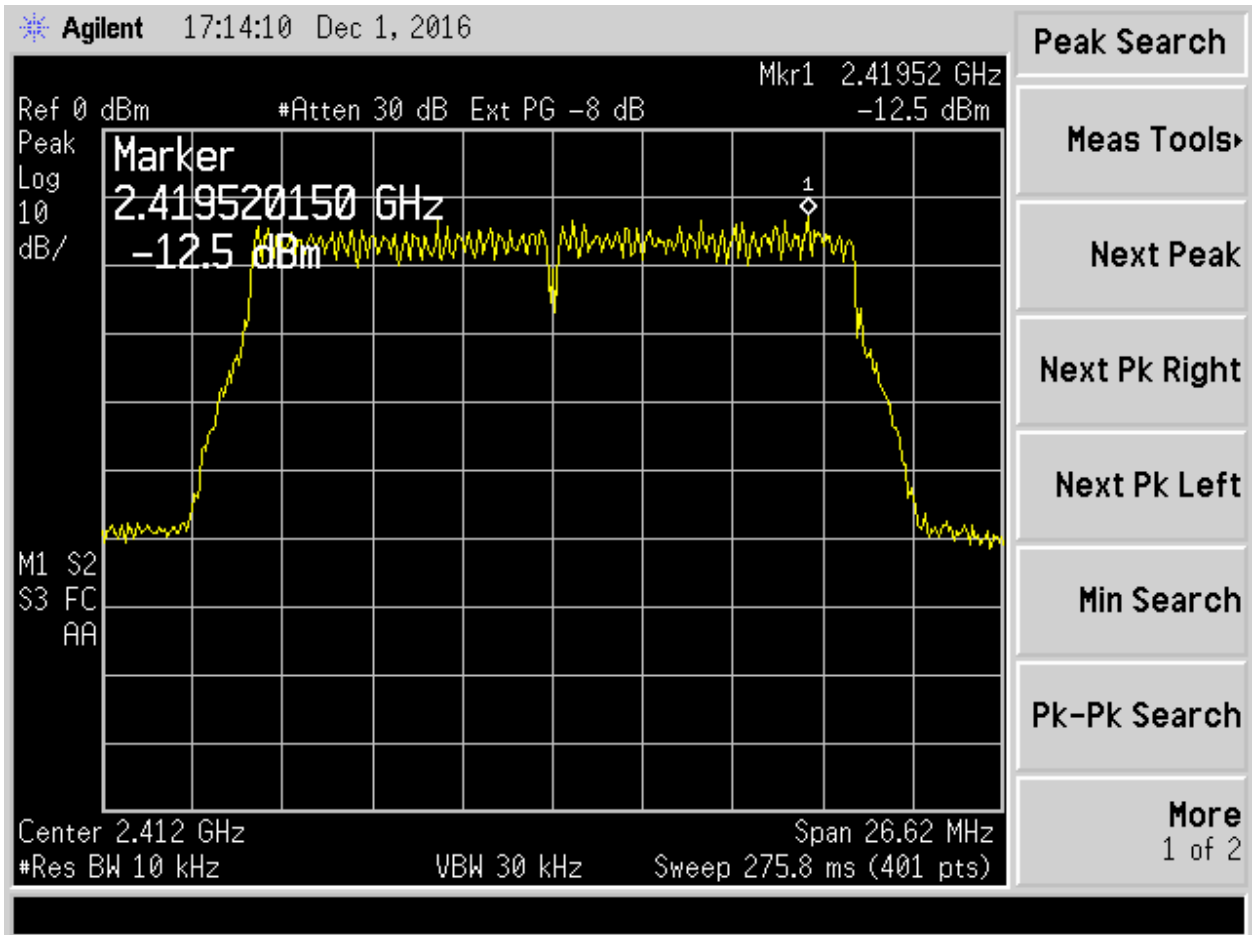


Figure 21. 802.11n, MCS0 Ch 1

US Tech Test Report:  
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Issue Date:  
Customer:  
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FCC Part 15 Certification/ RSS 247  
2ADCB-ACWIFI001  
6715A-ACWIFI001  
16-0141  
September 12, 2016  
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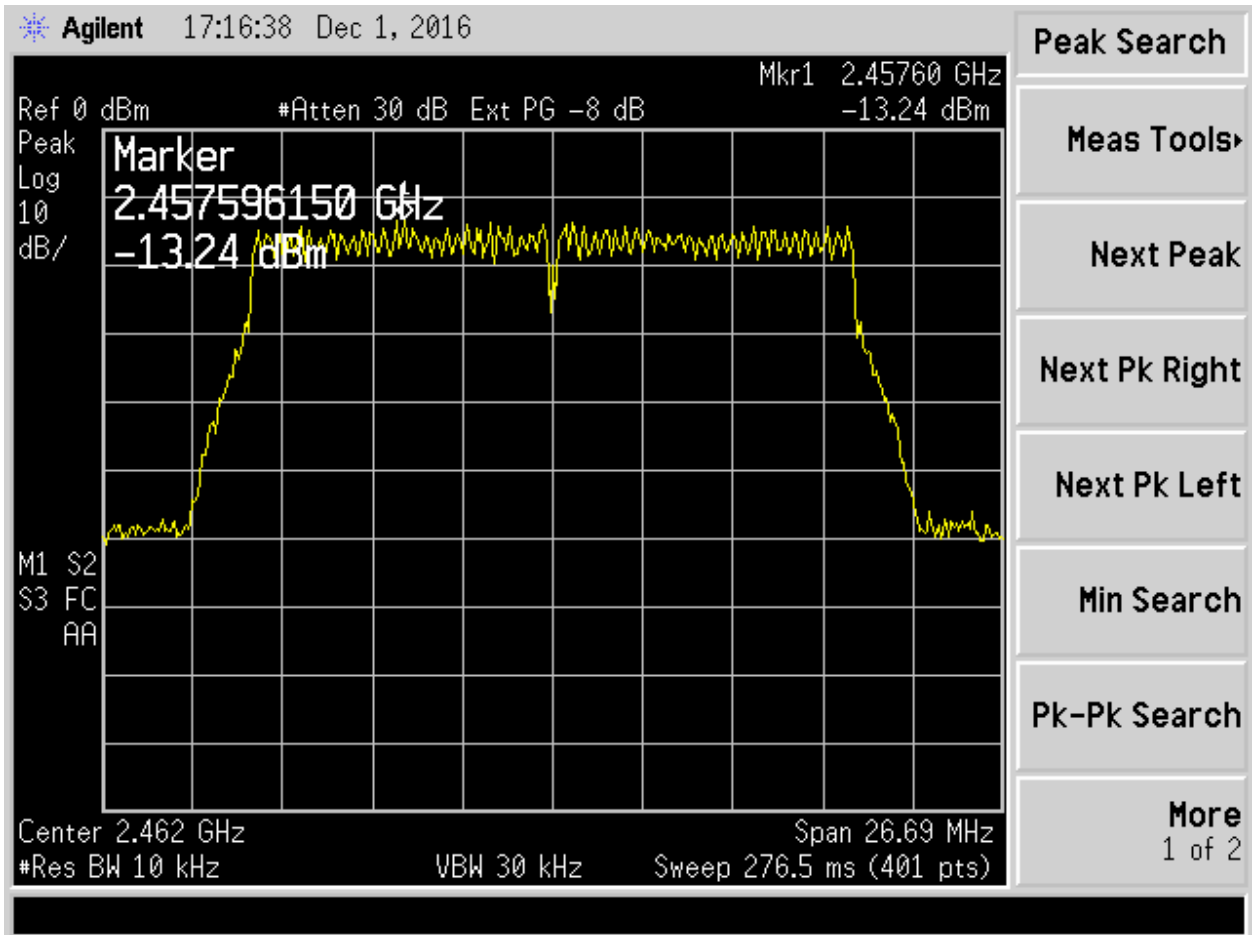


Figure 22. 802.11n, MCS0 Ch 11

US Tech Test Report:  
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FCC Part 15 Certification/ RSS 247  
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16-0141  
September 12, 2016  
Acuity Brands  
ACWIFI001

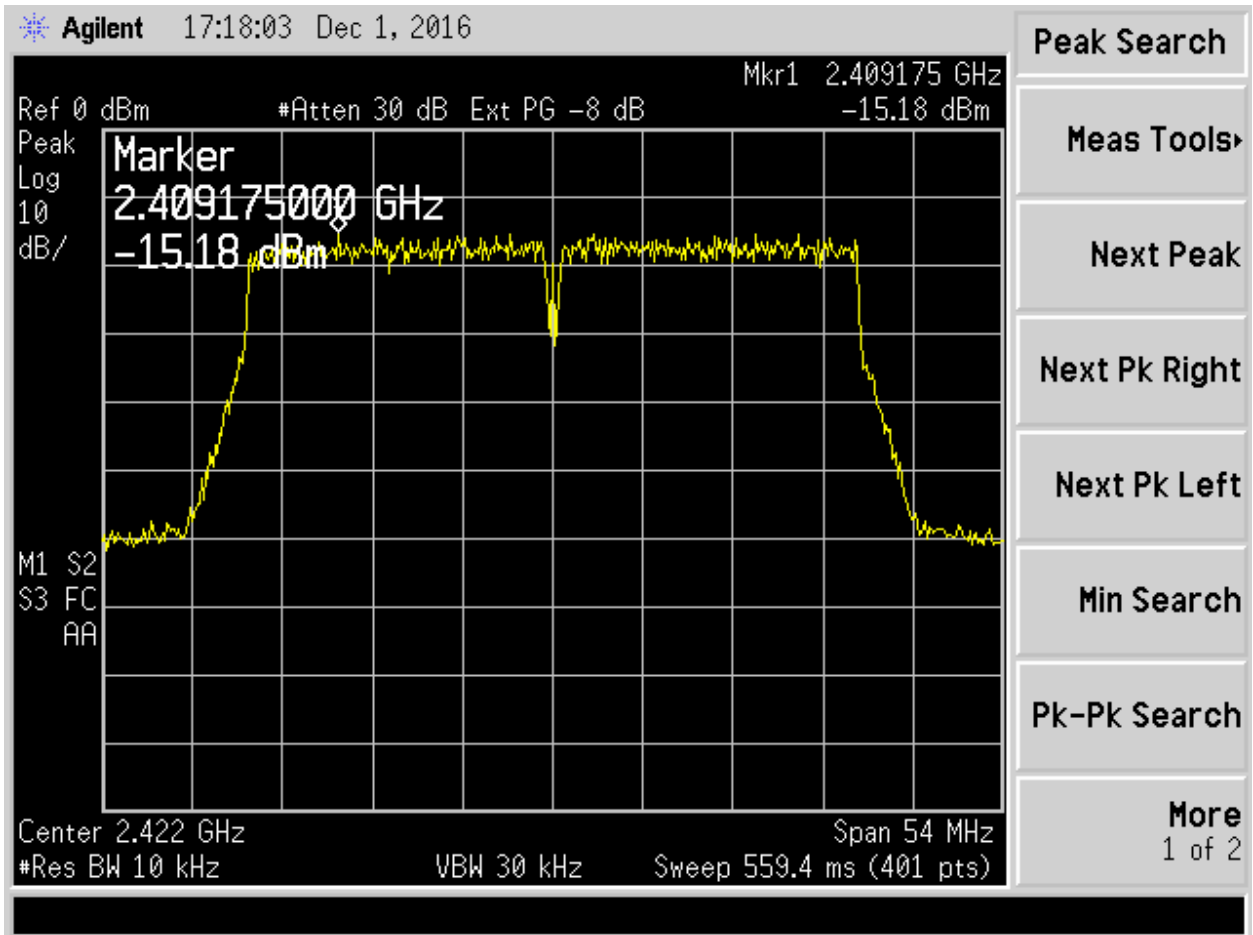


Figure 23. 802.11n(40), MCS0 Ch 3

US Tech Test Report:  
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ACWIFI001

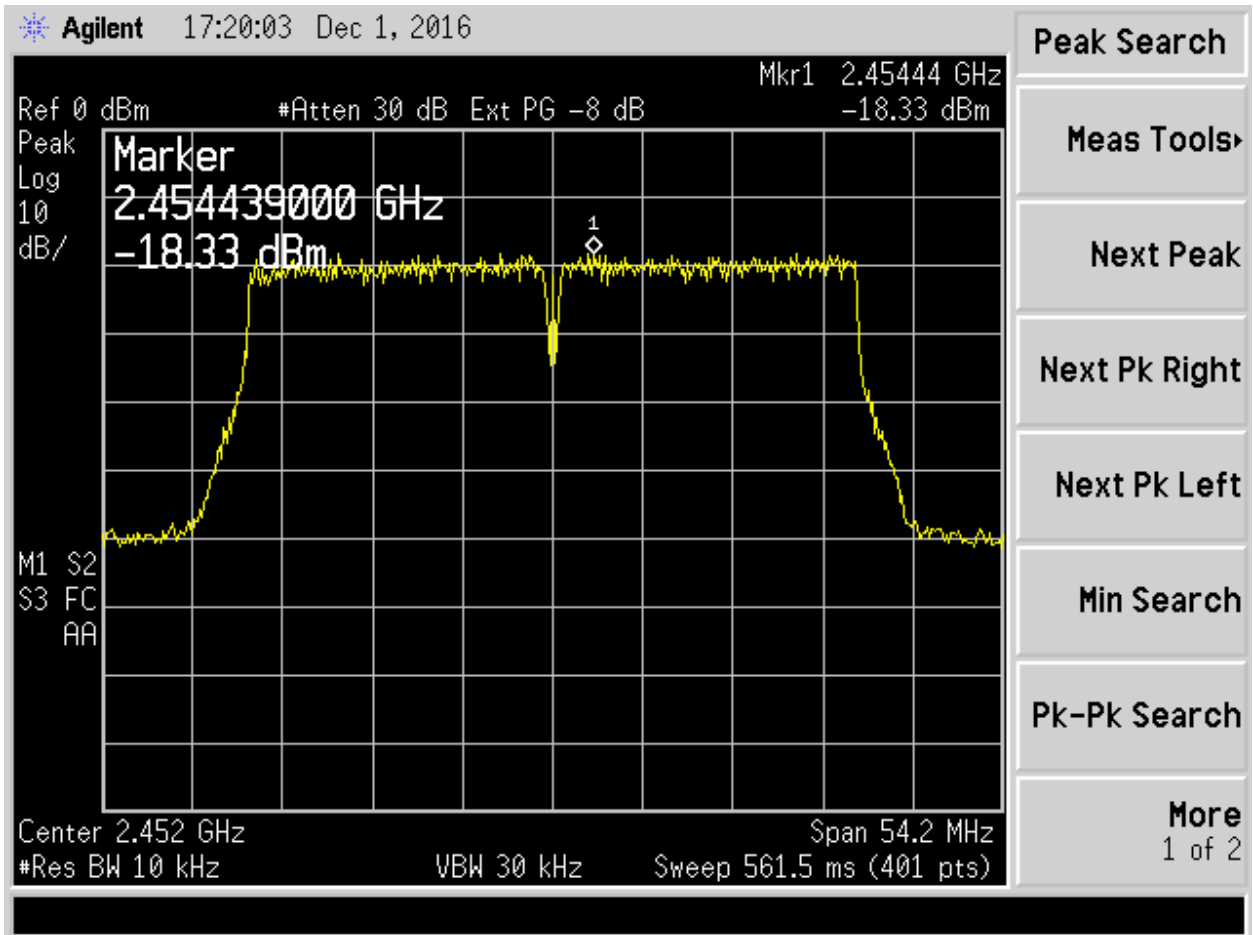


Figure 24. 802.11n(40), MCS0 Ch 11



US Tech Test Report:  
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 IC:  
 Test Report Number:  
 Issue Date:  
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 Model:

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 6715A-ACWIFI001  
 16-0141  
 September 12, 2016  
 Acuity Brands  
 ACWIFI001

## 5 GHz WiFi Portion of Radio

### Occupied Bandwidth

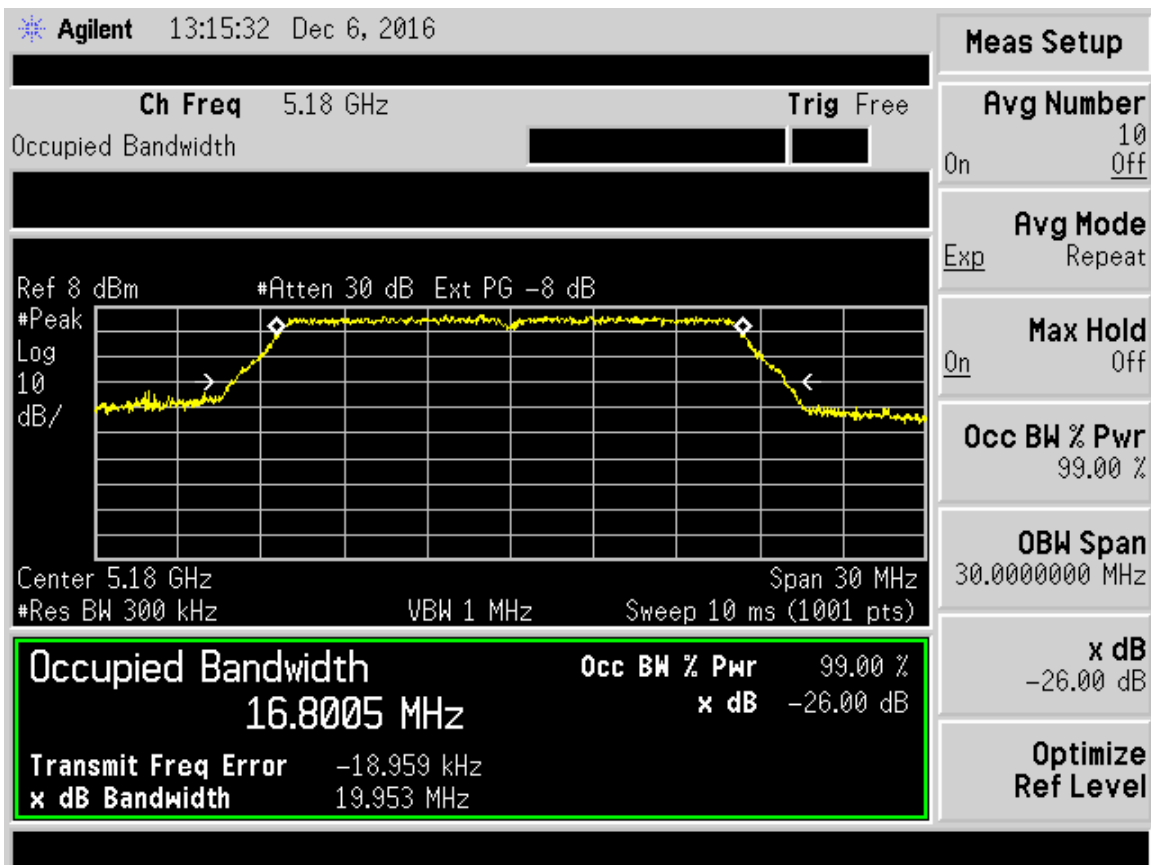


Figure 25. 802.11a(20), Ch 36, 6 Mbps

US Tech Test Report:  
 FCC ID:  
 IC:  
 Test Report Number:  
 Issue Date:  
 Customer:  
 Model:

FCC Part 15 Certification/ RSS 247  
 2ADCB-ACWIFI001  
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 16-0141  
 September 12, 2016  
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 ACWIFI001

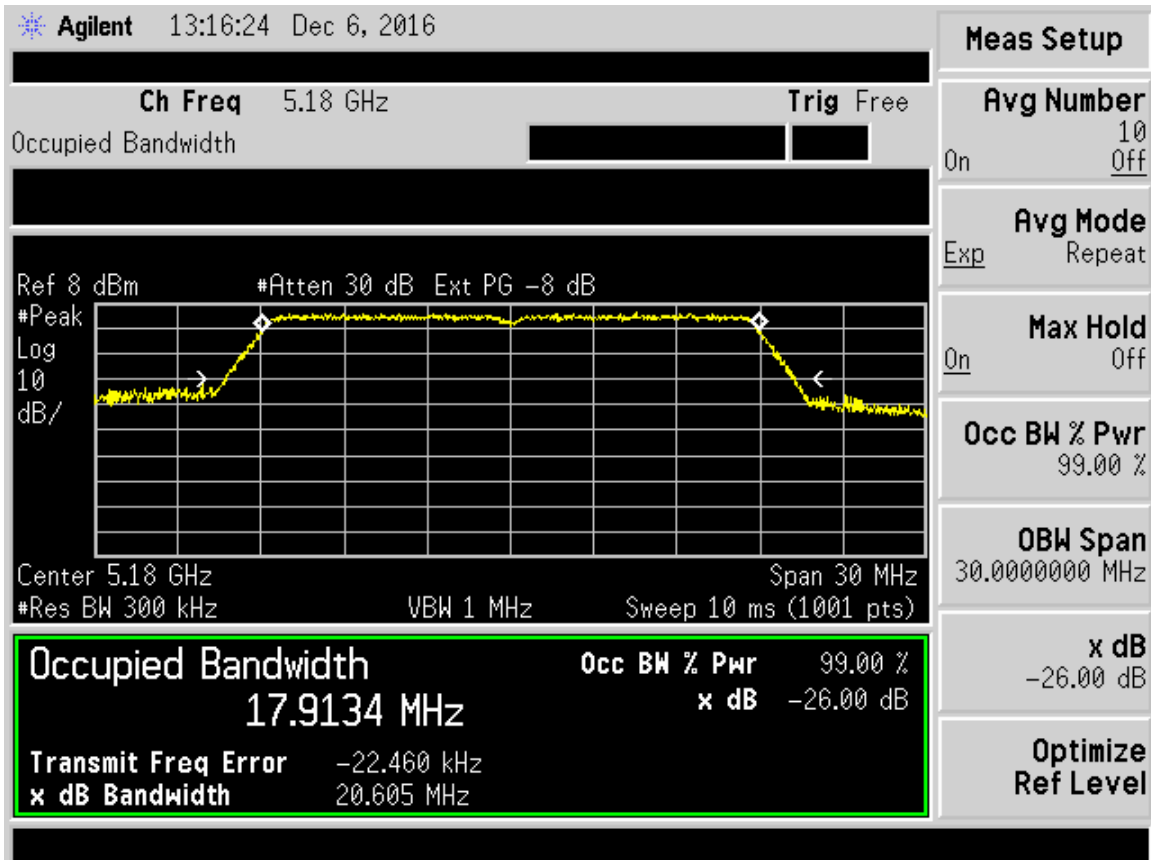


Figure 26. 802.11 Ch 36, MCS0

US Tech Test Report:  
 FCC ID:  
 IC:  
 Test Report Number:  
 Issue Date:  
 Customer:  
 Model:

FCC Part 15 Certification/ RSS 247  
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 16-0141  
 September 12, 2016  
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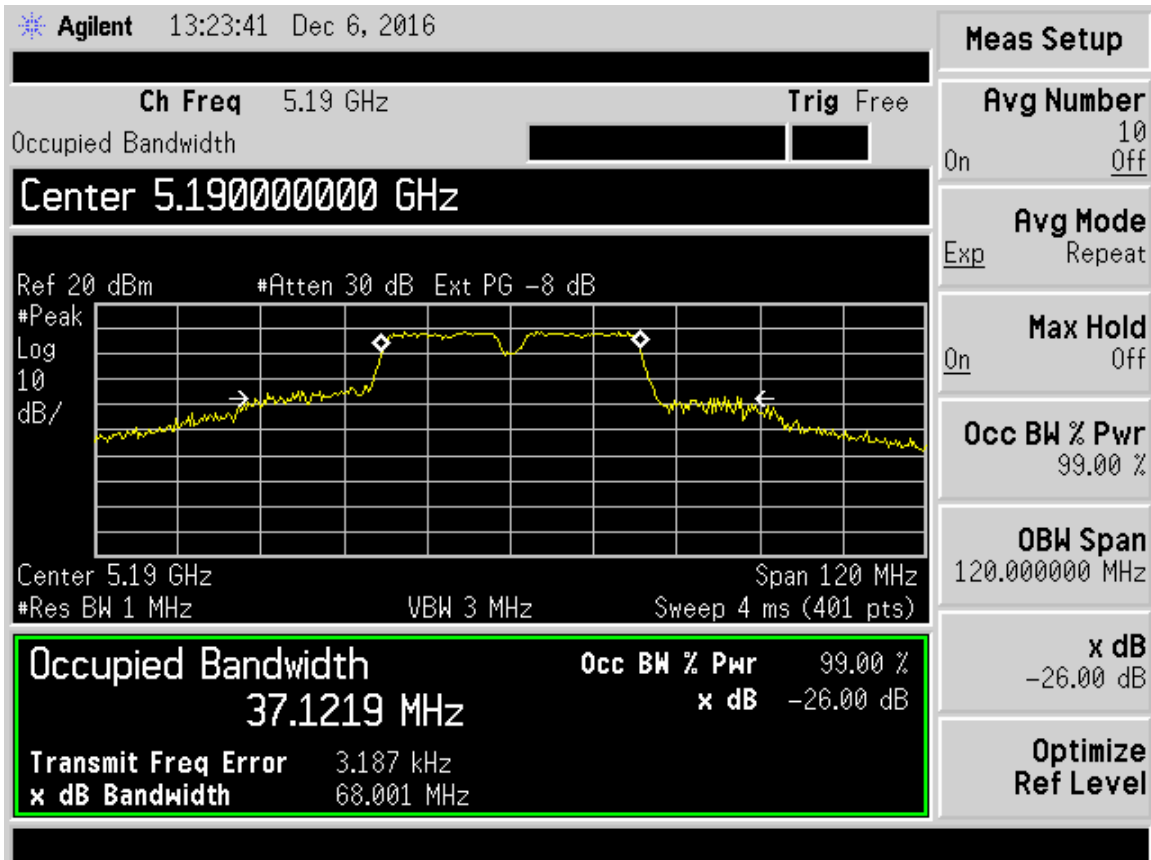


Figure 27. 802.11a(40), Ch 38, 6 Mbps

US Tech Test Report:  
 FCC ID:  
 IC:  
 Test Report Number:  
 Issue Date:  
 Customer:  
 Model:

FCC Part 15 Certification/ RSS 247  
 2ADCB-ACWIFI001  
 6715A-ACWIFI001  
 16-0141  
 September 12, 2016  
 Acuity Brands  
 ACWIFI001

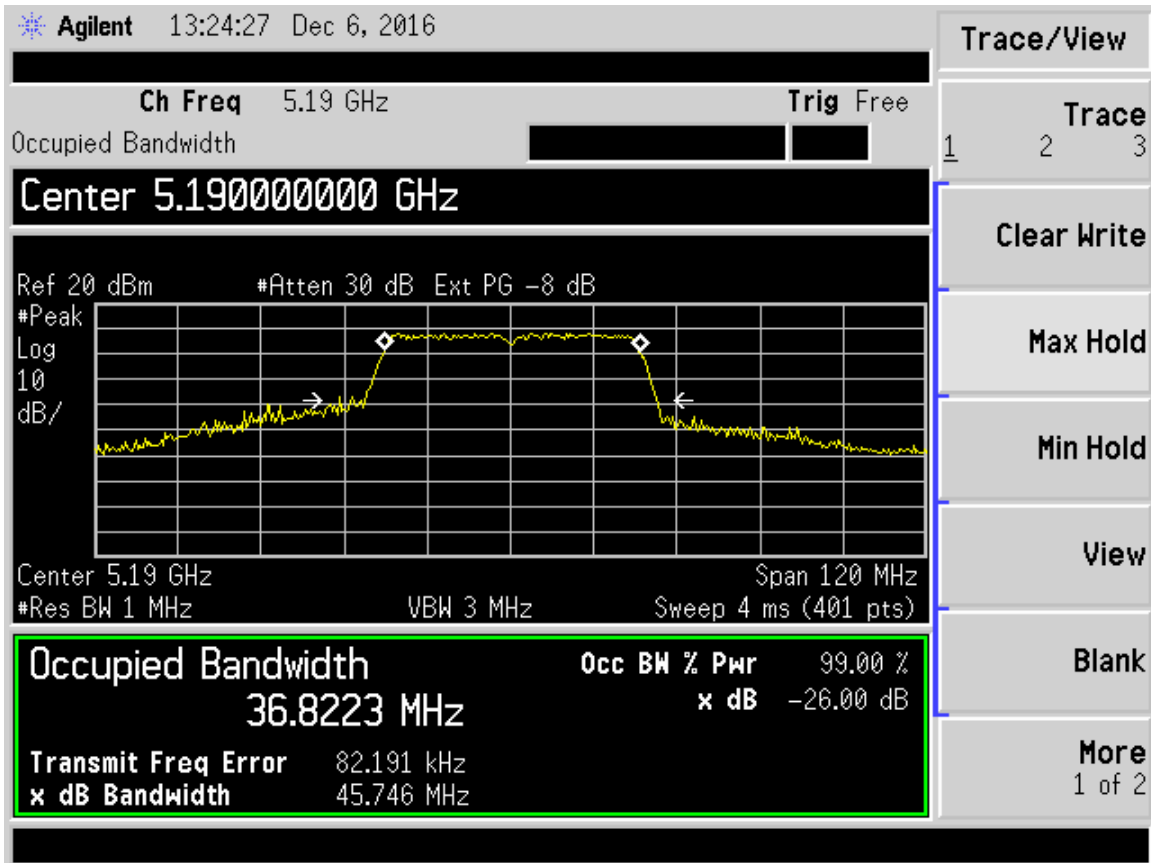


Figure 28. 802.11n(40) Ch 38, MCS0

### Output Power and Spectral Density

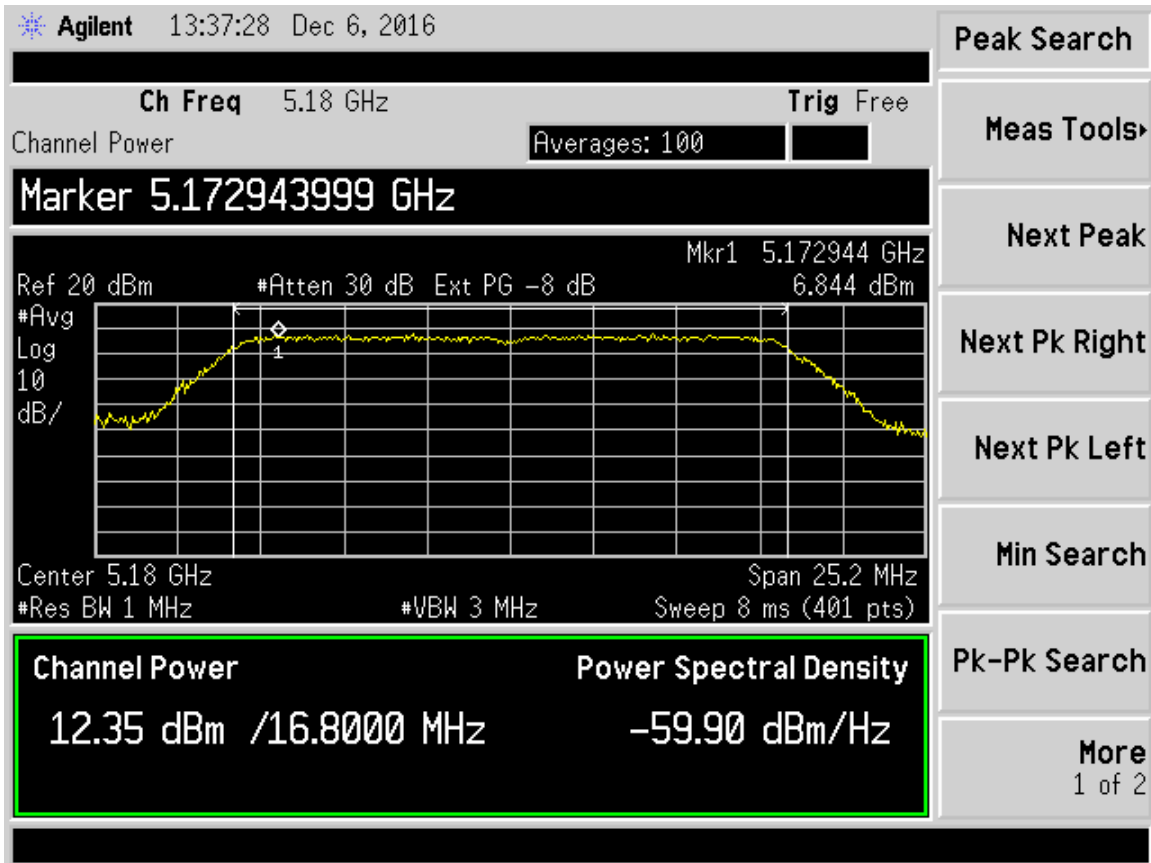


Figure 29. 802.11a Ch 36, 6 Mbps Output Power and PSD

US Tech Test Report:  
FCC ID:  
IC:  
Test Report Number:  
Issue Date:  
Customer:  
Model:

FCC Part 15 Certification/ RSS 247  
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6715A-ACWIFI001  
16-0141  
September 12, 2016  
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ACWIFI001

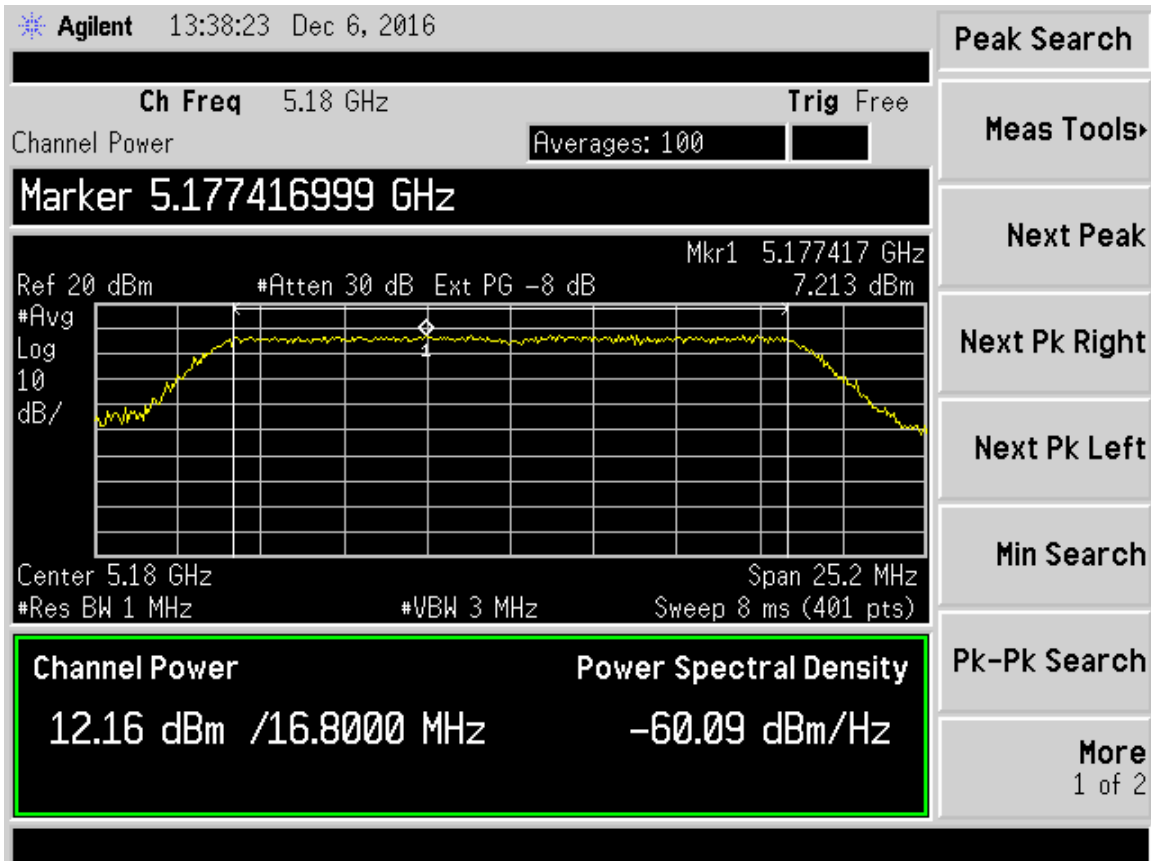


Figure 30. 802.11n Ch 36, MCS0 Output Power and PSD

US Tech Test Report:  
FCC ID:  
IC:  
Test Report Number:  
Issue Date:  
Customer:  
Model:

FCC Part 15 Certification/ RSS 247  
2ADCB-ACWIFI001  
6715A-ACWIFI001  
16-0141  
September 12, 2016  
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ACWIFI001

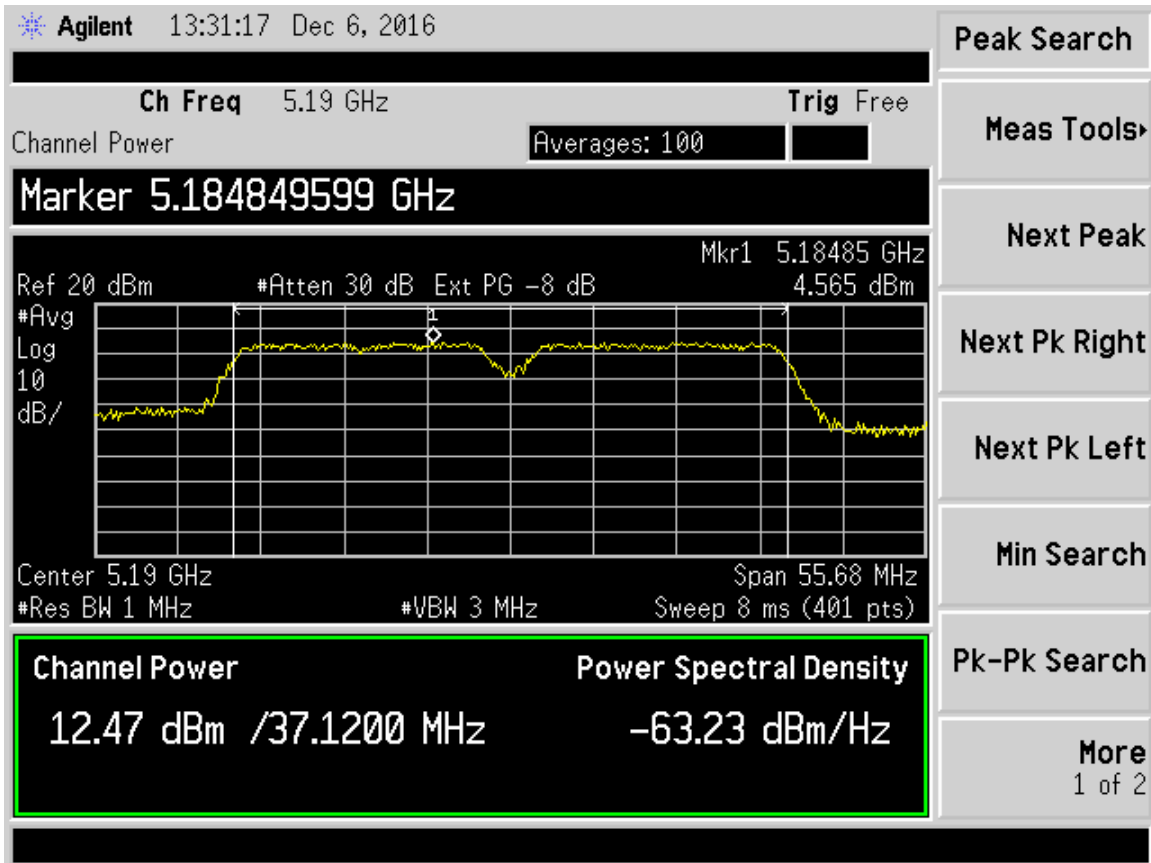


Figure 31. 802.11a(40), Ch 38 MCS0 Output Power and PSD

US Tech Test Report:  
FCC ID:  
IC:  
Test Report Number:  
Issue Date:  
Customer:  
Model:

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16-0141  
September 12, 2016  
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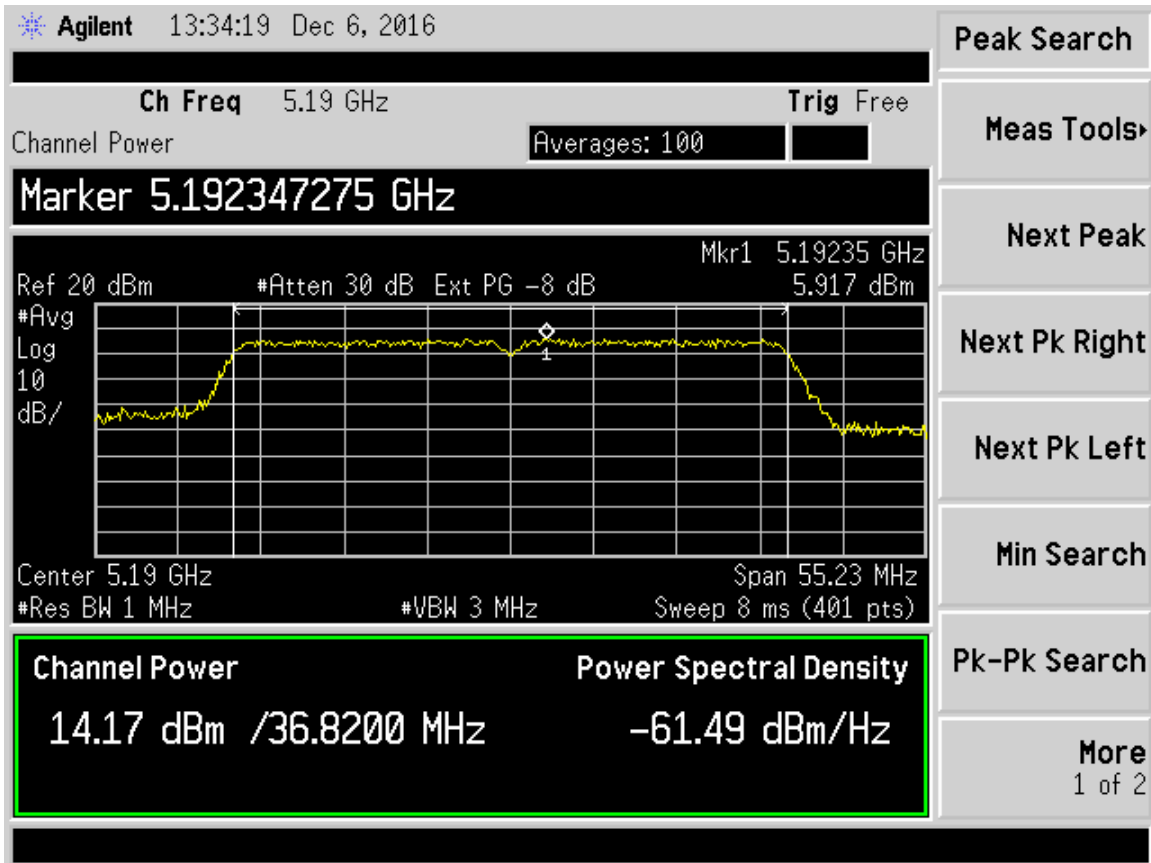


Figure 32. 802.11n(40) Ch 38, MCS0 Output Power and PSD