



**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
**Serial #:** RDWN14-U1 Rev A  
**Issue Date:** 12th December 2012  
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## **APPENDIX**

### **A. SUPPORTING INFORMATION**

#### **A.1. CONDUCTED TEST PLOTS**

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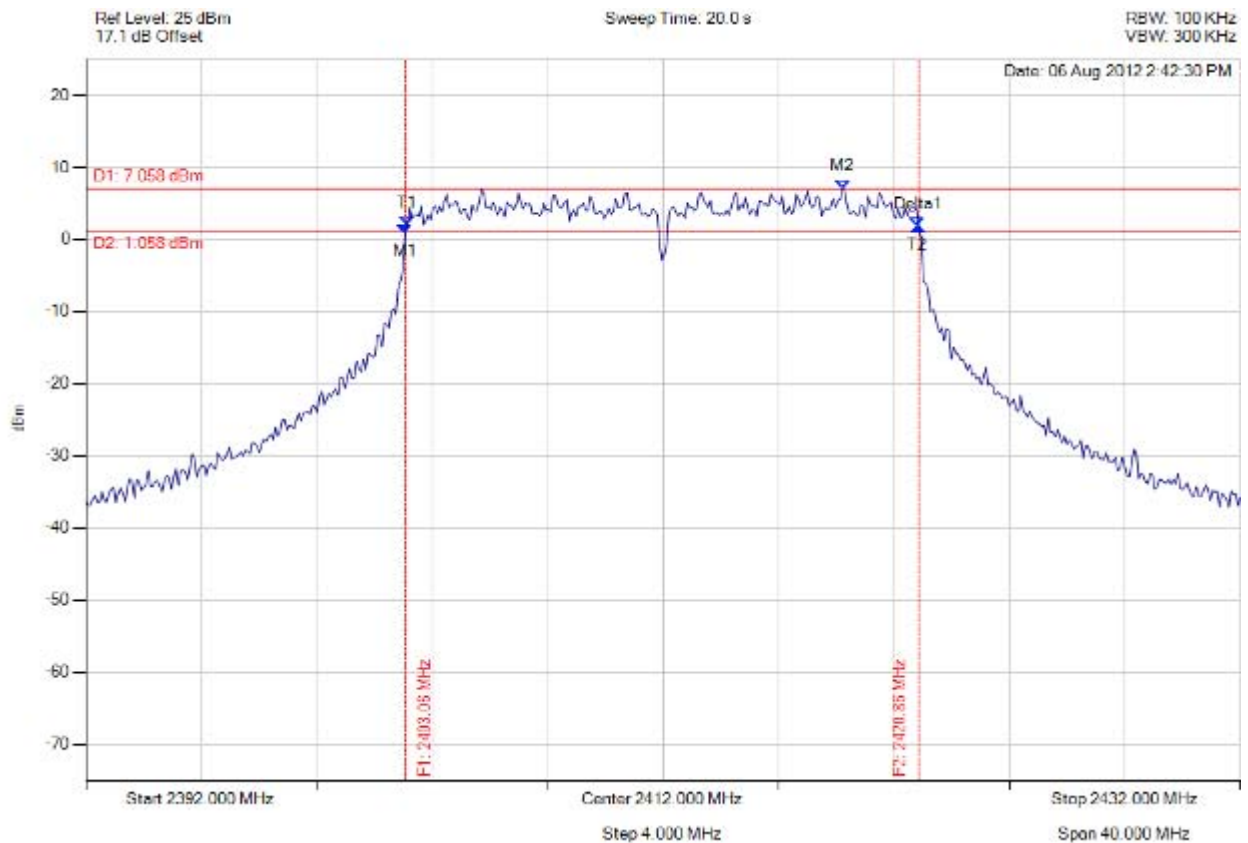
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### A.1.1. 6 dB & 99% Bandwidth



**6 dB 99%**

Variant: 802.11n HT-20, Channel: 2412.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.062 MHz : 0.831 dBm M2 : 2418.212 MHz : 7.058 dBm Delta1 : 17.796 MHz : 0.931 dBm T1 : 2403.142 MHz : 1.964 dBm T2 : 2420.778 MHz : 1.762 dBm OBW : 17.715 MHz	Measured 6 dB Bandwidth: 17.796 MHz Limit: 0.5 MHz Margin: -17.30 MHz

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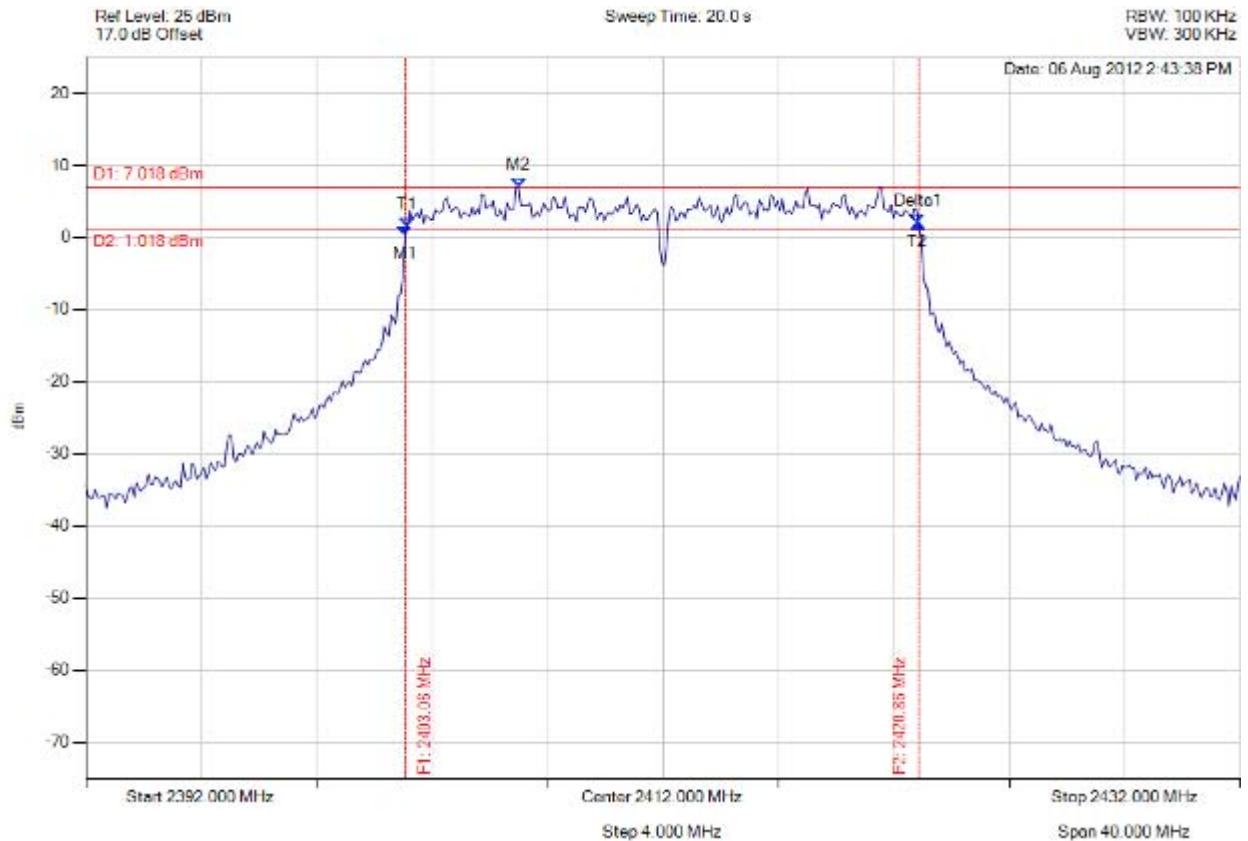


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**6 dB 99%**

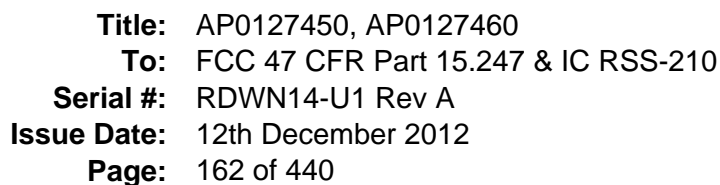
Variant: 802.11n HT-20, Channel: 2412.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



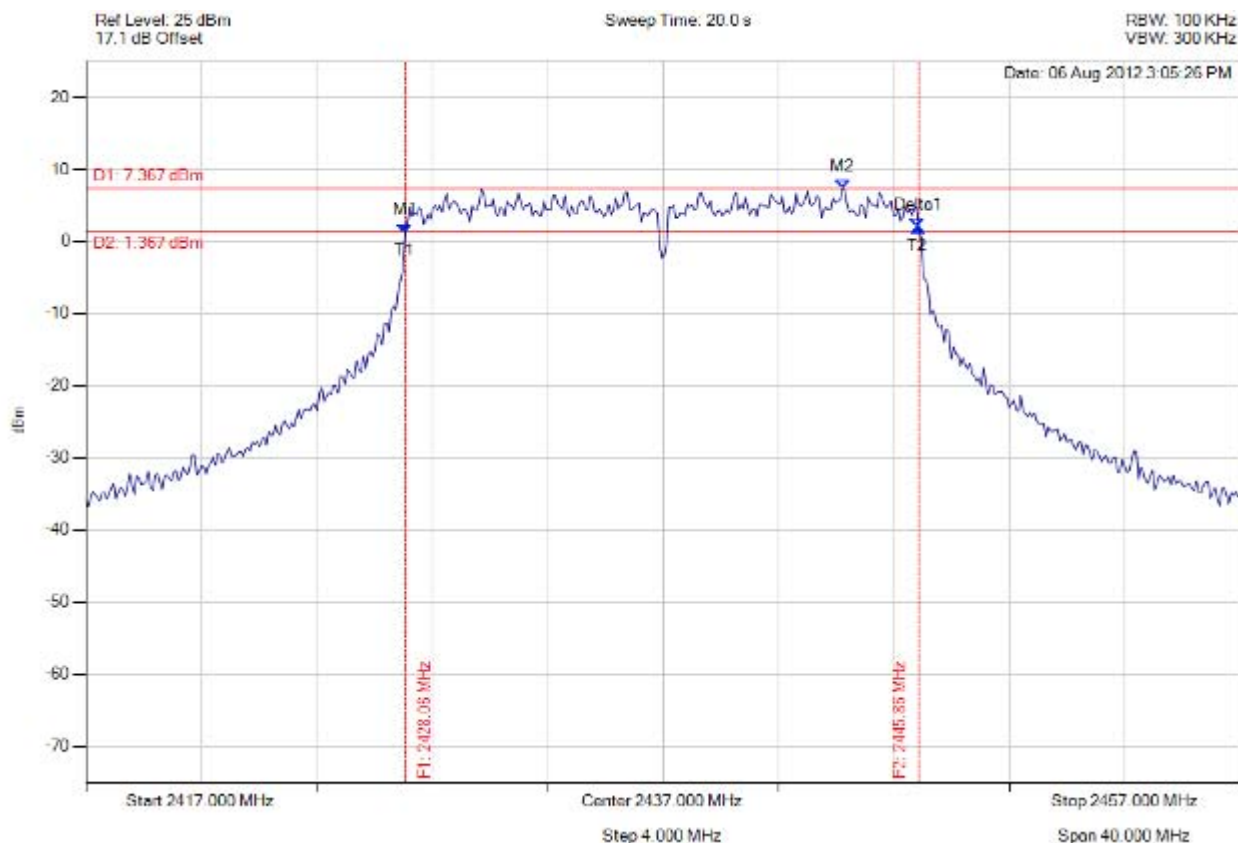
Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.062 MHz : 0.274 dBm M2 : 2406.990 MHz : 7.018 dBm Delta1 : 17.796 MHz : 1.716 dBm T1 : 2403.142 MHz : 1.527 dBm T2 : 2420.778 MHz : 1.990 dBm OBW : 17.715 MHz	Measured 6 dB Bandwidth: 17.796 MHz Limit: 0.5 MHz Margin: -17.30 MHz

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Variant: 802.11n HT-20, Channel: 2437.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2428.062 MHz : 1.215 dBm M2 : 2443.212 MHz : 7.367 dBm Delta1 : 17.796 MHz : 0.767 dBm T1 : 2428.062 MHz : 1.215 dBm T2 : 2445.778 MHz : 1.982 dBm OBW : 17.796 MHz	Measured 6 dB Bandwidth: 17.796 MHz Limit: 0.5 MHz Margin: -17.30 MHz

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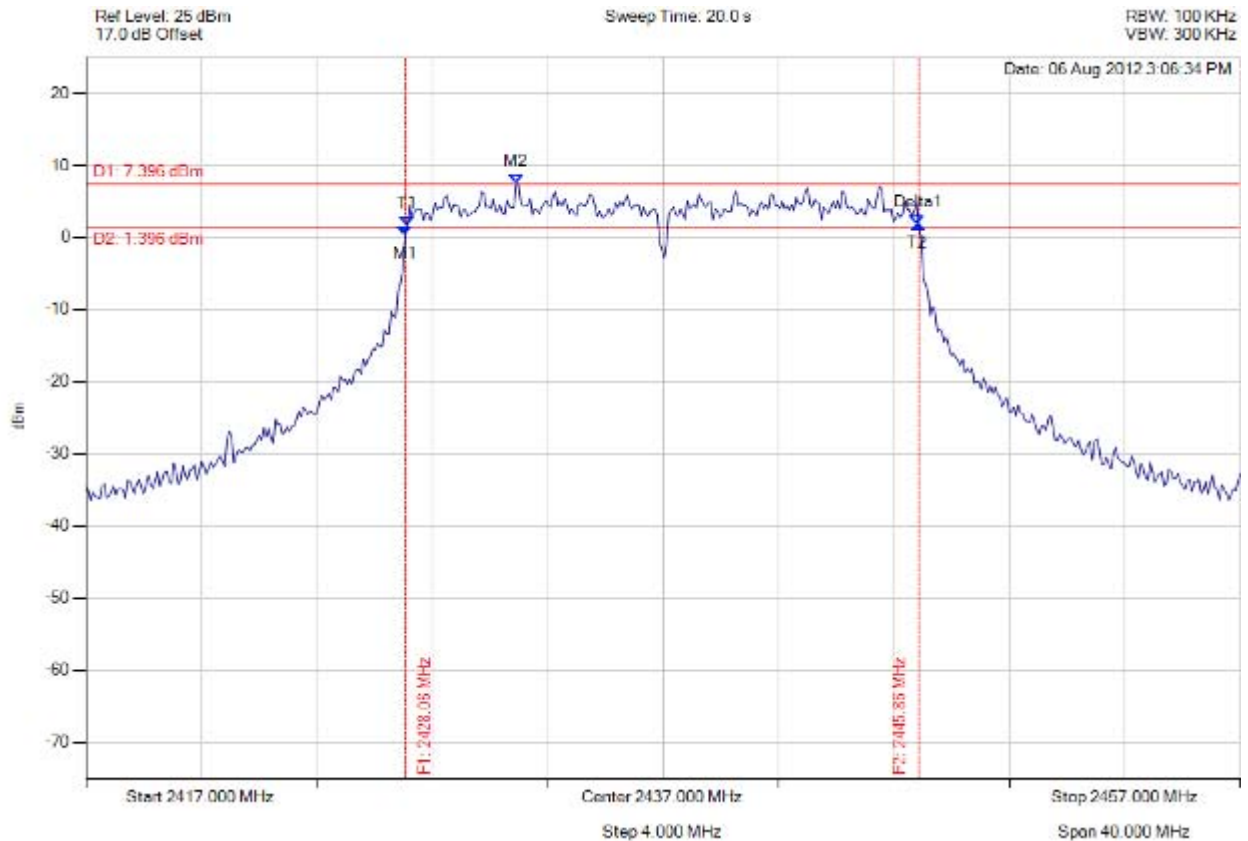


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6 dB 99%

Variant: 802.11n HT-20, Channel: 2437.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2428.062 MHz : 0.237 dBm M2 : 2431.910 MHz : 7.396 dBm Delta1 : 17.796 MHz : 1.509 dBm T1 : 2428.142 MHz : 1.691 dBm T2 : 2445.778 MHz : 1.746 dBm OBW : 17.715 MHz	Measured 6 dB Bandwidth: 17.796 MHz Limit: 0.5 MHz Margin: -17.30 MHz

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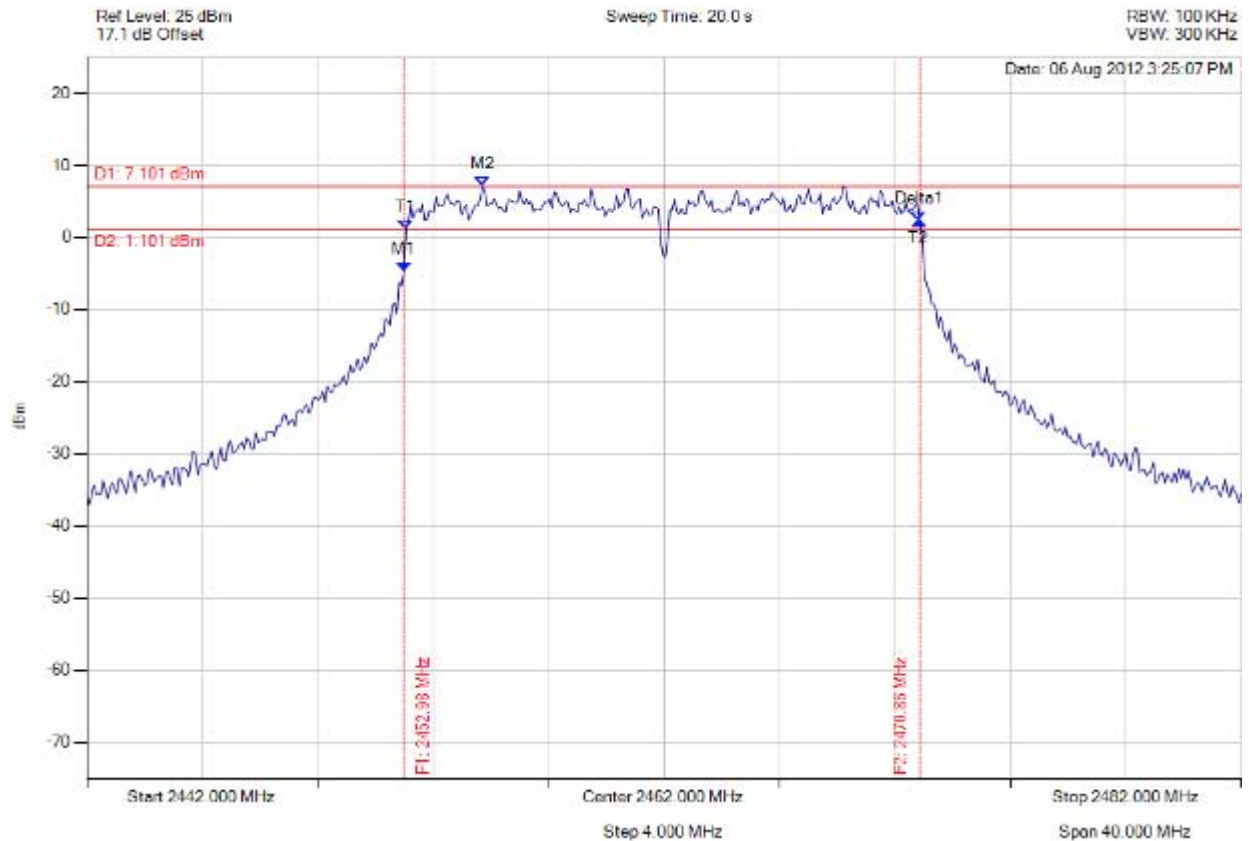


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**6 dB 99%**

Variant: 802.11n HT-20, Channel: 2462.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2452.982 MHz : -4.695 dBm M2 : 2455.707 MHz : 7.101 dBm Delta1 : 17.876 MHz : 7.037 dBm T1 : 2453.062 MHz : 1.201 dBm T2 : 2470.778 MHz : 2.342 dBm OBW : 17.796 MHz	Measured 6 dB Bandwidth: 17.876 MHz Limit: 0.5 MHz Margin: -17.38 MHz

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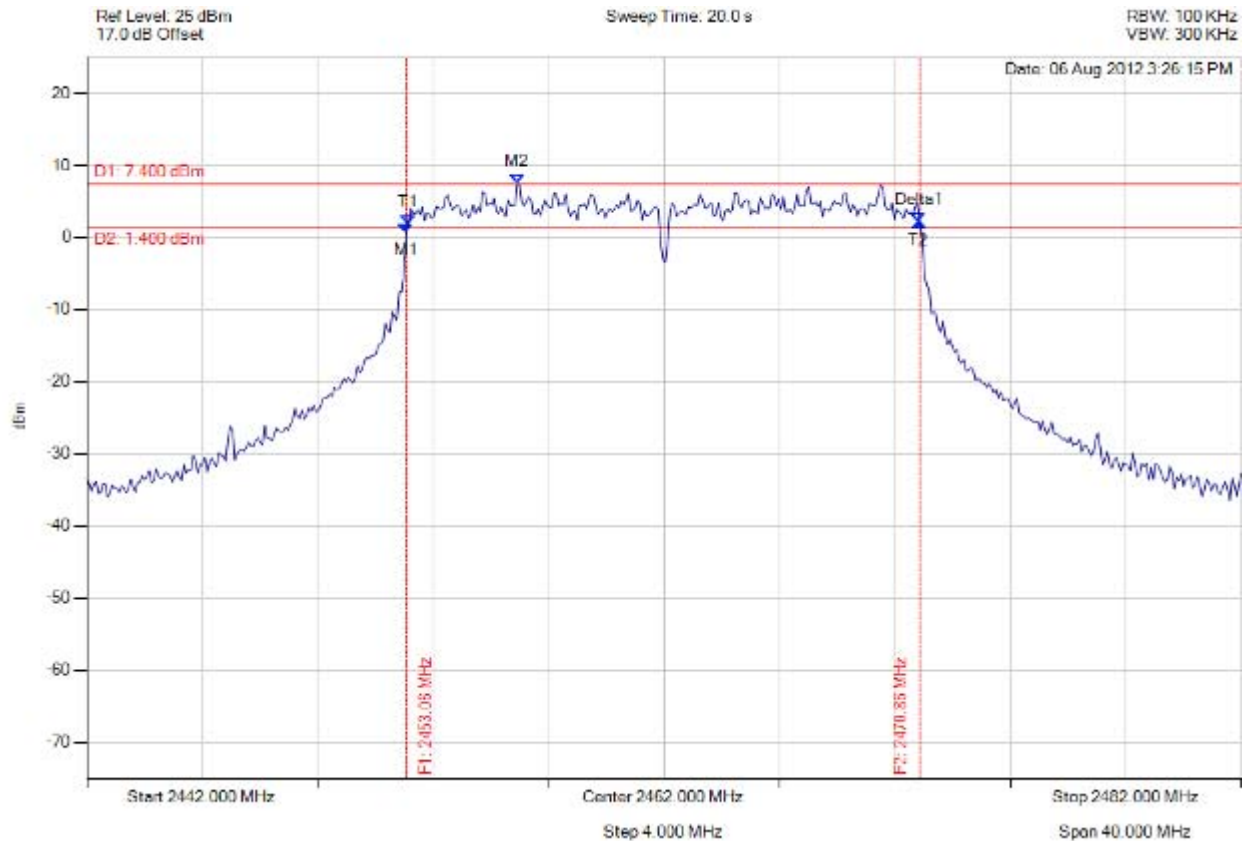


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**6 dB 99%**

Variant: 802.11n HT-20, Channel: 2462.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2453.062 MHz : 0.701 dBm M2 : 2456.910 MHz : 7.400 dBm Delta1 : 17.796 MHz : 1.452 dBm T1 : 2453.142 MHz : 1.752 dBm T2 : 2470.778 MHz : 2.153 dBm OBW : 17.715 MHz	Measured 6 dB Bandwidth: 17.796 MHz Limit: 0.5 MHz Margin: -17.30 MHz

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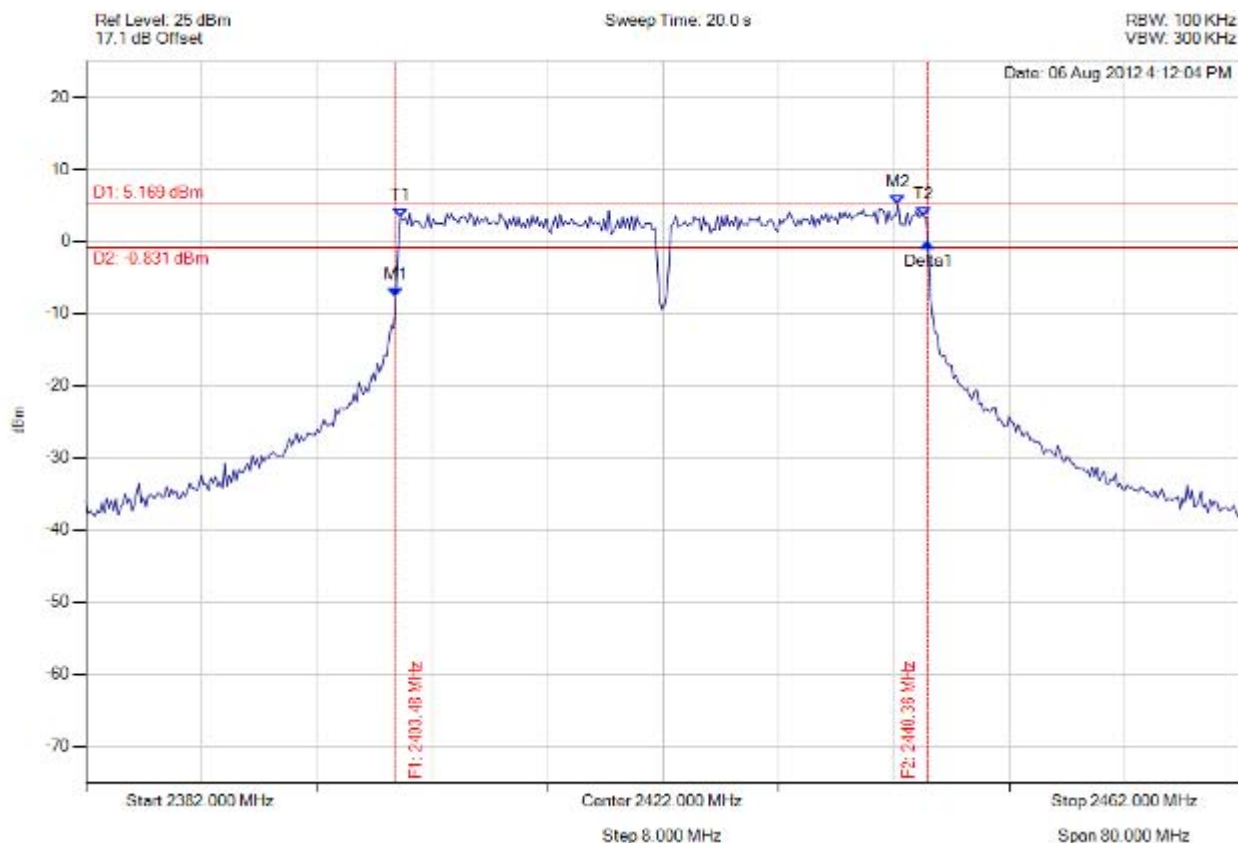


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6 dB 99%

Variant: 802.11n HT-40, Channel: 2422.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.483 MHz : -7.642 dBm M2 : 2438.273 MHz : 5.169 dBm Delta1 : 36.874 MHz : 7.407 dBm T1 : 2403.804 MHz : 3.292 dBm T2 : 2440.036 MHz : 3.475 dBm OBW : 36.393 MHz	Measured 6 dB Bandwidth: 36.874 MHz Limit: 0.5 MHz Margin: -36.37 MHz

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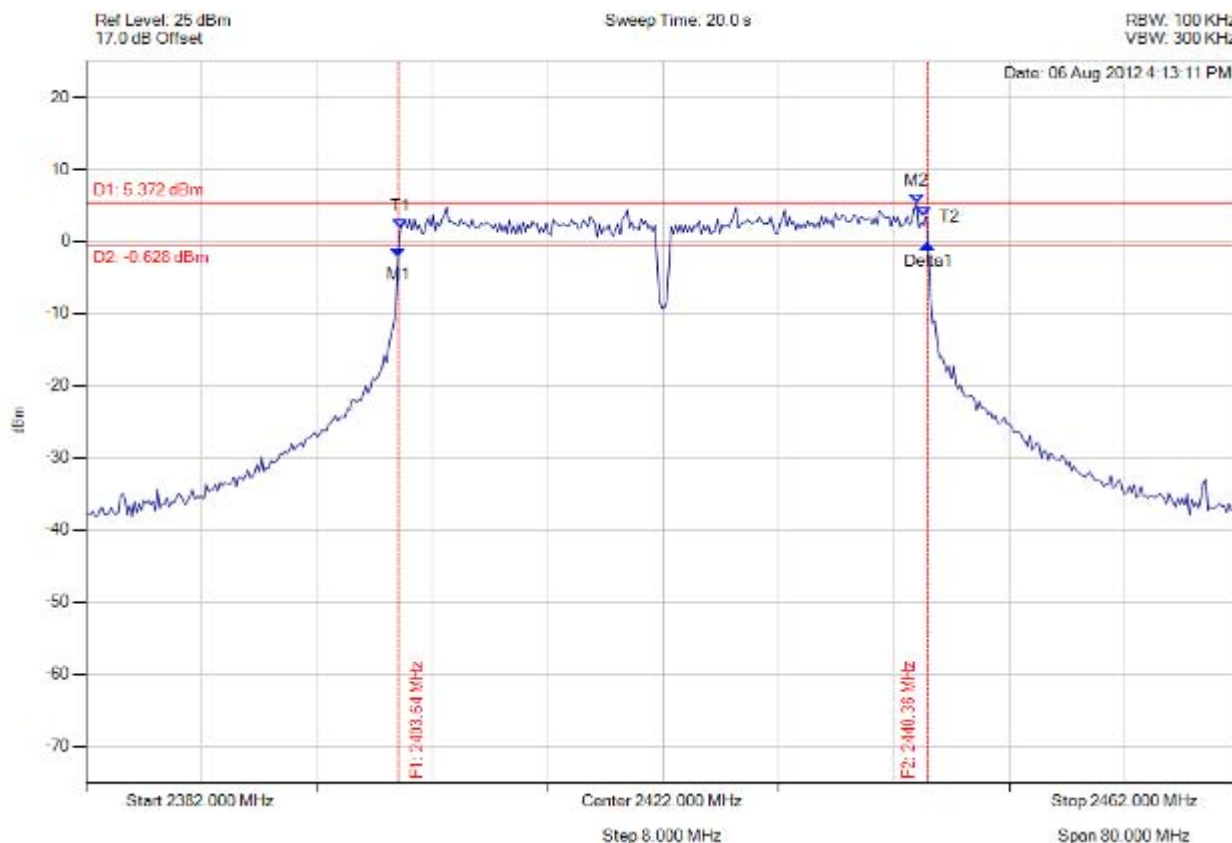


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6 dB 99%

Variant: 802.11n HT-40, Channel: 2422.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.643 MHz : -2.157 dBm M2 : 2439.555 MHz : 5.372 dBm Delta1 : 36.713 MHz : 1.820 dBm T1 : 2403.804 MHz : 1.834 dBm T2 : 2440.036 MHz : 3.487 dBm OBW : 36.393 MHz	Measured 6 dB Bandwidth: 36.713 MHz Limit: 0.5 MHz Margin: -36.21 MHz

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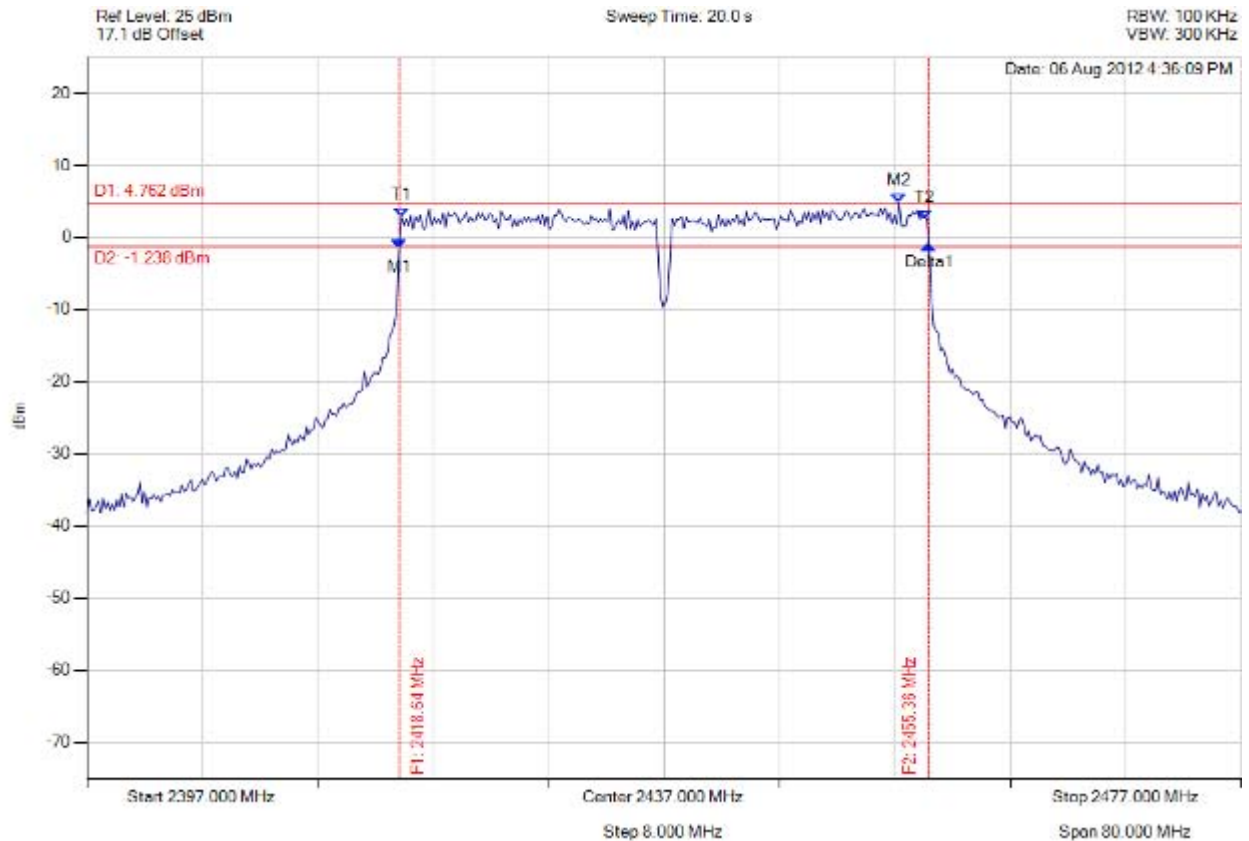


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**6 dB 99%**

Variant: 802.11n HT-40, Channel: 2437.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2418.643 MHz : -1.587 dBm M2 : 2453.273 MHz : 4.762 dBm Delta1 : 36.713 MHz : 0.641 dBm T1 : 2418.804 MHz : 2.763 dBm T2 : 2455.036 MHz : 2.429 dBm OBW : 36.393 MHz	Measured 6 dB Bandwidth: 36.713 MHz Limit: 0.5 MHz Margin: -36.21 MHz

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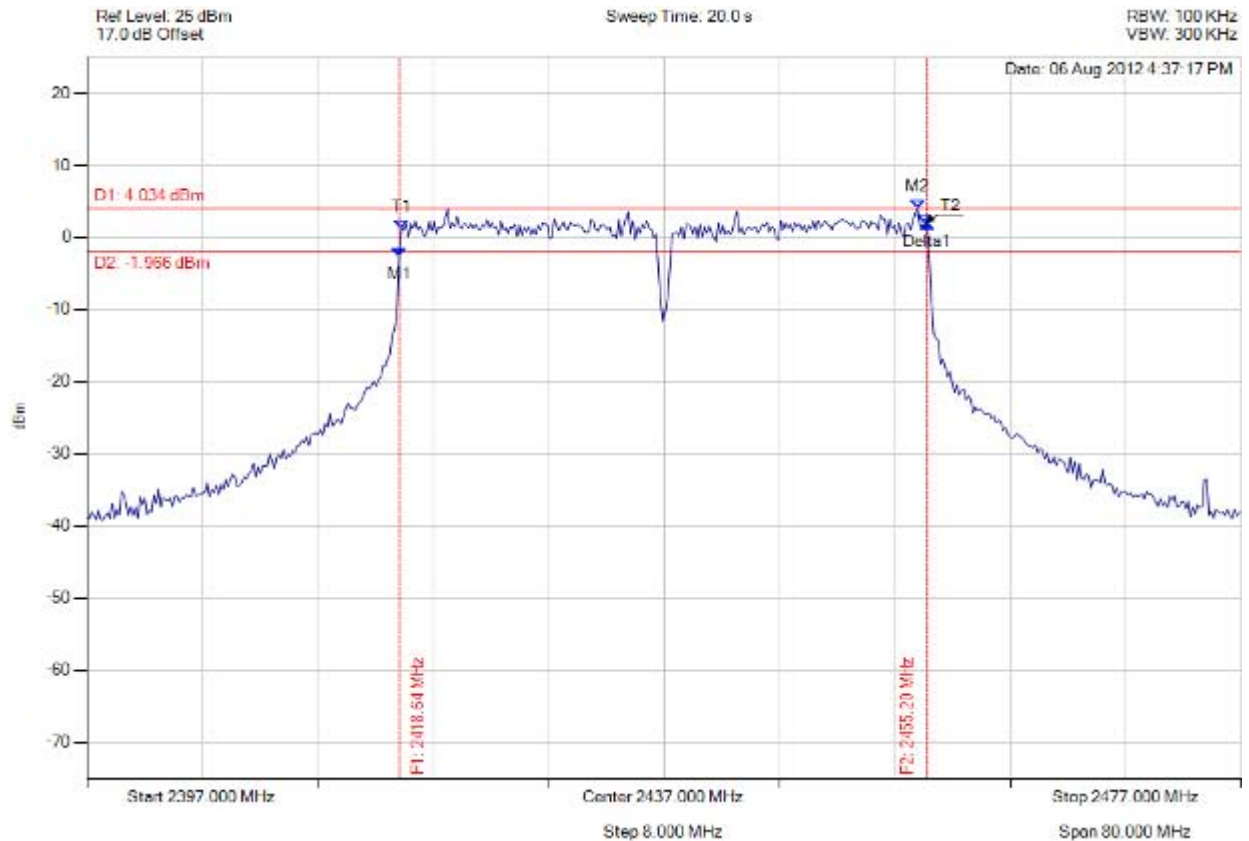


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**6 dB 99%**

Variant: 802.11n HT-40, Channel: 2437.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2418.643 MHz : -2.616 dBm M2 : 2454.555 MHz : 4.034 dBm Delta1 : 36.553 MHz : 4.547 dBm T1 : 2418.804 MHz : 1.150 dBm T2 : 2455.036 MHz : 1.931 dBm OBW : 36.393 MHz	Measured 6 dB Bandwidth: 36.553 MHz Limit: 0.5 MHz Margin: -36.05 MHz

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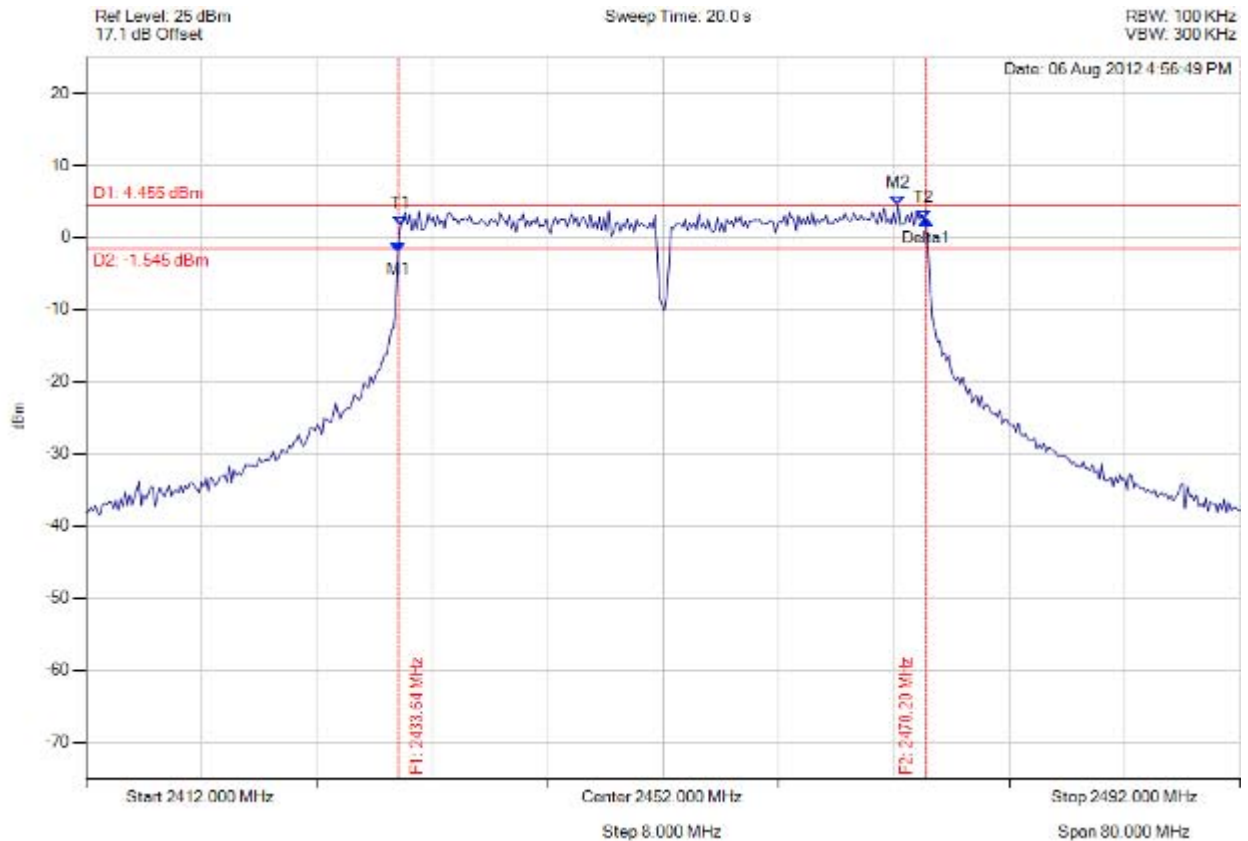


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**6 dB 99%**

Variant: 802.11n HT-40, Channel: 2452.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2433.643 MHz : -1.957 dBm M2 : 2468.273 MHz : 4.455 dBm Delta1 : 36.553 MHz : 4.395 dBm T1 : 2433.804 MHz : 1.687 dBm T2 : 2470.036 MHz : 2.438 dBm OBW : 36.393 MHz	Measured 6 dB Bandwidth: 36.553 MHz Limit: 0.5 MHz Margin: -36.05 MHz

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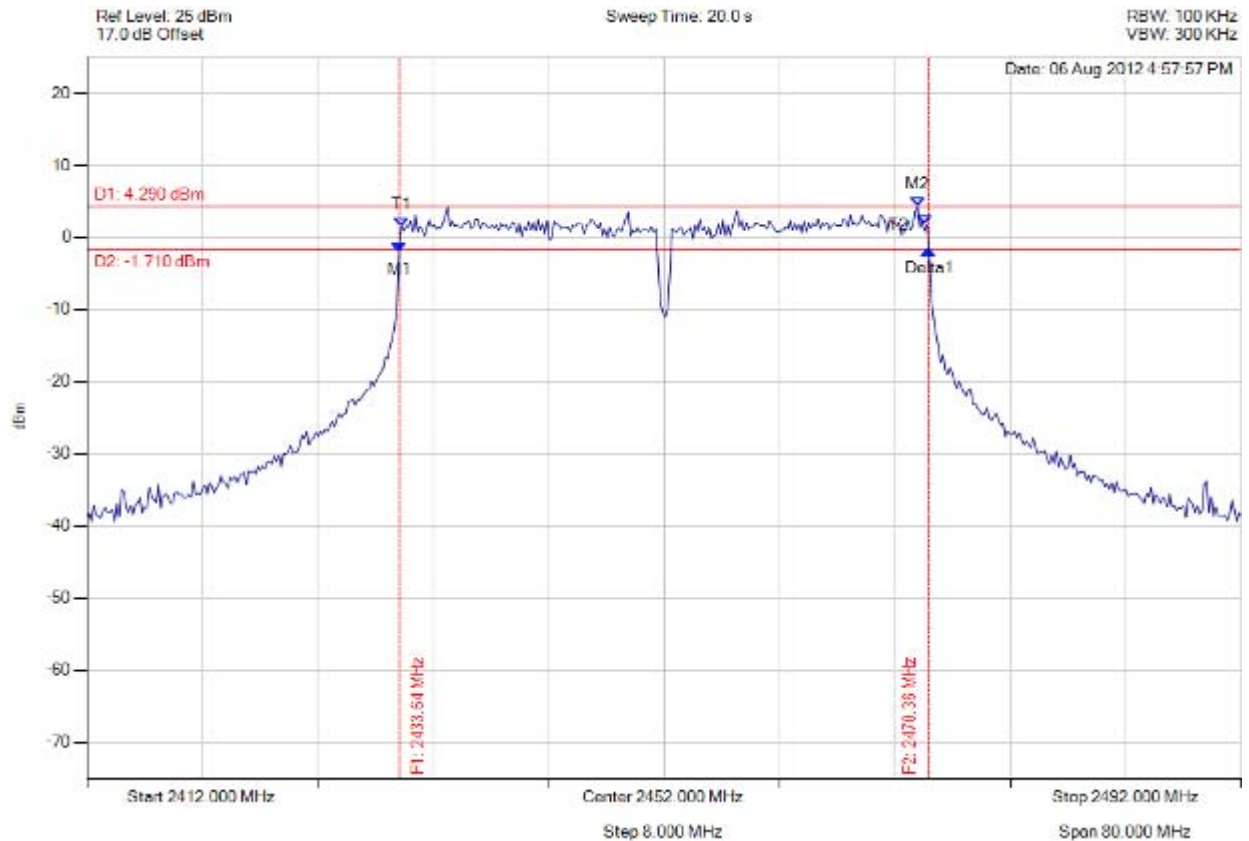


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**6 dB 99%**

Variant: 802.11n HT-40, Channel: 2452.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2433.643 MHz : -1.996 dBm M2 : 2469.555 MHz : 4.290 dBm Delta1 : 36.713 MHz : 0.299 dBm T1 : 2433.804 MHz : 1.498 dBm T2 : 2470.036 MHz : 1.754 dBm OBW : 36.393 MHz	Measured 6 dB Bandwidth: 36.713 MHz Limit: 0.5 MHz Margin: -36.21 MHz

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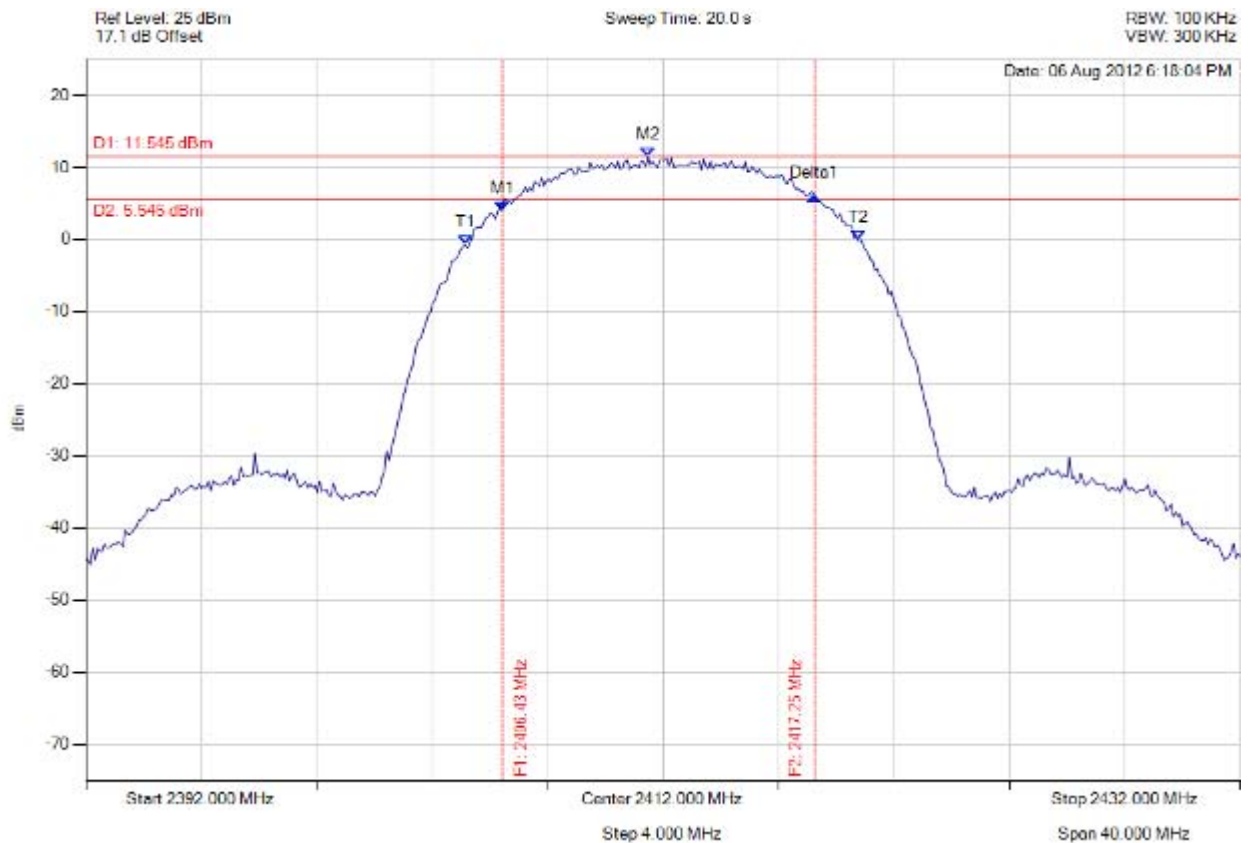


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6 dB 99%

Variant: 802.11b, Channel: 2412.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2406.429 MHz : 4.010 dBm M2 : 2411.479 MHz : 11.545 dBm Delta1 : 10.822 MHz : 2.048 dBm T1 : 2405.146 MHz : -0.763 dBm T2 : 2418.774 MHz : -0.072 dBm OBW : 13.707 MHz	Measured 6 dB Bandwidth: 10.822 MHz Limit: 0.5 MHz Margin: -10.32 MHz

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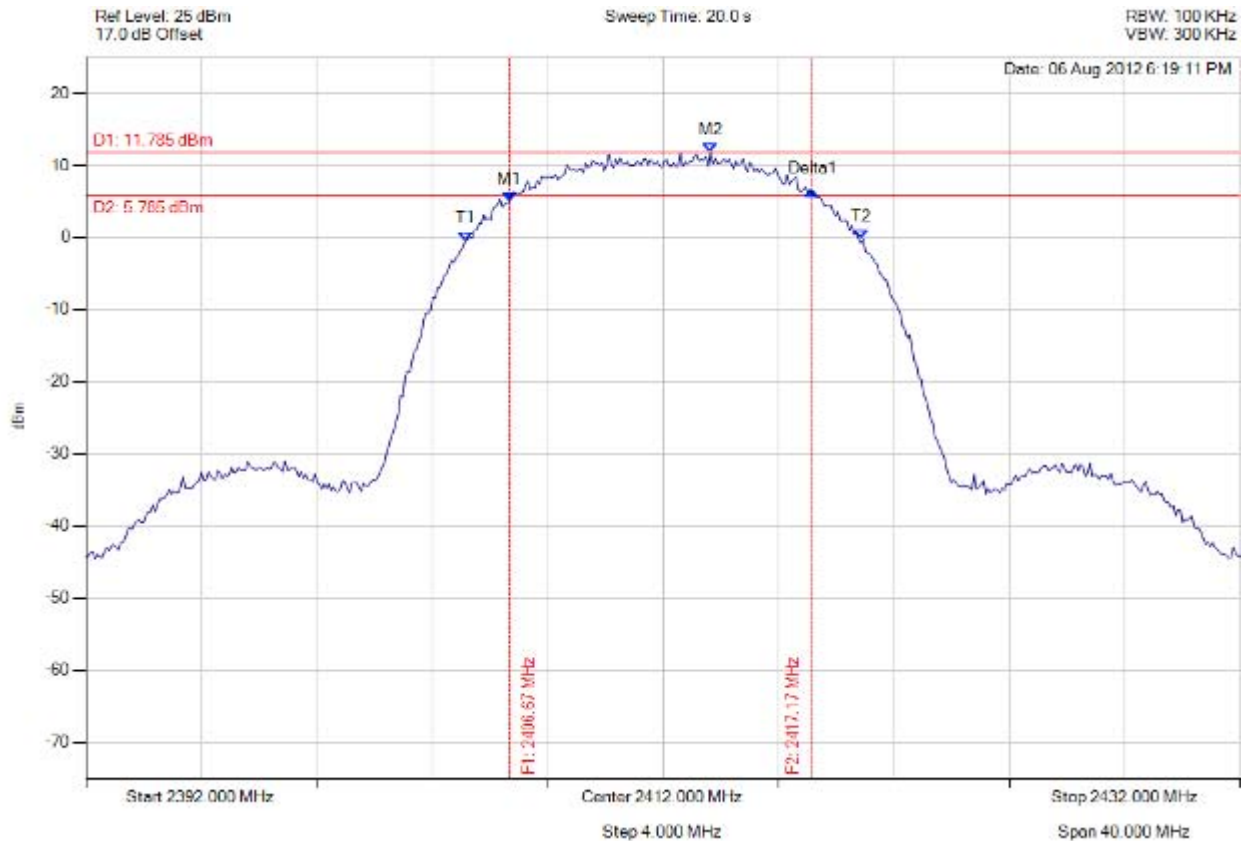


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**6 dB 99%**

Variant: 802.11b, Channel: 2412.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2406.669 MHz : 4.931 dBm M2 : 2413.643 MHz : 11.785 dBm Delta1 : 10.501 MHz : 1.558 dBm T1 : 2405.146 MHz : -0.446 dBm T2 : 2418.854 MHz : -0.202 dBm OBW : 13.788 MHz	Measured 6 dB Bandwidth: 10.501 MHz Limit: 0.5 MHz Margin: -10.00 MHz

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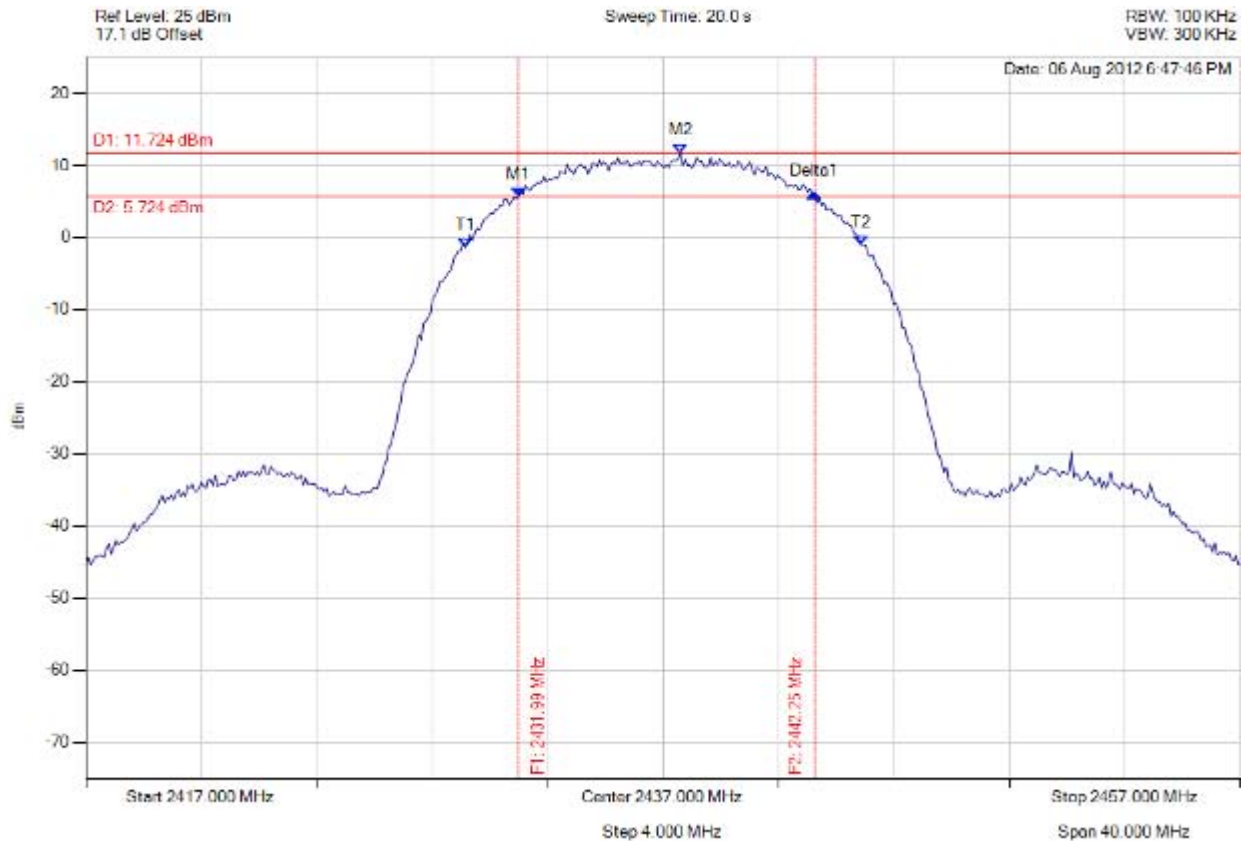


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**6 dB 99%**

Variant: 802.11b, Channel: 2437.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2431.990 MHz : 5.643 dBm M2 : 2437.601 MHz : 11.724 dBm Delta1 : 10.261 MHz : 0.478 dBm T1 : 2430.146 MHz : -1.382 dBm T2 : 2443.854 MHz : -1.040 dBm OBW : 13.788 MHz	Measured 6 dB Bandwidth: 10.261 MHz Limit: 0.5 MHz Margin: -9.76 MHz

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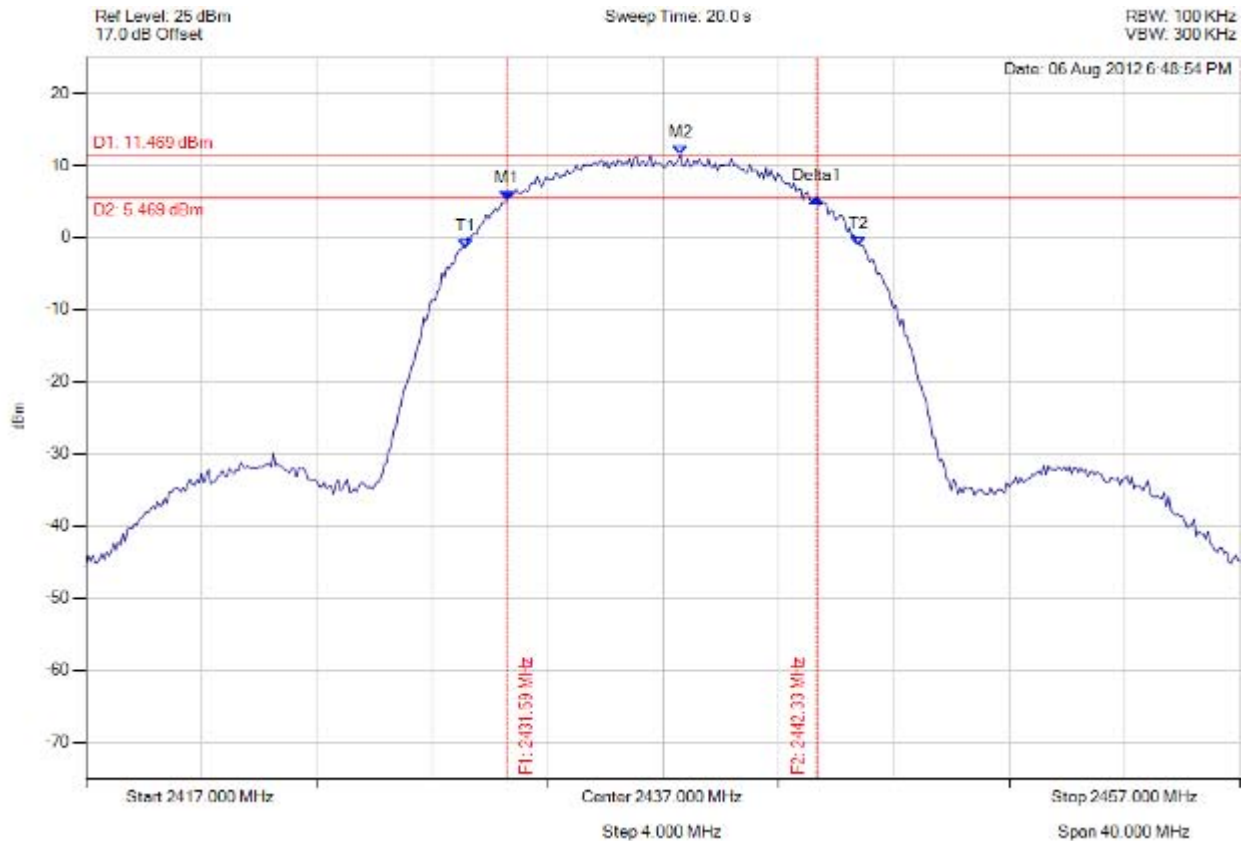


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**6 dB 99%**

Variant: 802.11b, Channel: 2437.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2431.589 MHz : 5.079 dBm M2 : 2437.601 MHz : 11.469 dBm Delta1 : 10.741 MHz : 0.460 dBm T1 : 2430.146 MHz : -1.522 dBm T2 : 2443.774 MHz : -1.174 dBm OBW : 13.707 MHz	Measured 6 dB Bandwidth: 10.741 MHz Limit: 0.5 MHz Margin: -10.24 MHz

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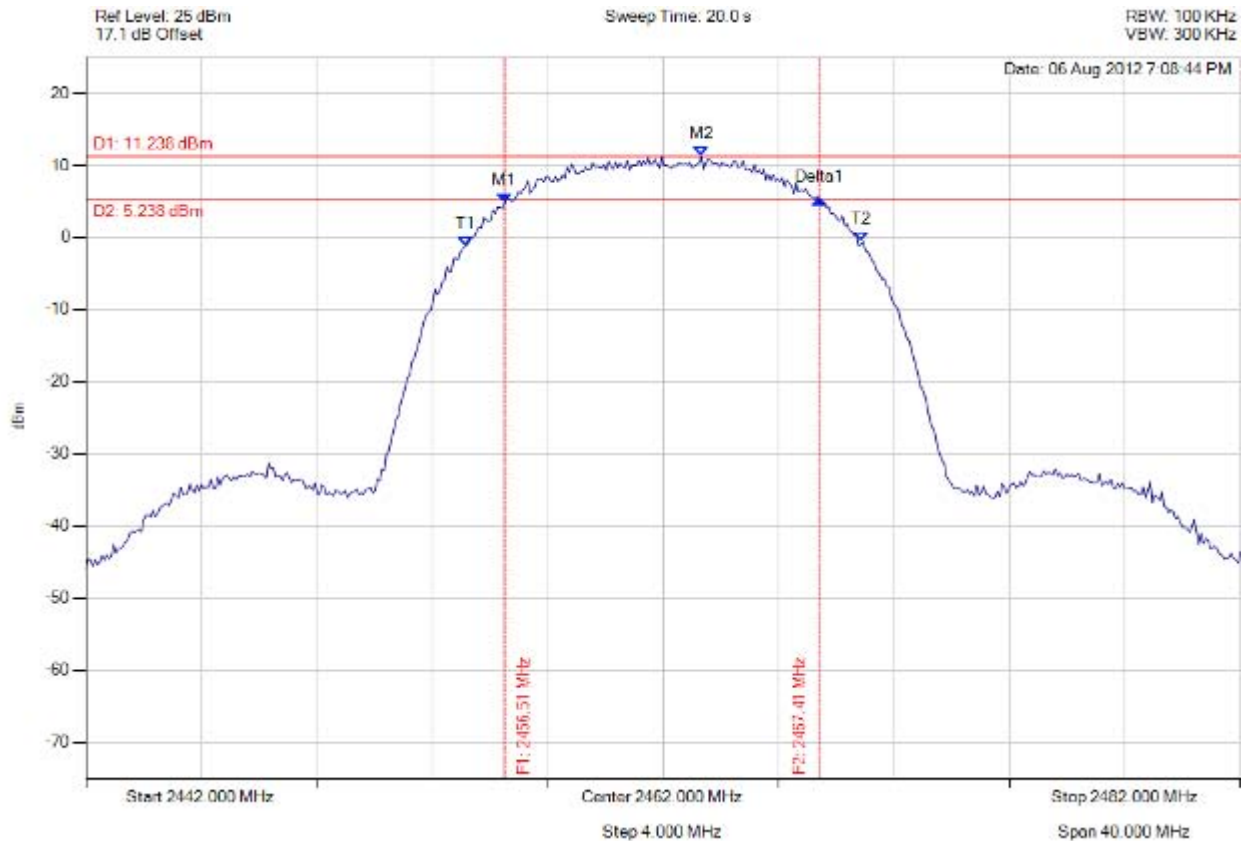


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**6 dB 99%**

Variant: 802.11b, Channel: 2462.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2456.509 MHz : 4.732 dBm M2 : 2463.323 MHz : 11.238 dBm Delta1 : 10.902 MHz : 0.508 dBm T1 : 2455.146 MHz : -1.176 dBm T2 : 2468.854 MHz : -0.542 dBm OBW : 13.788 MHz	Measured 6 dB Bandwidth: 10.902 MHz Limit: 0.5 MHz Margin: -10.40 MHz

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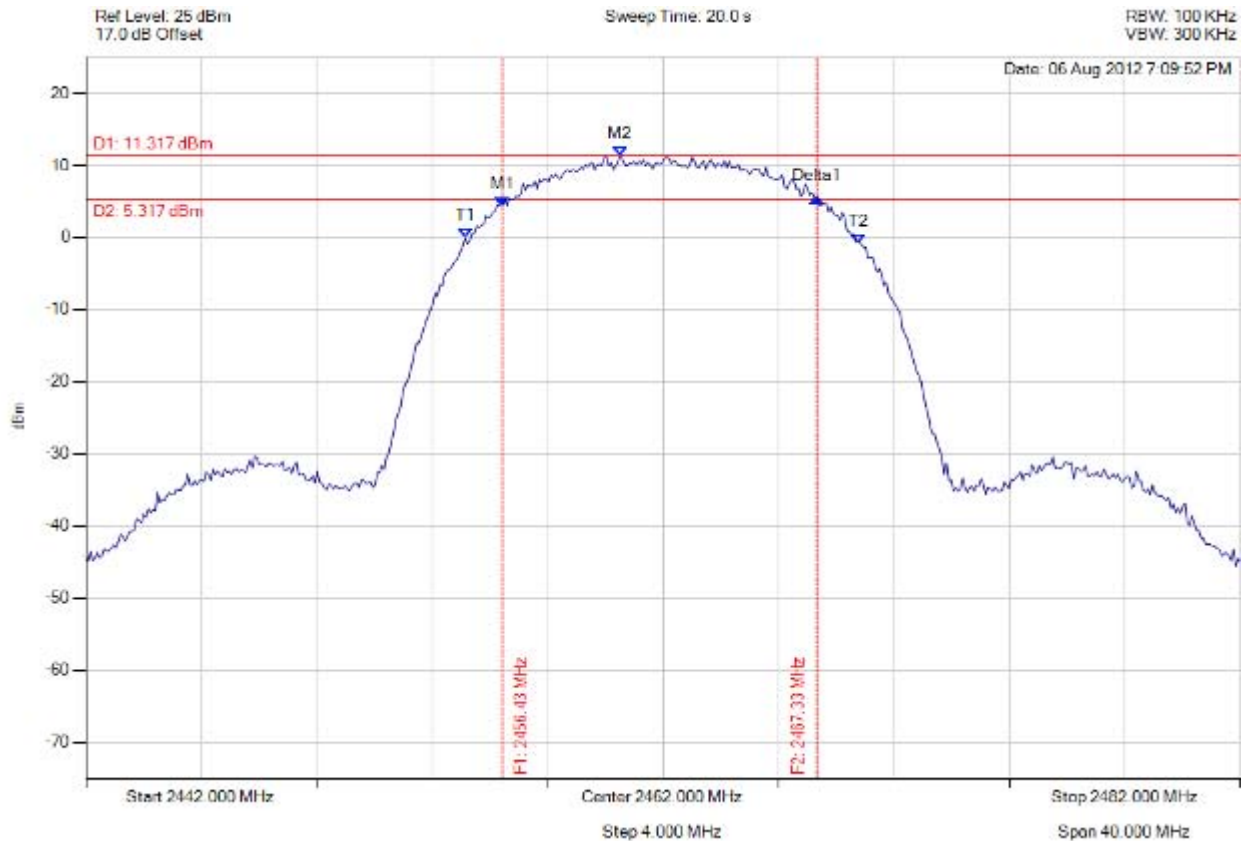


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**6 dB 99%**

Variant: 802.11b, Channel: 2462.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2456.429 MHz : 4.315 dBm M2 : 2460.517 MHz : 11.317 dBm Delta1 : 10.902 MHz : 1.186 dBm T1 : 2455.146 MHz : -0.070 dBm T2 : 2468.774 MHz : -0.892 dBm OBW : 13.707 MHz	Measured 6 dB Bandwidth: 10.902 MHz Limit: 0.5 MHz Margin: -10.40 MHz

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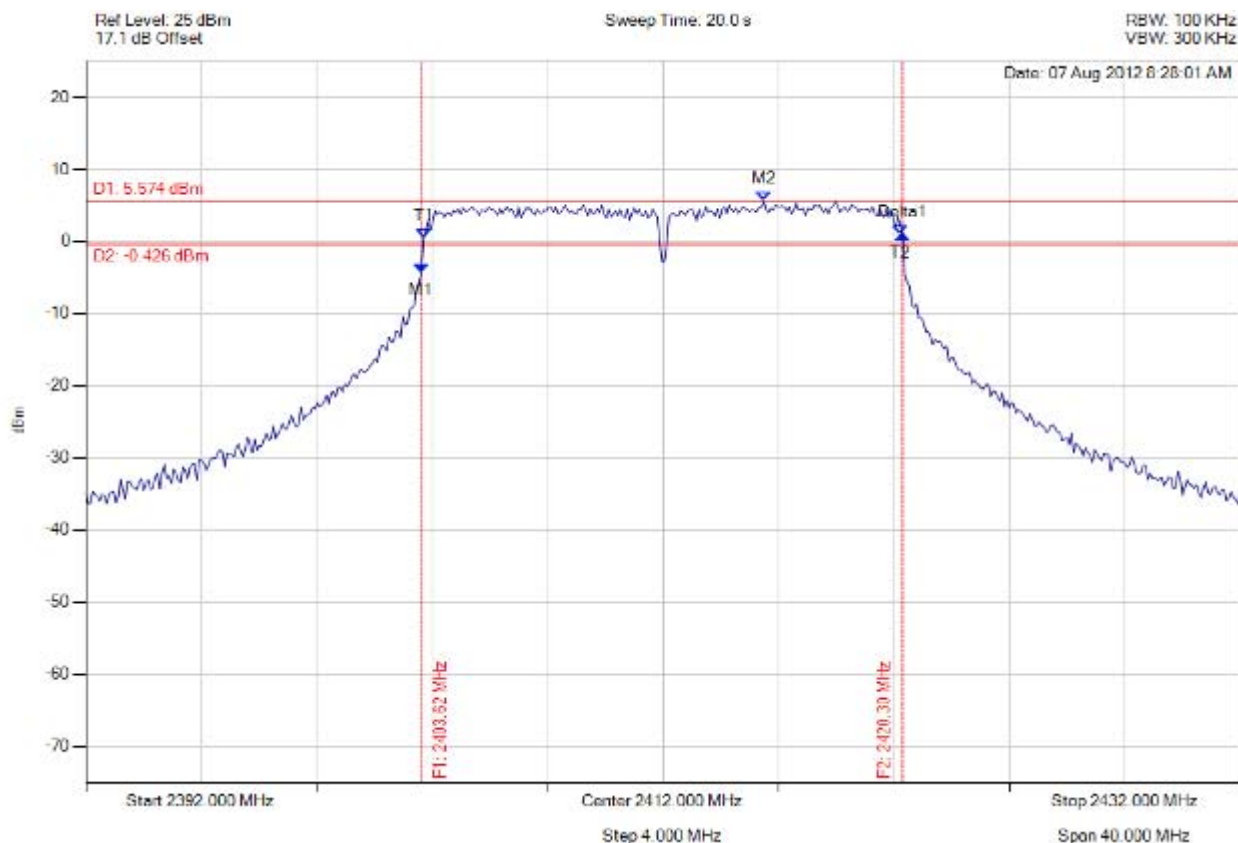


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6 dB 99%

Variant: 802.11g, Channel: 2412.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.623 MHz : -4.296 dBm M2 : 2415.487 MHz : 5.574 dBm Delta1 : 16.673 MHz : 5.196 dBm T1 : 2403.703 MHz : 0.459 dBm T2 : 2420.216 MHz : 0.900 dBm OBW : 16.593 MHz	Measured 6 dB Bandwidth: 16.673 MHz Limit: 0.5 MHz Margin: -16.17 MHz

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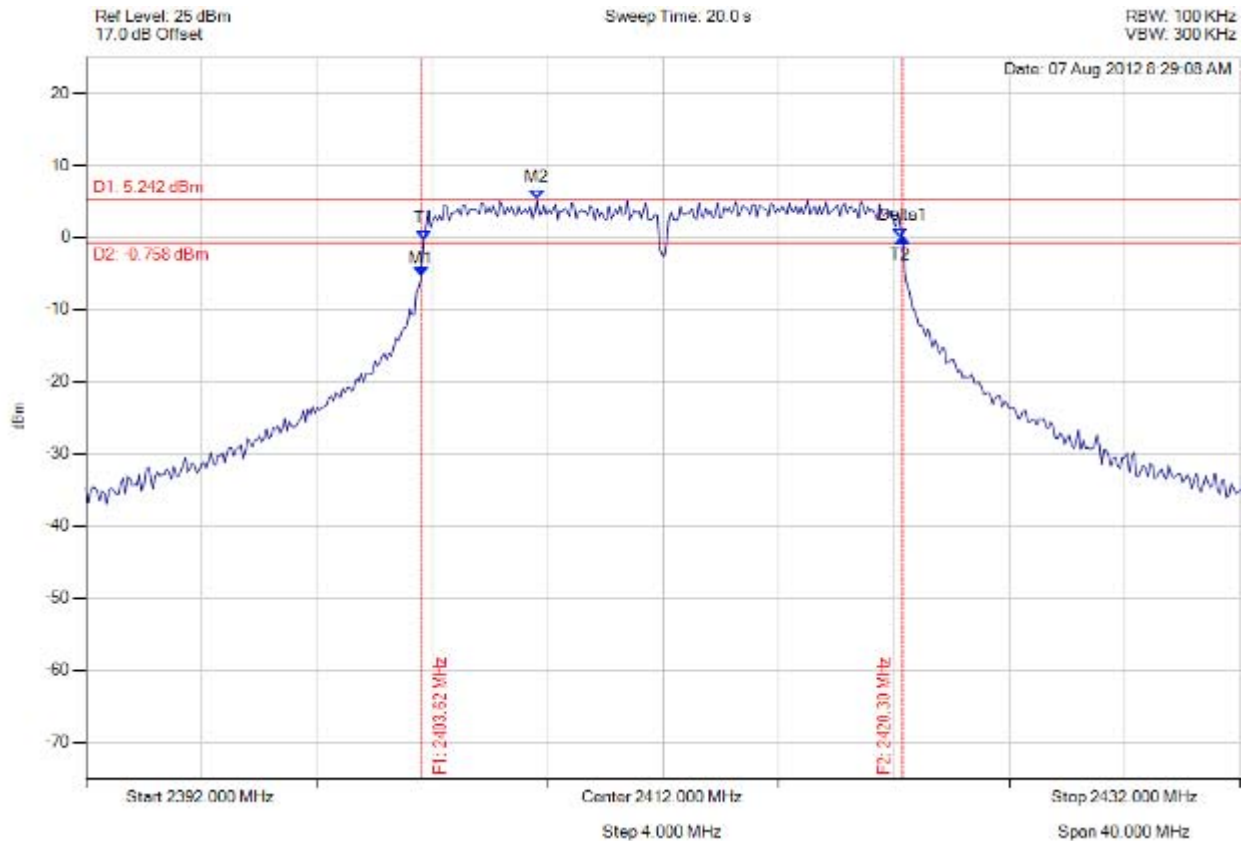


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6 dB 99%

Variant: 802.11g, Channel: 2412.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.623 MHz : -5.388 dBm M2 : 2407.631 MHz : 5.242 dBm Delta1 : 16.673 MHz : 5.428 dBm T1 : 2403.703 MHz : -0.347 dBm T2 : 2420.216 MHz : 0.040 dBm OBW : 16.593 MHz	Measured 6 dB Bandwidth: 16.673 MHz Limit: 0.5 MHz Margin: -16.17 MHz

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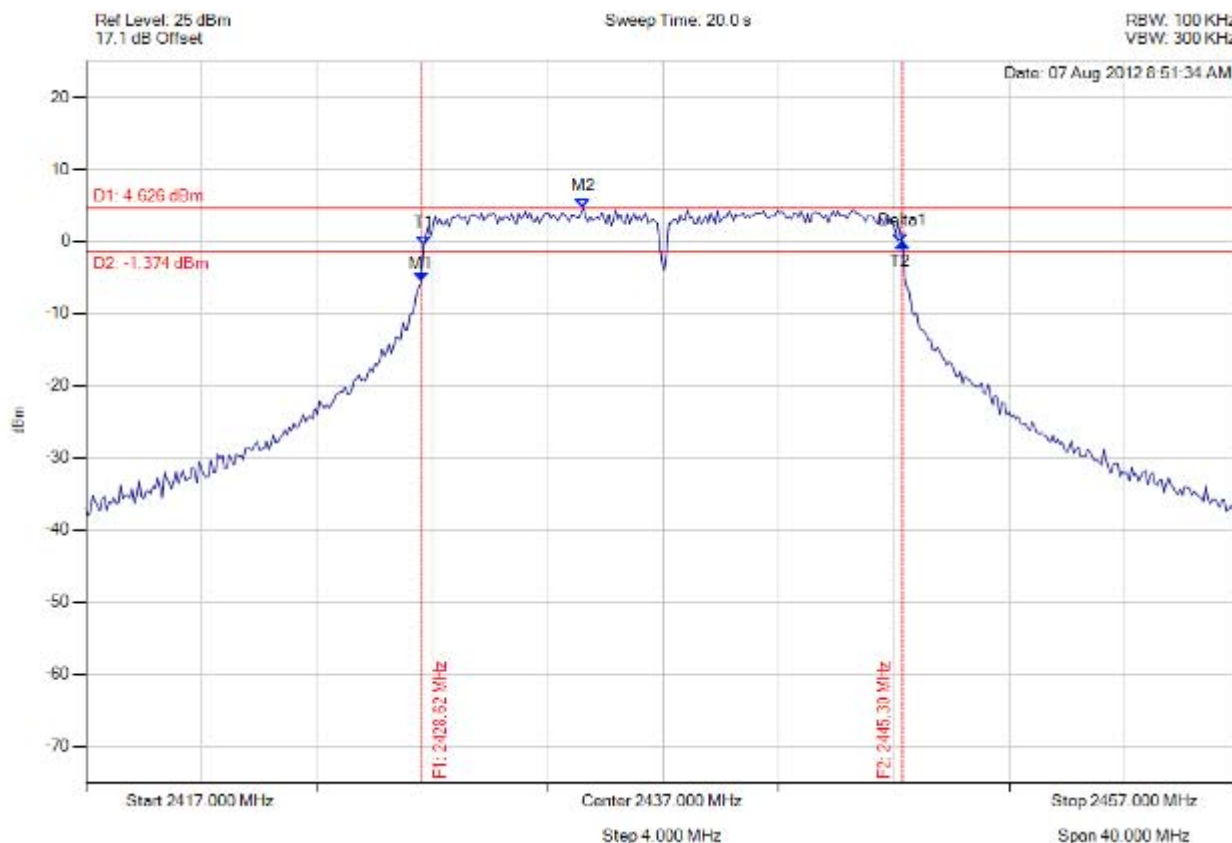


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6 dB 99%

Variant: 802.11g, Channel: 2437.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2428.623 MHz : -5.577 dBm M2 : 2434.234 MHz : 4.626 dBm Delta1 : 16.673 MHz : 5.306 dBm T1 : 2428.703 MHz : -0.546 dBm T2 : 2445.216 MHz : -0.271 dBm OBW : 16.593 MHz	Measured 6 dB Bandwidth: 16.673 MHz Limit: 0.5 MHz Margin: -16.17 MHz

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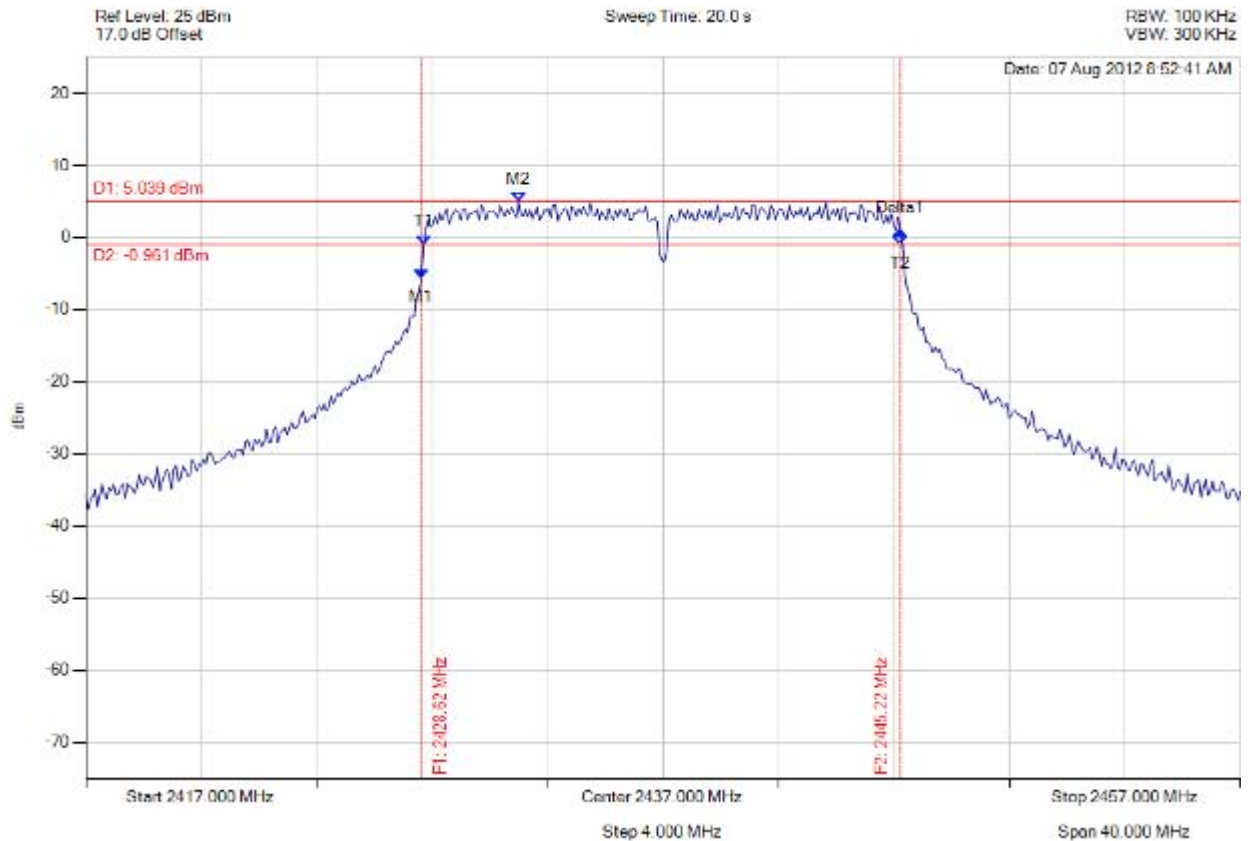


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
**Serial #:** RDWN14-U1 Rev A  
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6 dB 99%

Variant: 802.11g, Channel: 2437.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2428.623 MHz : -5.697 dBm M2 : 2431.990 MHz : 5.039 dBm Delta1 : 16.593 MHz : 6.597 dBm T1 : 2428.703 MHz : -0.953 dBm T2 : 2445.216 MHz : -1.014 dBm OBW : 16.593 MHz	Measured 6 dB Bandwidth: 16.593 MHz Limit: 0.5 MHz Margin: -16.09 MHz

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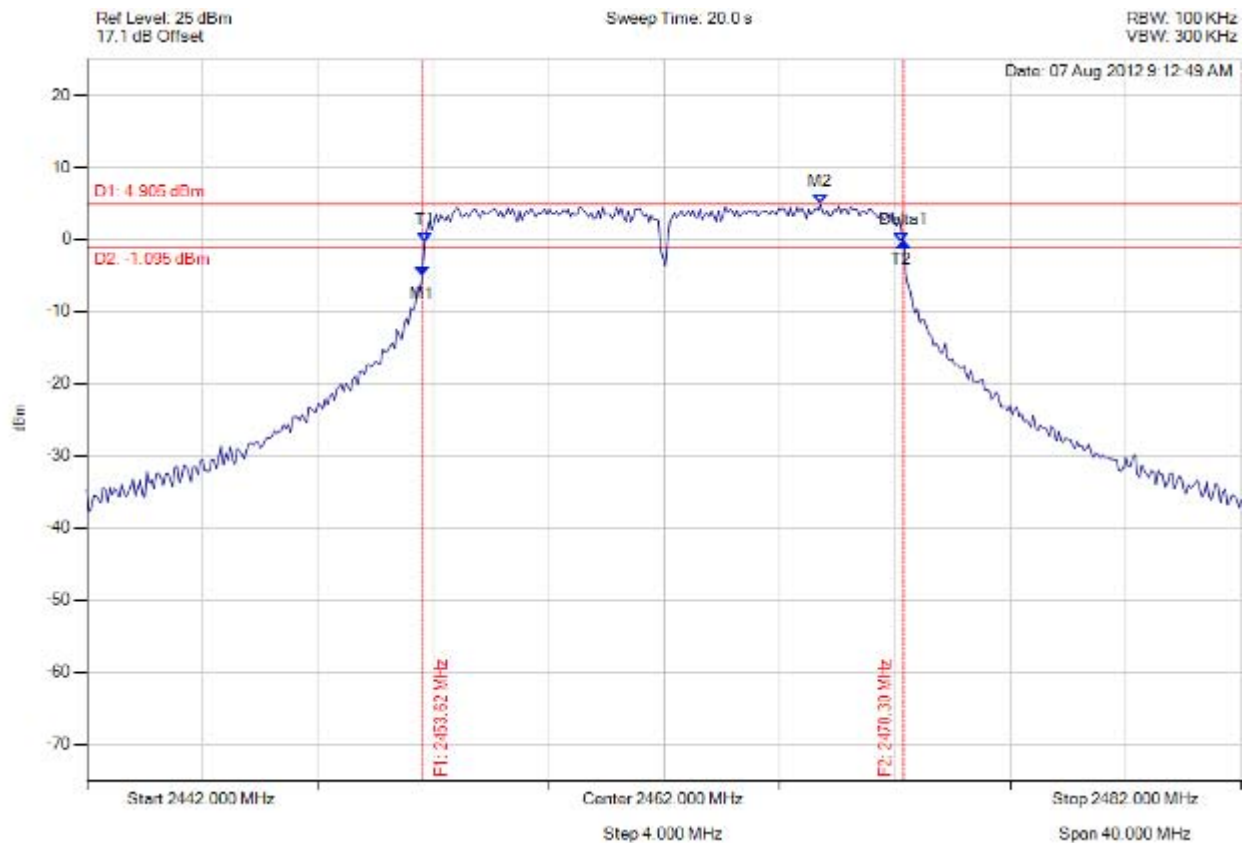


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
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6 dB 99%

Variant: 802.11g, Channel: 2462.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2453.623 MHz : -5.047 dBm M2 : 2467.411 MHz : 4.905 dBm Delta1 : 16.673 MHz : 4.724 dBm T1 : 2453.703 MHz : -0.328 dBm T2 : 2470.216 MHz : -0.322 dBm OBW : 16.593 MHz	Measured 6 dB Bandwidth: 16.673 MHz Limit: 0.5 MHz Margin: -16.17 MHz

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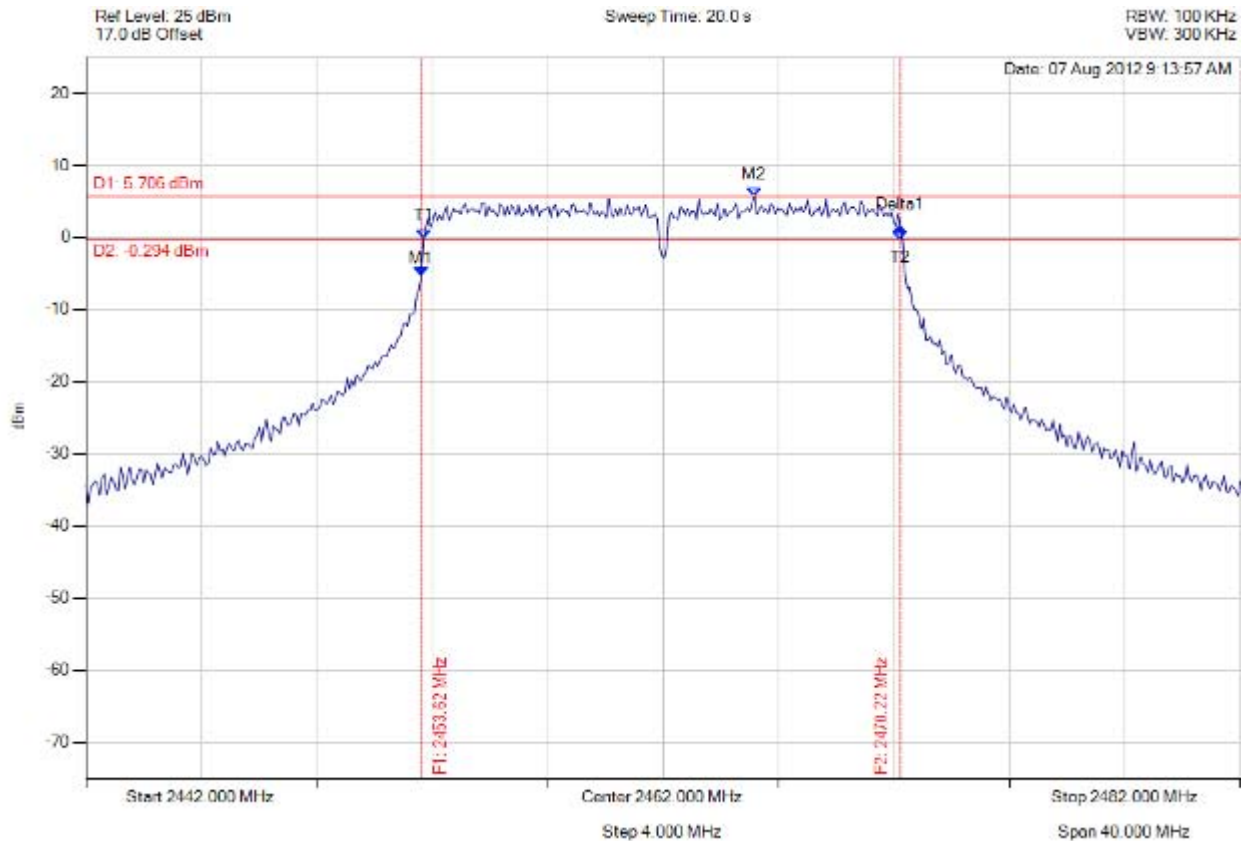


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
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**6 dB 99%**

Variant: 802.11g, Channel: 2462.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2453.623 MHz : -5.364 dBm M2 : 2465.166 MHz : 5.706 dBm Delta1 : 16.593 MHz : 6.801 dBm T1 : 2453.703 MHz : -0.113 dBm T2 : 2470.216 MHz : -0.298 dBm OBW : 16.593 MHz	Measured 6 dB Bandwidth: 16.593 MHz Limit: 0.5 MHz Margin: -16.09 MHz

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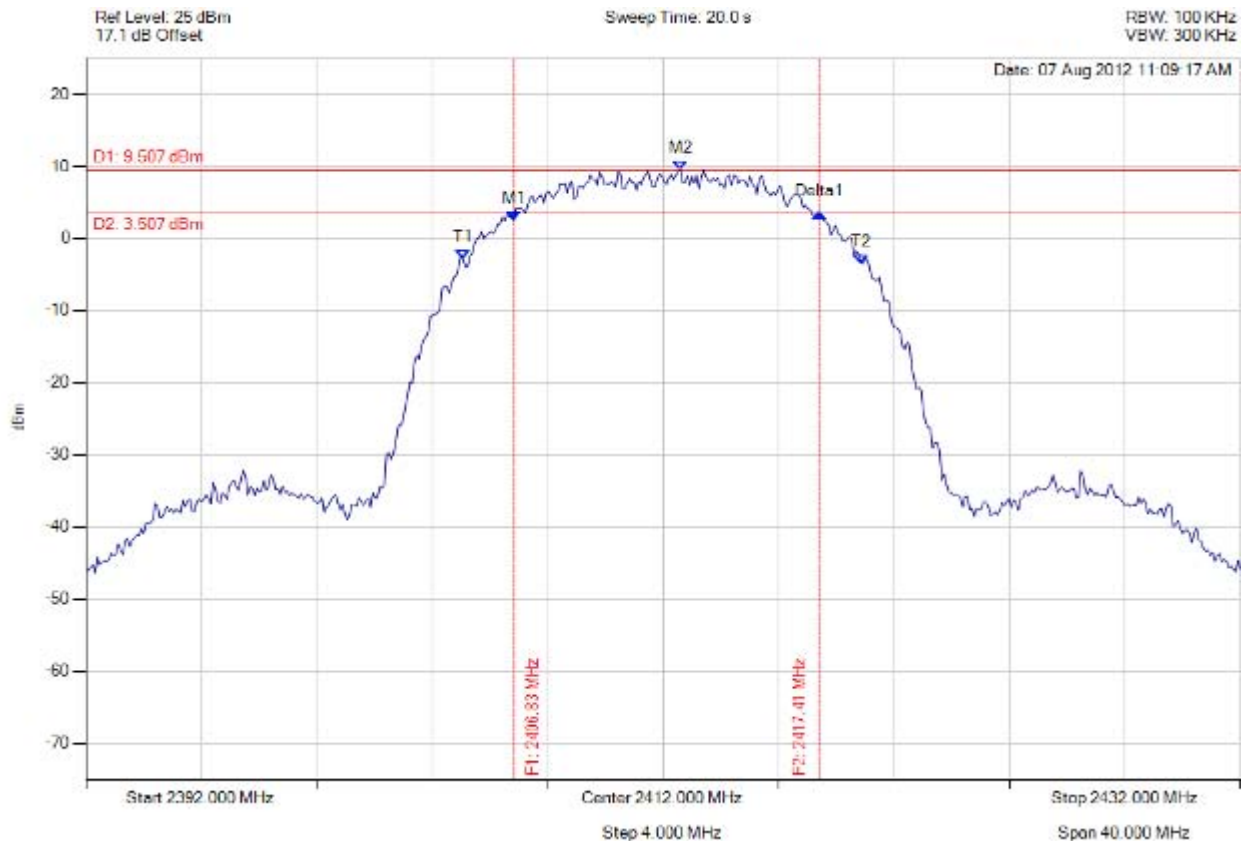
**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
**Serial #:** RDWN14-U1 Rev A  
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3x3 802.11b



6 dB 99%

Variant: 802.11b, Channel: 2412.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2406.830 MHz : 2.505 dBm M2 : 2412.601 MHz : 9.507 dBm Delta1 : 10.581 MHz : 1.003 dBm T1 : 2405.066 MHz : -2.820 dBm T2 : 2418.854 MHz : -3.499 dBm OBW : 13.868 MHz	Measured 6 dB Bandwidth: 10.581 MHz Limit: 0.5 MHz Margin: -10.08 MHz

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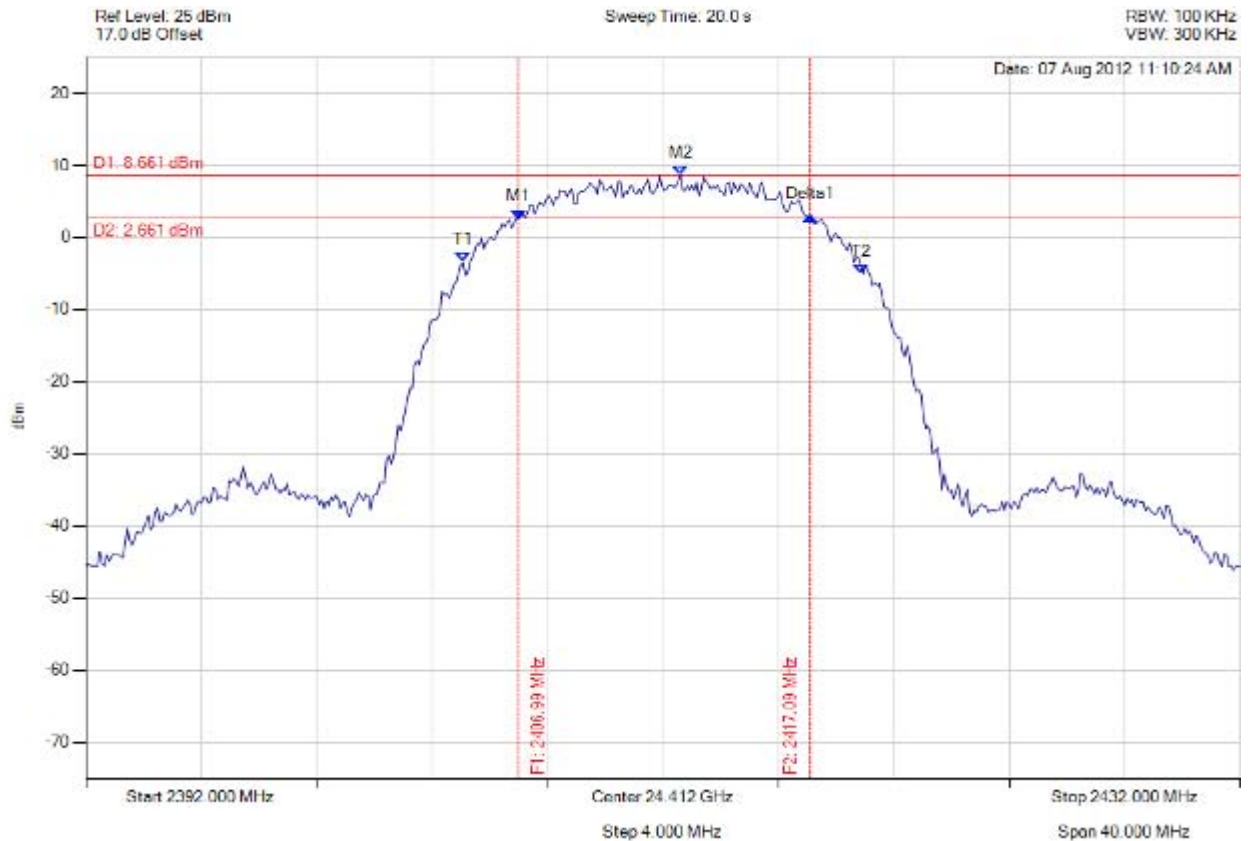


**Title:** AP0127450, AP0127460  
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**6 dB 99%**

Variant: 802.11b, Channel: 2412.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2406.990 MHz : 2.554 dBm M2 : 2412.601 MHz : 8.661 dBm Delta1 : 10.100 MHz : 0.350 dBm T1 : 2405.066 MHz : -3.426 dBm T2 : 2418.854 MHz : -5.059 dBm OBW : 13.868 MHz	Measured 6 dB Bandwidth: 10.100 MHz Limit: 0.5 MHz Margin: -9.60 MHz

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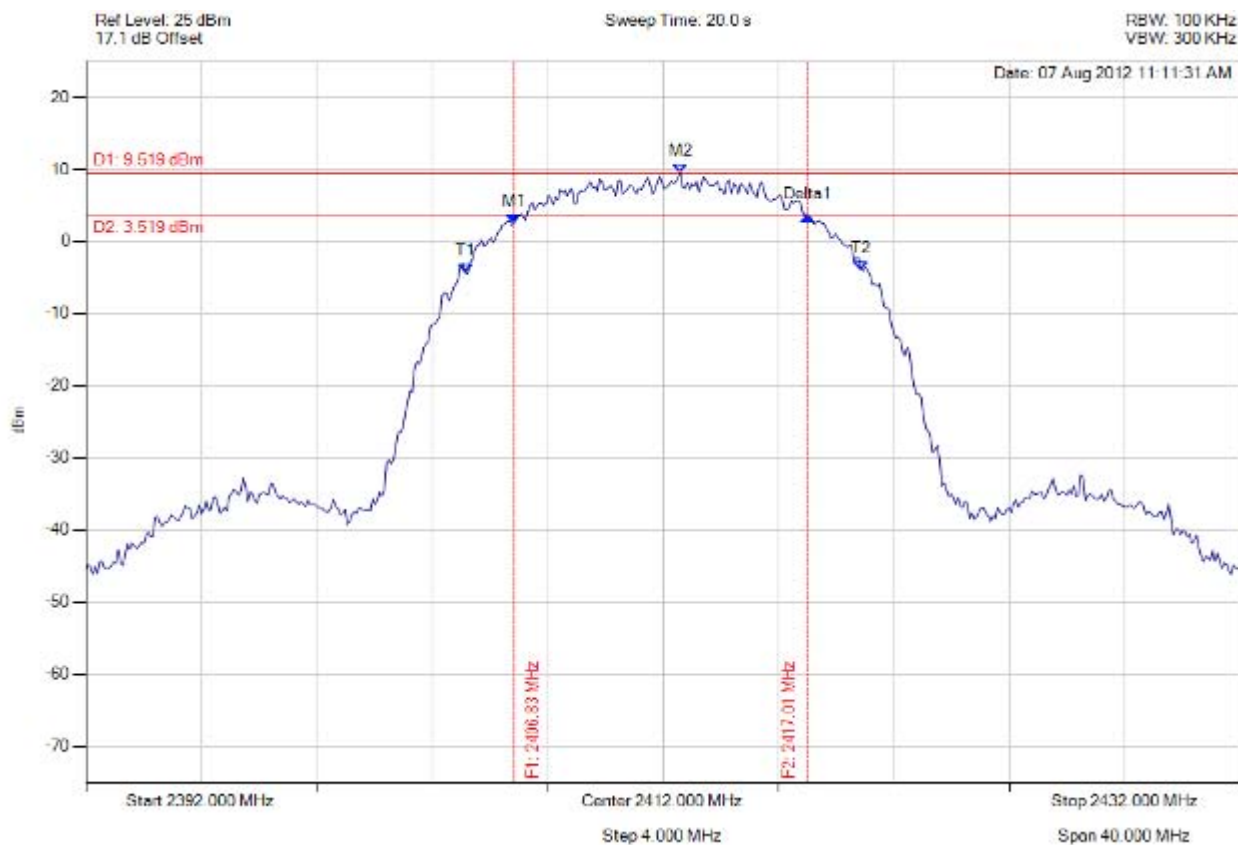


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
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6 dB 99%

Variant: 802.11b, Channel: 2412.00 MHz, Chain C, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2406.830 MHz : 2.460 dBm M2 : 2412.601 MHz : 9.519 dBm Delta1 : 10.180 MHz : 1.060 dBm T1 : 2405.146 MHz : -4.353 dBm T2 : 2418.854 MHz : -4.095 dBm OBW : 13.788 MHz	Measured 6 dB Bandwidth: 10.180 MHz Limit: 0.5 MHz Margin: -9.68 MHz

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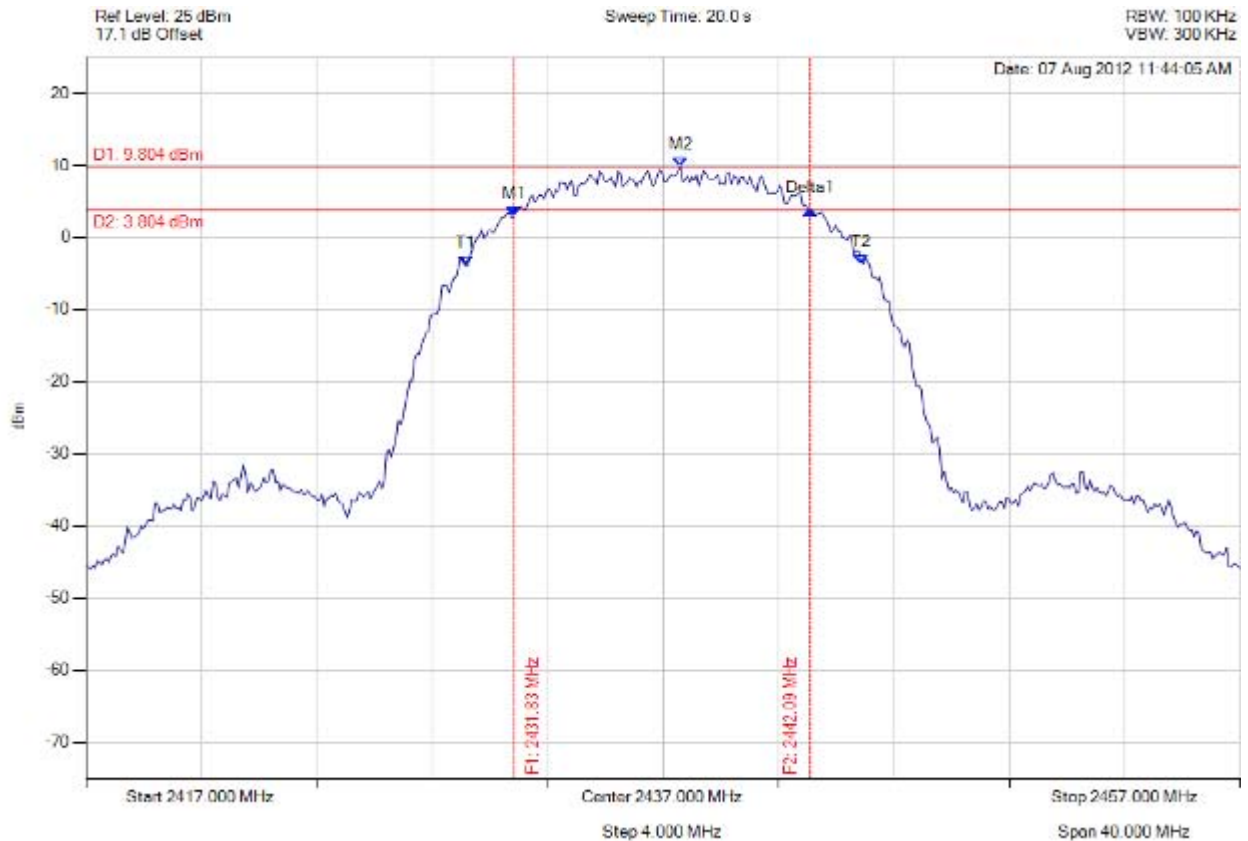


**Title:** AP0127450, AP0127460  
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**6 dB 99%**

Variant: 802.11b, Channel: 2437.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2431.830 MHz : 2.901 dBm M2 : 2437.601 MHz : 9.804 dBm Delta1 : 10.261 MHz : 0.927 dBm T1 : 2430.146 MHz : -3.879 dBm T2 : 2443.854 MHz : -3.716 dBm OBW : 13.788 MHz	Measured 6 dB Bandwidth: 10.261 MHz Limit: 0.5 MHz Margin: -9.76 MHz

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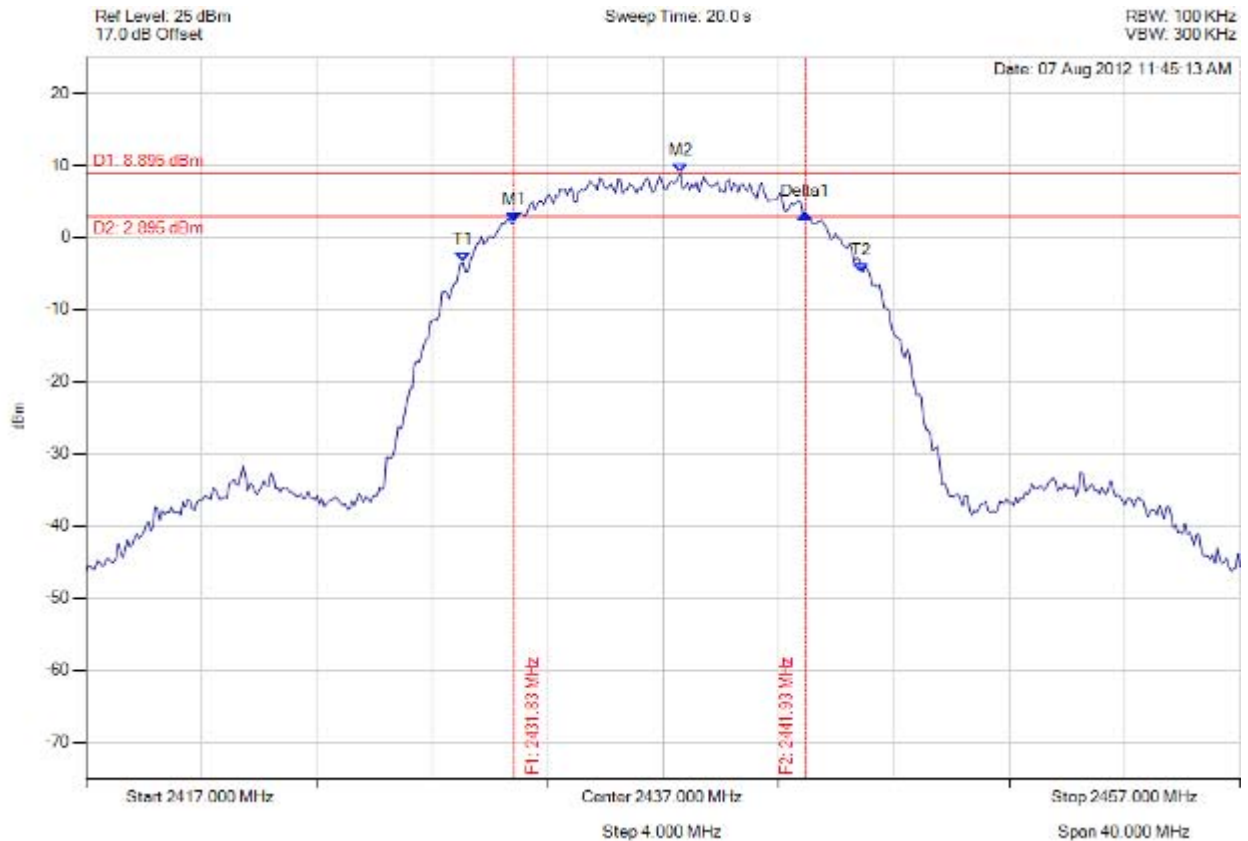


**Title:** AP0127450, AP0127460  
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**6 dB 99%**

Variant: 802.11b, Channel: 2437.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2431.830 MHz : 2.059 dBm M2 : 2437.601 MHz : 8.895 dBm Delta1 : 10.100 MHz : 1.314 dBm T1 : 2430.066 MHz : -3.424 dBm T2 : 2443.854 MHz : -4.805 dBm OBW : 13.868 MHz	Measured 6 dB Bandwidth: 10.100 MHz Limit: 0.5 MHz Margin: -9.60 MHz

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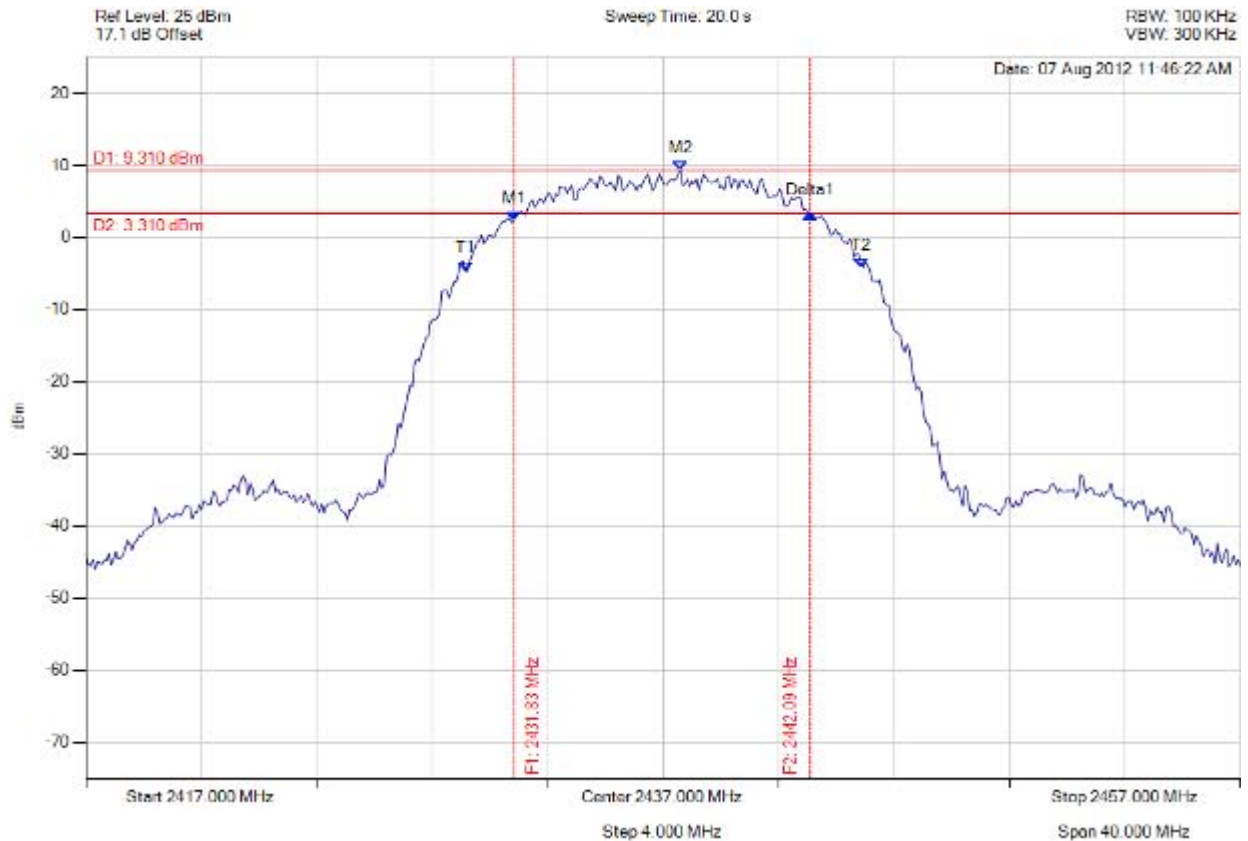


**Title:** AP0127450, AP0127460  
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**6 dB 99%**

Variant: 802.11b, Channel: 2437.00 MHz, Chain C, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2431.830 MHz : 2.267 dBm M2 : 2437.601 MHz : 9.310 dBm Delta1 : 10.261 MHz : 1.121 dBm T1 : 2430.146 MHz : -4.624 dBm T2 : 2443.854 MHz : -4.168 dBm OBW : 13.788 MHz	Measured 6 dB Bandwidth: 10.261 MHz Limit: 0.5 MHz Margin: -9.76 MHz

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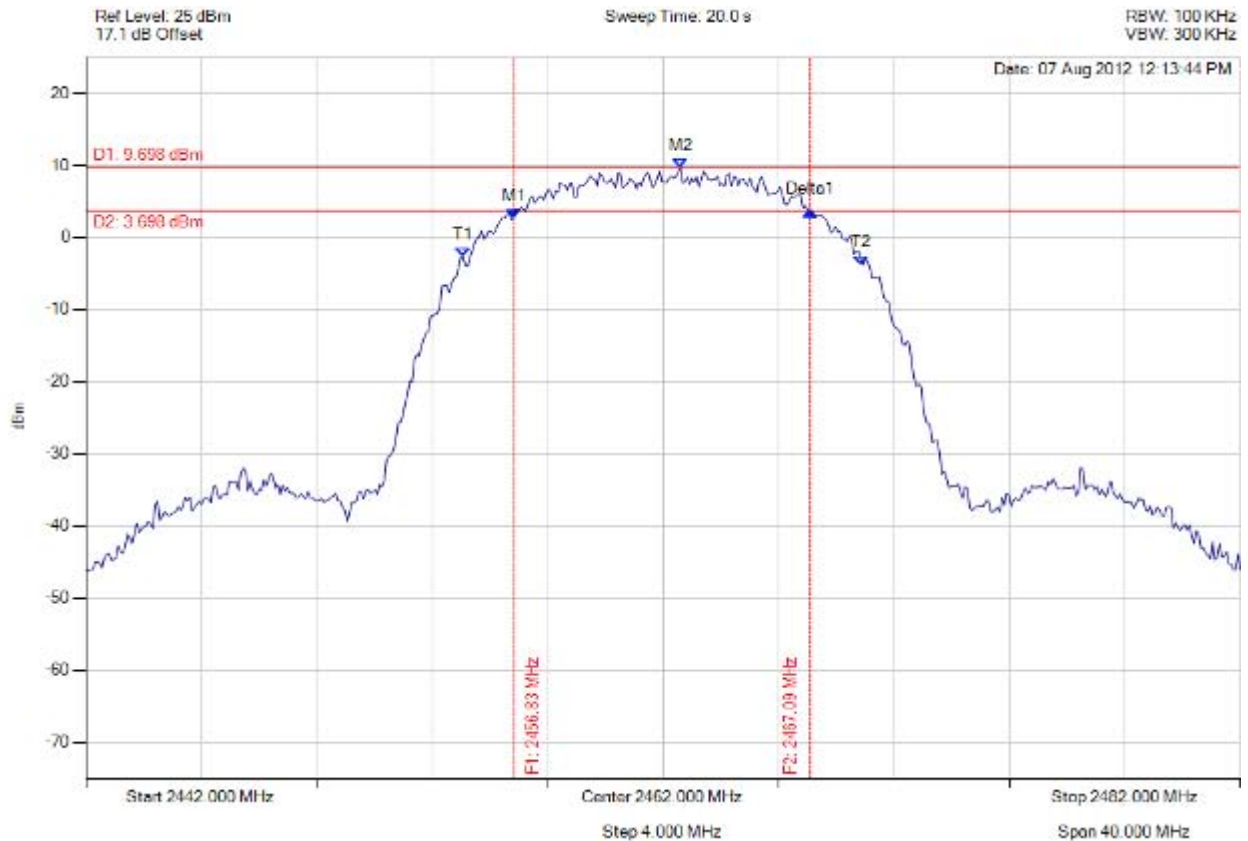


**Title:** AP0127450, AP0127460  
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**6 dB 99%**

Variant: 802.11b, Channel: 2462.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2456.830 MHz : 2.655 dBm M2 : 2462.601 MHz : 9.698 dBm Delta1 : 10.261 MHz : 1.051 dBm T1 : 2455.066 MHz : -2.702 dBm T2 : 2468.854 MHz : -3.794 dBm OBW : 13.868 MHz	Measured 6 dB Bandwidth: 10.261 MHz Limit: 0.5 MHz Margin: -9.76 MHz

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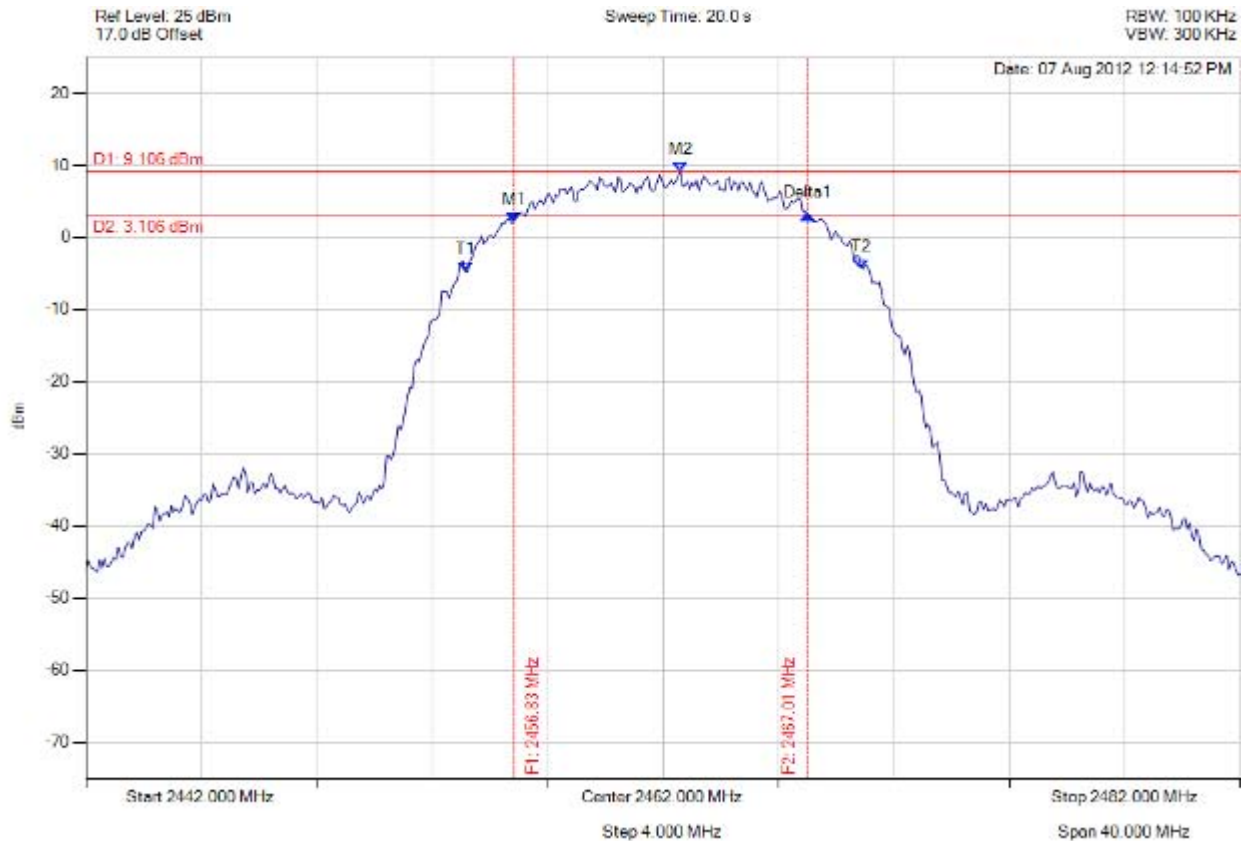


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
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**6 dB 99%**

Variant: 802.11b, Channel: 2462.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2456.830 MHz : 2.163 dBm M2 : 2462.601 MHz : 9.106 dBm Delta1 : 10.180 MHz : 0.952 dBm T1 : 2455.146 MHz : -4.760 dBm T2 : 2468.854 MHz : -4.377 dBm OBW : 13.788 MHz	Measured 6 dB Bandwidth: 10.180 MHz Limit: 0.5 MHz Margin: -9.68 MHz

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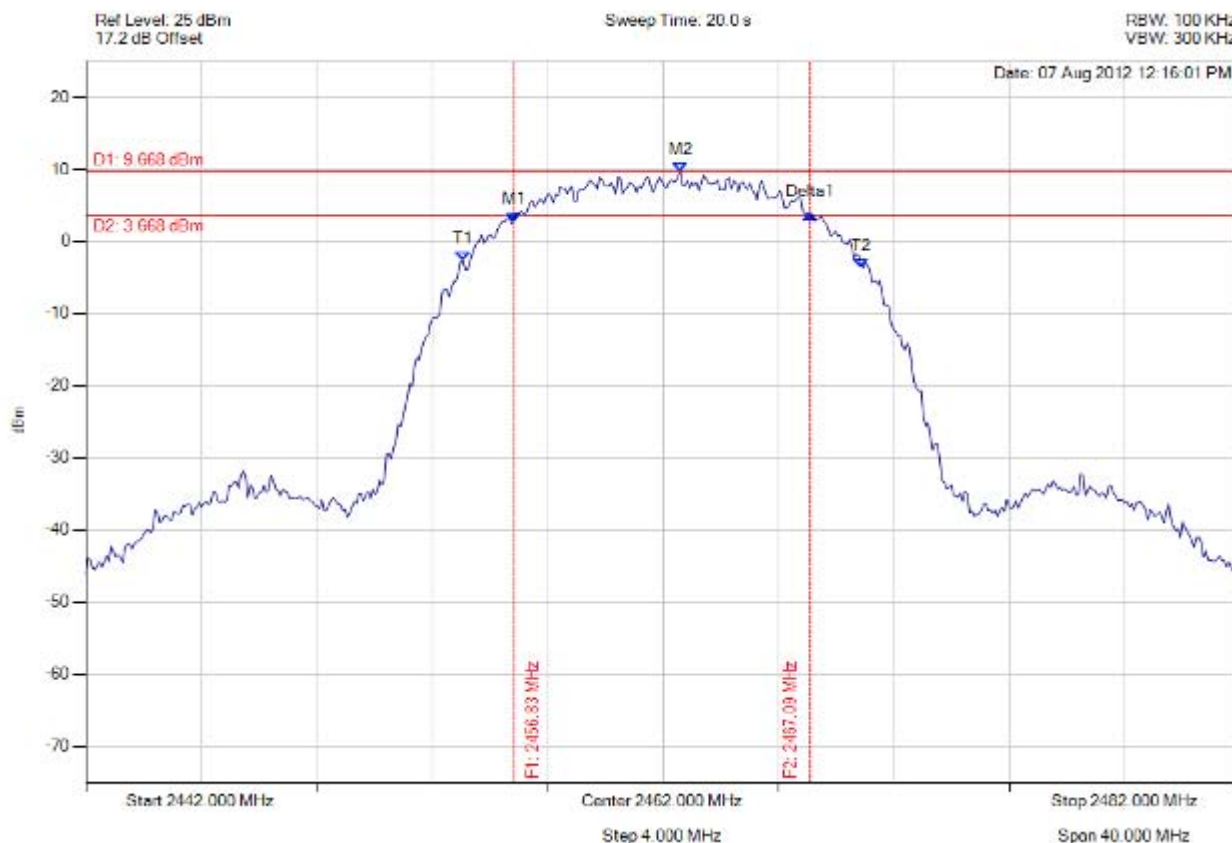


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
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6 dB 99%

Variant: 802.11b, Channel: 2462.00 MHz, Chain C, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2456.830 MHz : 2.722 dBm M2 : 2462.601 MHz : 9.668 dBm Delta1 : 10.261 MHz : 1.025 dBm T1 : 2455.066 MHz : -2.679 dBm T2 : 2468.854 MHz : -3.684 dBm OBW : 13.868 MHz	Measured 6 dB Bandwidth: 10.261 MHz Limit: 0.5 MHz Margin: -9.76 MHz

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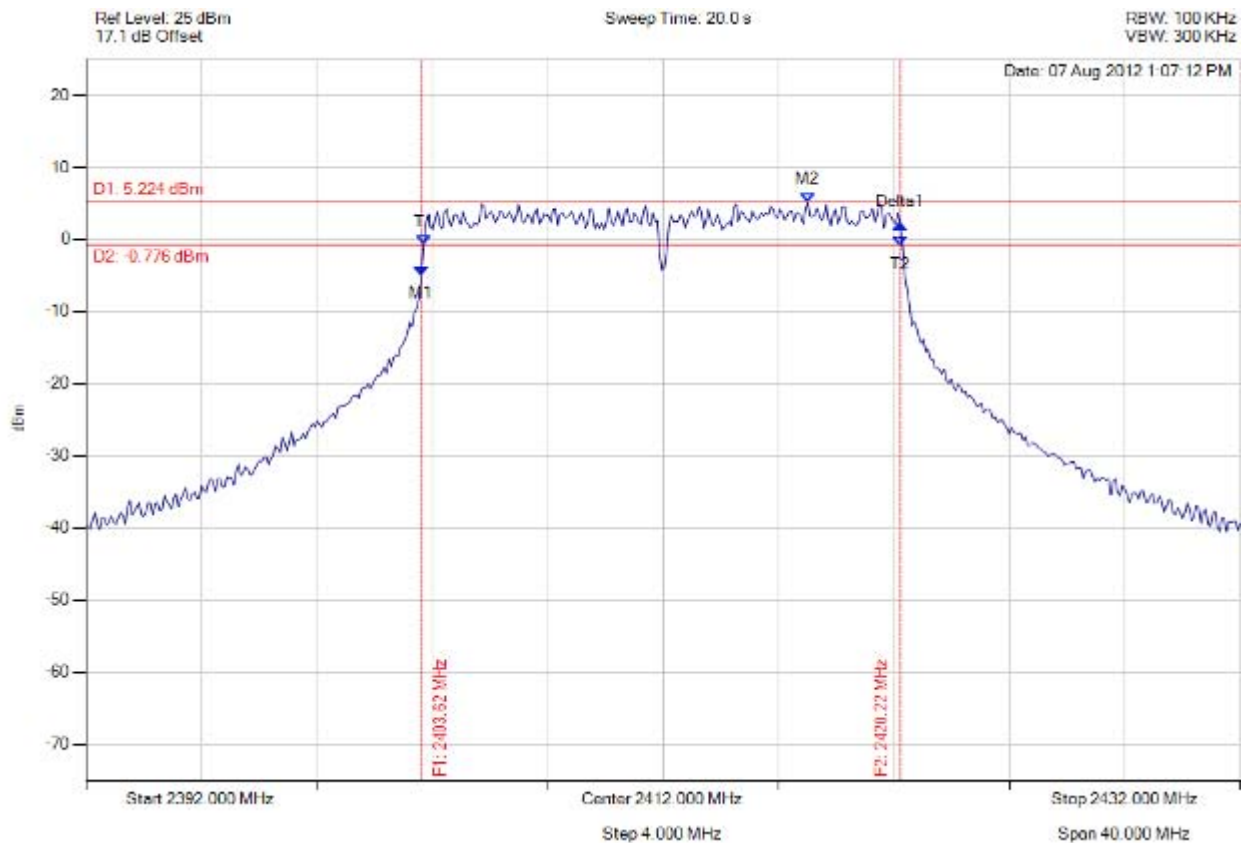
**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
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3x3 802.11g



6 dB 99%

Variant: 802.11g, Channel: 2412.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.623 MHz : -4.998 dBm M2 : 2417.010 MHz : 5.224 dBm Delta1 : 16.593 MHz : 7.100 dBm T1 : 2403.703 MHz : -0.725 dBm T2 : 2420.216 MHz : -0.877 dBm OBW : 16.593 MHz	Measured 6 dB Bandwidth: 16.593 MHz Limit: 0.5 MHz Margin: -16.09 MHz

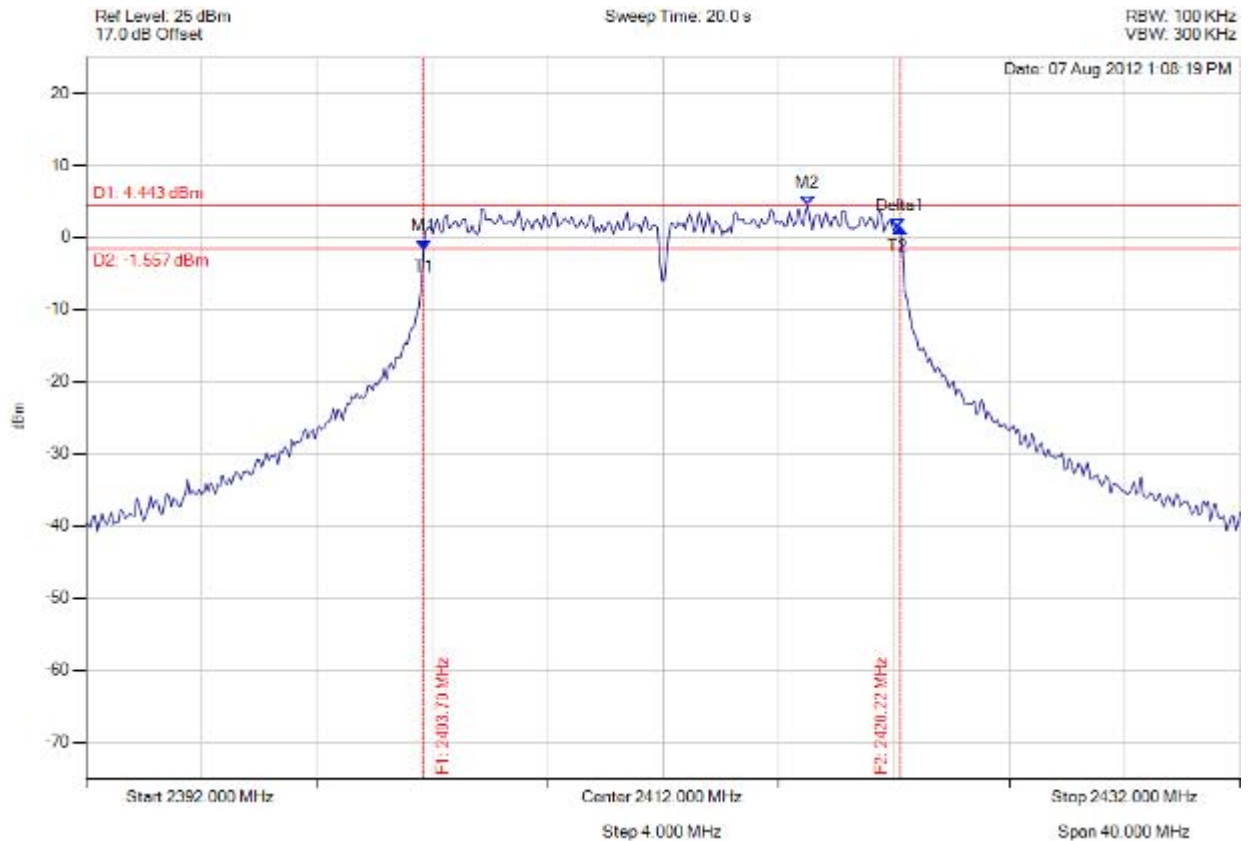
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**6 dB 99%**

Variant: 802.11g, Channel: 2412.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.703 MHz : -1.616 dBm M2 : 2417.010 MHz : 4.443 dBm Delta1 : 16.513 MHz : 2.866 dBm T1 : 2403.703 MHz : -1.616 dBm T2 : 2420.136 MHz : 1.250 dBm OBW : 16.513 MHz	Measured 6 dB Bandwidth: 16.513 MHz Limit: 0.5 MHz Margin: -16.01 MHz

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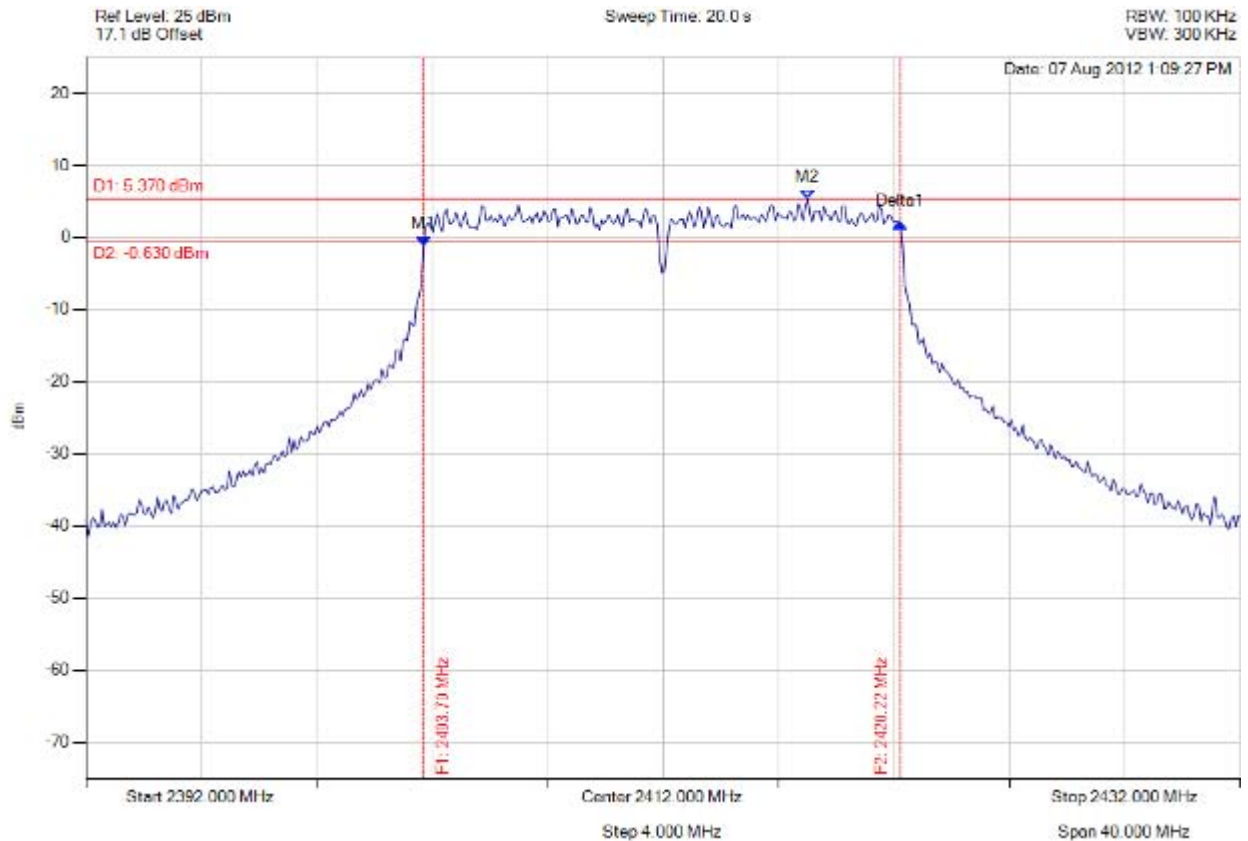


**Title:** AP0127450, AP0127460  
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6 dB 99%

Variant: 802.11g, Channel: 2412.00 MHz, Chain C, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.703 MHz : -1.170 dBm M2 : 2417.010 MHz : 5.370 dBm Delta1 : 16.513 MHz : 3.120 dBm T1 : 0 Hz : 500.000 dBm T2 : 0 Hz : 500.000 dBm OBW : 16.513 MHz	Measured 6 dB Bandwidth: 16.513 MHz Limit: 0.5 MHz Margin: -16.01 MHz

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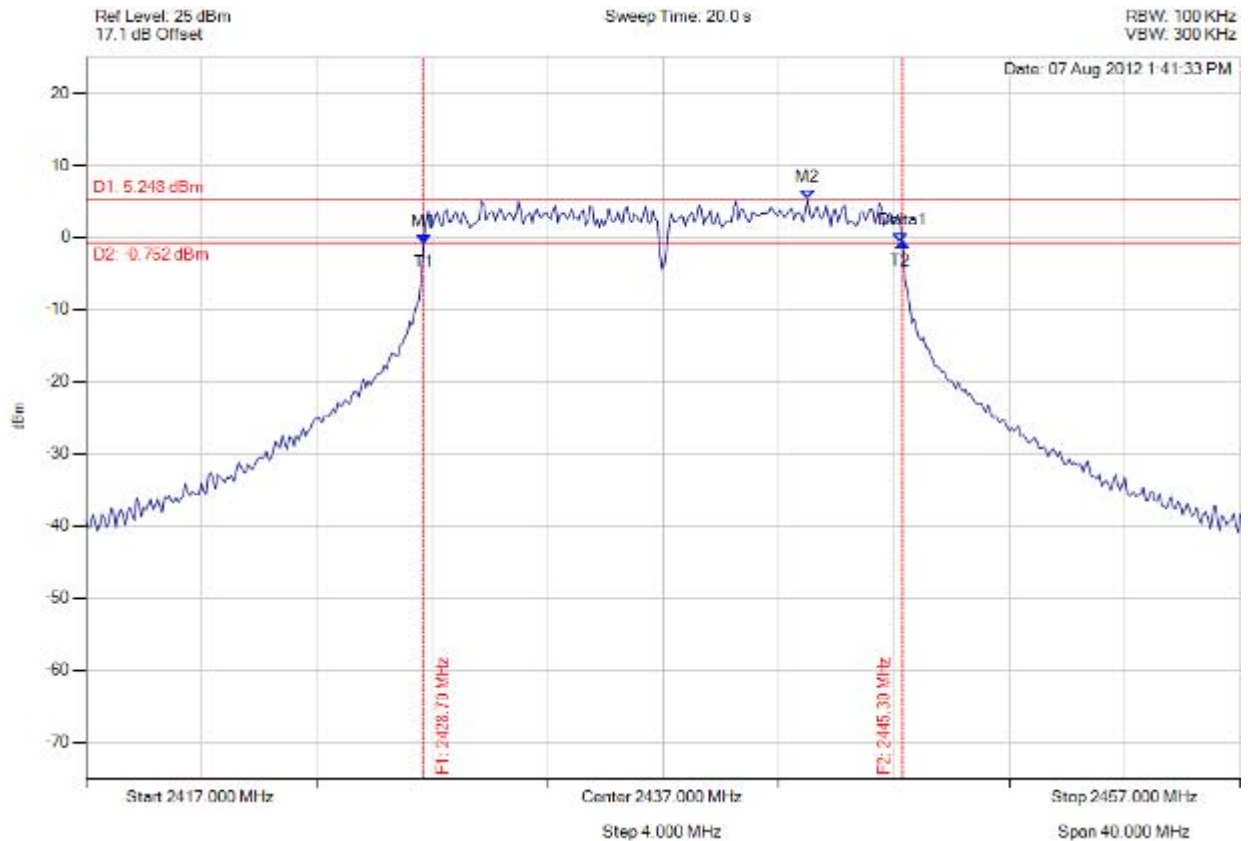


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
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**6 dB 99%**

Variant: 802.11g, Channel: 2437.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2428.703 MHz : -0.944 dBm M2 : 2442.010 MHz : 5.248 dBm Delta1 : 16.593 MHz : 0.252 dBm T1 : 2428.703 MHz : -0.944 dBm T2 : 2445.216 MHz : -0.692 dBm OBW : 16.593 MHz	Measured 6 dB Bandwidth: 16.593 MHz Limit: 0.5 MHz Margin: -16.09 MHz

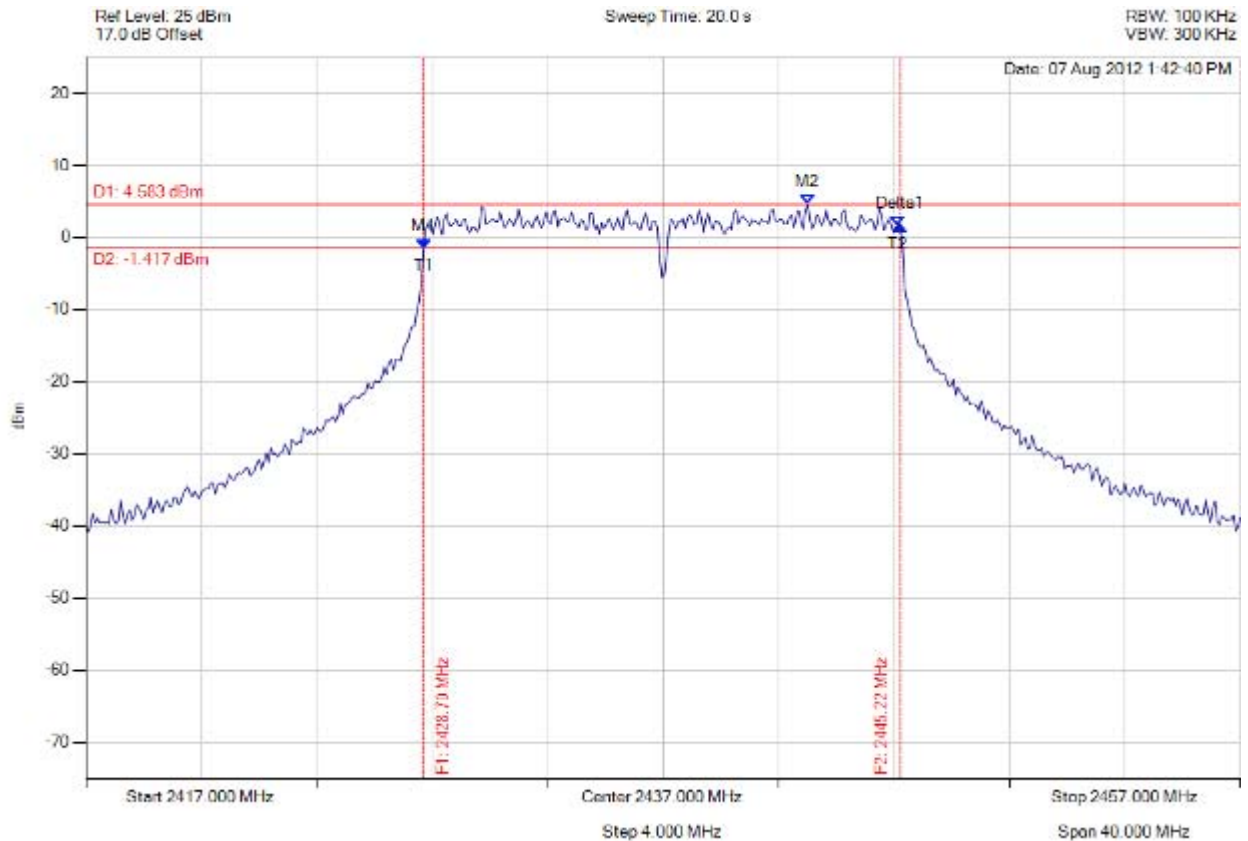
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**6 dB 99%**

Variant: 802.11g, Channel: 2437.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2428.703 MHz : -1.473 dBm M2 : 2442.010 MHz : 4.583 dBm Delta1 : 16.513 MHz : 3.114 dBm T1 : 2428.703 MHz : -1.473 dBm T2 : 2445.136 MHz : 1.640 dBm OBW : 16.513 MHz	Measured 6 dB Bandwidth: 16.513 MHz Limit: 0.5 MHz Margin: -16.01 MHz

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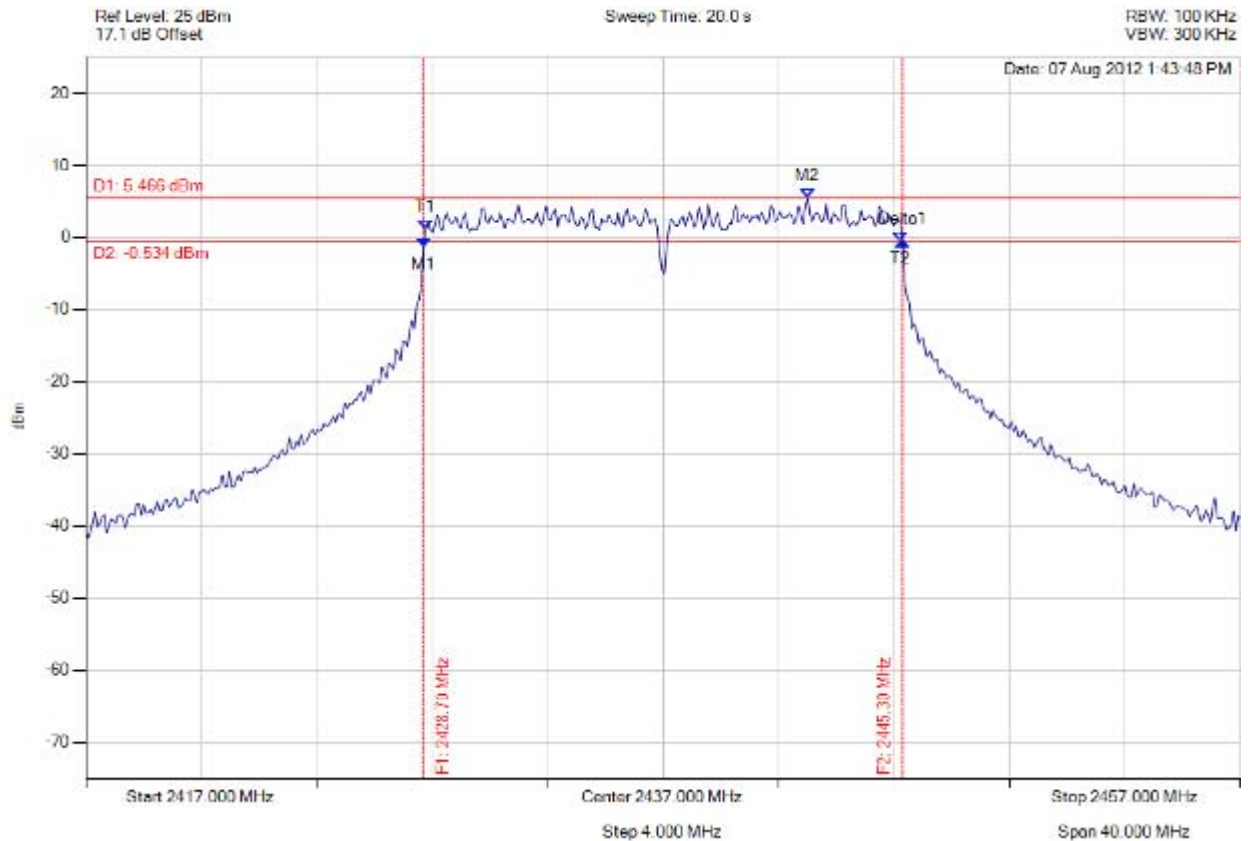


**Title:** AP0127450, AP0127460  
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**6 dB 99%**

Variant: 802.11g, Channel: 2437.00 MHz, Chain C, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2428.703 MHz : -1.321 dBm M2 : 2442.010 MHz : 5.466 dBm Delta1 : 16.593 MHz : 0.838 dBm T1 : 2428.784 MHz : 1.079 dBm T2 : 2445.216 MHz : -0.483 dBm OBW : 16.513 MHz	Measured 6 dB Bandwidth: 16.593 MHz Limit: 0.5 MHz Margin: -16.09 MHz

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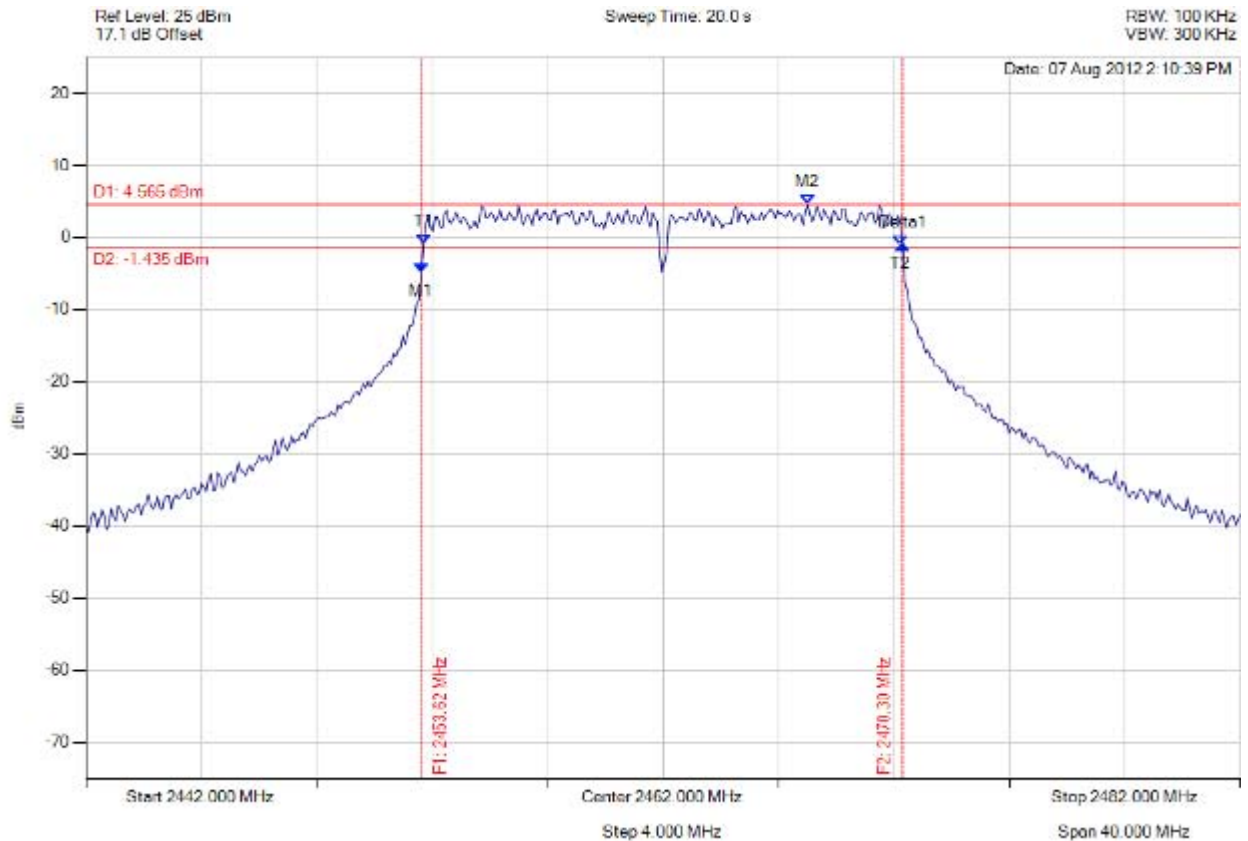


**Title:** AP0127450, AP0127460  
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**6 dB 99%**

Variant: 802.11g, Channel: 2462.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2453.623 MHz : -4.908 dBm M2 : 2467.010 MHz : 4.565 dBm Delta1 : 16.673 MHz : 3.807 dBm T1 : 2453.703 MHz : -0.902 dBm T2 : 2470.216 MHz : -1.101 dBm OBW : 16.593 MHz	Measured 6 dB Bandwidth: 16.673 MHz Limit: 0.5 MHz Margin: -16.17 MHz

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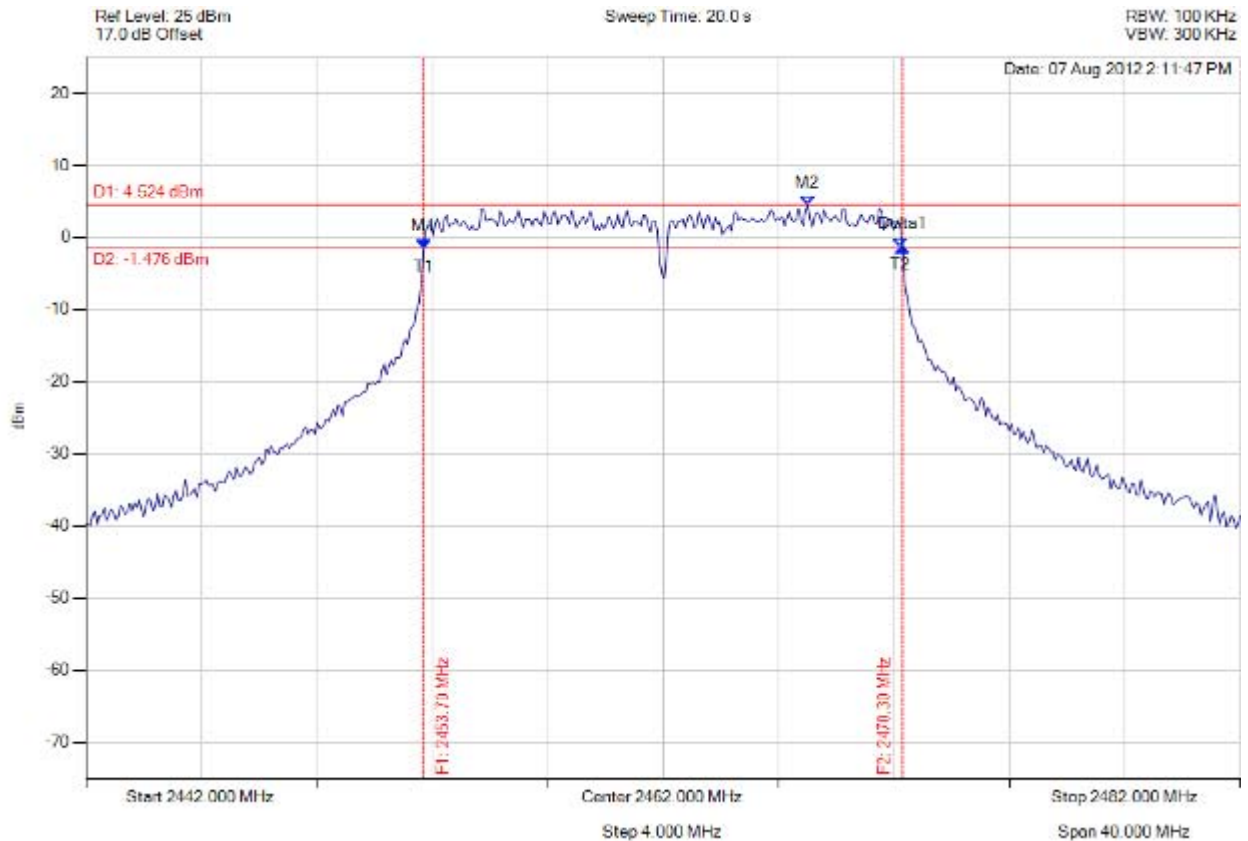


**Title:** AP0127450, AP0127460  
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**6 dB 99%**

Variant: 802.11g, Channel: 2462.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2453.703 MHz : -1.591 dBm M2 : 2467.010 MHz : 4.524 dBm Delta1 : 16.593 MHz : 0.307 dBm T1 : 2453.703 MHz : -1.591 dBm T2 : 2470.216 MHz : -1.284 dBm OBW : 16.593 MHz	Measured 6 dB Bandwidth: 16.593 MHz Limit: 0.5 MHz Margin: -16.09 MHz

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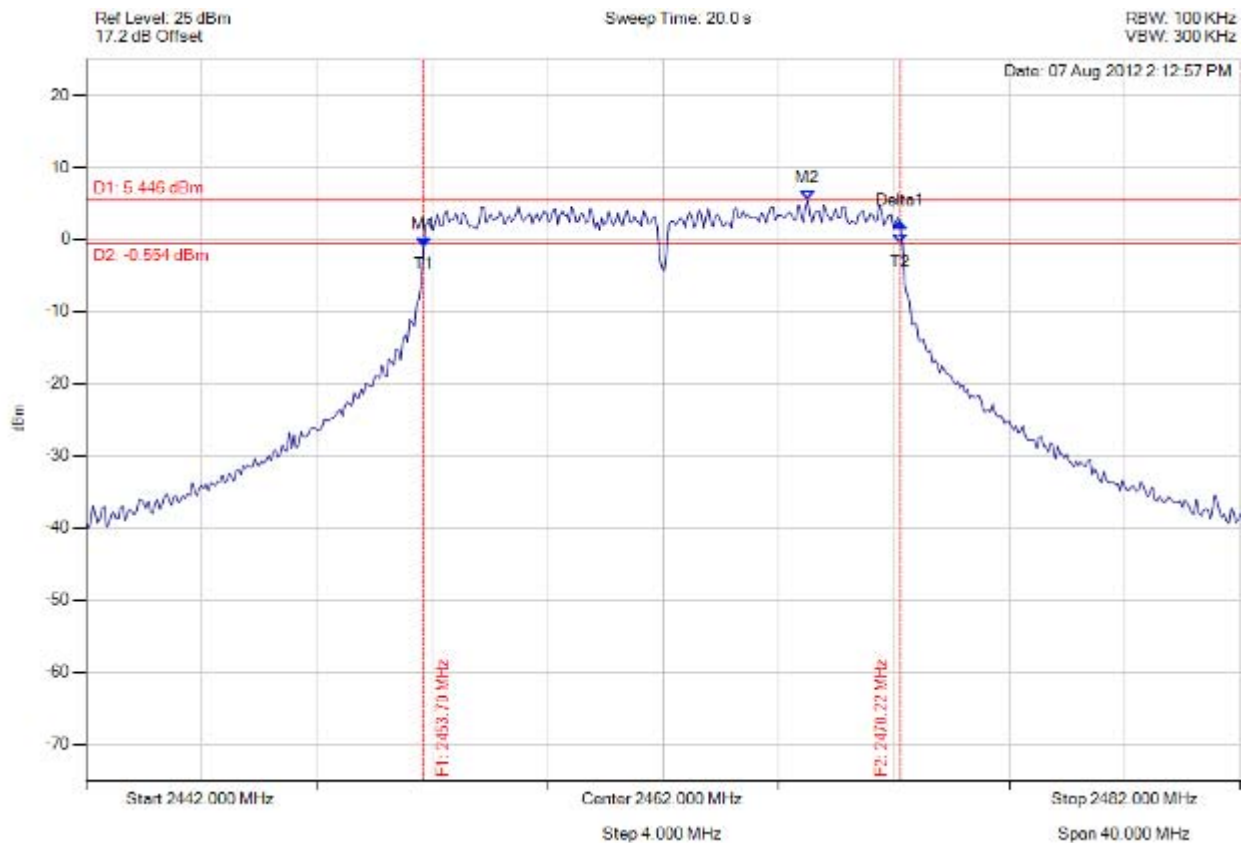


**Title:** AP0127450, AP0127460  
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**6 dB 99%**

Variant: 802.11g, Channel: 2462.00 MHz, Chain C, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2453.703 MHz : -0.961 dBm M2 : 2467.010 MHz : 5.446 dBm Delta1 : 16.513 MHz : 3.246 dBm T1 : 2453.703 MHz : -0.961 dBm T2 : 2470.216 MHz : -0.601 dBm OBW : 16.593 MHz	Measured 6 dB Bandwidth: 16.513 MHz Limit: 0.5 MHz Margin: -16.01 MHz

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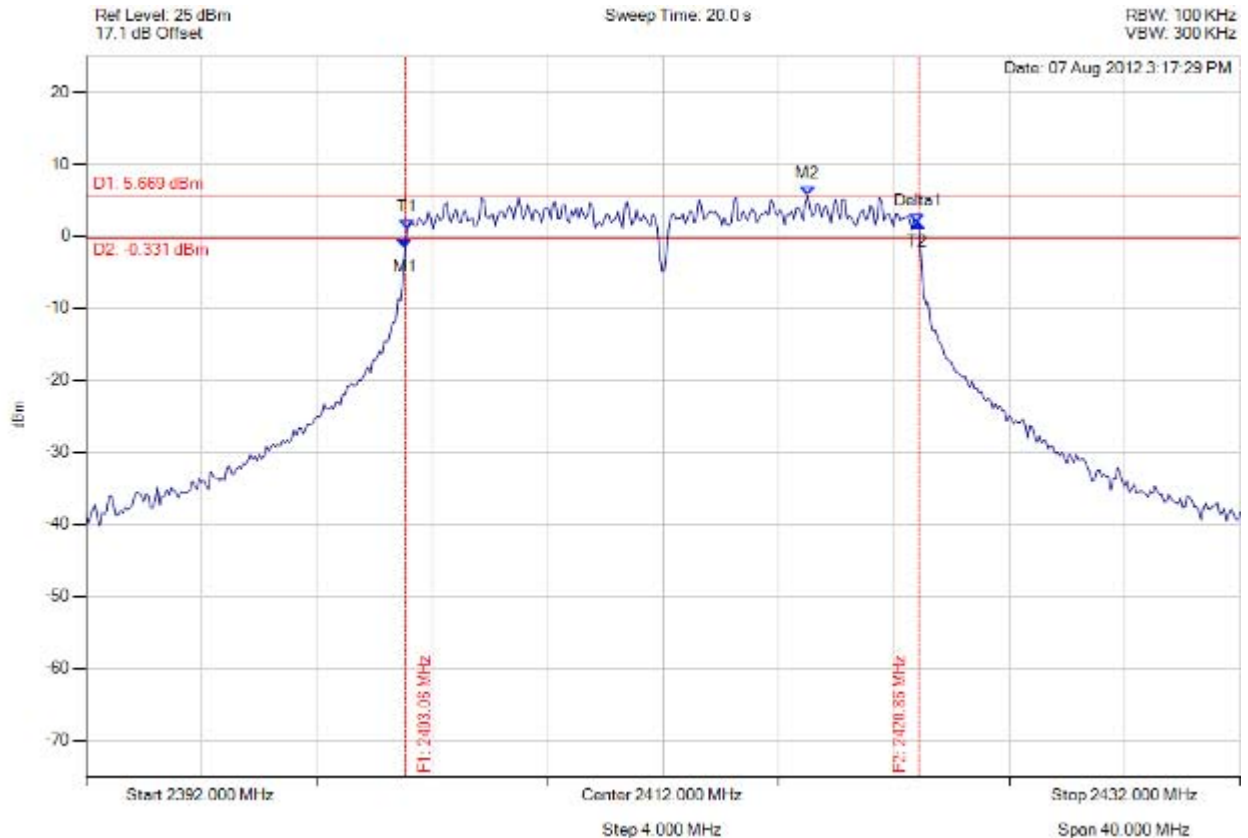
**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
**Serial #:** RDWN14-U1 Rev A  
**Issue Date:** 12th December 2012  
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3x3 802.11n HT-20



6 dB 99%

Variant: 802.11n HT-20, Channel: 2412.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.062 MHz : -1.776 dBm M2 : 2417.010 MHz : 5.669 dBm Delta1 : 17.796 MHz : 3.559 dBm T1 : 2403.142 MHz : 0.918 dBm T2 : 2420.778 MHz : 1.783 dBm OBW : 17.715 MHz	Measured 6 dB Bandwidth: 17.796 MHz Limit: 0.5 MHz Margin: -17.30 MHz

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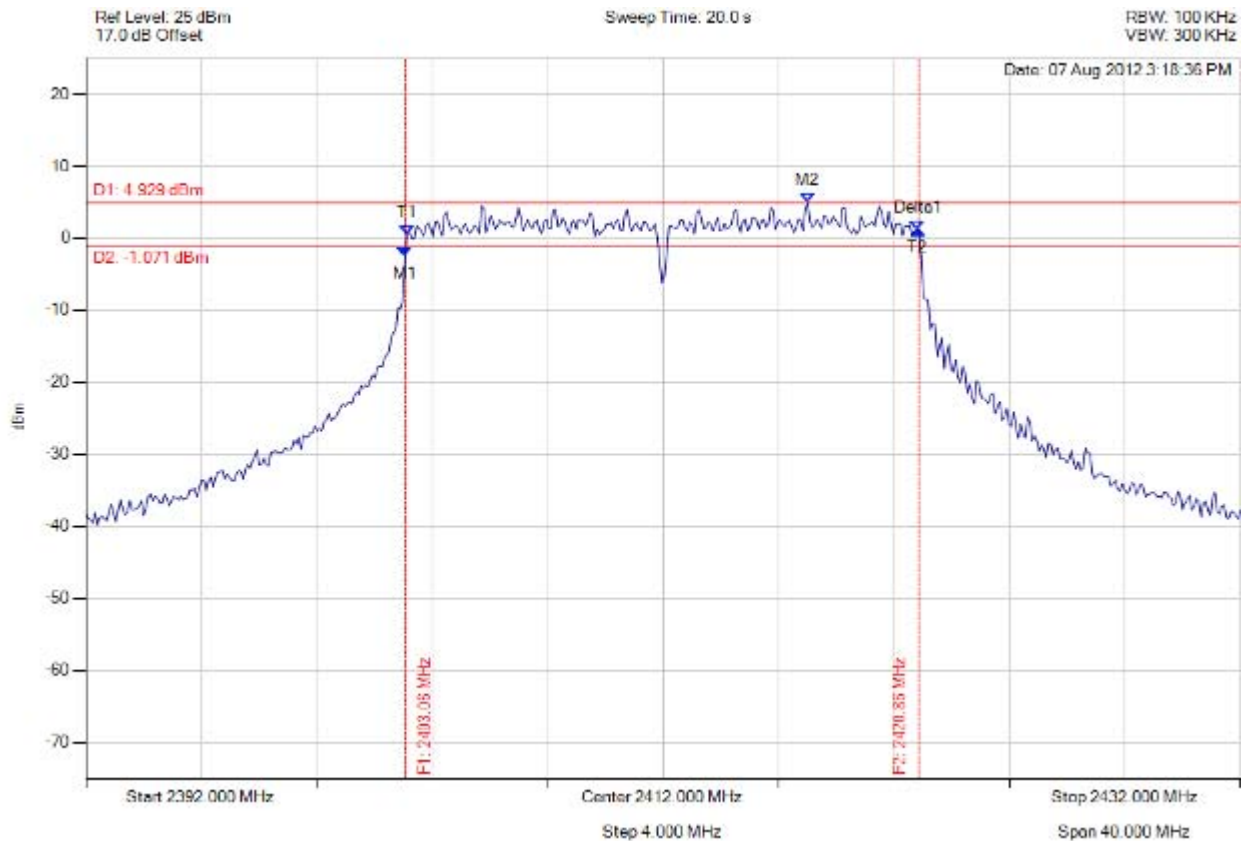


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
**Serial #:** RDWN14-U1 Rev A  
**Issue Date:** 12th December 2012  
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**6 dB 99%**

Variant: 802.11n HT-20, Channel: 2412.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.062 MHz : -2.486 dBm M2 : 2417.010 MHz : 4.929 dBm Delta1 : 17.796 MHz : 3.687 dBm T1 : 2403.142 MHz : 0.457 dBm T2 : 2420.778 MHz : 1.201 dBm OBW : 17.715 MHz	Measured 6 dB Bandwidth: 17.796 MHz Limit: 0.5 MHz Margin: -17.30 MHz

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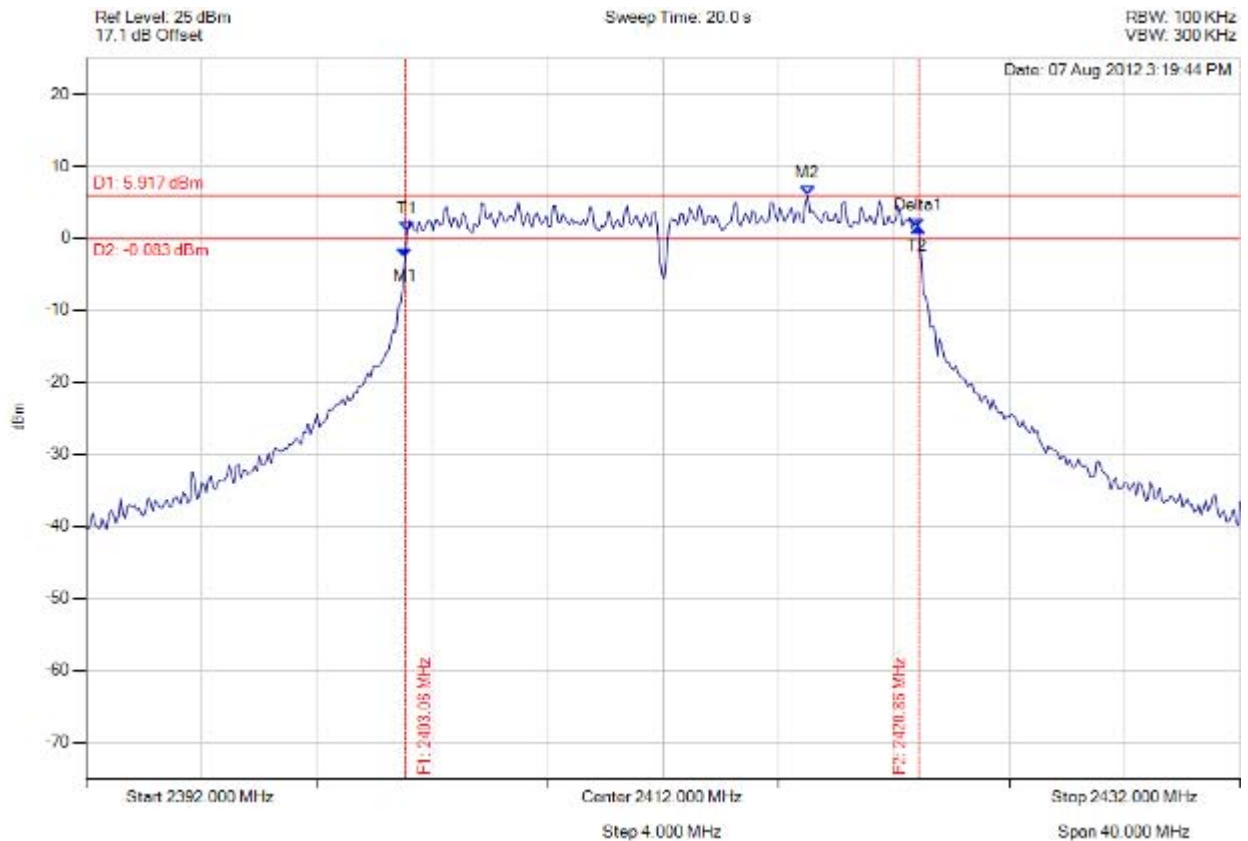


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
**Serial #:** RDWN14-U1 Rev A  
**Issue Date:** 12th December 2012  
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**6 dB 99%**

Variant: 802.11n HT-20, Channel: 2412.00 MHz, Chain C, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.062 MHz : -2.710 dBm M2 : 2417.010 MHz : 5.917 dBm Delta1 : 17.796 MHz : 4.185 dBm T1 : 2403.142 MHz : 0.892 dBm T2 : 2420.778 MHz : 1.476 dBm OBW : 17.715 MHz	Measured 6 dB Bandwidth: 17.796 MHz Limit: 0.5 MHz Margin: -17.30 MHz

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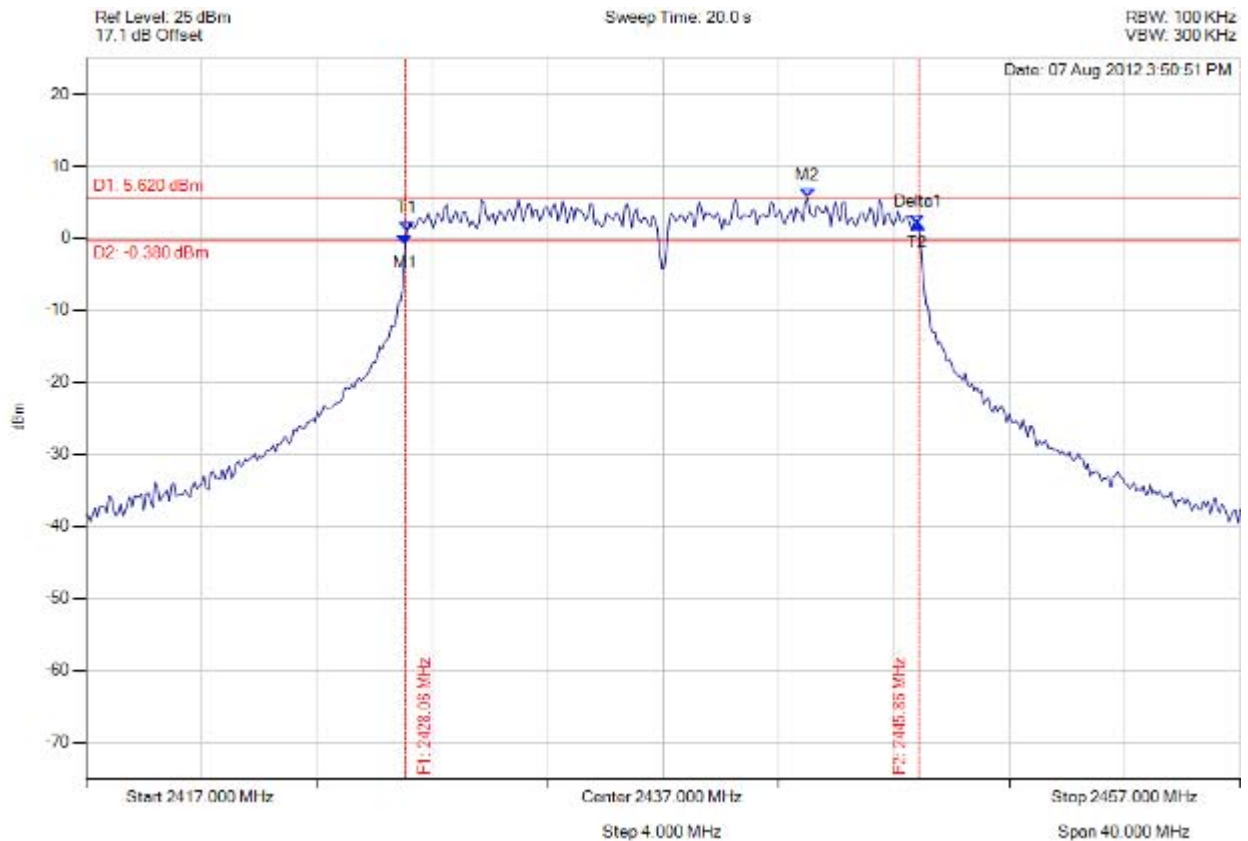


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
**Serial #:** RDWN14-U1 Rev A  
**Issue Date:** 12th December 2012  
**Page:** 205 of 440



**6 dB 99%**

Variant: 802.11n HT-20, Channel: 2437.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2428.062 MHz : -0.853 dBm M2 : 2442.010 MHz : 5.620 dBm Delta1 : 17.796 MHz : 2.772 dBm T1 : 2428.142 MHz : 1.053 dBm T2 : 2445.778 MHz : 1.919 dBm OBW : 17.715 MHz	Measured 6 dB Bandwidth: 17.796 MHz Limit: 0.5 MHz Margin: -17.30 MHz

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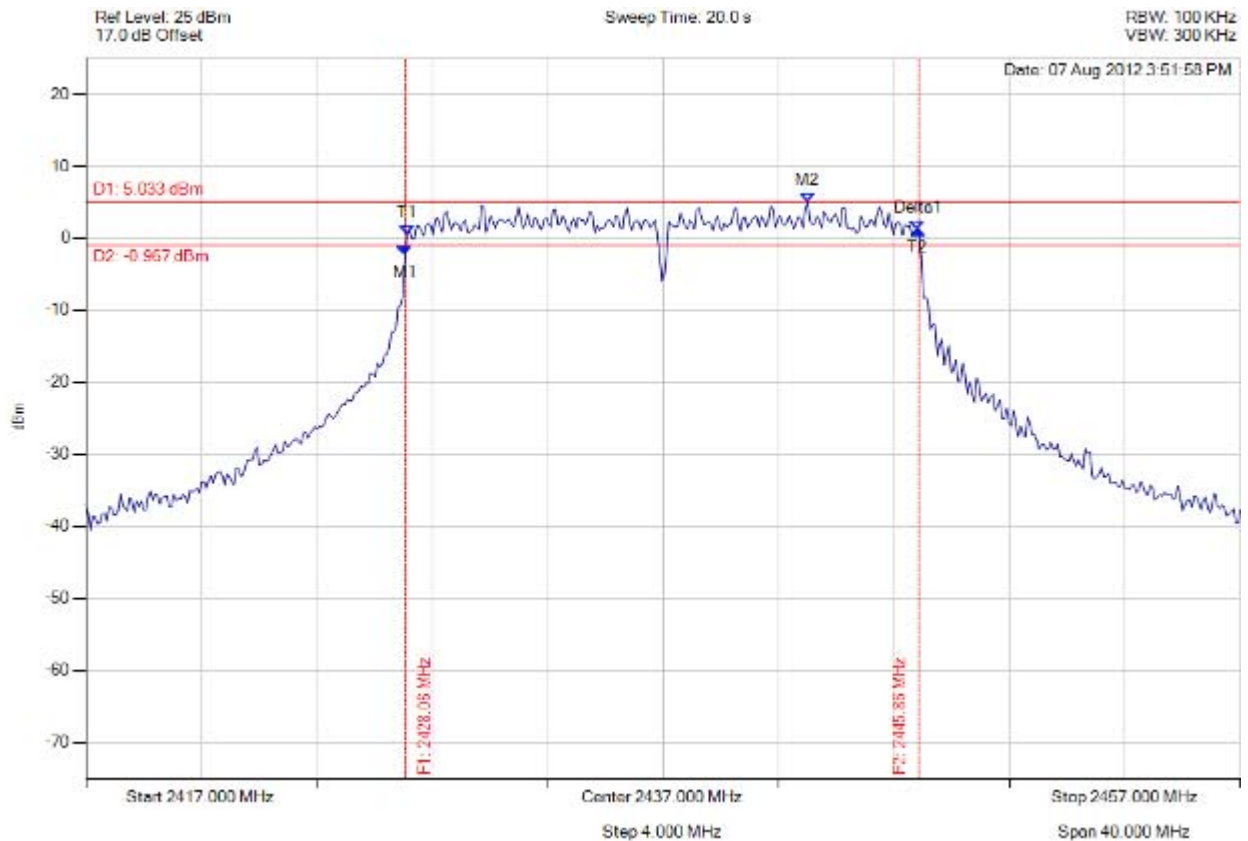


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
**Serial #:** RDWN14-U1 Rev A  
**Issue Date:** 12th December 2012  
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**6 dB 99%**

Variant: 802.11n HT-20, Channel: 2437.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2428.062 MHz : -2.338 dBm M2 : 2442.010 MHz : 5.033 dBm Delta1 : 17.796 MHz : 3.543 dBm T1 : 2428.142 MHz : 0.436 dBm T2 : 2445.778 MHz : 1.205 dBm OBW : 17.715 MHz	Measured 6 dB Bandwidth: 17.796 MHz Limit: 0.5 MHz Margin: -17.30 MHz

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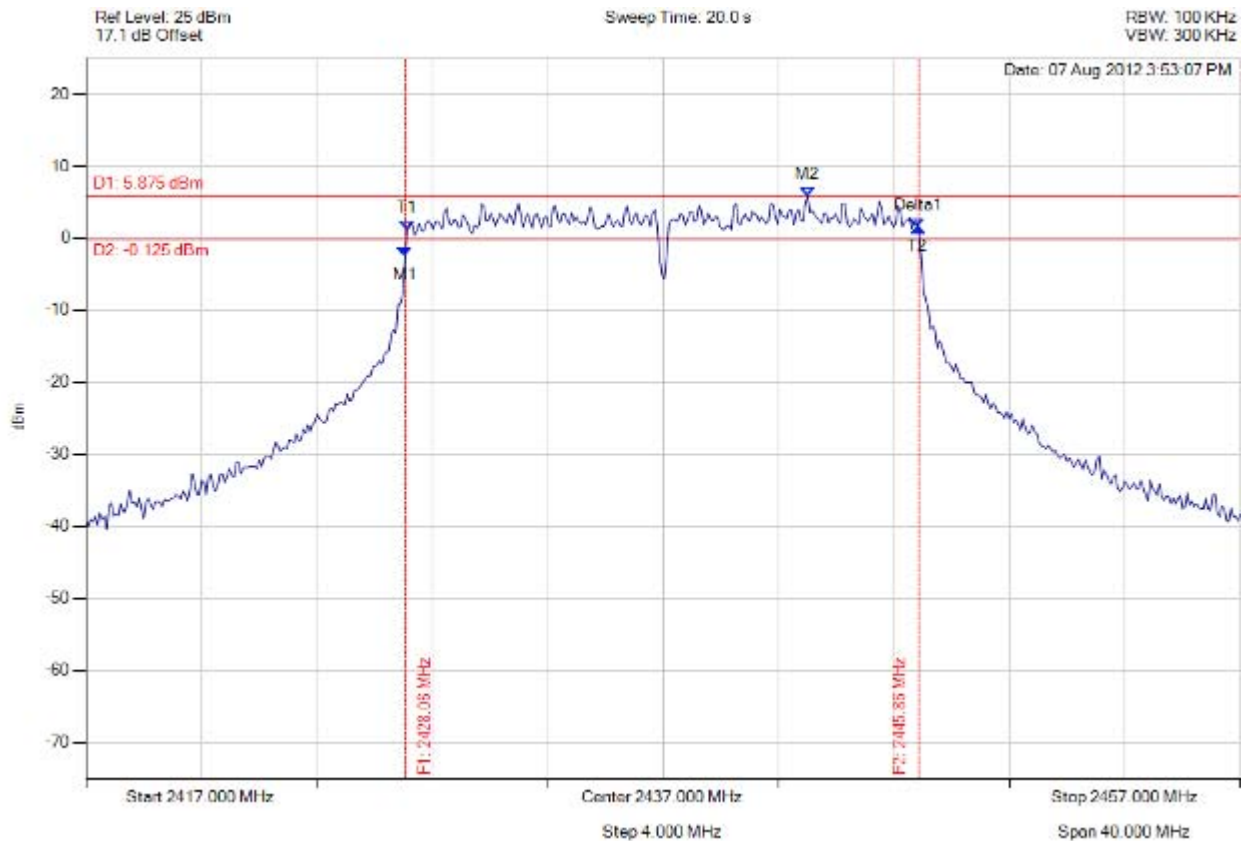


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
**Serial #:** RDWN14-U1 Rev A  
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**6 dB 99%**

Variant: 802.11n HT-20, Channel: 2437.00 MHz, Chain C, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2428.062 MHz : -2.553 dBm M2 : 2442.010 MHz : 5.875 dBm Delta1 : 17.796 MHz : 3.943 dBm T1 : 2428.142 MHz : 1.095 dBm T2 : 2445.778 MHz : 1.390 dBm OBW : 17.715 MHz	Measured 6 dB Bandwidth: 17.796 MHz Limit: 0.5 MHz Margin: -17.30 MHz

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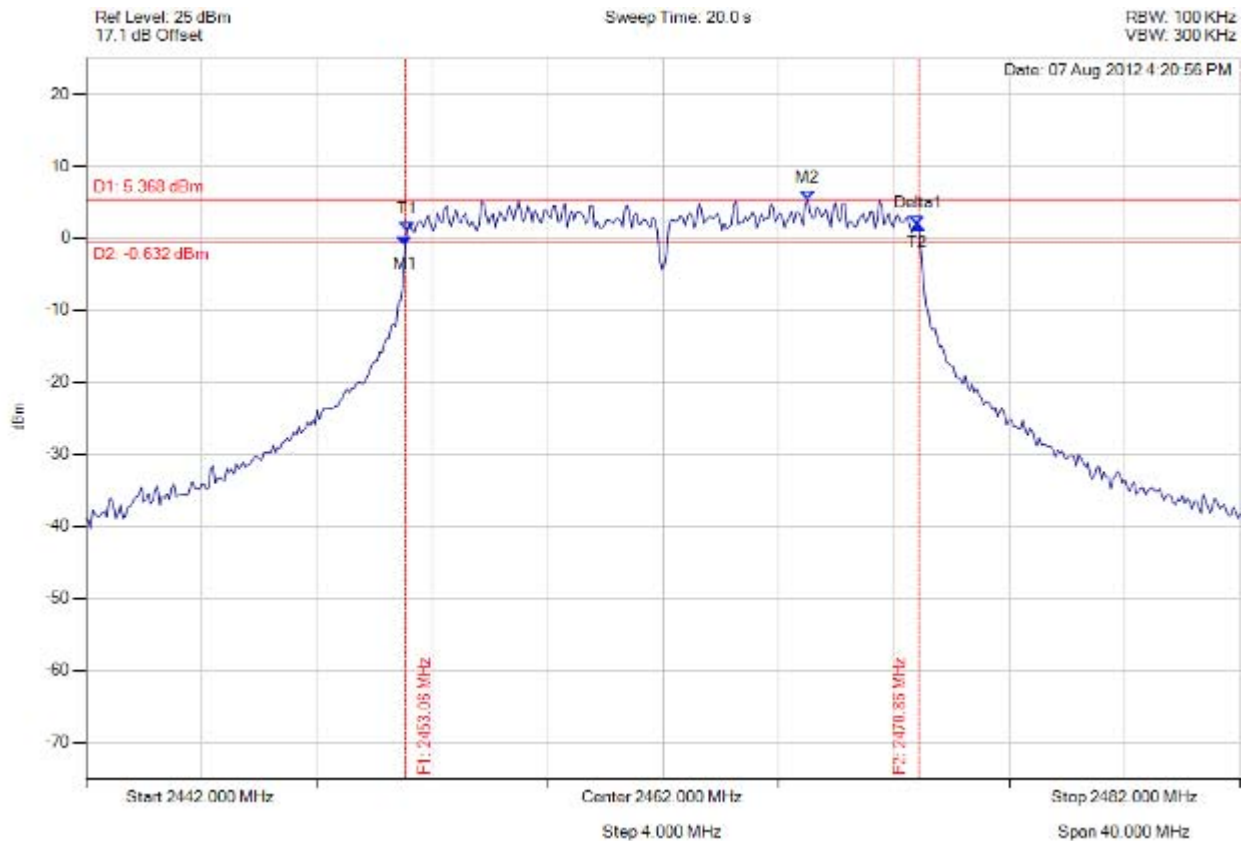


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
**Serial #:** RDWN14-U1 Rev A  
**Issue Date:** 12th December 2012  
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**6 dB 99%**

Variant: 802.11n HT-20, Channel: 2462.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2453.062 MHz : -1.052 dBm M2 : 2467.010 MHz : 5.368 dBm Delta1 : 17.796 MHz : 2.898 dBm T1 : 2453.142 MHz : 1.024 dBm T2 : 2470.778 MHz : 1.846 dBm OBW : 17.715 MHz	Measured 6 dB Bandwidth: 17.796 MHz Limit: 0.5 MHz Margin: -17.30 MHz

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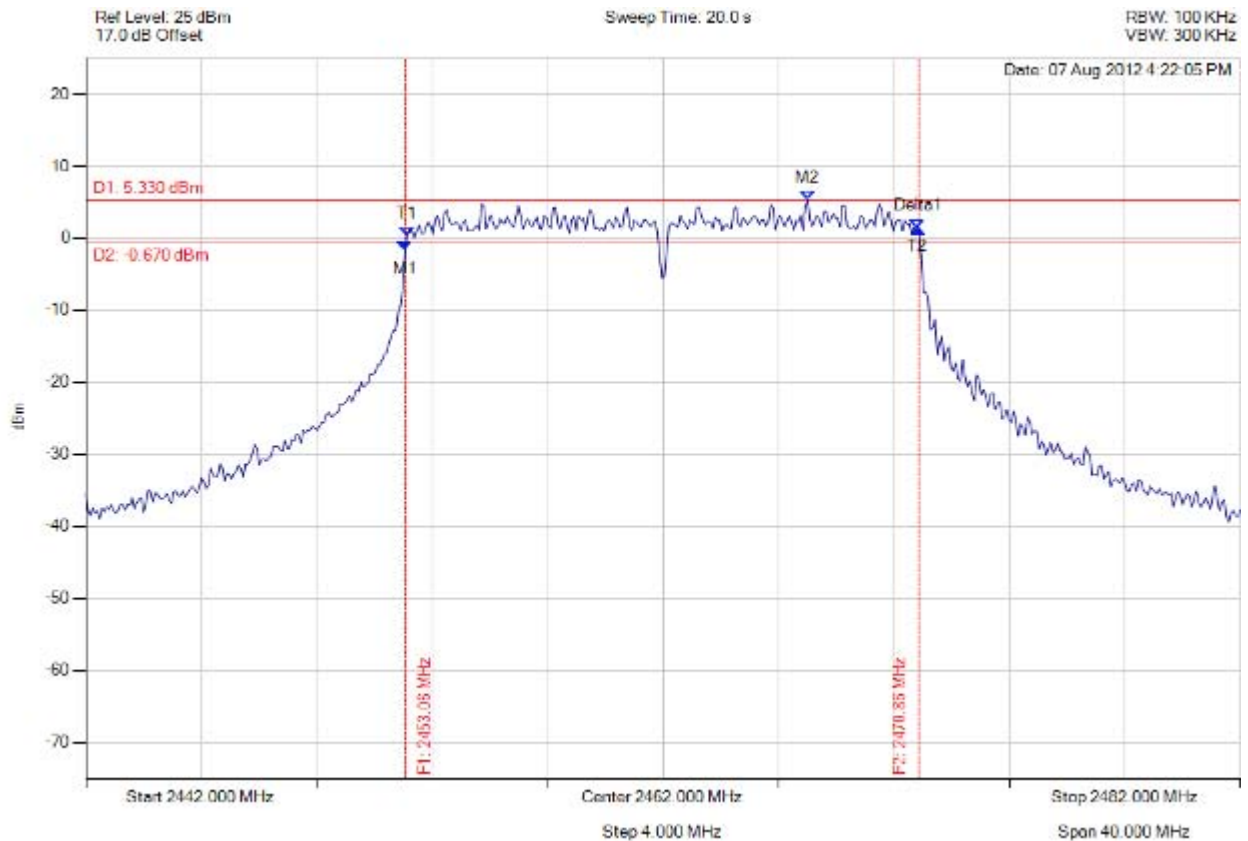


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
**Serial #:** RDWN14-U1 Rev A  
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**6 dB 99%**

Variant: 802.11n HT-20, Channel: 2462.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2453.062 MHz : -1.689 dBm M2 : 2467.010 MHz : 5.330 dBm Delta1 : 17.796 MHz : 3.071 dBm T1 : 2453.142 MHz : 0.361 dBm T2 : 2470.778 MHz : 1.382 dBm OBW : 17.715 MHz	Measured 6 dB Bandwidth: 17.796 MHz Limit: 0.5 MHz Margin: -17.30 MHz

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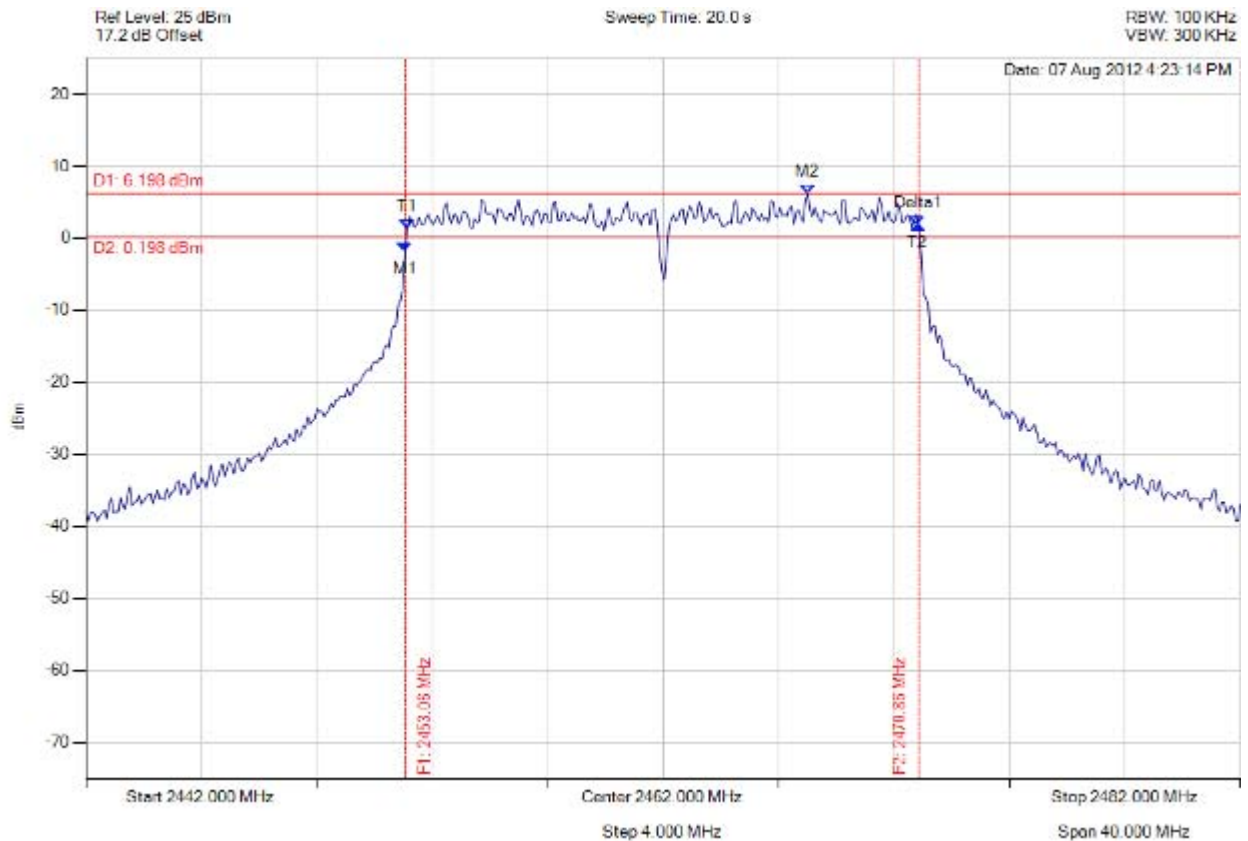


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
**Serial #:** RDWN14-U1 Rev A  
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**6 dB 99%**

Variant: 802.11n HT-20, Channel: 2462.00 MHz, Chain C, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2453.062 MHz : -1.833 dBm M2 : 2467.010 MHz : 6.198 dBm Delta1 : 17.796 MHz : 3.699 dBm T1 : 2453.142 MHz : 1.293 dBm T2 : 2470.778 MHz : 1.866 dBm OBW : 17.715 MHz	Measured 6 dB Bandwidth: 17.796 MHz Limit: 0.5 MHz Margin: -17.30 MHz

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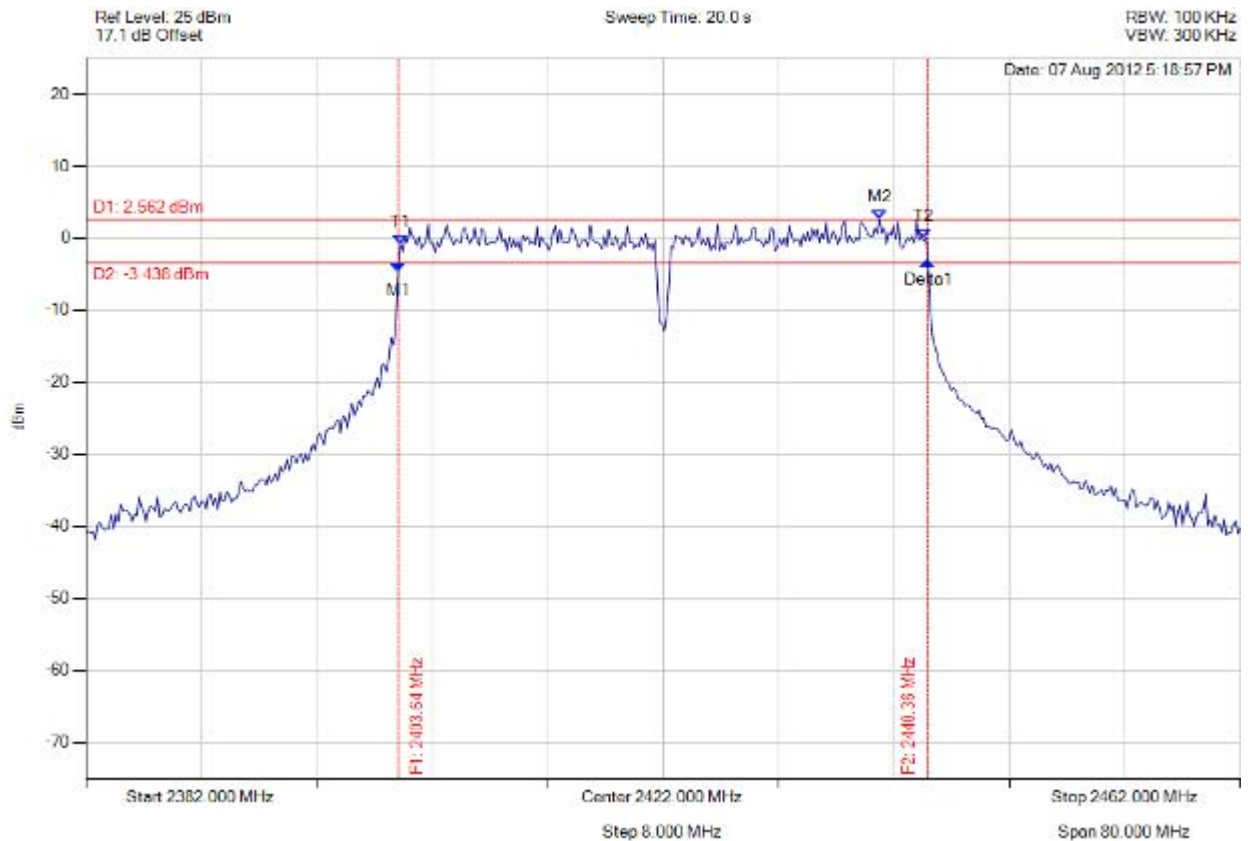
**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
**Serial #:** RDWN14-U1 Rev A  
**Issue Date:** 12th December 2012  
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3x3 802.11n HT-40



6 dB 99%

Variant: 802.11n HT-40, Channel: 2422.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.643 MHz : -4.709 dBm M2 : 2436.990 MHz : 2.562 dBm Delta1 : 36.713 MHz : 1.489 dBm T1 : 2403.804 MHz : -0.908 dBm T2 : 2440.036 MHz : 0.030 dBm OBW : 36.393 MHz	Measured 6 dB Bandwidth: 36.713 MHz Limit: 0.5 MHz Margin: -36.21 MHz

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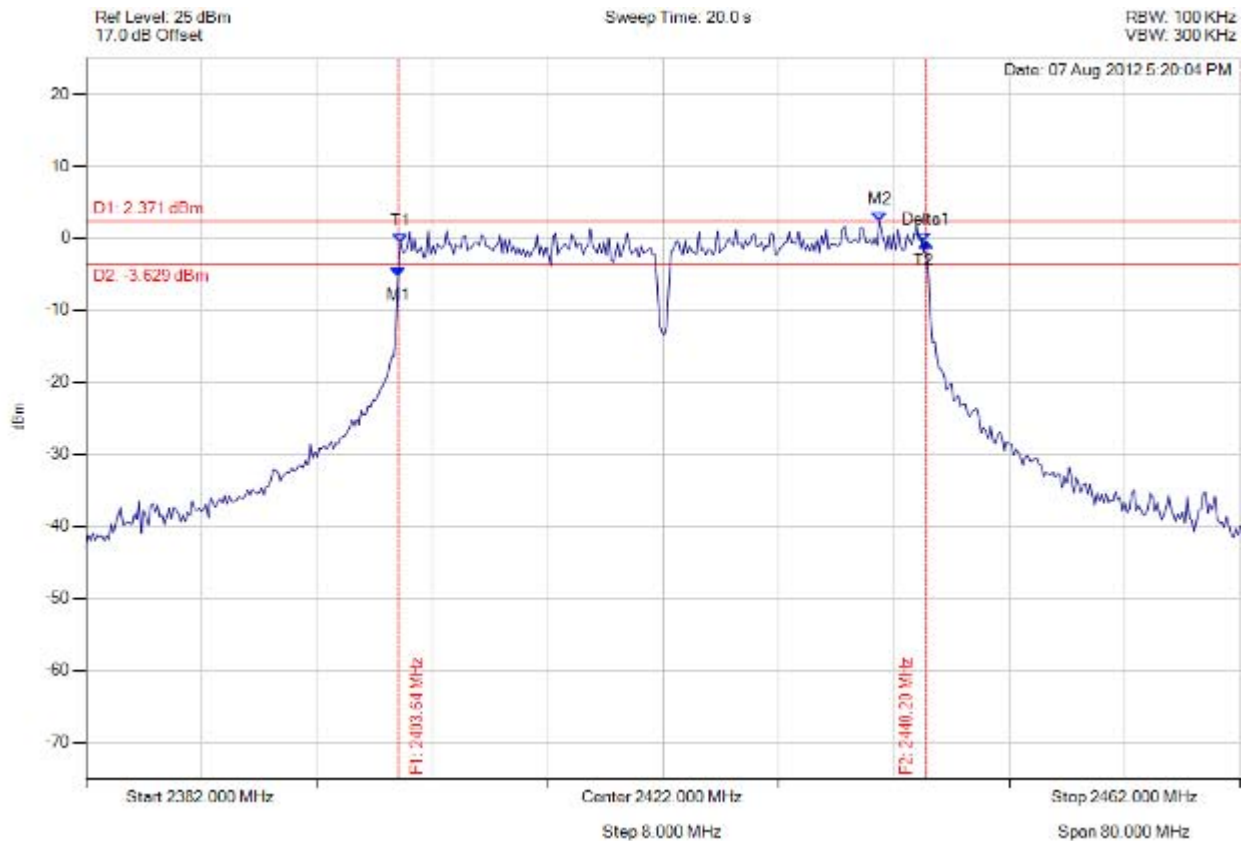


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
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**6 dB 99%**

Variant: 802.11n HT-40, Channel: 2422.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.643 MHz : -5.386 dBm M2 : 2436.990 MHz : 2.371 dBm Delta1 : 36.553 MHz : 4.848 dBm T1 : 2403.804 MHz : -0.641 dBm T2 : 2440.036 MHz : -0.538 dBm OBW : 36.393 MHz	Measured 6 dB Bandwidth: 36.553 MHz Limit: 0.5 MHz Margin: -36.05 MHz

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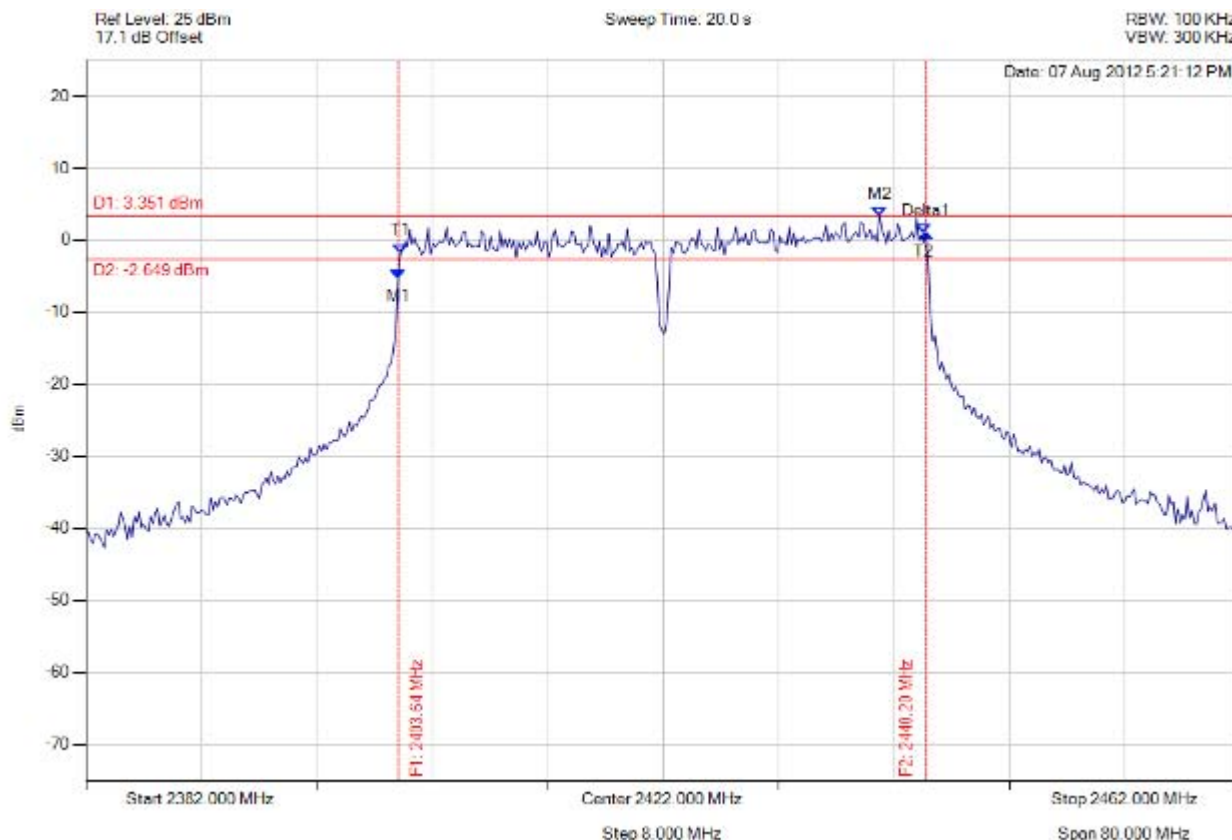


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
**Serial #:** RDWN14-U1 Rev A  
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**6 dB 99%**

Variant: 802.11n HT-40, Channel: 2422.00 MHz, Chain C, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.643 MHz : -5.327 dBm M2 : 2436.990 MHz : 3.351 dBm Delta1 : 36.553 MHz : 6.274 dBm T1 : 2403.804 MHz : -1.788 dBm T2 : 2440.036 MHz : 0.947 dBm OBW : 36.393 MHz	Measured 6 dB Bandwidth: 36.553 MHz Limit: 0.5 MHz Margin: -36.05 MHz

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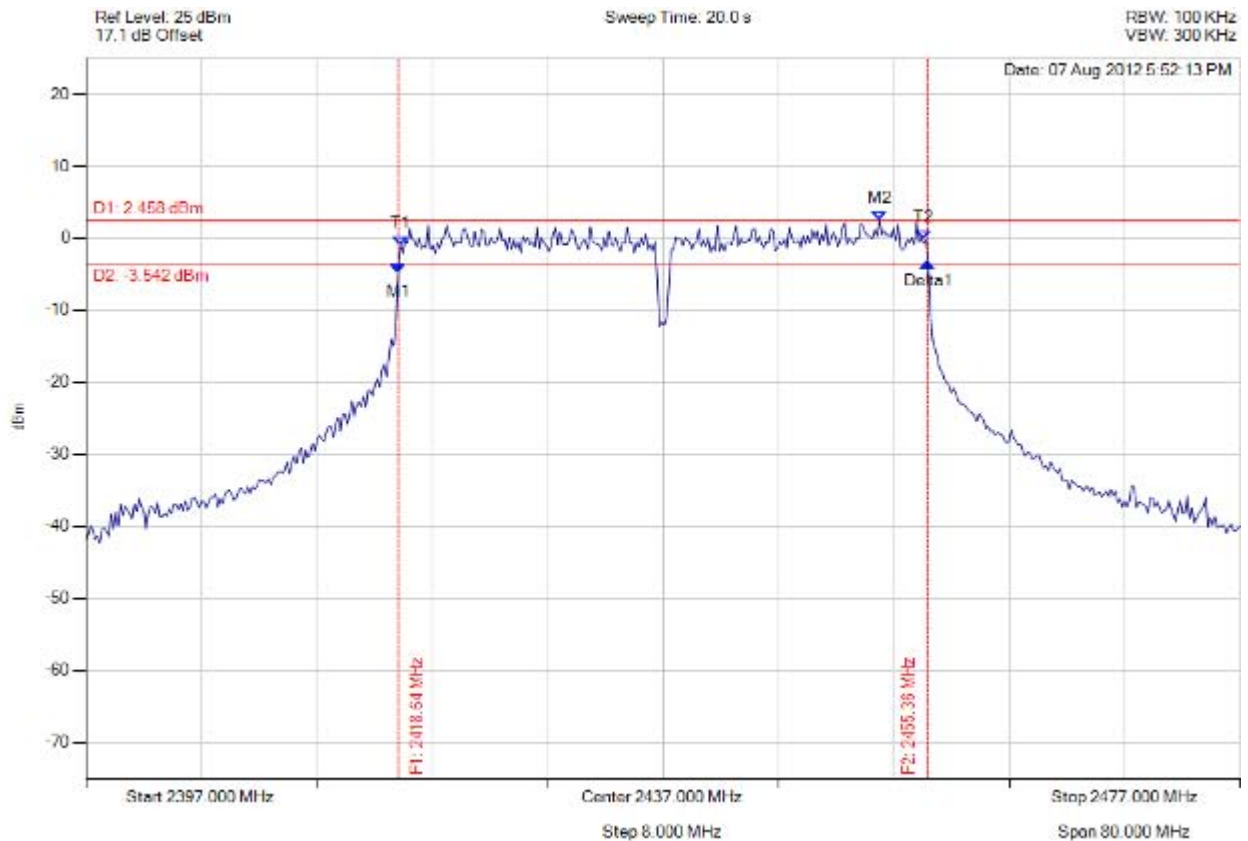


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
**Serial #:** RDWN14-U1 Rev A  
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**6 dB 99%**

Variant: 802.11n HT-40, Channel: 2437.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2418.804 MHz : -4.927 dBm M2 : 2451.990 MHz : 2.458 dBm Delta1 : 36.713 MHz : 1.523 dBm T1 : 2418.804 MHz : -1.101 dBm T2 : 2455.036 MHz : -0.231 dBm OBW : 36.393 MHz	Measured 6 dB Bandwidth: 36.713 MHz Limit: 0.5 MHz Margin: -36.21 MHz

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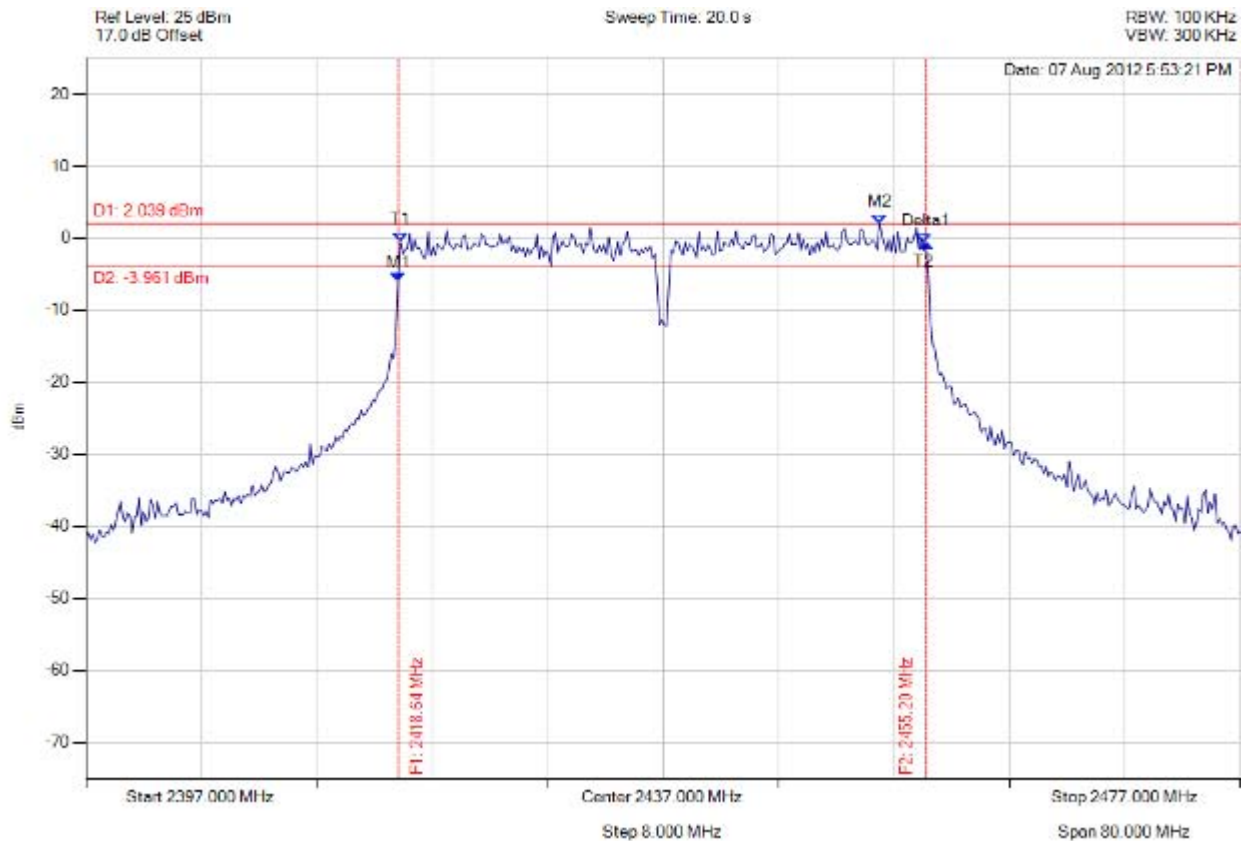


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
**Serial #:** RDWN14-U1 Rev A  
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**6 dB 99%**

Variant: 802.11n HT-40, Channel: 2437.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2418.643 MHz : -5.968 dBm M2 : 2451.990 MHz : 2.039 dBm Delta1 : 36.553 MHz : 5.231 dBm T1 : 2418.804 MHz : -0.570 dBm T2 : 2455.036 MHz : -0.737 dBm OBW : 36.393 MHz	Measured 6 dB Bandwidth: 36.553 MHz Limit: 0.5 MHz Margin: -36.05 MHz

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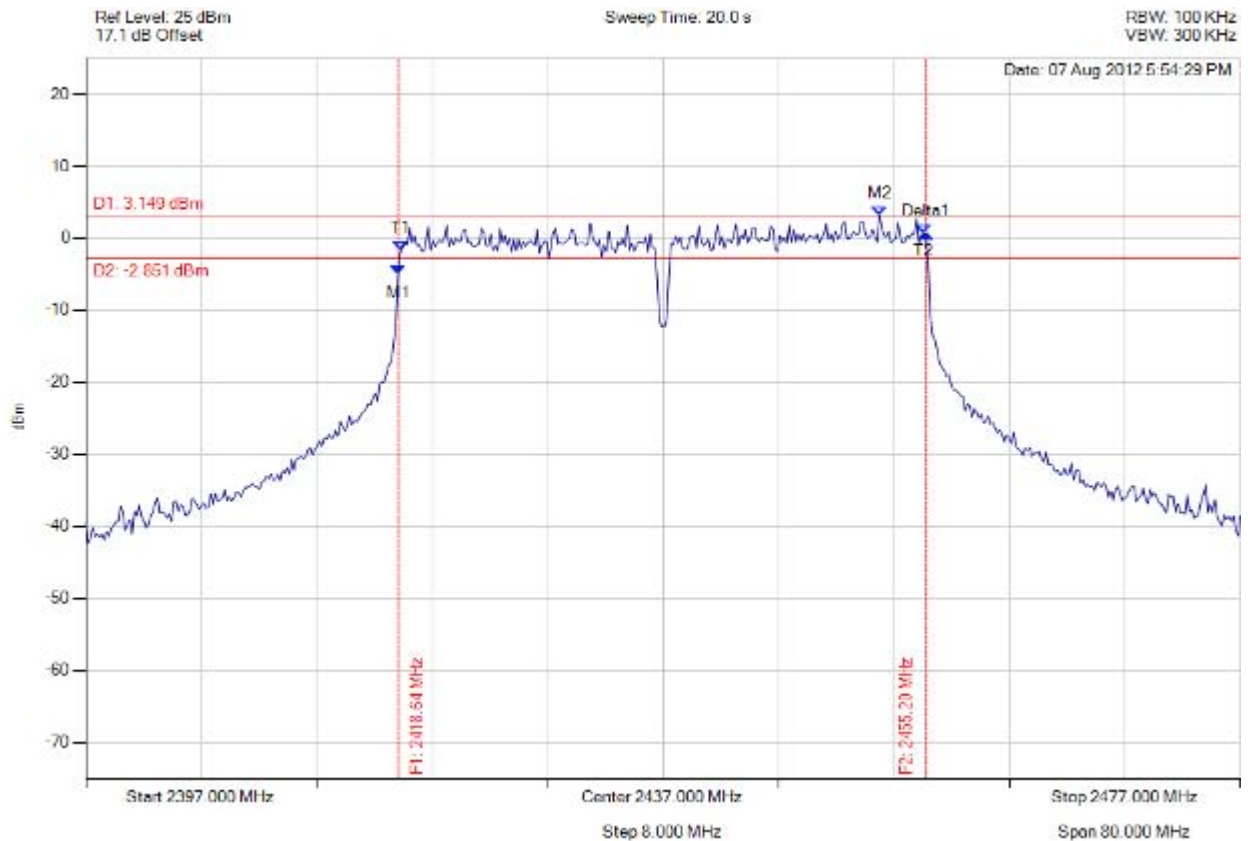


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
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**6 dB 99%**

Variant: 802.11n HT-40, Channel: 2437.00 MHz, Chain C, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2418.643 MHz : -5.016 dBm M2 : 2451.990 MHz : 3.149 dBm Delta1 : 36.553 MHz : 5.688 dBm T1 : 2418.804 MHz : -1.766 dBm T2 : 2455.036 MHz : 0.672 dBm OBW : 36.393 MHz	Measured 6 dB Bandwidth: 36.553 MHz Limit: 0.5 MHz Margin: -36.05 MHz

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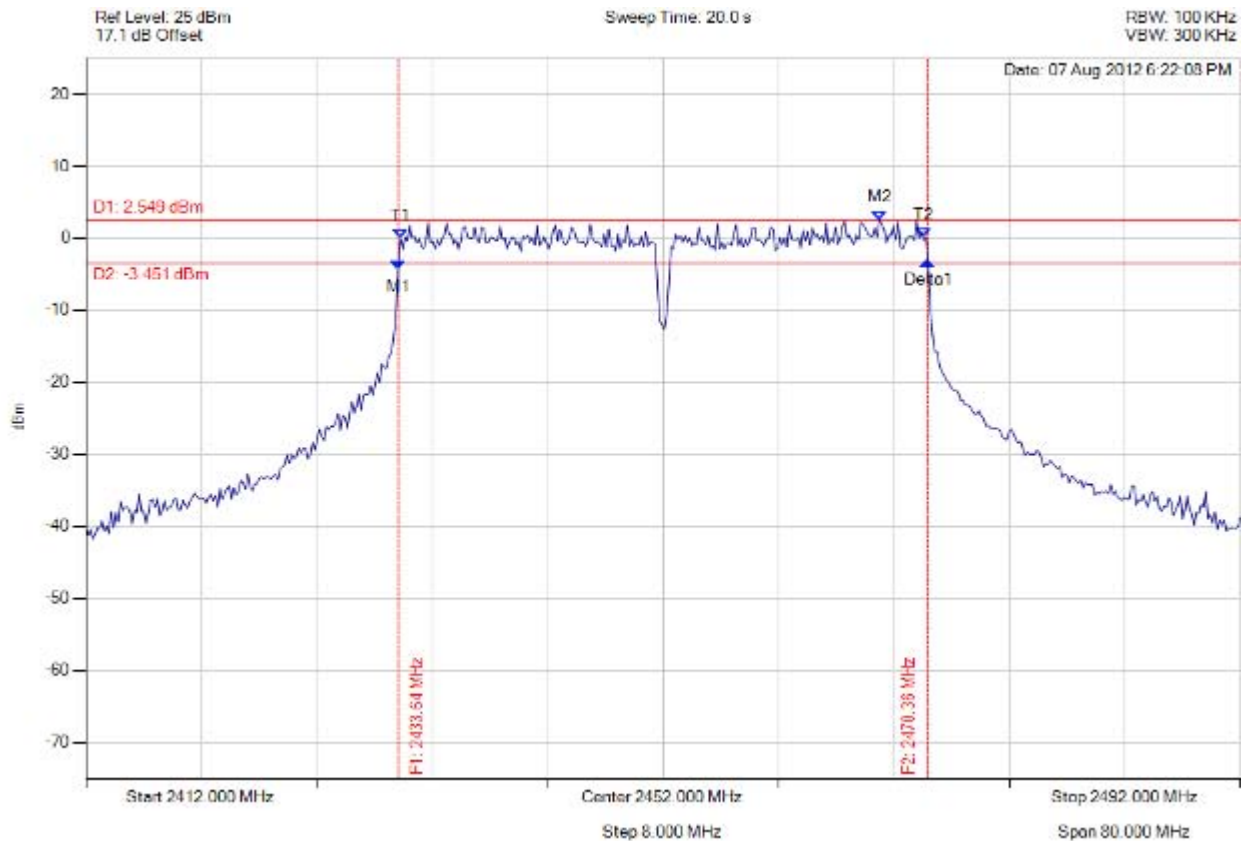


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
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**6 dB 99%**

Variant: 802.11n HT-40, Channel: 2452.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2433.643 MHz : -4.290 dBm M2 : 2466.990 MHz : 2.549 dBm Delta1 : 36.713 MHz : 1.021 dBm T1 : 2433.804 MHz : -0.094 dBm T2 : 2470.036 MHz : 0.198 dBm OBW : 36.393 MHz	Measured 6 dB Bandwidth: 36.713 MHz Limit: 0.5 MHz Margin: -36.21 MHz

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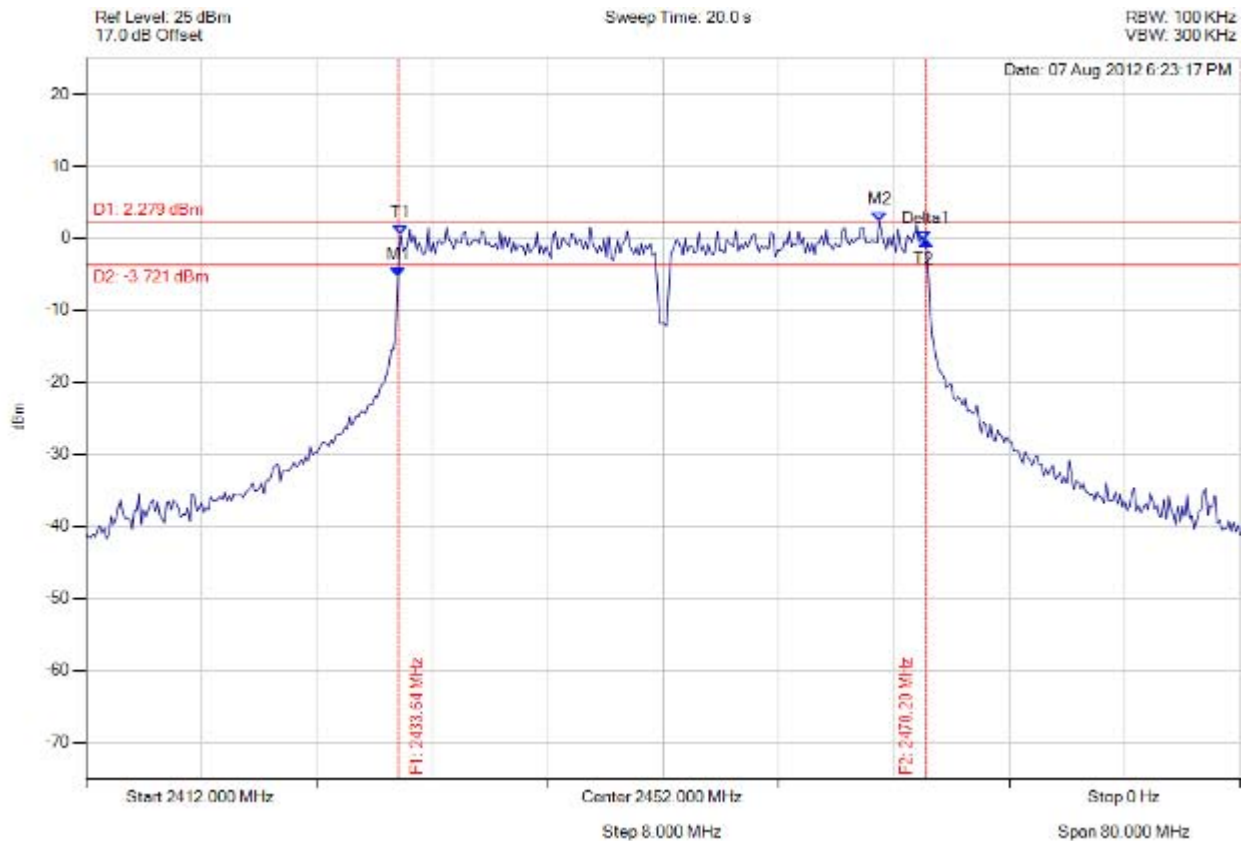


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
**Serial #:** RDWN14-U1 Rev A  
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**6 dB 99%**

Variant: 802.11n HT-40, Channel: 2452.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2433.643 MHz : -5.350 dBm M2 : 2466.990 MHz : 2.279 dBm Delta1 : 36.553 MHz : 4.962 dBm T1 : 2433.804 MHz : 0.390 dBm T2 : 2470.036 MHz : -0.387 dBm OBW : 36.393 MHz	Measured 6 dB Bandwidth: 36.553 MHz Limit: 0.5 MHz Margin: -36.05 MHz

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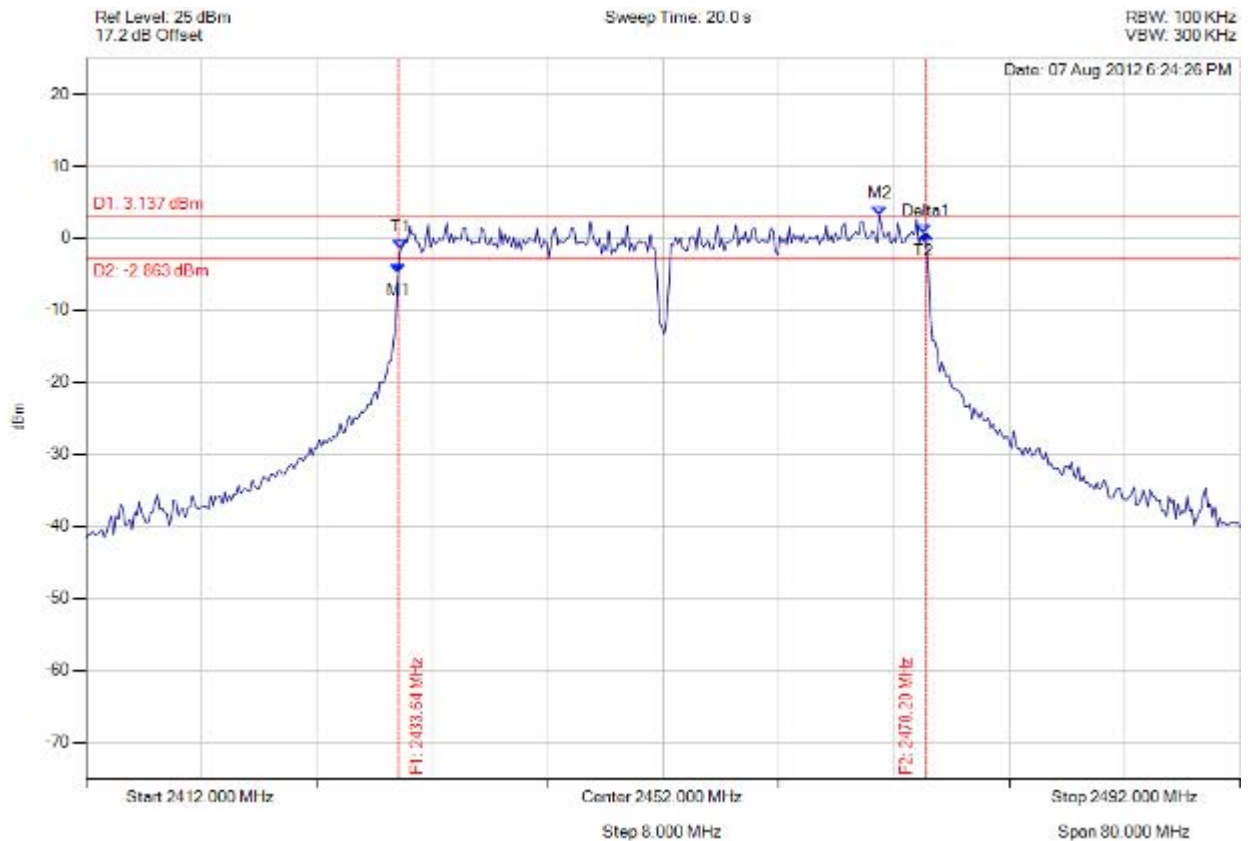


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
**Serial #:** RDWN14-U1 Rev A  
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**6 dB 99%**

Variant: 802.11n HT-40, Channel: 2452.00 MHz, Chain C, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2433.643 MHz : -4.829 dBm M2 : 2466.990 MHz : 3.137 dBm Delta1 : 36.553 MHz : 5.501 dBm T1 : 2433.804 MHz : -1.520 dBm T2 : 2470.036 MHz : 0.672 dBm OBW : 36.393 MHz	Measured 6 dB Bandwidth: 36.553 MHz Limit: 0.5 MHz Margin: -36.05 MHz

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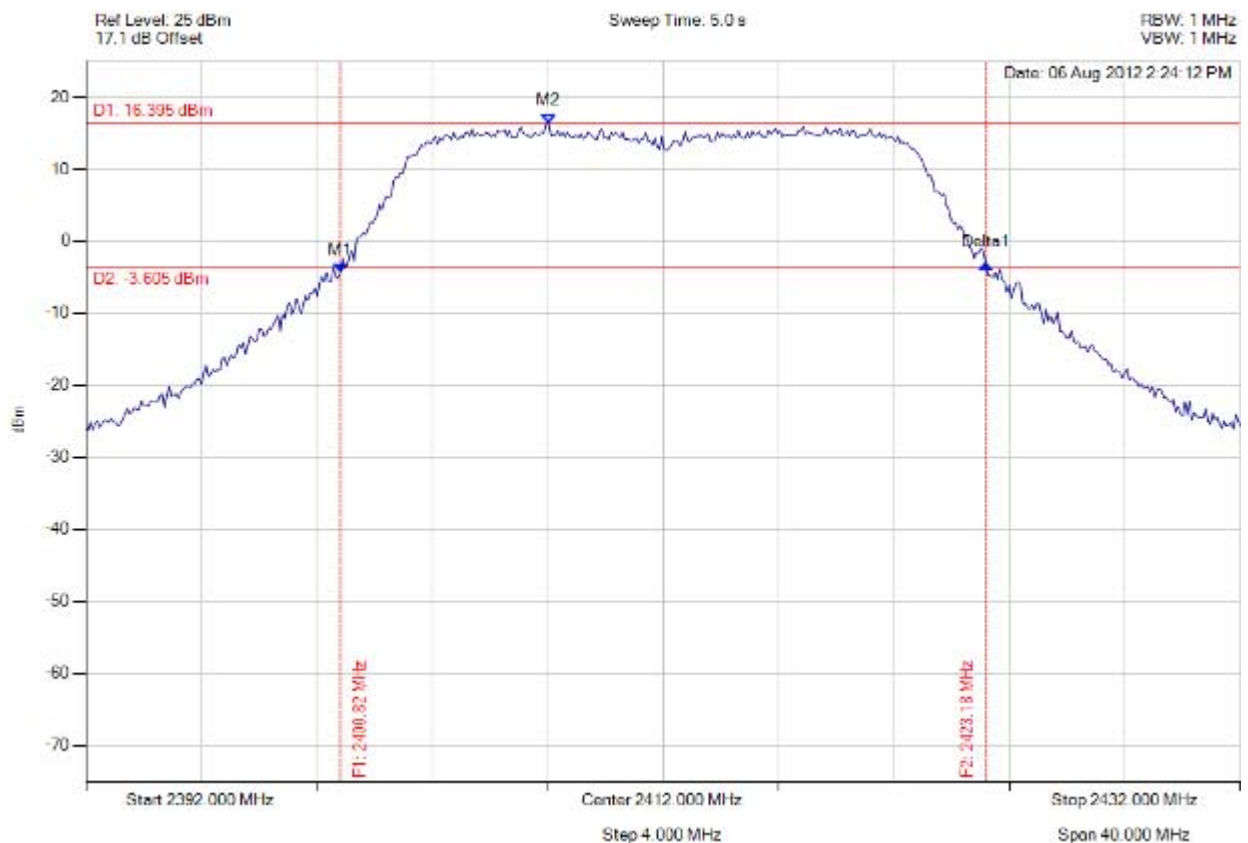
**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
**Serial #:** RDWN14-U1 Rev A  
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### A.1.2. Peak Output Power



#### peak output power

Variant: 802.11n HT-20, Channel: 2412.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2400.818 MHz : -4.345 dBm M2 : 2408.032 MHz : 16.395 dBm Delta1 : 22.365 MHz : 1.080 dBm	Channel Power: 26.650 Limit: 26.990 dBm Margin: -0.34 dB

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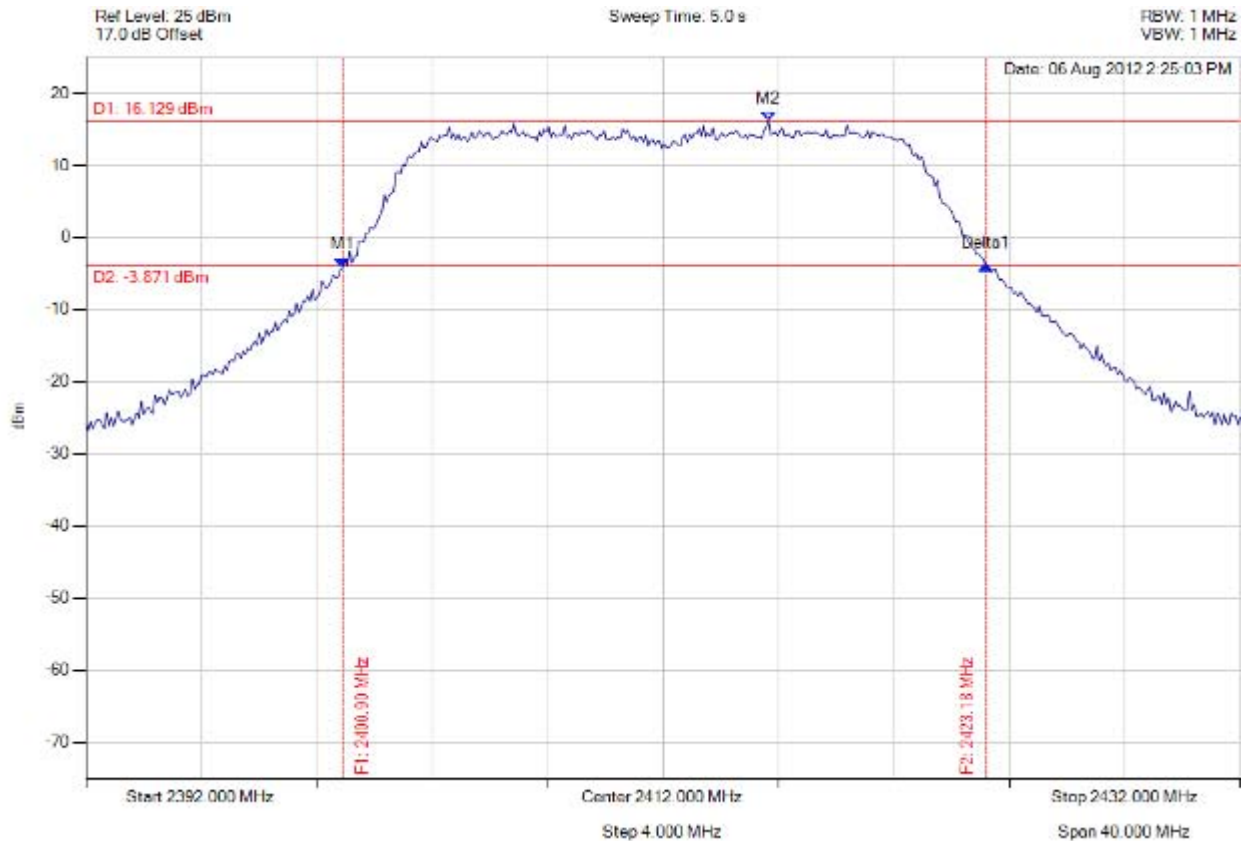


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
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#### peak output power

Variant: 802.11n HT-20, Channel: 2412.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2400.898 MHz : -4.121 dBm M2 : 2415.647 MHz : 16.129 dBm Delta1 : 22.285 MHz : 0.309 dBm	Channel Power: 26.138 Limit: 26.990 dBm Margin: -0.85 dB

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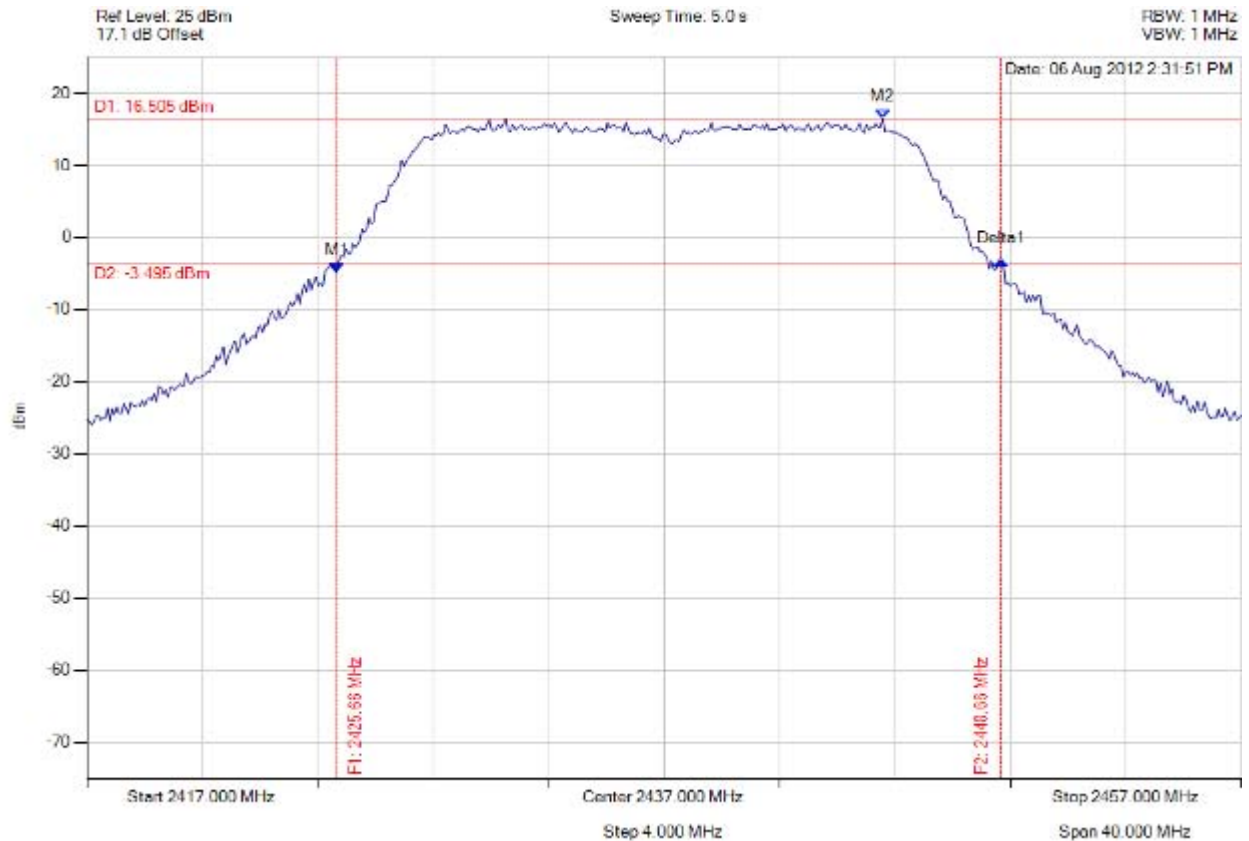


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
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### peak output power

Variant: 802.11n HT-20, Channel: 2437.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2425.657 MHz : -4.941 dBm M2 : 2444.575 MHz : 16.505 dBm Delta1 : 23.006 MHz : 1.688 dBm	Channel Power: 26.993 Limit: 26.990 dBm Margin: 0.00 dB

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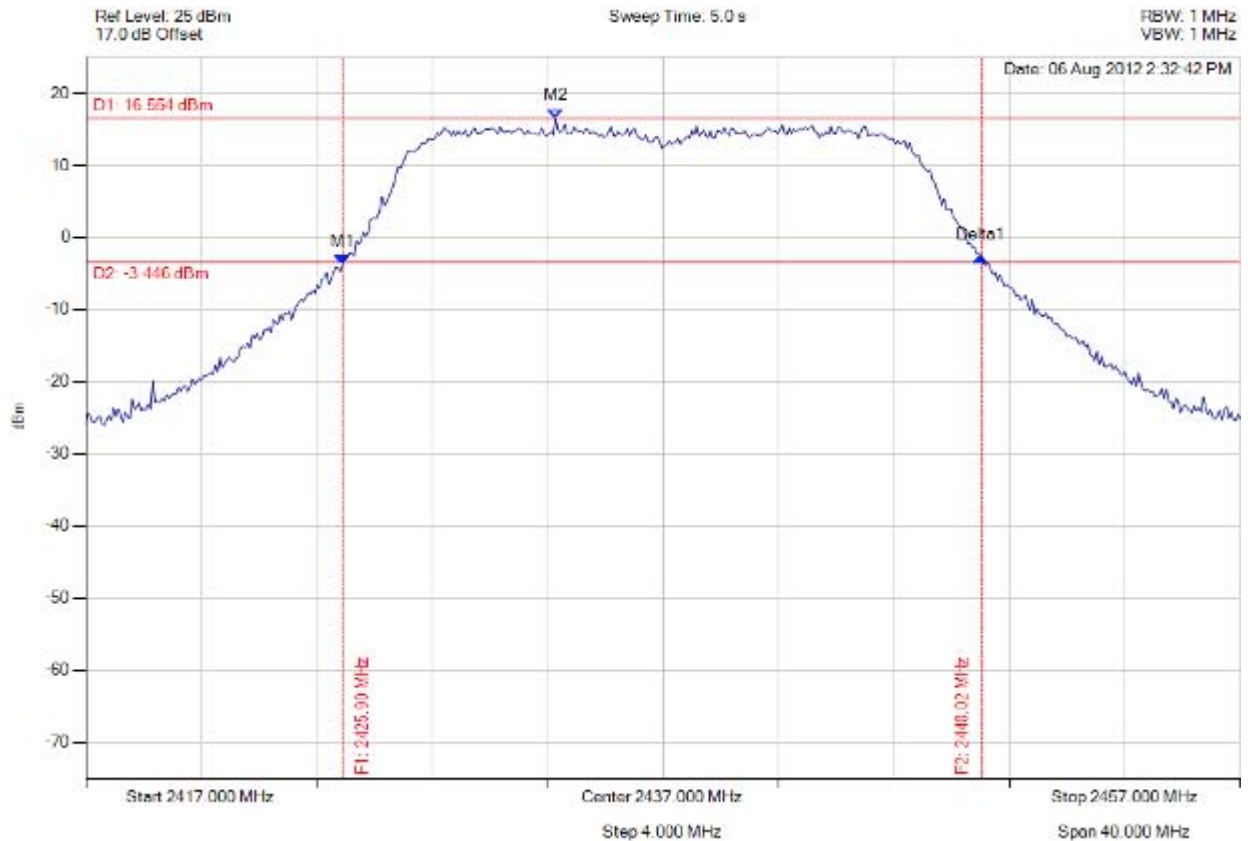


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
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#### peak output power

Variant: 802.11n HT-20, Channel: 2437.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2425.898 MHz : -3.700 dBm M2 : 2433.273 MHz : 16.554 dBm Delta1 : 22.124 MHz : 1.051 dBm	Channel Power: 26.438 Limit: 26.990 dBm Margin: -0.55 dB

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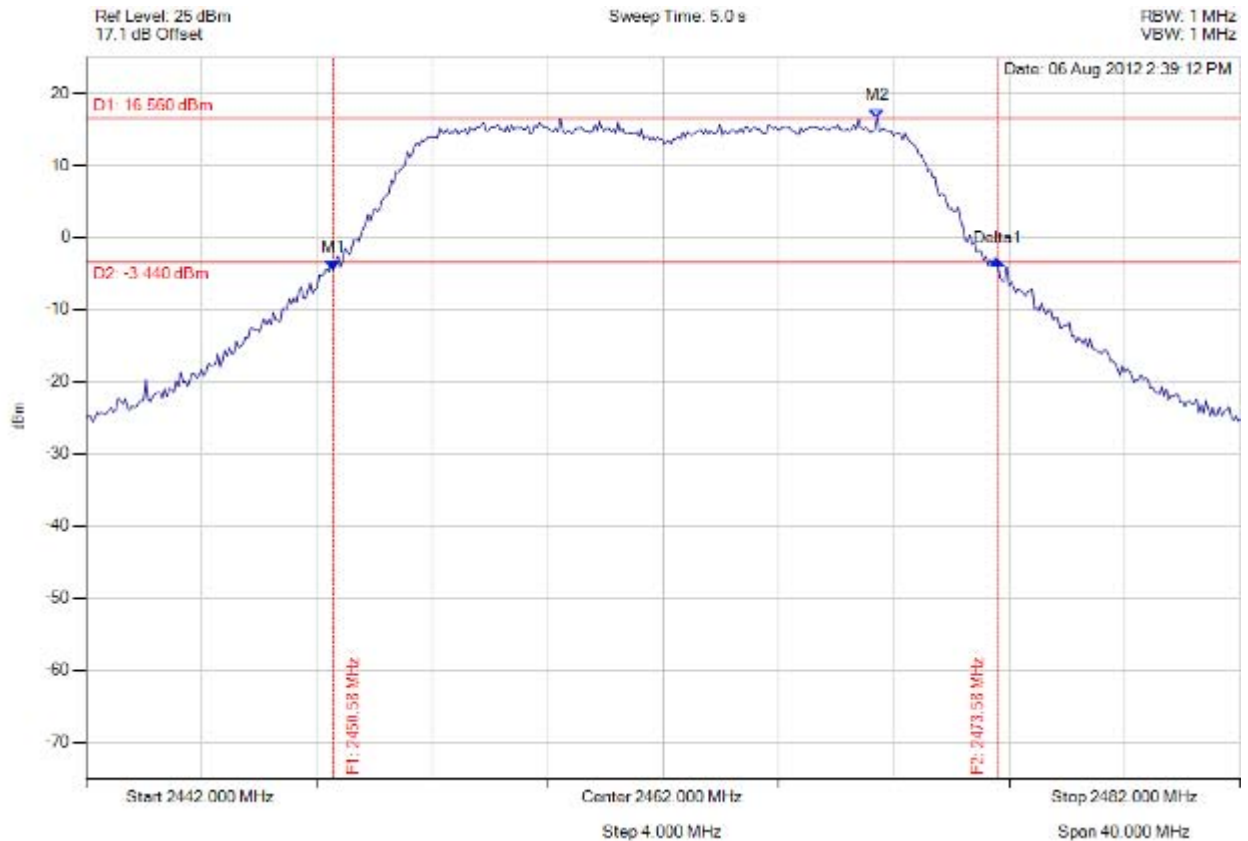


**Title:** AP0127450, AP0127460  
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#### peak output power

Variant: 802.11n HT-20, Channel: 2462.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2450.577 MHz : -4.526 dBm M2 : 2469.415 MHz : 16.560 dBm Delta1 : 23.006 MHz : 1.340 dBm	Channel Power: 26.825 Limit: 26.990 dBm Margin: -0.16 dB

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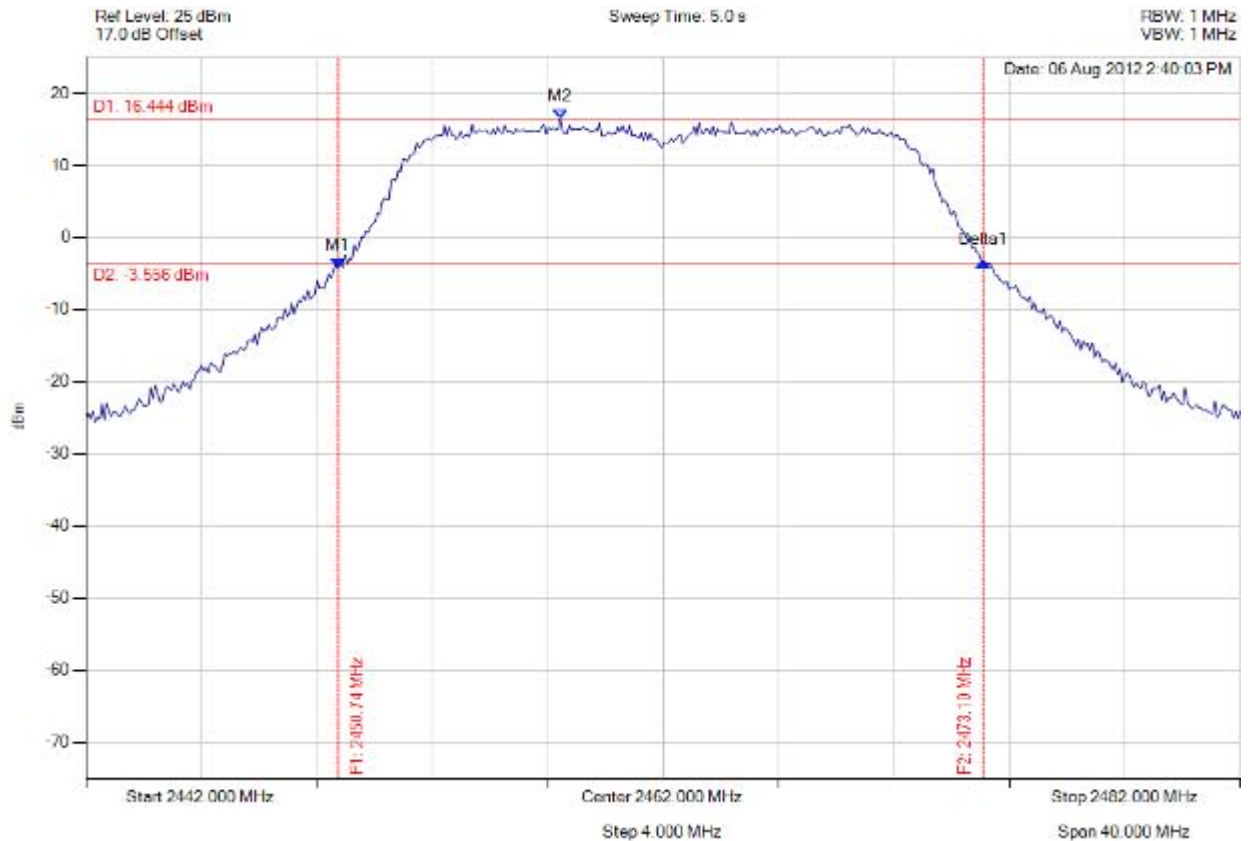


**Title:** AP0127450, AP0127460  
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#### peak output power

Variant: 802.11n HT-20, Channel: 2462.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2450.737 MHz : -4.235 dBm M2 : 2458.433 MHz : 16.444 dBm Delta1 : 22.365 MHz : 0.858 dBm	Channel Power: 26.576 Limit: 26.990 dBm Margin: -0.41 dB

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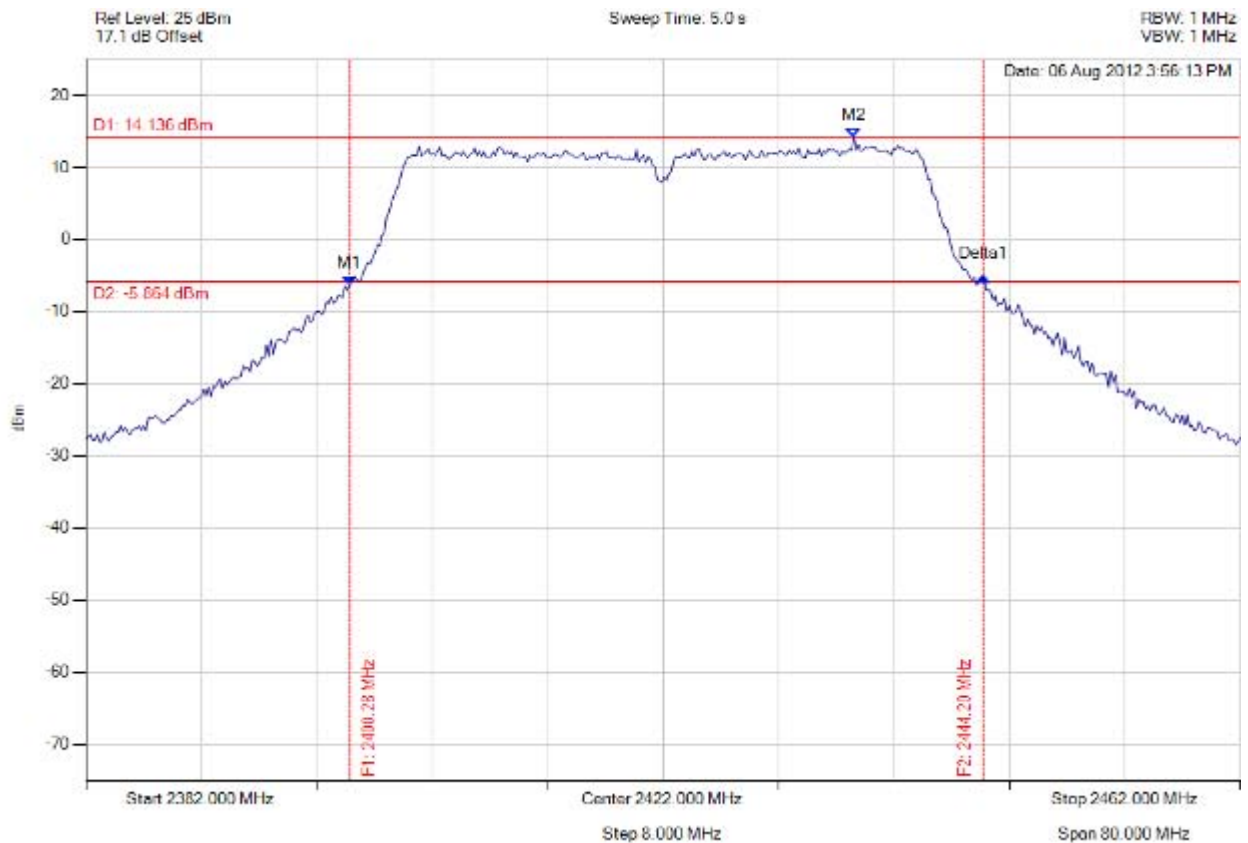


**Title:** AP0127450, AP0127460  
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**peak output power**

Variant: 802.11n HT-40, Channel: 2422.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2400.277 MHz : -6.397 dBm M2 : 2435.226 MHz : 14.136 dBm Delta1 : 2439.928 MHz : 1.271 dBm	Channel Power: 26.941 Limit: 26.990 dBm Margin: -0.05 dB

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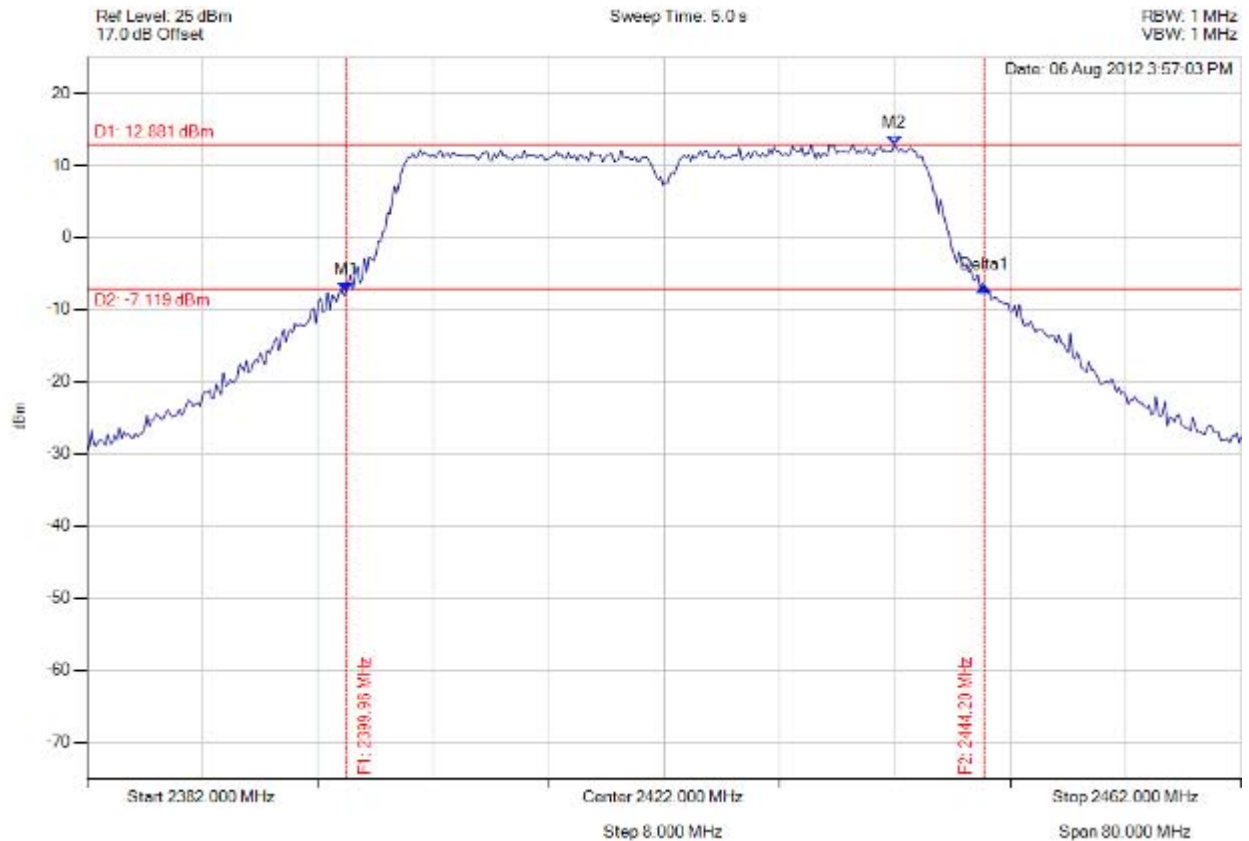


**Title:** AP0127450, AP0127460  
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#### peak output power

Variant: 802.11n HT-40, Channel: 2422.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2399.956 MHz : -7.587 dBm M2 : 2437.952 MHz : 12.881 dBm Delta1 : 44.248 MHz : 0.710 dBm	Channel Power: 26.573 Limit: 26.990 dBm Margin: -0.42 dB

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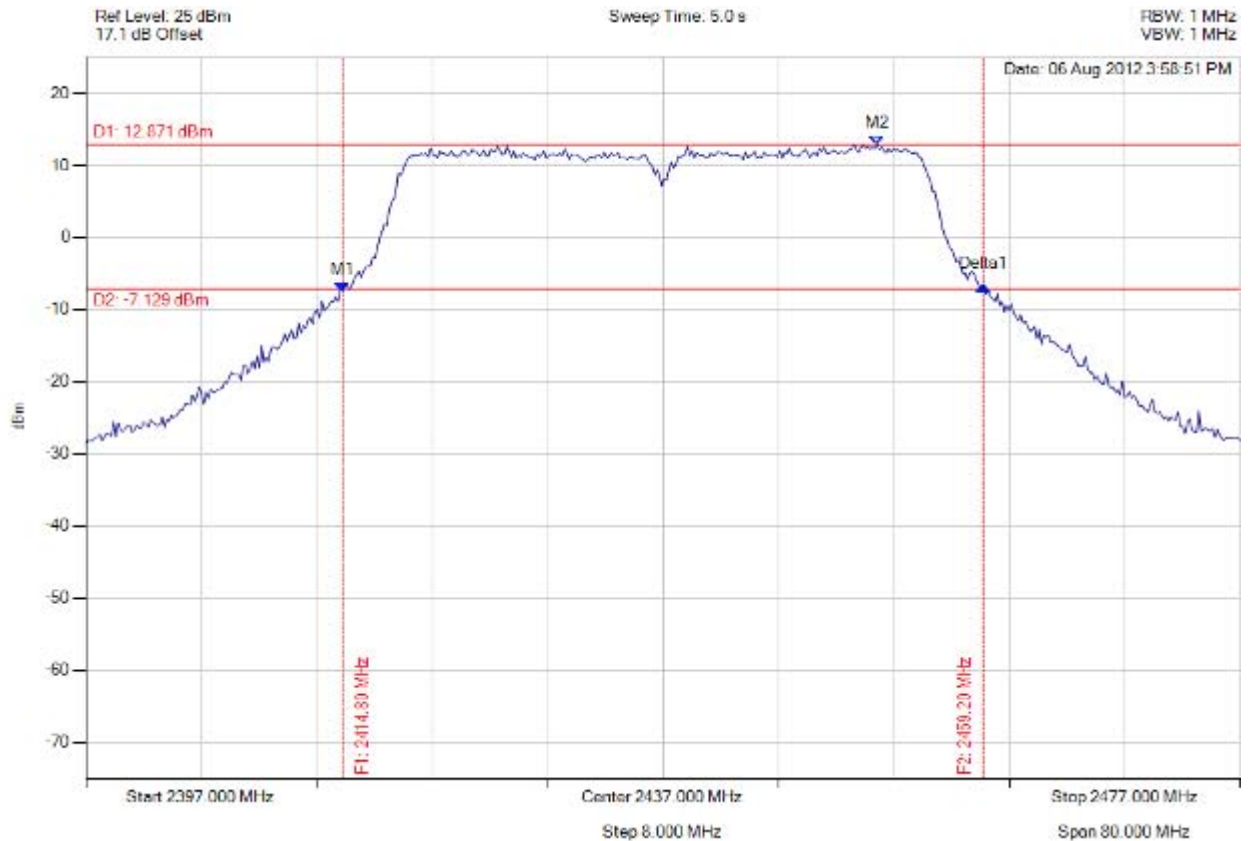


**Title:** AP0127450, AP0127460  
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**peak output power**

Variant: 802.11n HT-40, Channel: 2437.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2414.796 MHz : -7.499 dBm M2 : 2451.830 MHz : 12.871 dBm Delta1 : 44.409 MHz : 0.813 dBm	Channel Power: 26.660 Limit: 26.990 dBm Margin: -0.33 dB

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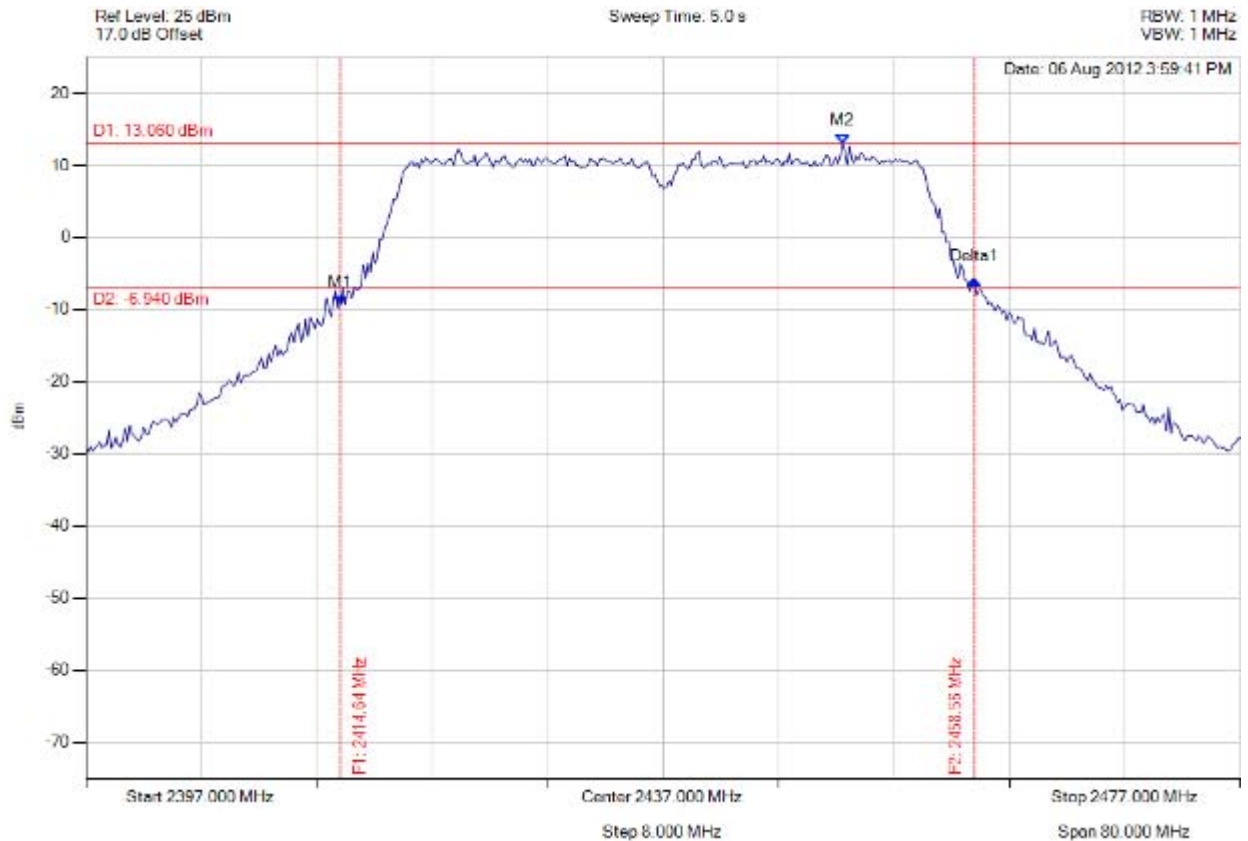


**Title:** AP0127450, AP0127460  
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#### peak output power

Variant: 802.11n HT-40, Channel: 2437.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2414.635 MHz : -9.395 dBm M2 : 2449.425 MHz : 13.060 dBm Delta1 : 43.928 MHz : 3.606 dBm	Channel Power: 25.613 Limit: 26.990 dBm Margin: -1.38 dB

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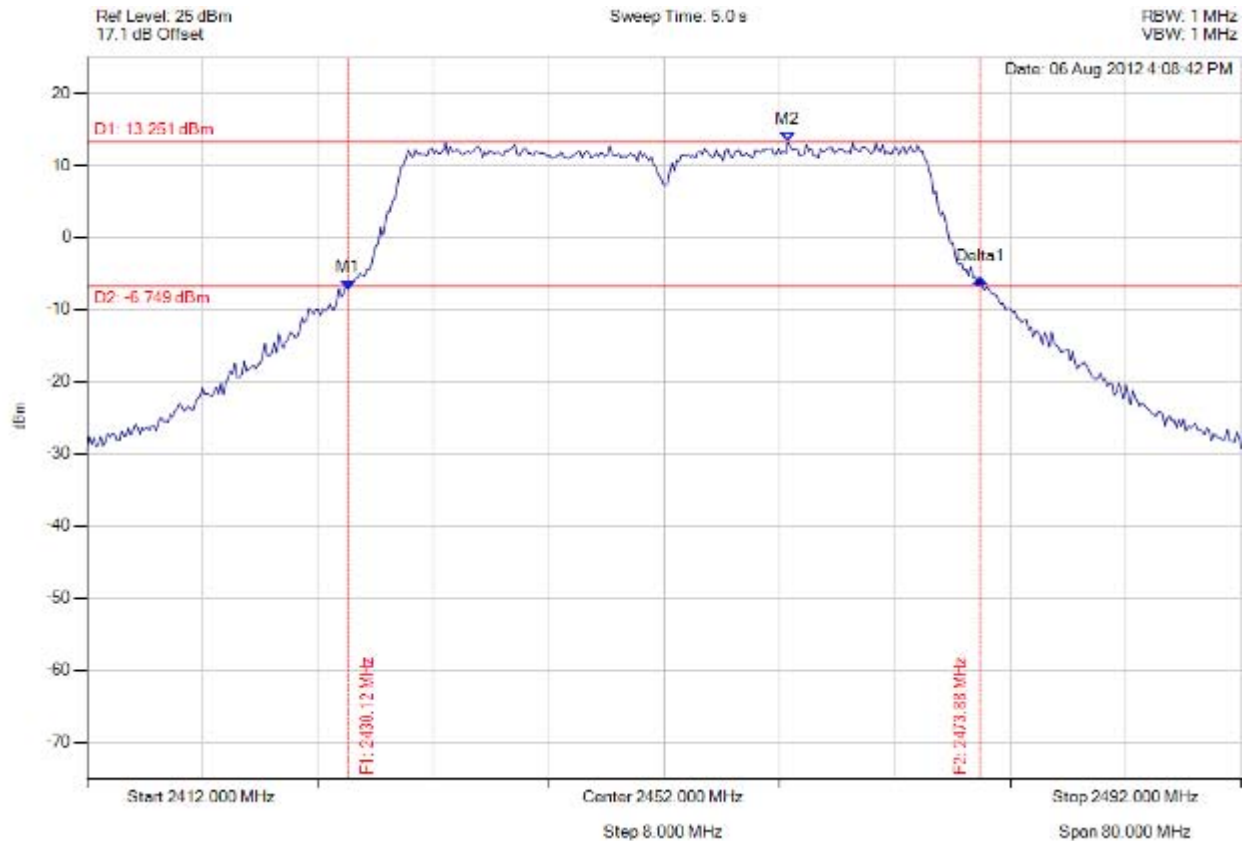


**Title:** AP0127450, AP0127460  
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#### peak output power

Variant: 802.11n HT-40, Channel: 2452.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2430.116 MHz : -7.131 dBm M2 : 2460.577 MHz : 13.251 dBm Delta1 : 2437.68 MHz : 1.464 dBm	Channel Power: 26.864 Limit: 26.990 dBm Margin: -0.13 dB

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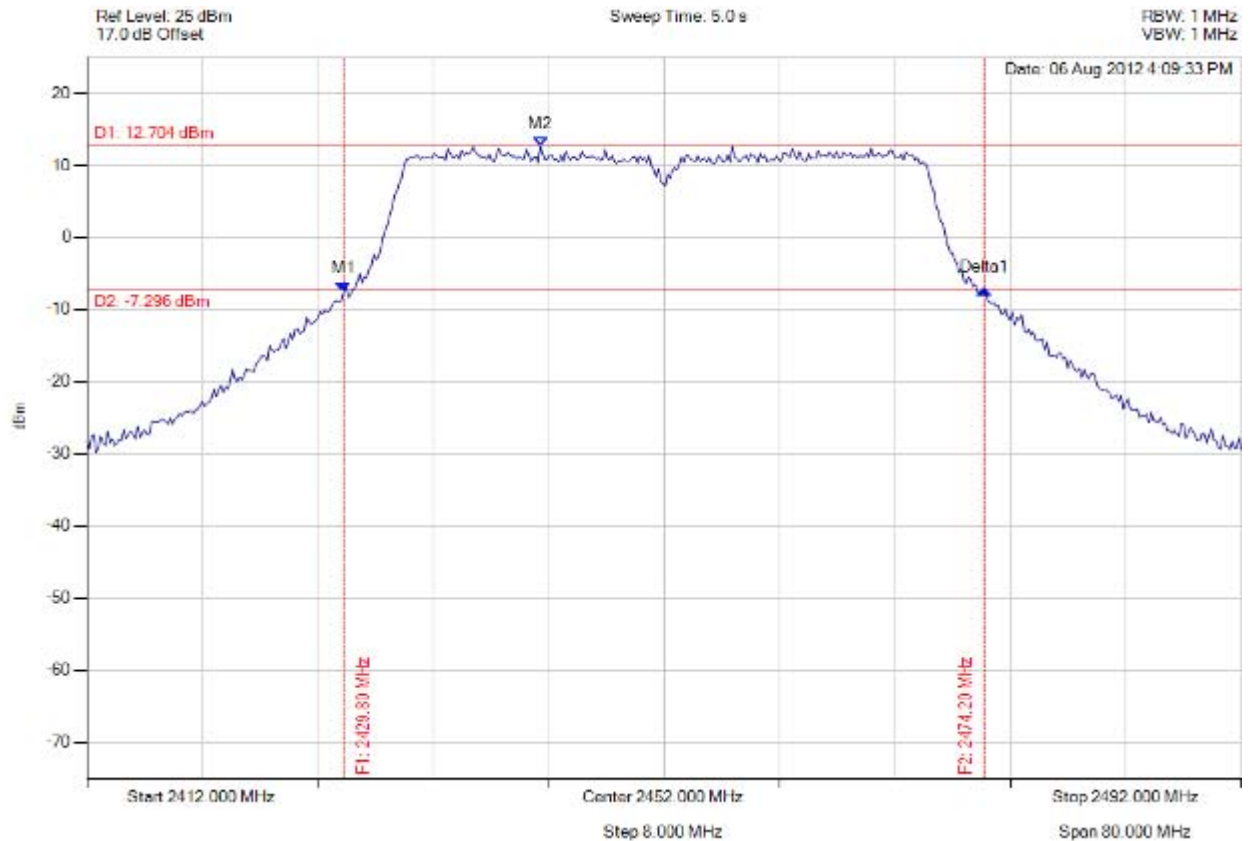


**Title:** AP0127450, AP0127460  
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### peak output power

Variant: 802.11n HT-40, Channel: 2452.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2429.796 MHz : -7.450 dBm M2 : 2443.423 MHz : 12.704 dBm Delta1 : 44.409 MHz : 0.250 dBm	Channel Power: 26.254 Limit: 26.990 dBm Margin: -0.74 dB

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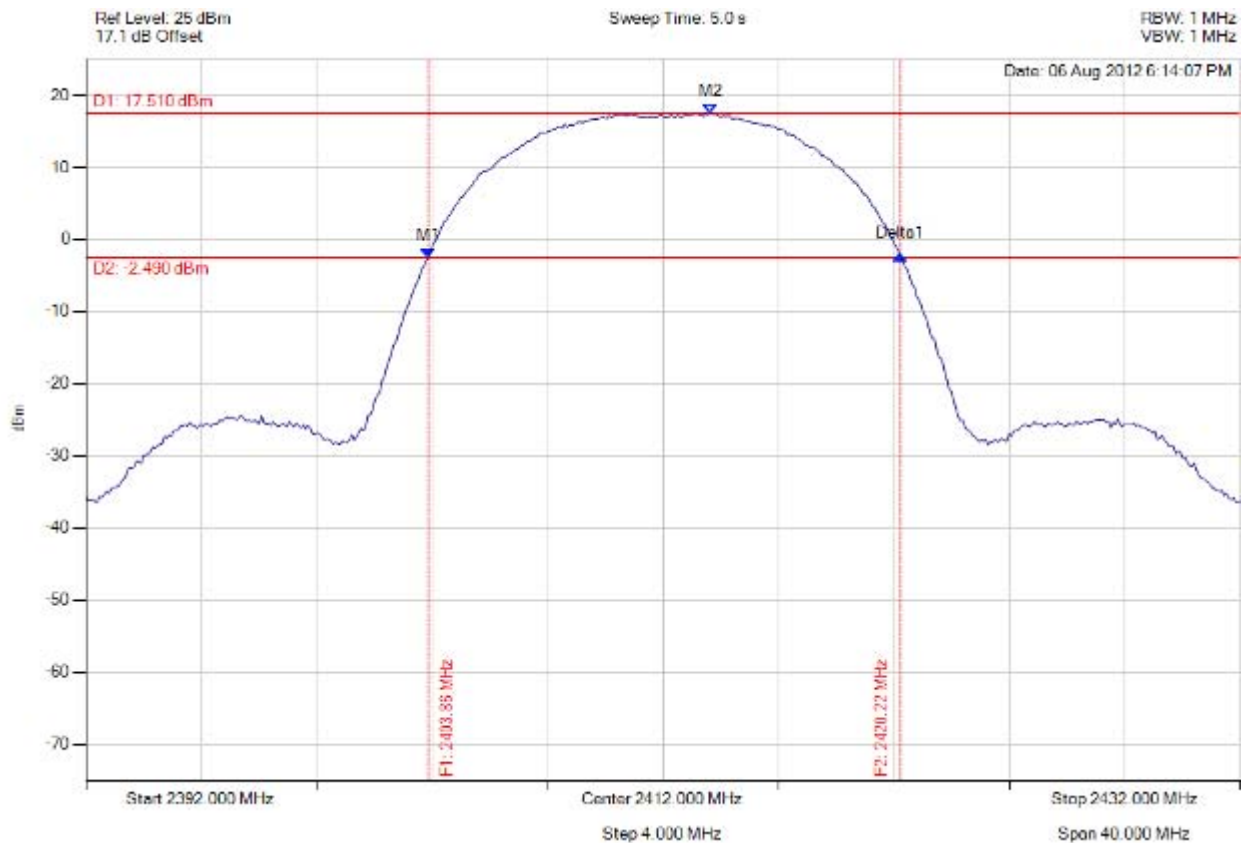


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**peak output power**

Variant: 802.11b, Channel: 2412.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.864 MHz : -2.496 dBm M2 : 2413.643 MHz : 17.510 dBm Delta1 : 2416.353 MHz : 0.220 dBm	Channel Power: 26.232 Limit: 26.990 dBm Margin: -0.76 dB

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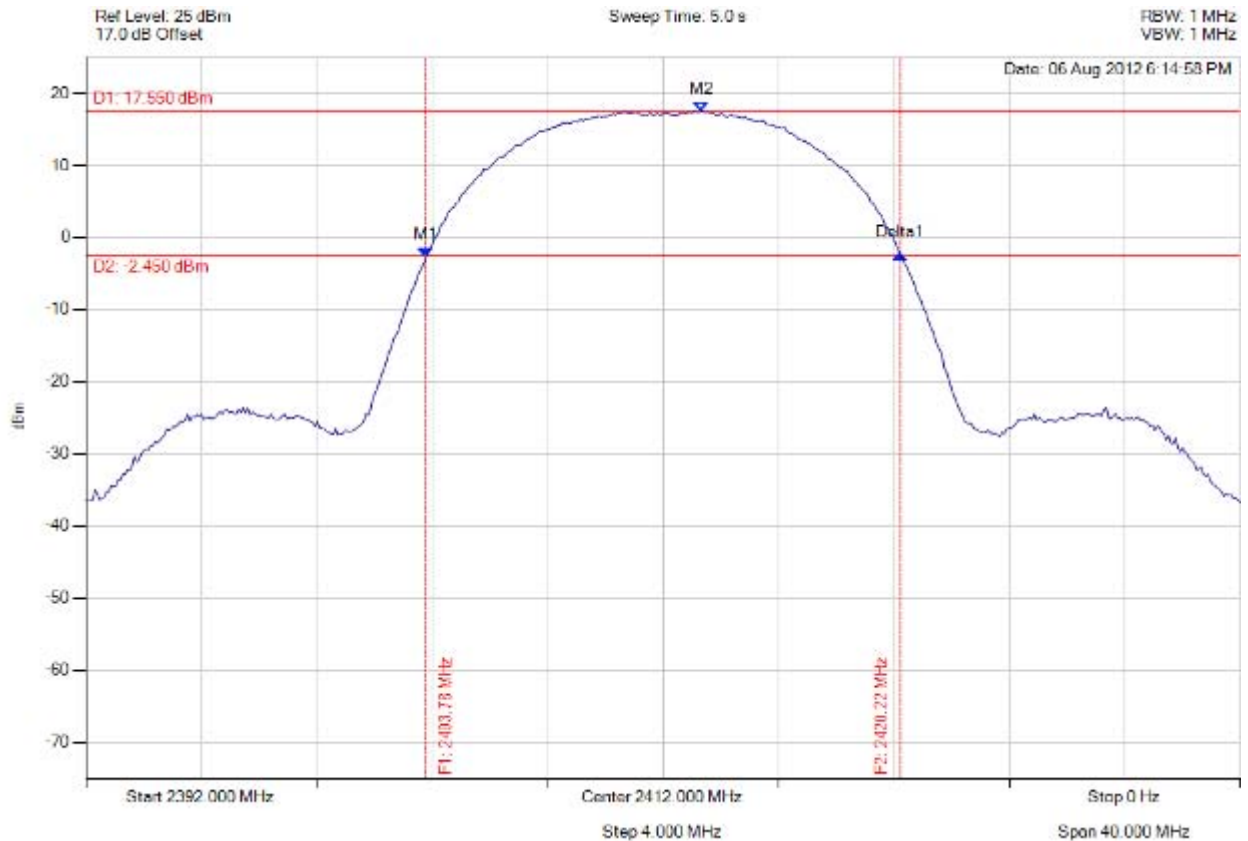


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#### peak output power

Variant: 802.11b, Channel: 2412.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.784 MHz : -2.779 dBm M2 : 2413.323 MHz : 17.550 dBm Delta1 : 2426.22 MHz : 0.423 dBm	Channel Power: 26.236 Limit: 26.990 dBm Margin: -0.75 dB

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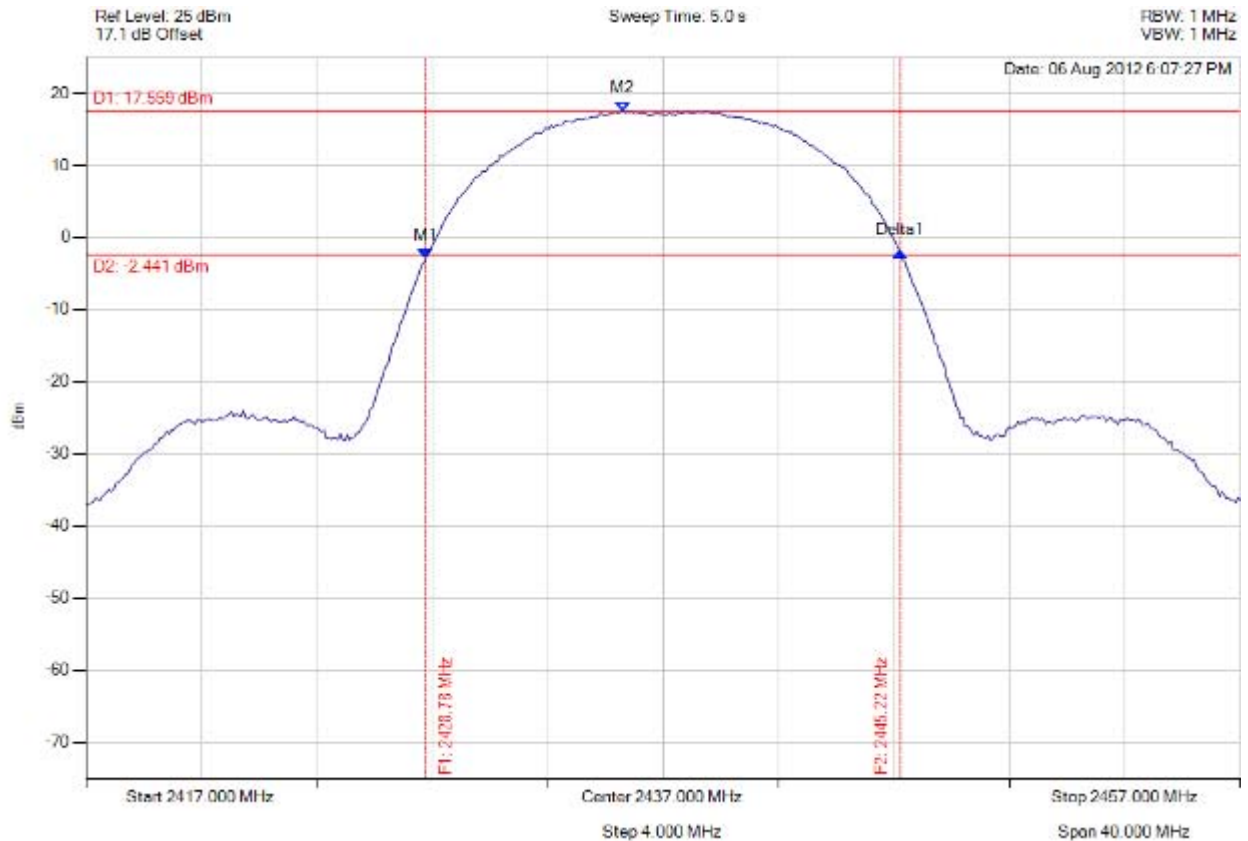


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**peak output power**

Variant: 802.11b, Channel: 2437.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2428.784 MHz : -2.822 dBm M2 : 2435.597 MHz : 17.559 dBm Delta1 : 16.433 MHz : 0.763 dBm	Channel Power: 26.281 Limit: 26.990 dBm Margin: -0.71 dB

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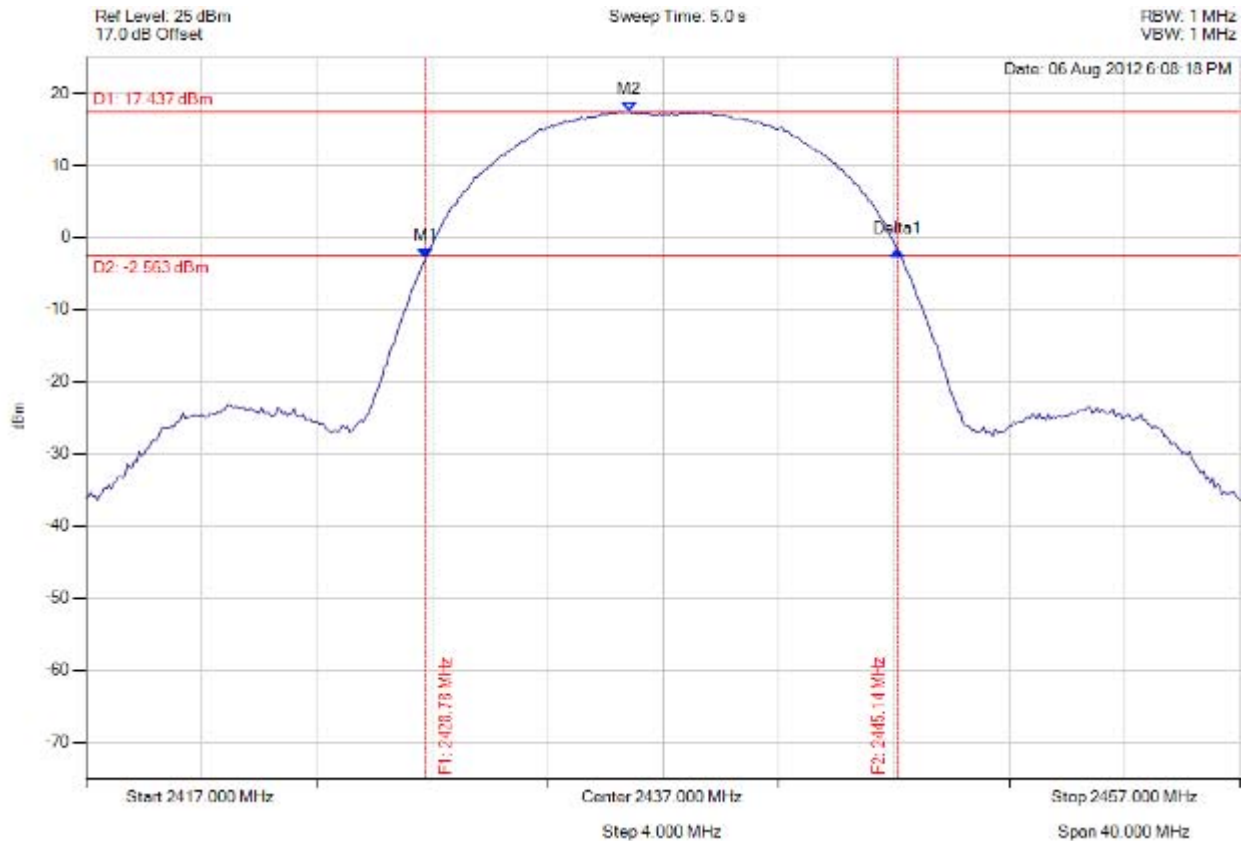


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#### peak output power

Variant: 802.11b, Channel: 2437.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2428.784 MHz : -2.824 dBm M2 : 2435.838 MHz : 17.437 dBm Delta1 : 16.353 MHz : 1.003 dBm	Channel Power: 26.232 Limit: 26.990 dBm Margin: -0.76 dB

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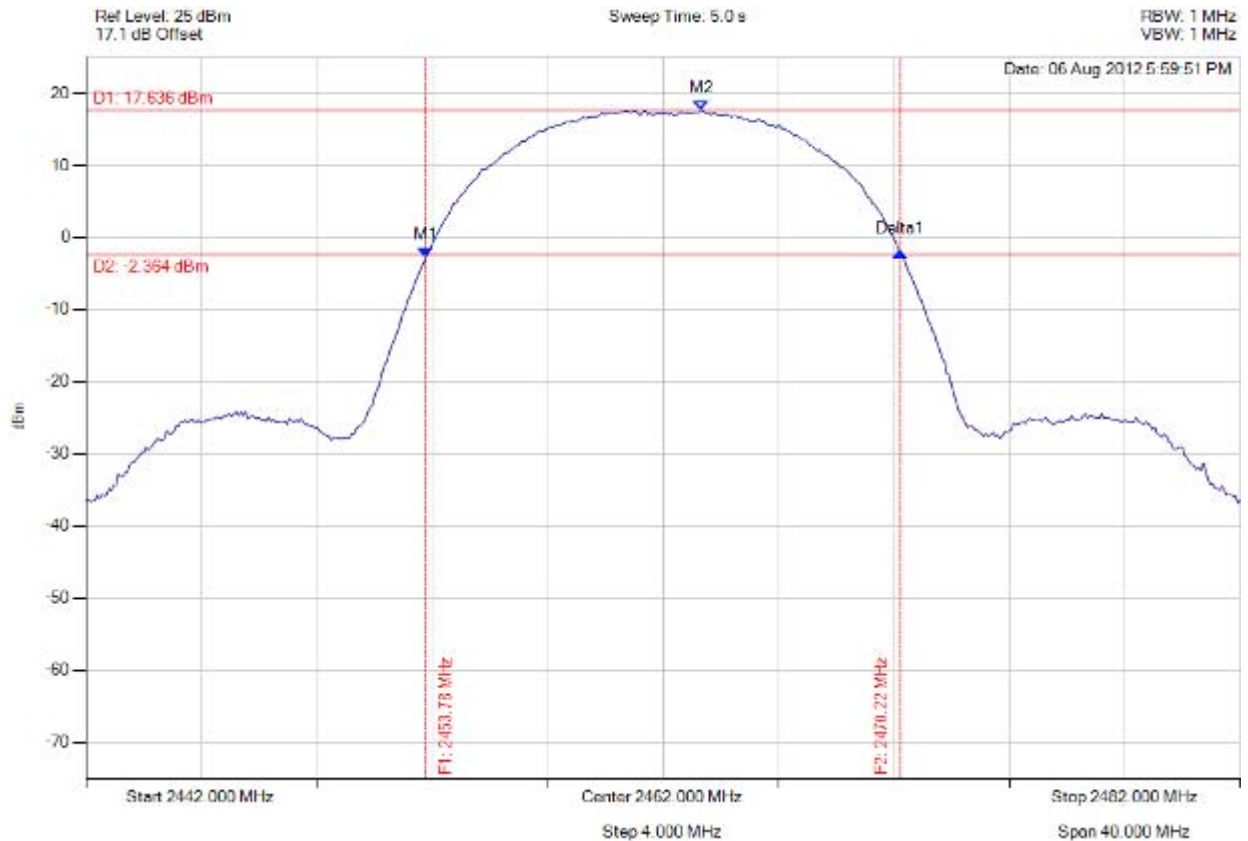


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#### peak output power

Variant: 802.11b, Channel: 2462.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2453.784 MHz : -2.736 dBm M2 : 2463.323 MHz : 17.636 dBm Delta1 : 16.433 MHz : 0.781 dBm	Channel Power: 26.315 Limit: 26.990 dBm Margin: -0.67 dB

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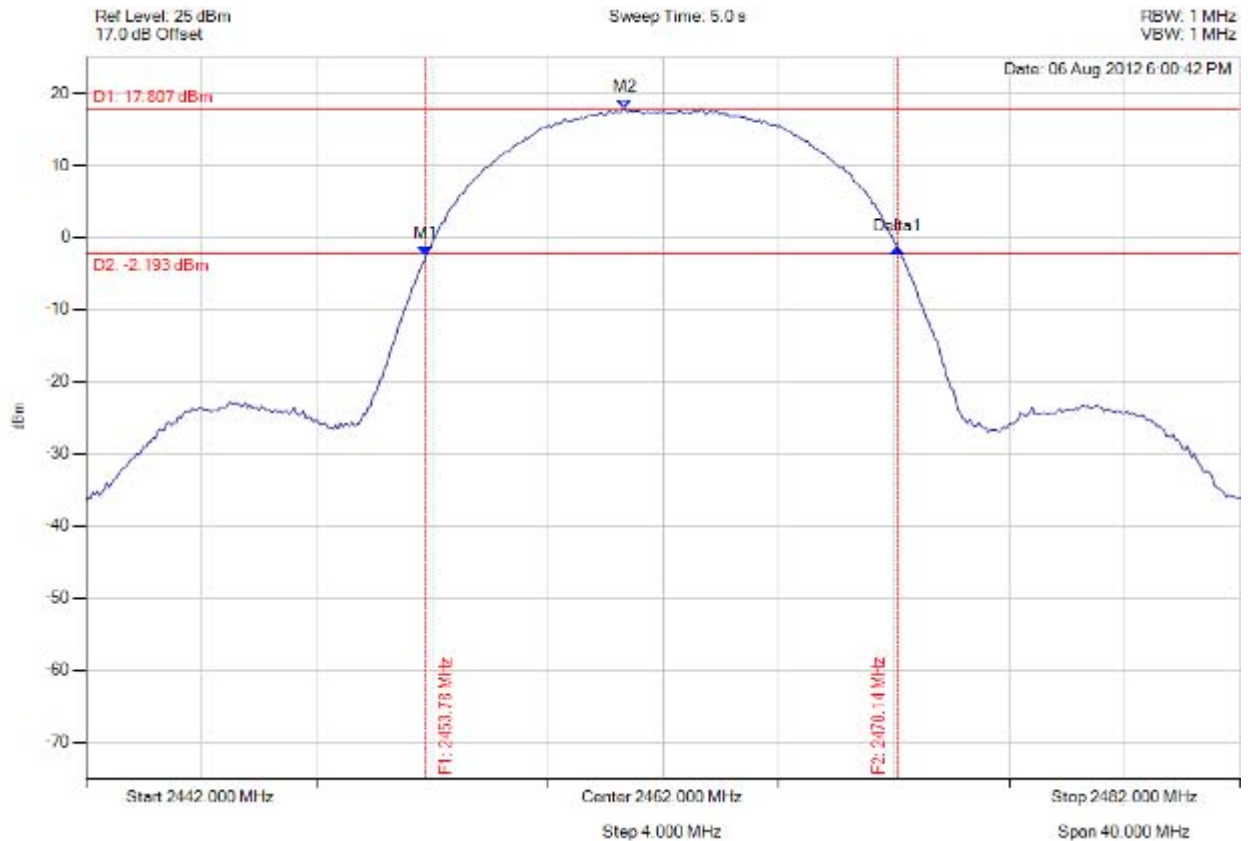


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**peak output power**

Variant: 802.11b, Channel: 2462.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2453.784 MHz : -2.588 dBm M2 : 2460.677 MHz : 17.807 dBm Delta1 : 16.353 MHz : 0.984 dBm	Channel Power: 26.424 Limit: 26.990 dBm Margin: -0.57 dB

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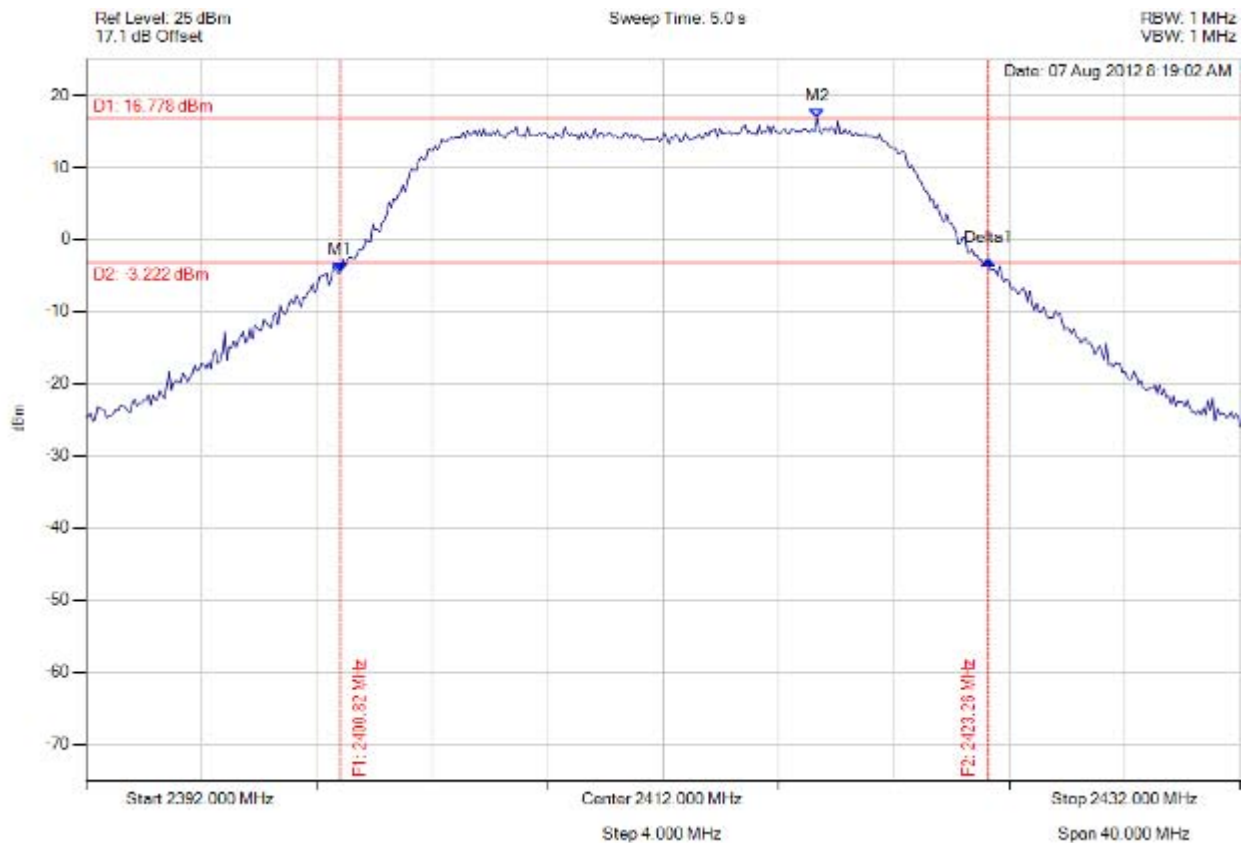


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#### peak output power

Variant: 802.11g, Channel: 2412.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2400.818 MHz : -4.465 dBm M2 : 2417.331 MHz : 16.778 dBm Delta1 : 22.445 MHz : 1.535 dBm	Channel Power: 26.360 Limit: 26.990 dBm Margin: -0.63 dB

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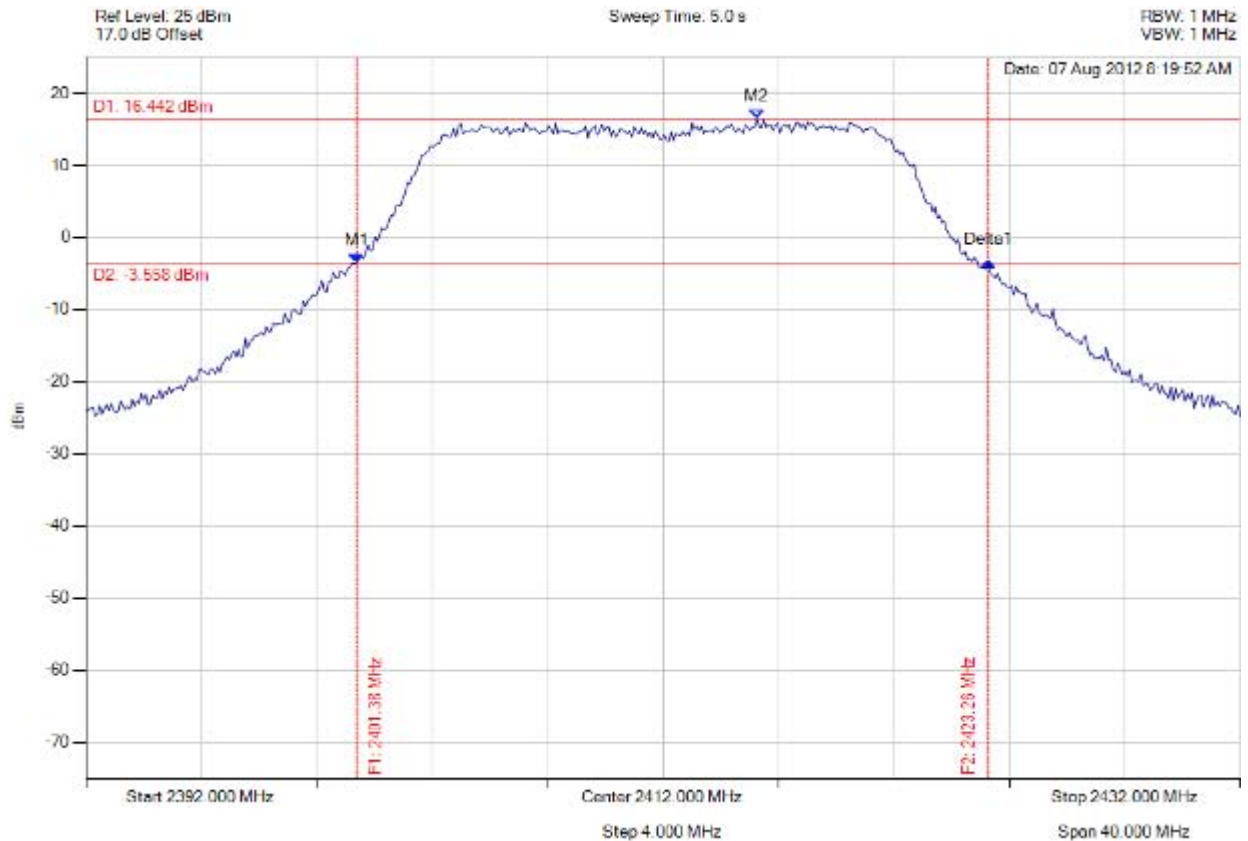


**Title:** AP0127450, AP0127460  
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#### peak output power

Variant: 802.11g, Channel: 2412.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2401.379 MHz : -3.596 dBm M2 : 2415.246 MHz : 16.442 dBm Delta1 : 21.884 MHz : 0.183 dBm	Channel Power: 26.616 Limit: 26.990 dBm Margin: -0.37 dB

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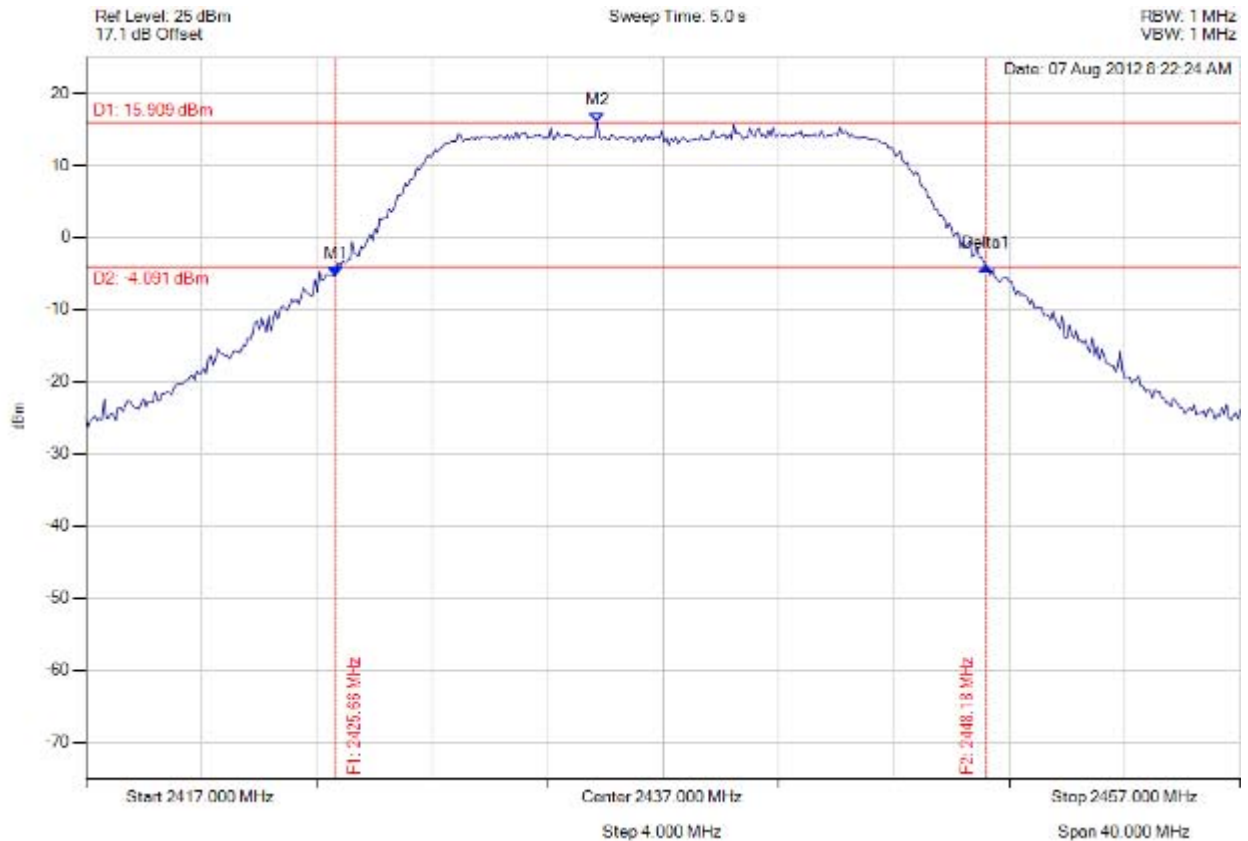


**Title:** AP0127450, AP0127460  
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#### peak output power

Variant: 802.11g, Channel: 2437.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2425.657 MHz : -5.331 dBm M2 : 2434.715 MHz : 15.909 dBm Delta1 : 22.525 MHz : 1.383 dBm	Channel Power: 25.708 Limit: 26.990 dBm Margin: -1.28 dB

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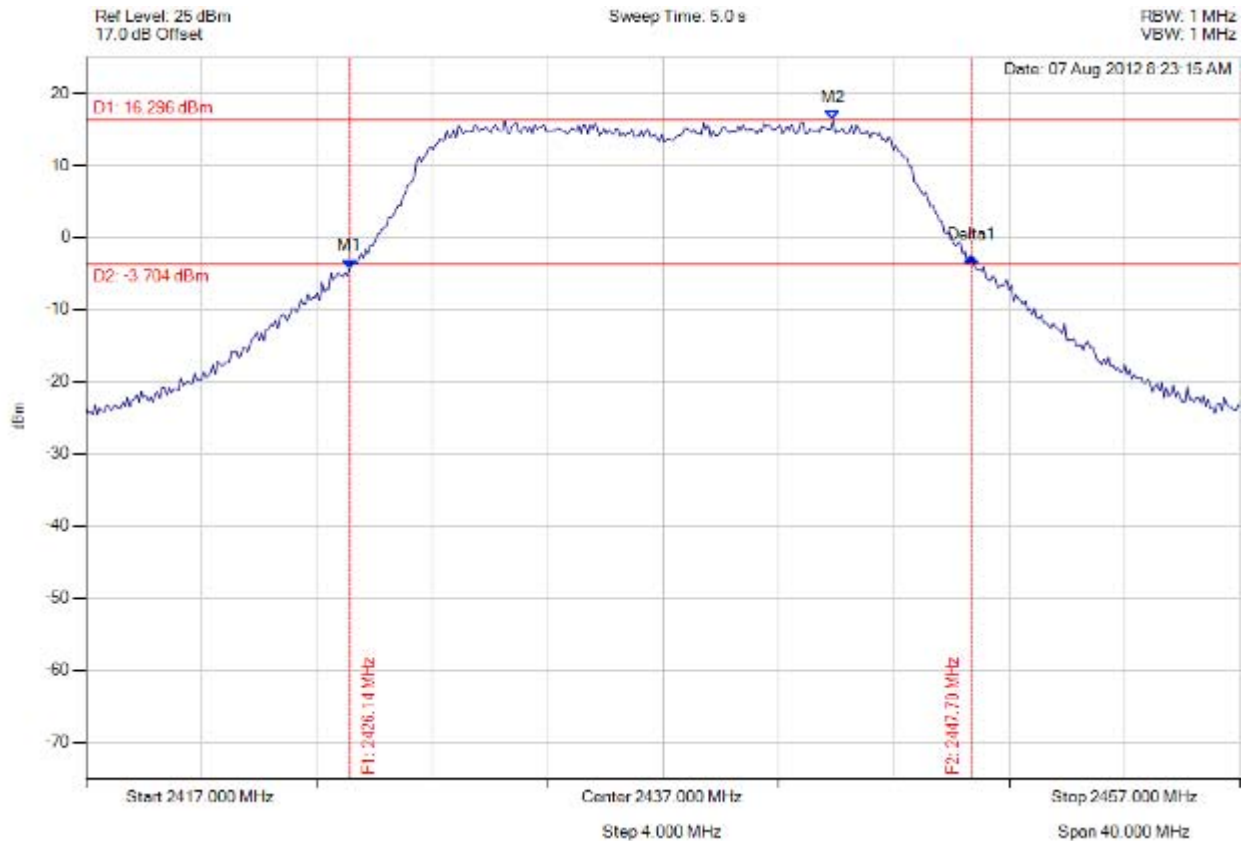


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#### peak output power

Variant: 802.11g, Channel: 2437.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2426.138 MHz : -4.286 dBm M2 : 2442.892 MHz : 16.296 dBm Delta1 : 21.563 MHz : 1.533 dBm	Channel Power: 26.491 Limit: 26.990 dBm Margin: -0.50 dB

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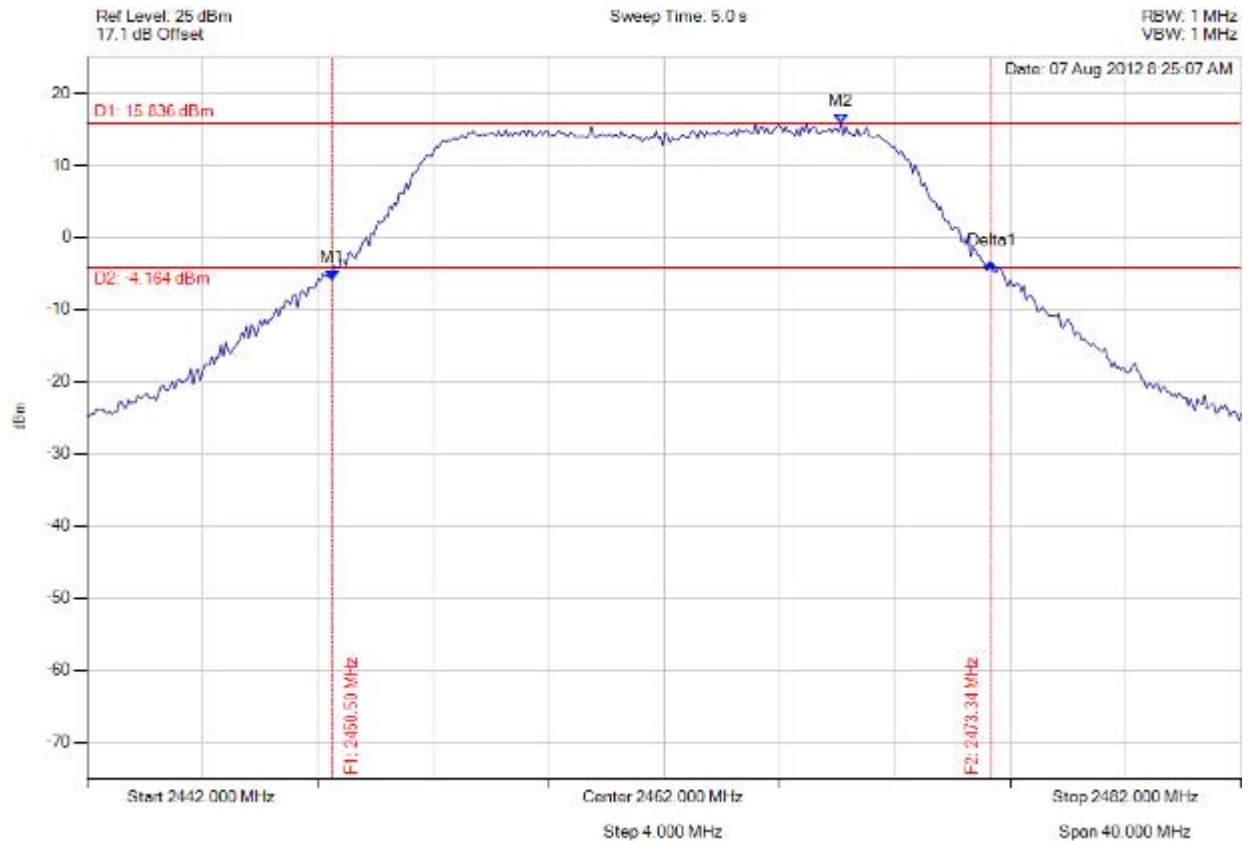


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#### peak output power

Variant: 802.11g, Channel: 2462.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2450.497 MHz : -5.813 dBm M2 : 2468.132 MHz : 15.836 dBm Delta1 : 22.846 MHz : 2.262 dBm	Channel Power: 26.096 Limit: 26.990 dBm Margin: -0.89 dB

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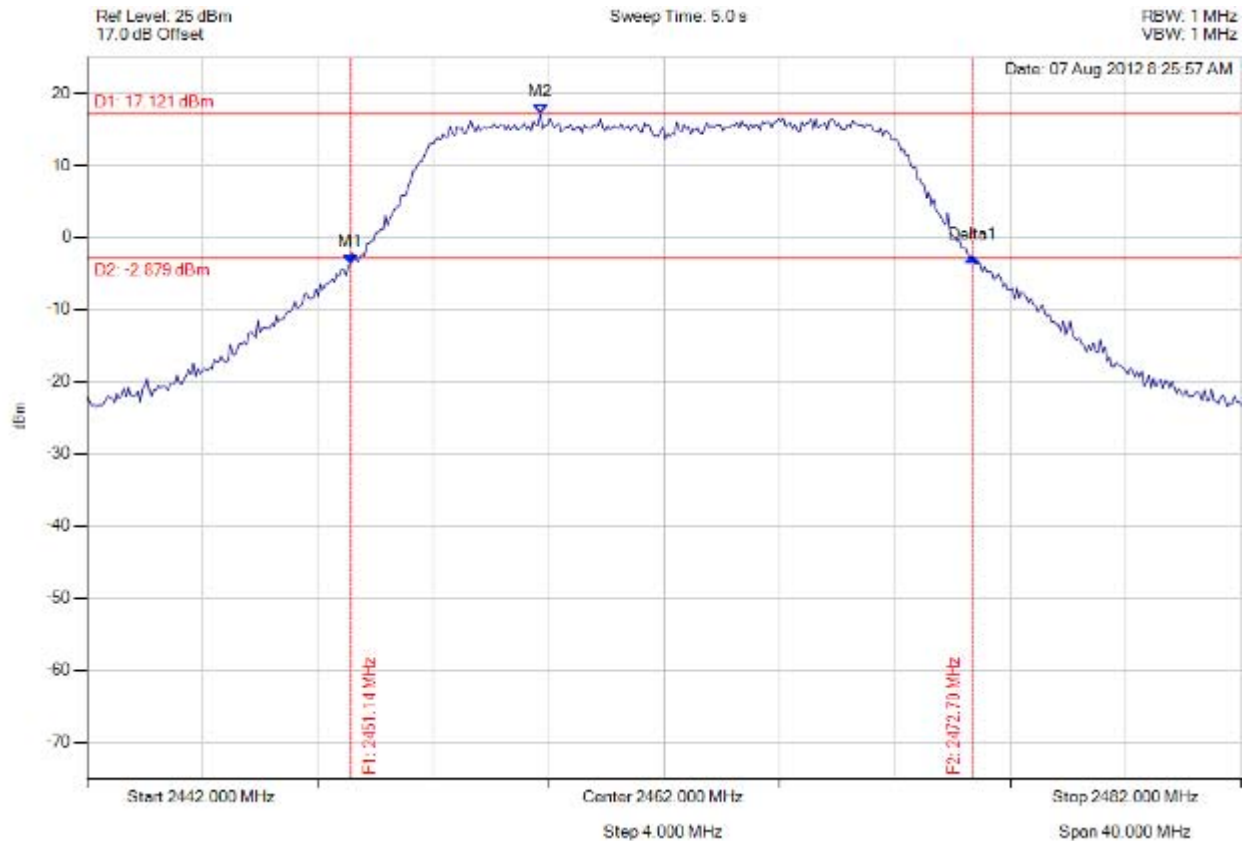


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#### peak output power

Variant: 802.11g, Channel: 2462.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2451.138 MHz : -3.694 dBm M2 : 2457.711 MHz : 17.121 dBm Delta1 : 21.563 MHz : 0.936 dBm	Channel Power: 27.024 Limit: 26.990 dBm Margin: 0.03 dB

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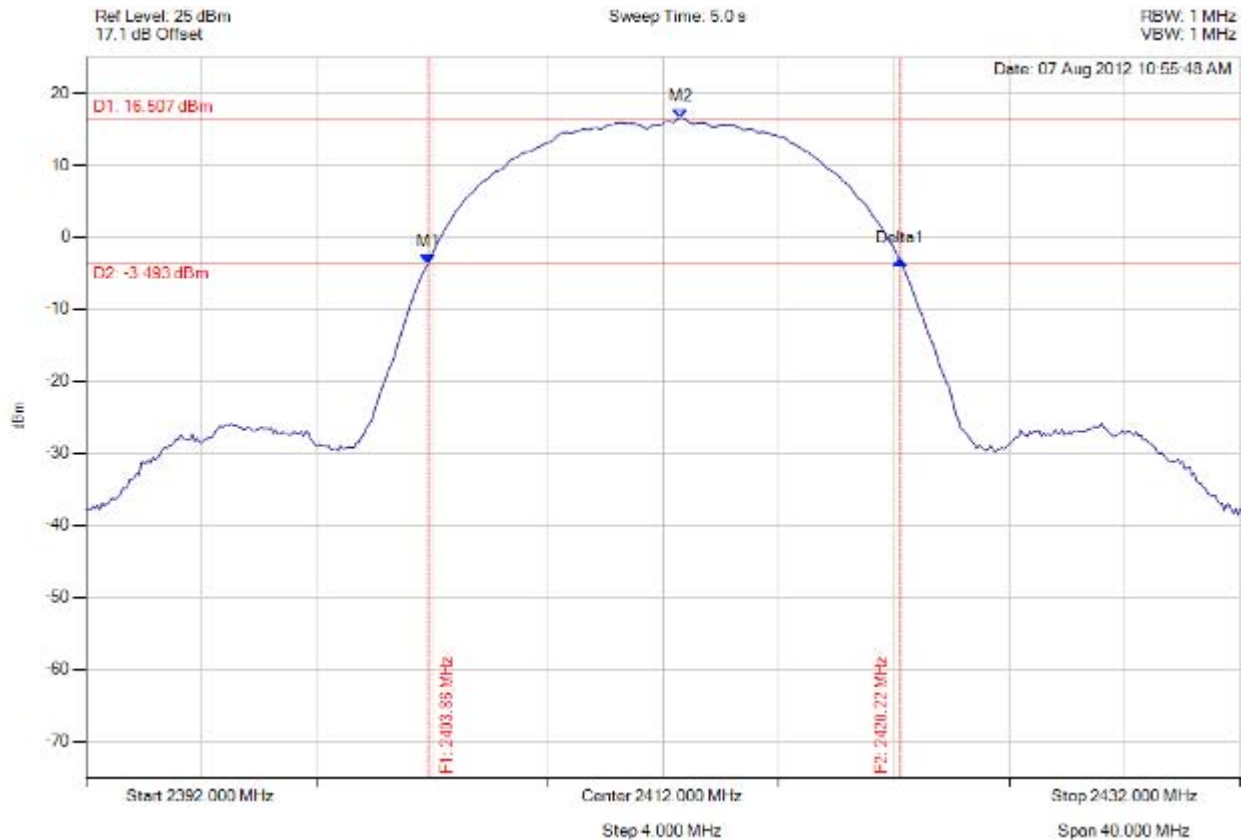
**Title:** AP0127450, AP0127460  
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3x3 802.11b



**peak output power**

Variant: 802.11b, Channel: 2412.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.864 MHz : -3.629 dBm M2 : 2412.601 MHz : 16.507 dBm Delta1 : 16.353 MHz : 0.421 dBm	Channel Power: 24.79 dBm Limit: 25.23 dBm Margin: -0.44 dB

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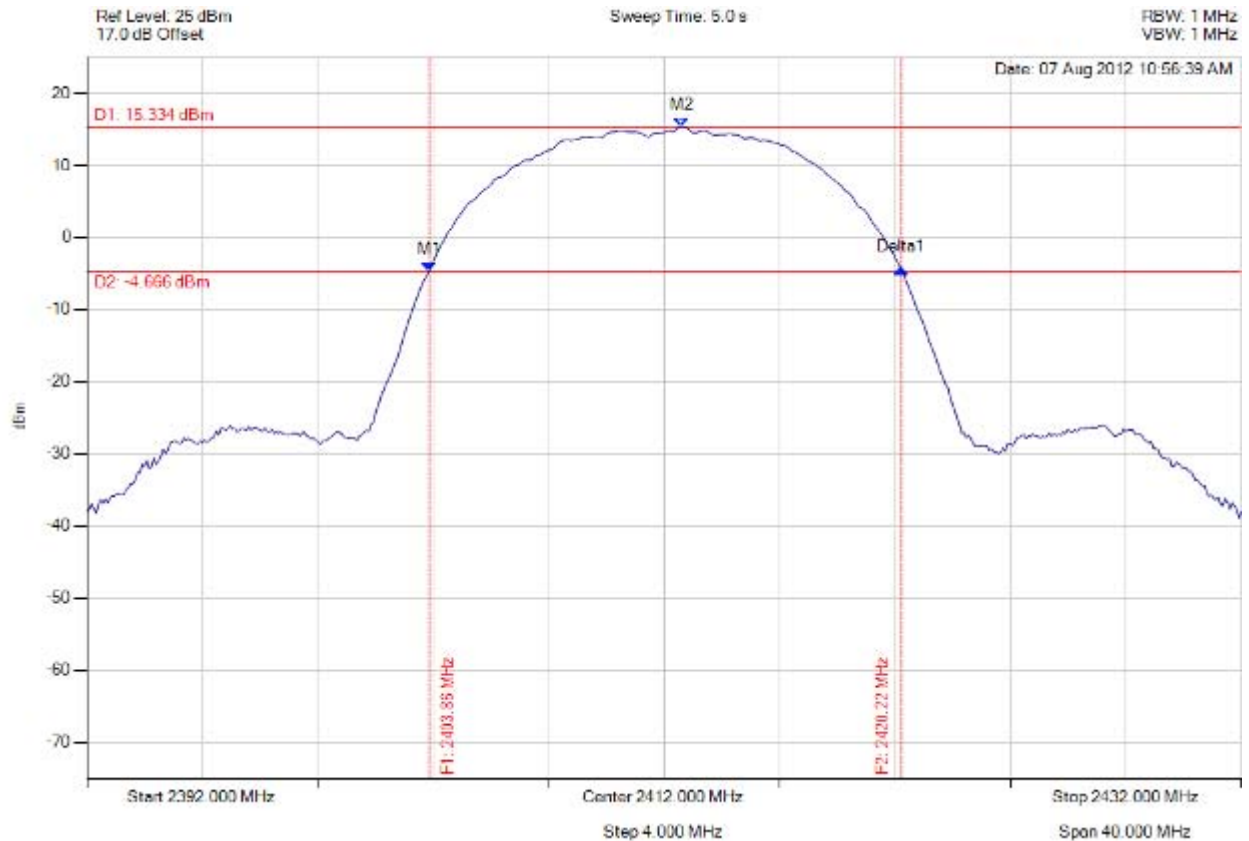


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#### peak output power

Variant: 802.11b, Channel: 2412.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.864 MHz : -4.680 dBm M2 : 2412.601 MHz : 15.334 dBm Delta1 : 16.353 MHz : 0.315 dBm	Channel Power: 23.68 dBm Limit: 25.23 dBm Margin: -1.55 dB

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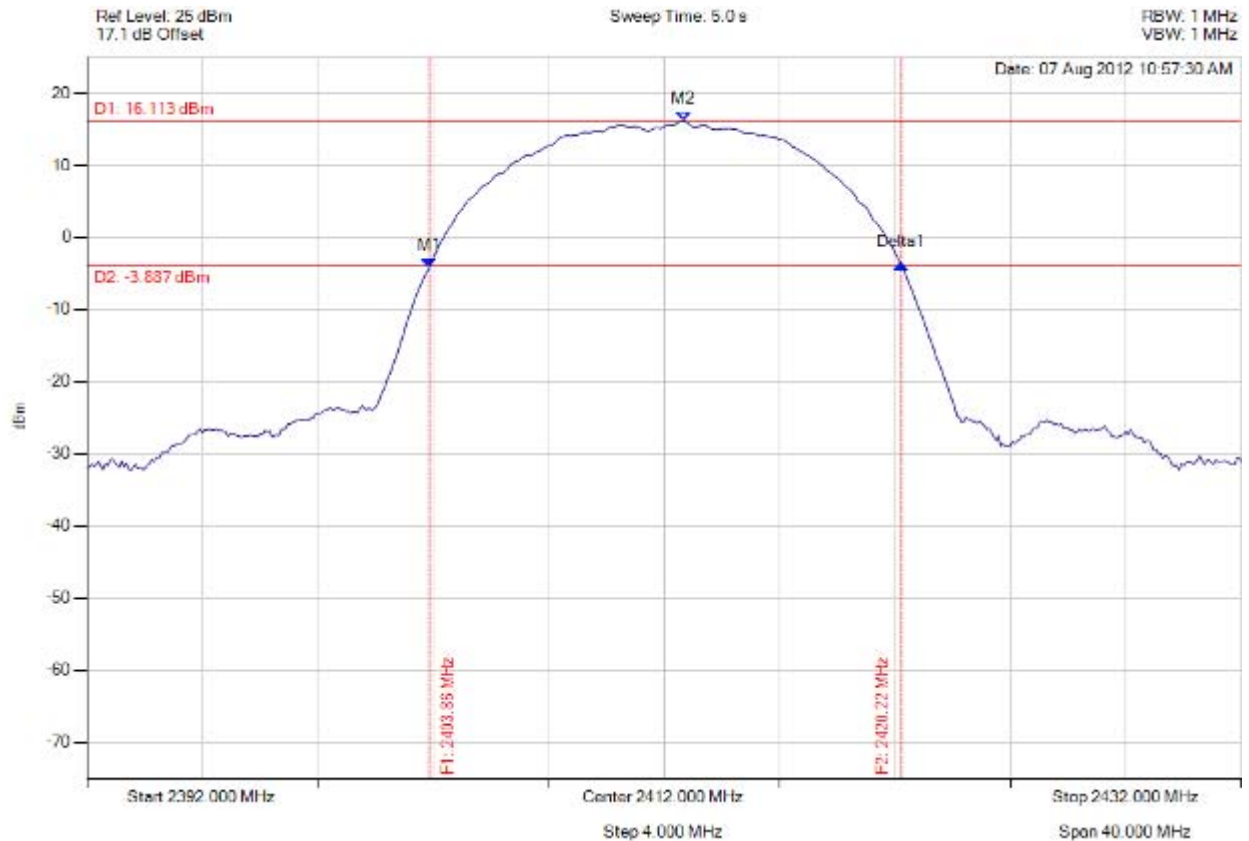


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
**Serial #:** RDWN14-U1 Rev A  
**Issue Date:** 12th December 2012  
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#### peak output power

Variant: 802.11b, Channel: 2412.00 MHz, Chain C, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.864 MHz : -4.192 dBm M2 : 2412.681 MHz : 16.113 dBm Delta1 : 16.353 MHz : 0.447 dBm	Channel Power: 24.37 dBm Limit: 25.23 dBm Margin: -0.86 dB

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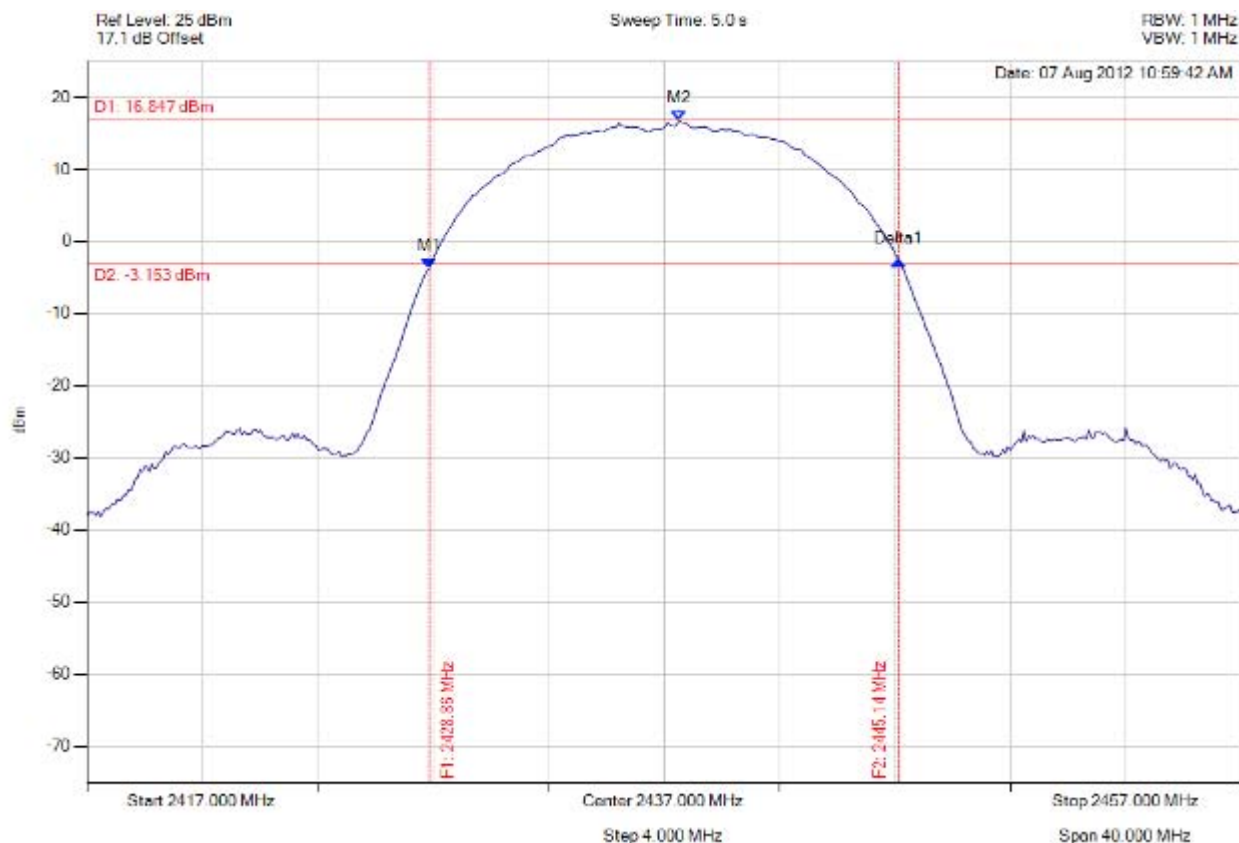


**Title:** AP0127450, AP0127460  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
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### peak output power

Variant: 802.11b, Channel: 2437.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2428.864 MHz : -3.694 dBm M2 : 2437.521 MHz : 16.847 dBm Delta1 : 16.273 MHz : 1.064 dBm	Channel Power: 24.82 dBm Limit: 25.23 dBm Margin: -0.41 dB

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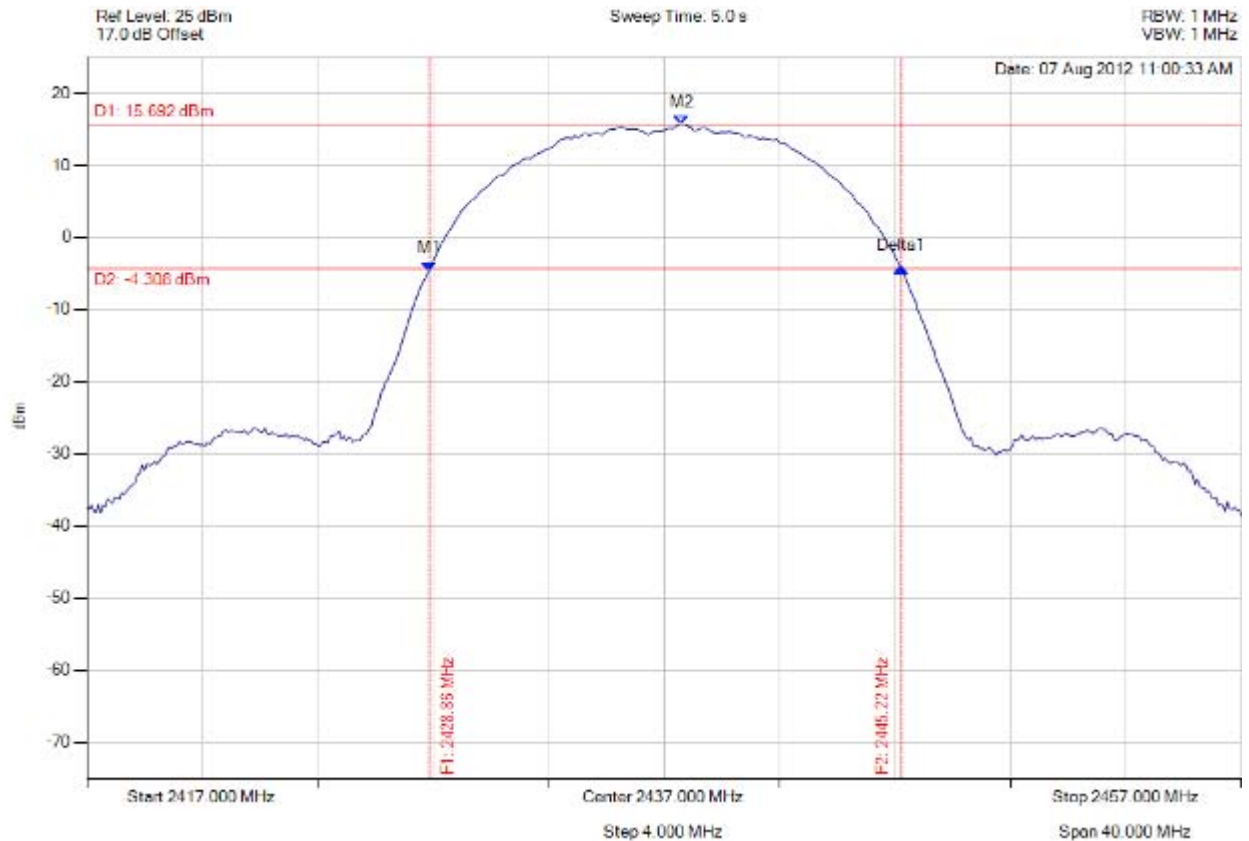


**Title:** AP0127450, AP0127460  
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#### peak output power

Variant: 802.11b, Channel: 2437.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2428.864 MHz : -4.622 dBm M2 : 2437.601 MHz : 15.692 dBm Delta1 : 16.353 MHz : 0.362 dBm	Channel Power: 23.99 dBm Limit: 25.23 dBm Margin: -1.24 dB

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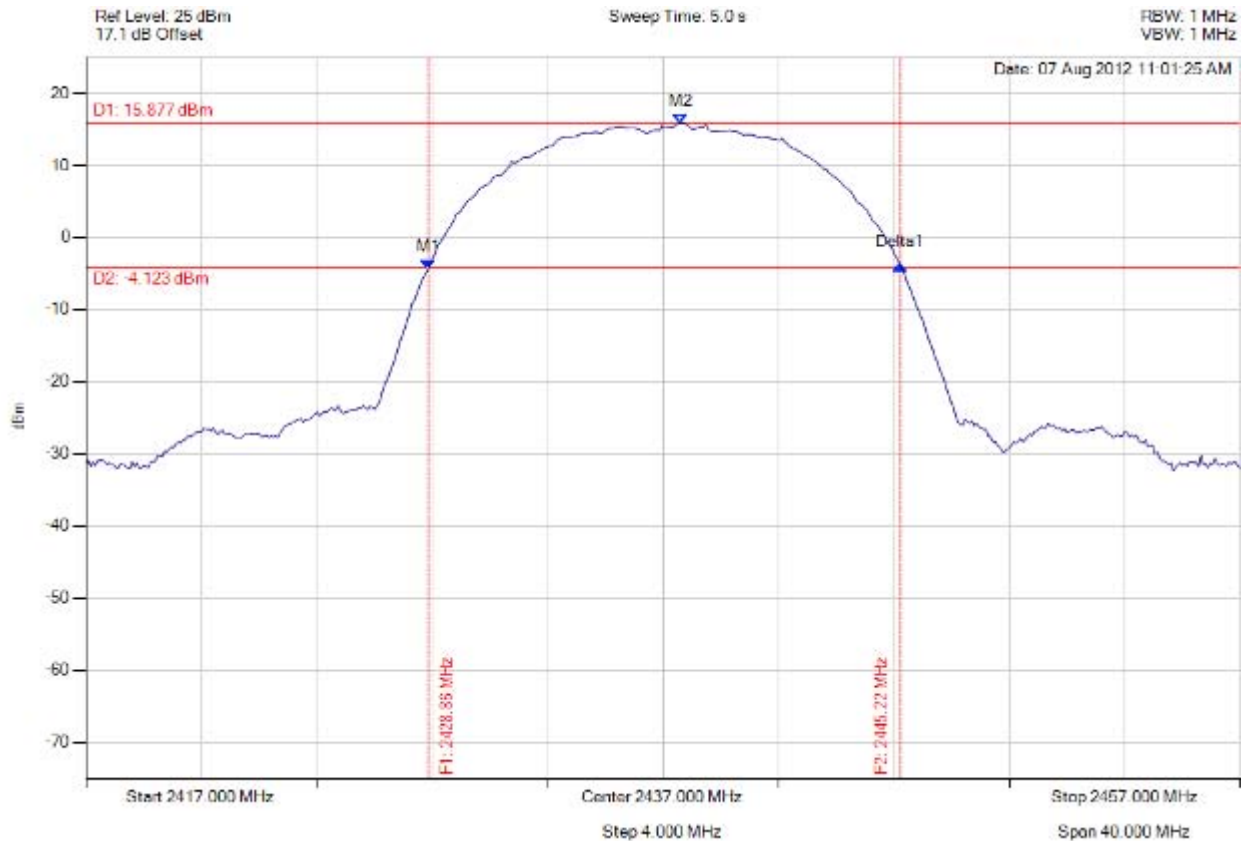


**Title:** AP0127450, AP0127460  
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#### peak output power

Variant: 802.11b, Channel: 2437.00 MHz, Chain C, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2428.864 MHz : -4.329 dBm M2 : 2437.601 MHz : 15.877 dBm Delta1 : 16.353 MHz : 0.535 dBm	Channel Power: 24.19 dBm Limit: 25.23 dBm Margin: -1.04 dB

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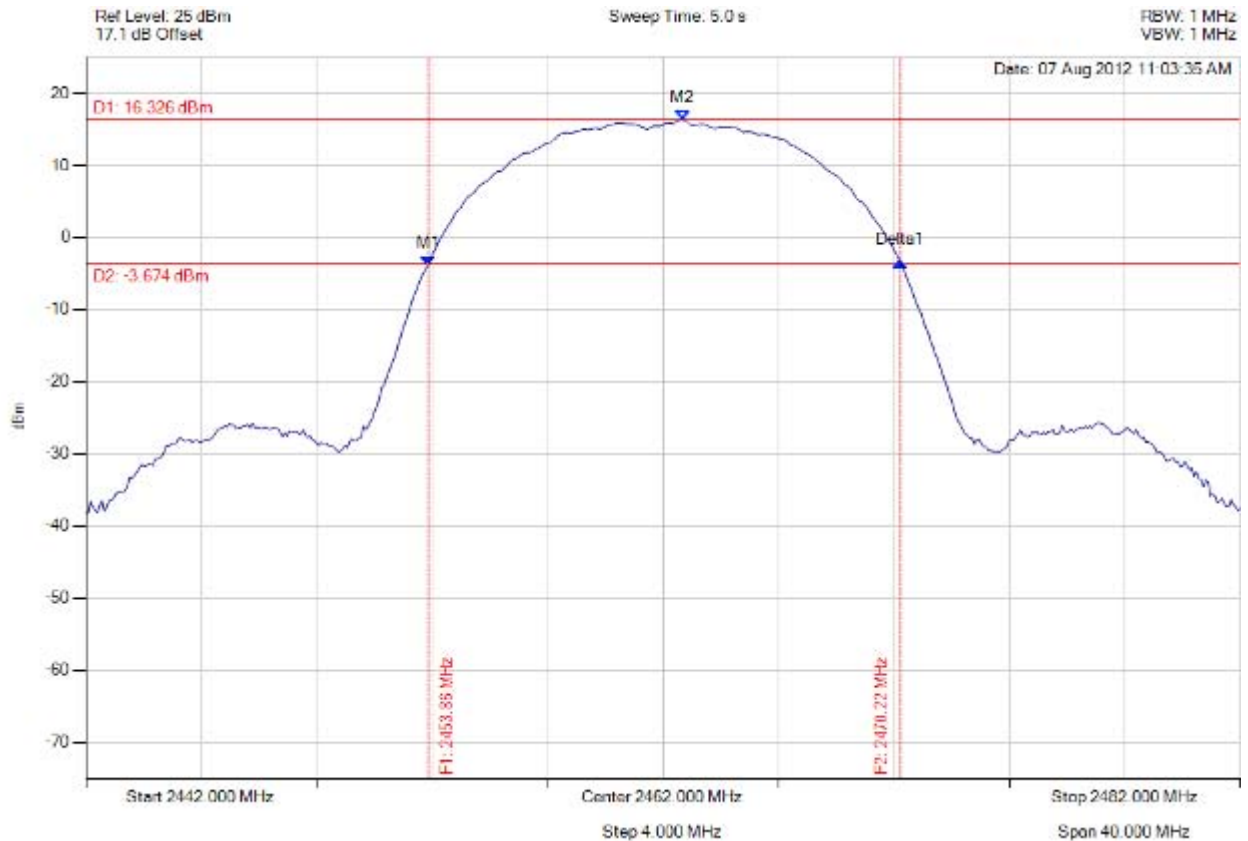


**Title:** AP0127450, AP0127460  
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#### peak output power

Variant: 802.11b, Channel: 2462.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2453.864 MHz : -3.814 dBm M2 : 2462.681 MHz : 16.326 dBm Delta1 : 2470.22 MHz : 0.456 dBm	Channel Power: 24.66 dBm Limit: 25.23 dBm Margin: -0.57 dB

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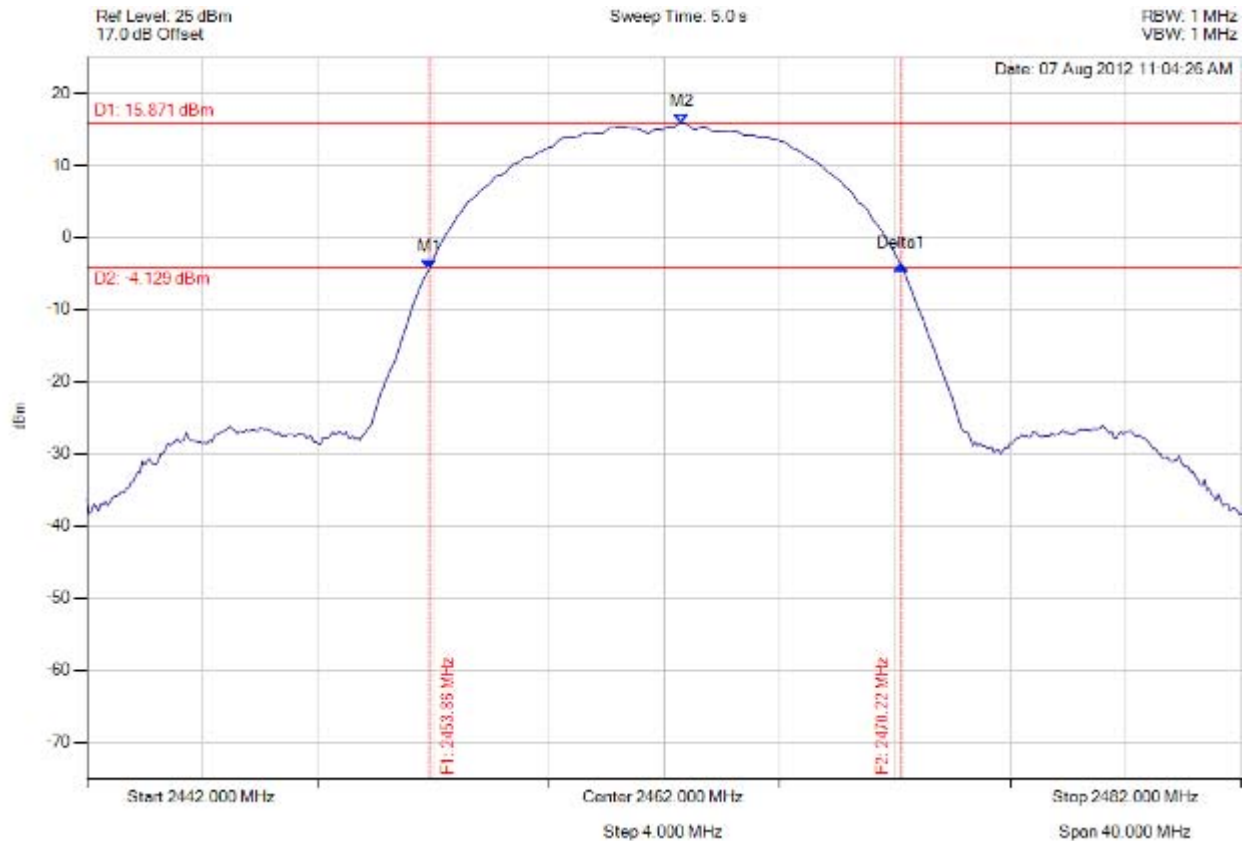


**Title:** AP0127450, AP0127460  
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#### peak output power

Variant: 802.11b, Channel: 2462.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2453.864 MHz : -4.371 dBm M2 : 2462.601 MHz : 15.871 dBm Delta1 : 16.353 MHz : 0.547 dBm	Channel Power: 24.15 dBm Limit: 25.23 dBm Margin: -1.08 dB

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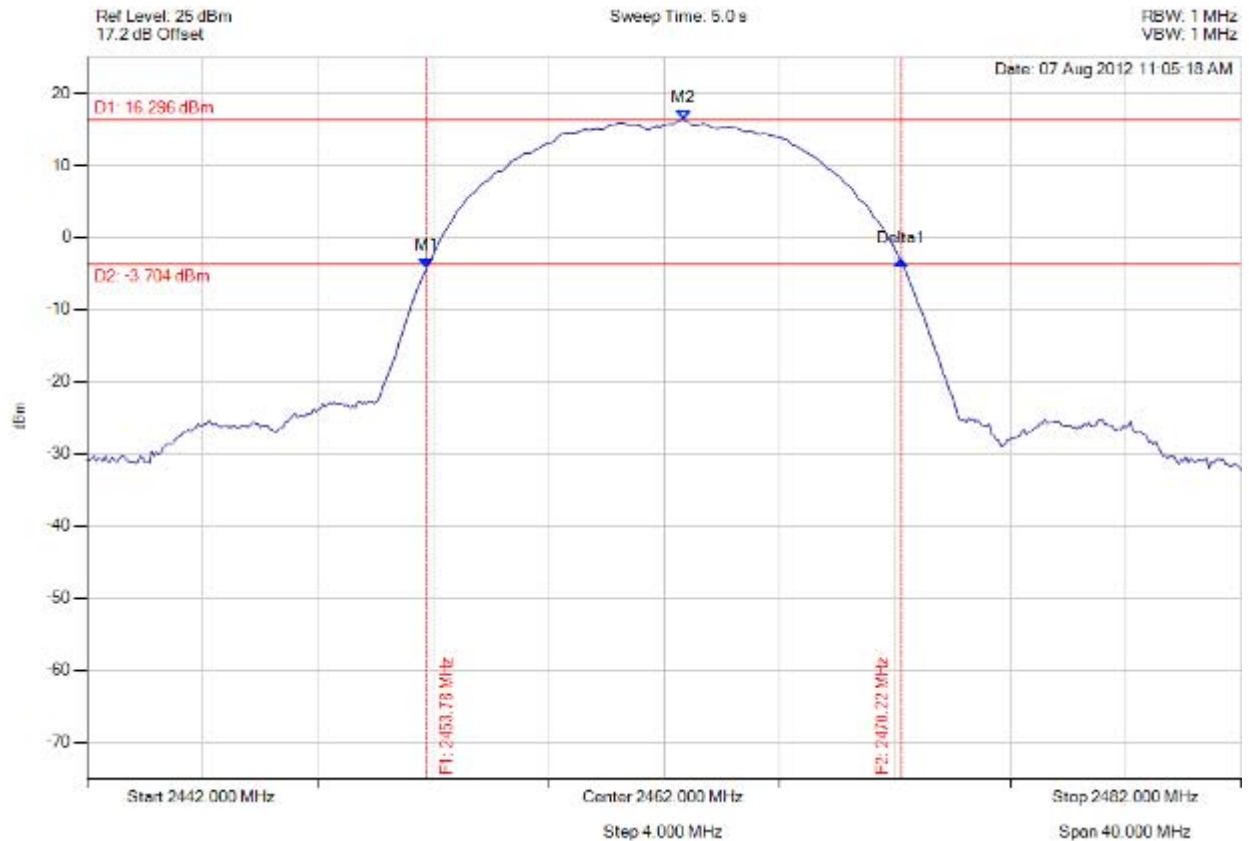


**Title:** AP0127450, AP0127460  
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#### peak output power

Variant: 802.11b, Channel: 2462.00 MHz, Chain C, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2453.784 MHz : -4.168 dBm M2 : 2462.681 MHz : 16.296 dBm Delta1 : 16.433 MHz : 0.925 dBm	Channel Power: 24.64 dBm Limit: 25.23 dBm Margin: -0.59 dB

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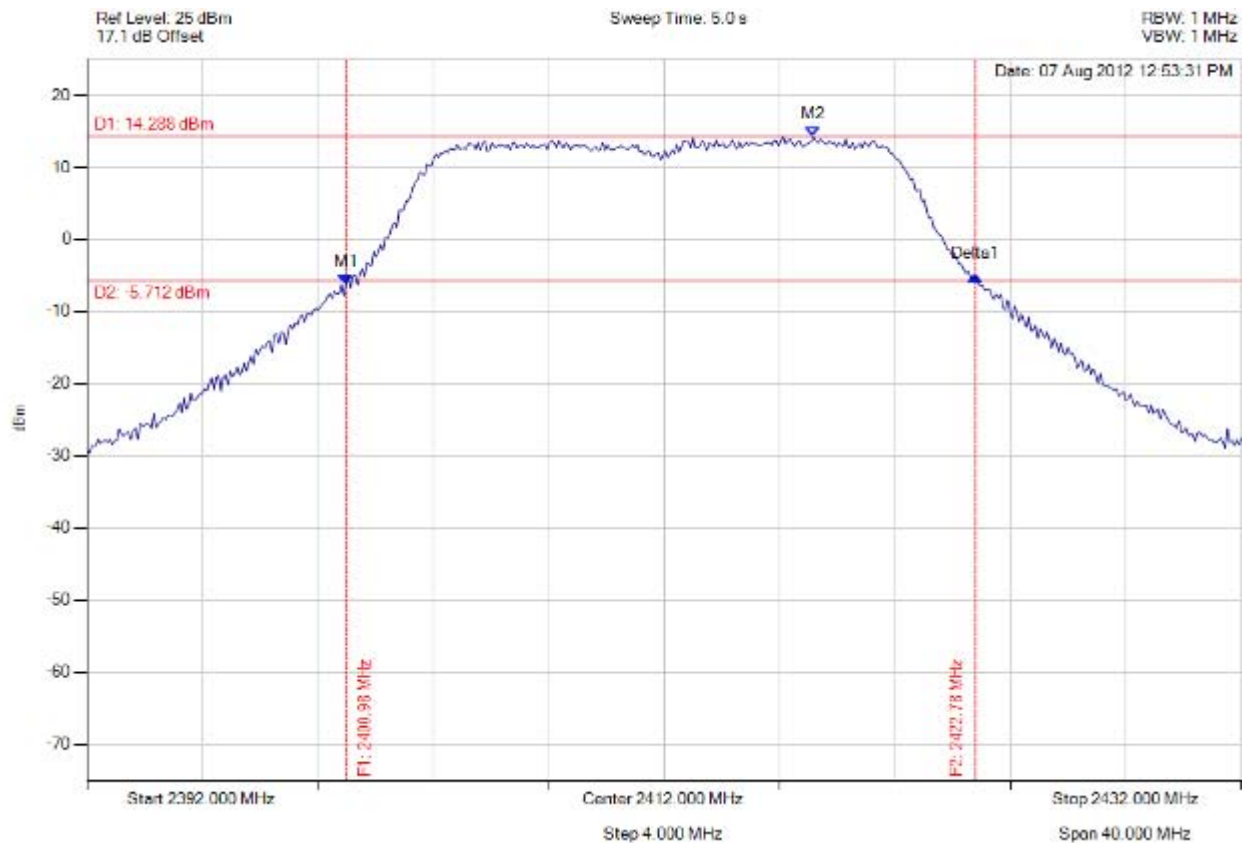
**Title:** AP0127450, AP0127460  
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3x3 802.11g



**peak output power**

Variant: 802.11g, Channel: 2412.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2400.978 MHz : -6.159 dBm M2 : 2417.170 MHz : 14.288 dBm Delta1 : 2421.78 MHz : 1.080 dBm	Channel Power: 24.71 dBm Limit: 25.23 dBm Margin: -0.52 dB

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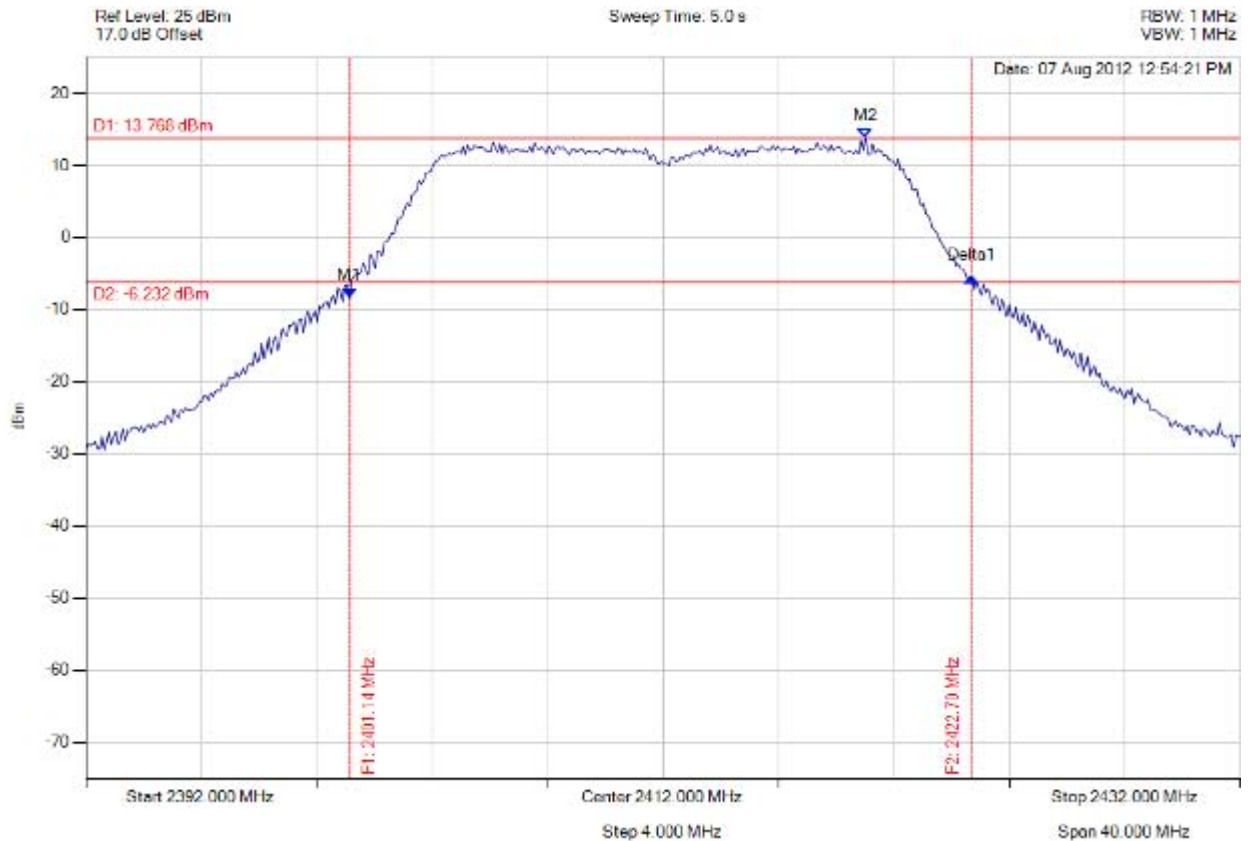


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#### peak output power

Variant: 802.11g, Channel: 2412.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2401.138 MHz : -8.439 dBm M2 : 2419.014 MHz : 13.768 dBm Delta1 : 21.563 MHz : 2.849 dBm	Channel Power: 23.71 dBm Limit: 25.23 dBm Margin: -1.52 dB

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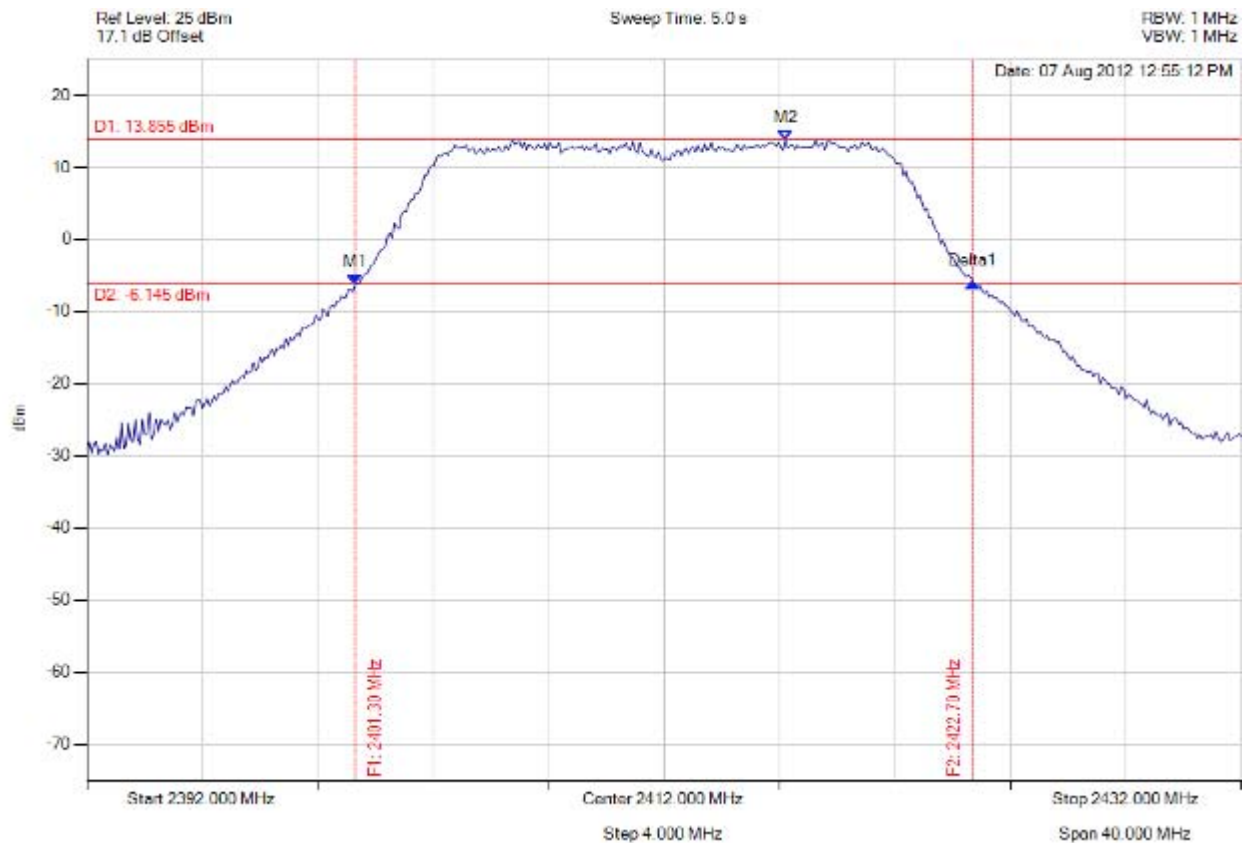


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#### peak output power

Variant: 802.11g, Channel: 2412.00 MHz, Chain C, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2401.299 MHz : -6.169 dBm M2 : 2416.208 MHz : 13.855 dBm Delta1 : 21.403 MHz : 0.197 dBm	Channel Power: 24.37 dBm Limit: 25.23 dBm Margin: -0.86 dB

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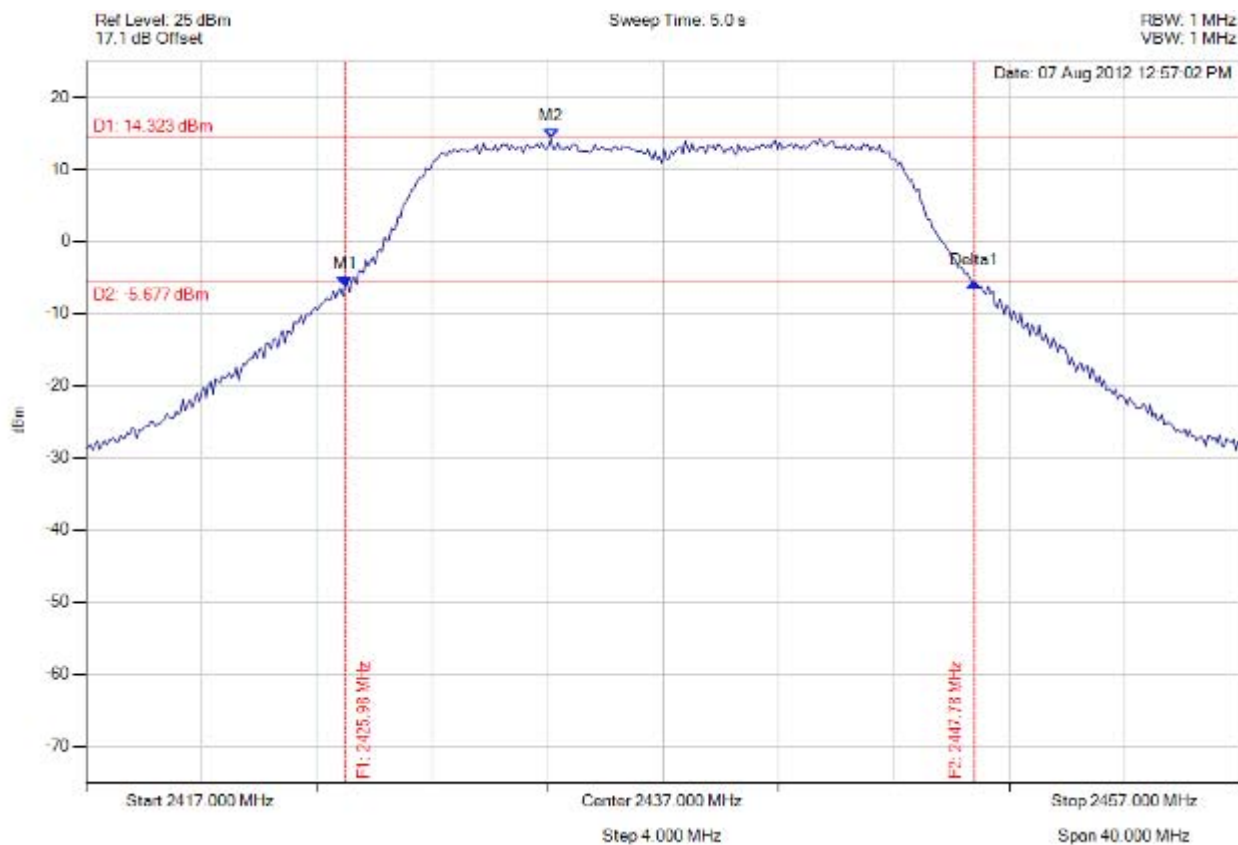


**Title:** AP0127450, AP0127460  
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### peak output power

Variant: 802.11g, Channel: 2437.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2425.978 MHz : -6.169 dBm M2 : 2433.112 MHz : 14.323 dBm Delta1 : 21.804 MHz : 0.535 dBm	Channel Power: 24.66 dBm Limit: 25.23 dBm Margin: -0.57 dB

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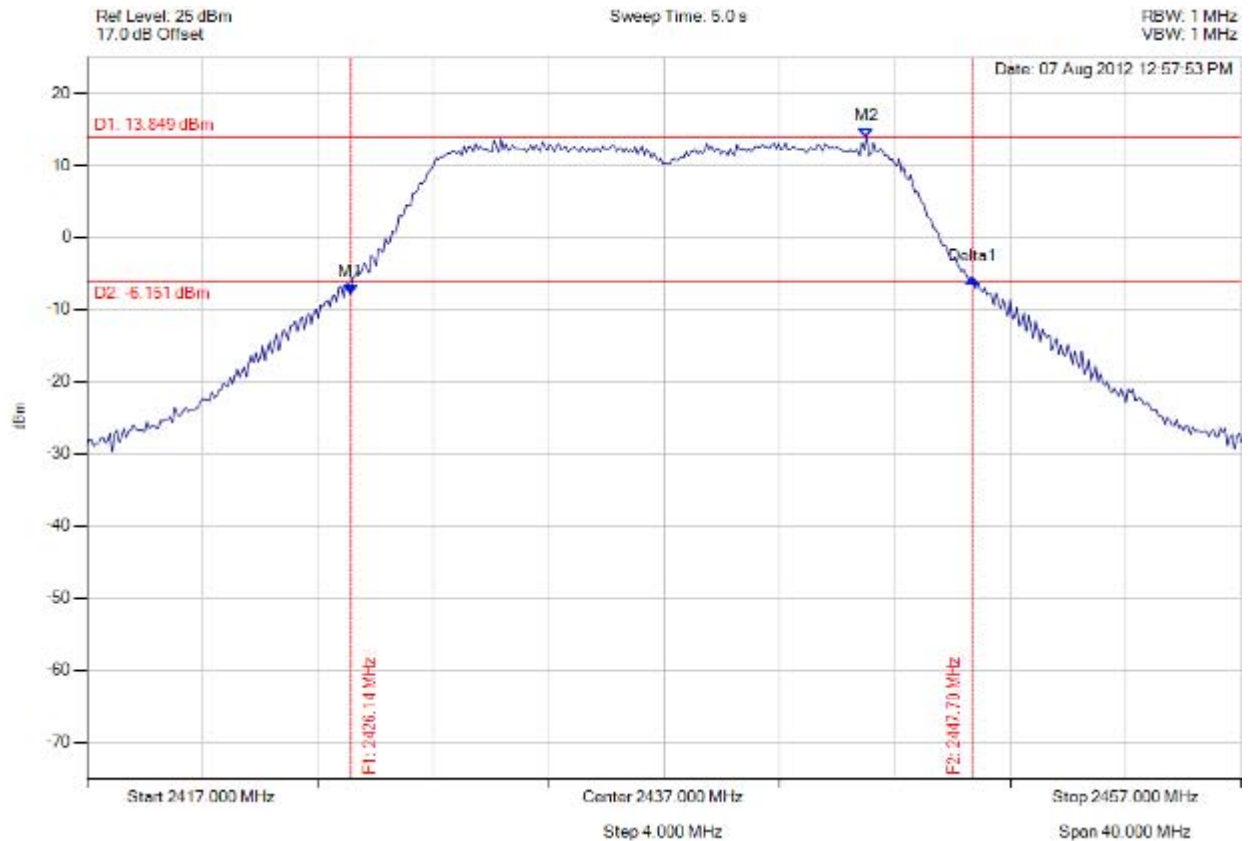


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#### peak output power

Variant: 802.11g, Channel: 2437.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2426.138 MHz : -7.888 dBm M2 : 2444.014 MHz : 13.849 dBm Delta1 : 21.563 MHz : 2.172 dBm	Channel Power: 23.87 dBm Limit: 25.23 dBm Margin: -1.36 dB

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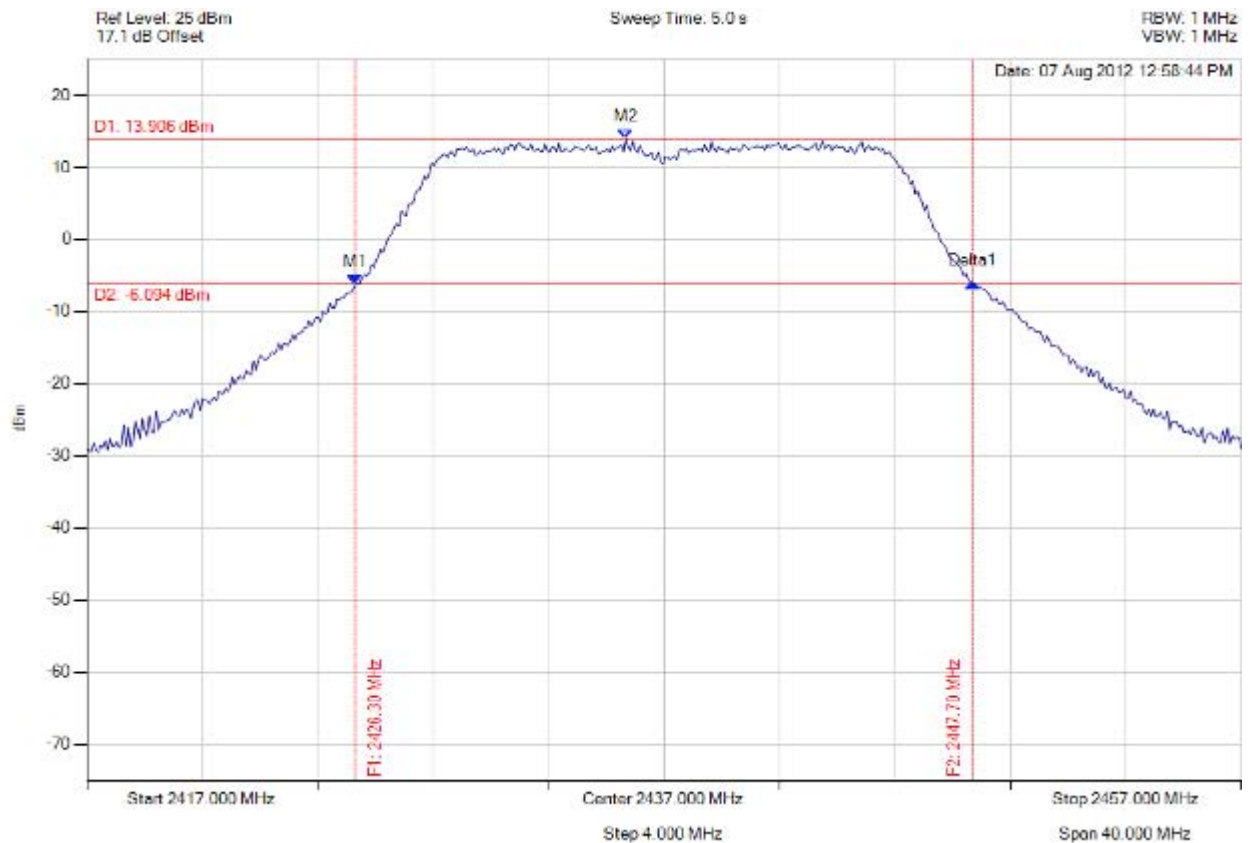


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#### peak output power

Variant: 802.11g, Channel: 2437.00 MHz, Chain C, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2426.299 MHz : -6.263 dBm M2 : 2435.677 MHz : 13.906 dBm Delta1 : 21.403 MHz : 0.171 dBm	Channel Power: 24.21 dBm Limit: 25.23 dBm Margin: -1.02 dB

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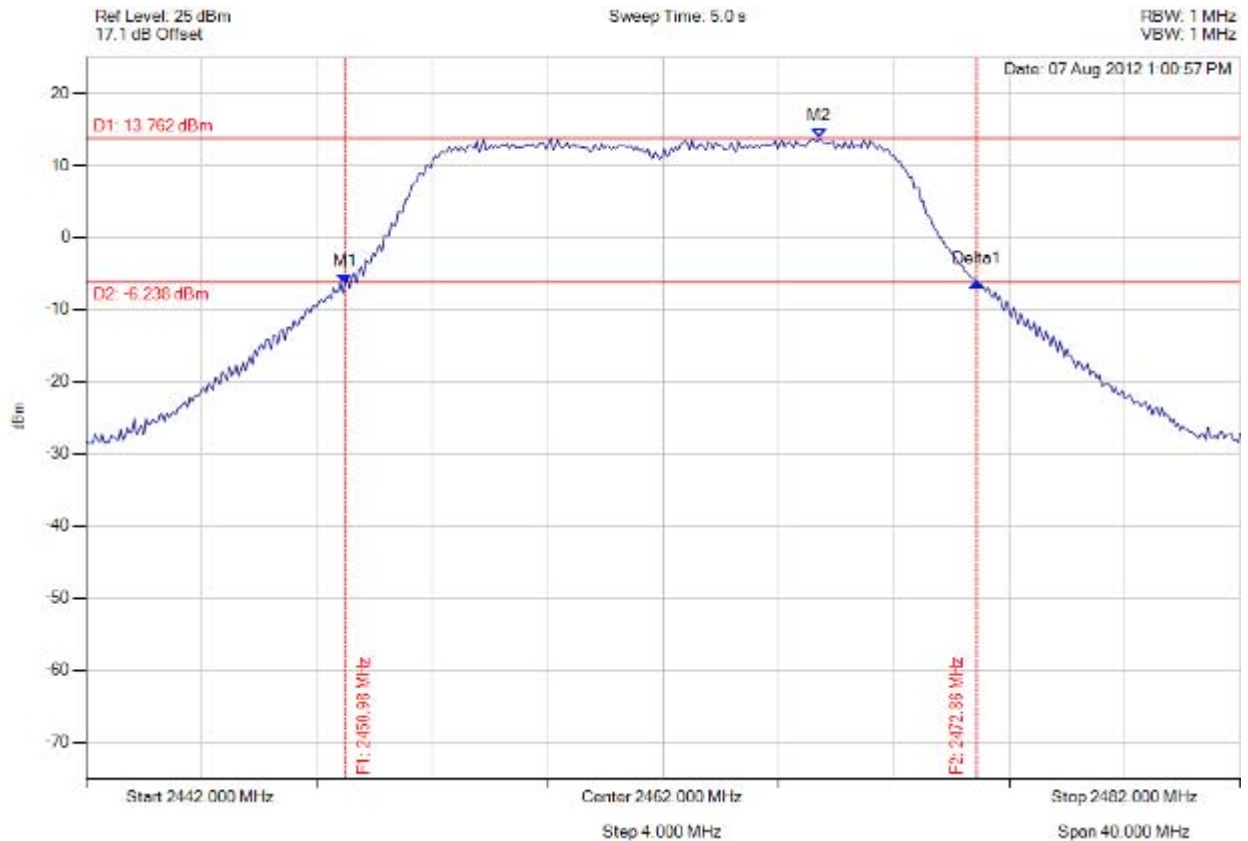


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#### peak output power

Variant: 802.11g, Channel: 2462.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2450.978 MHz : -6.352 dBm M2 : 2467.411 MHz : 13.762 dBm Delta1 : 21.884 MHz : 0.224 dBm	Channel Power: 24.37 dBm Limit: 25.23 dBm Margin: -0.86 dB

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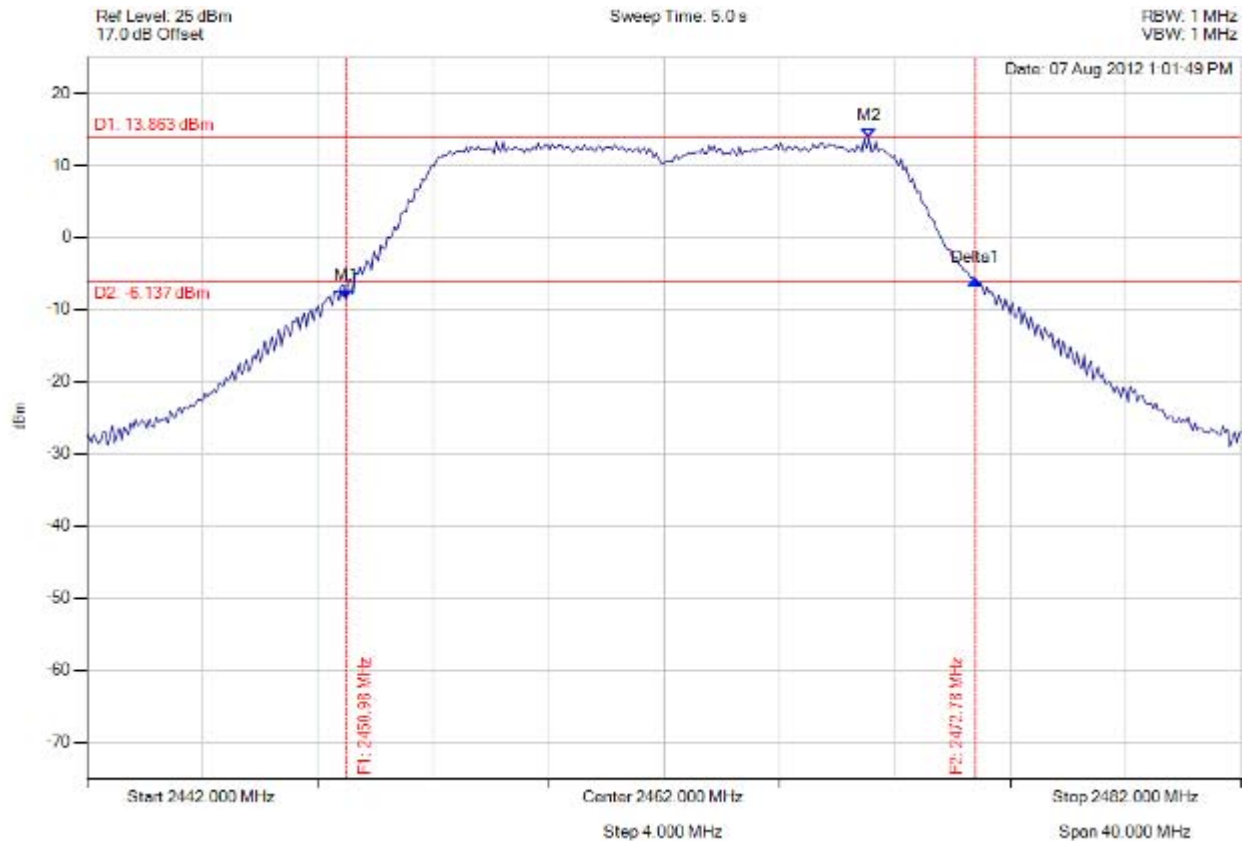


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#### peak output power

Variant: 802.11g, Channel: 2462.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2450.978 MHz : -8.451 dBm M2 : 2469.094 MHz : 13.863 dBm Delta1 : 21.804 MHz : 2.632 dBm	Channel Power: 23.92 dBm Limit: 25.23 dBm Margin: -1.31 dB

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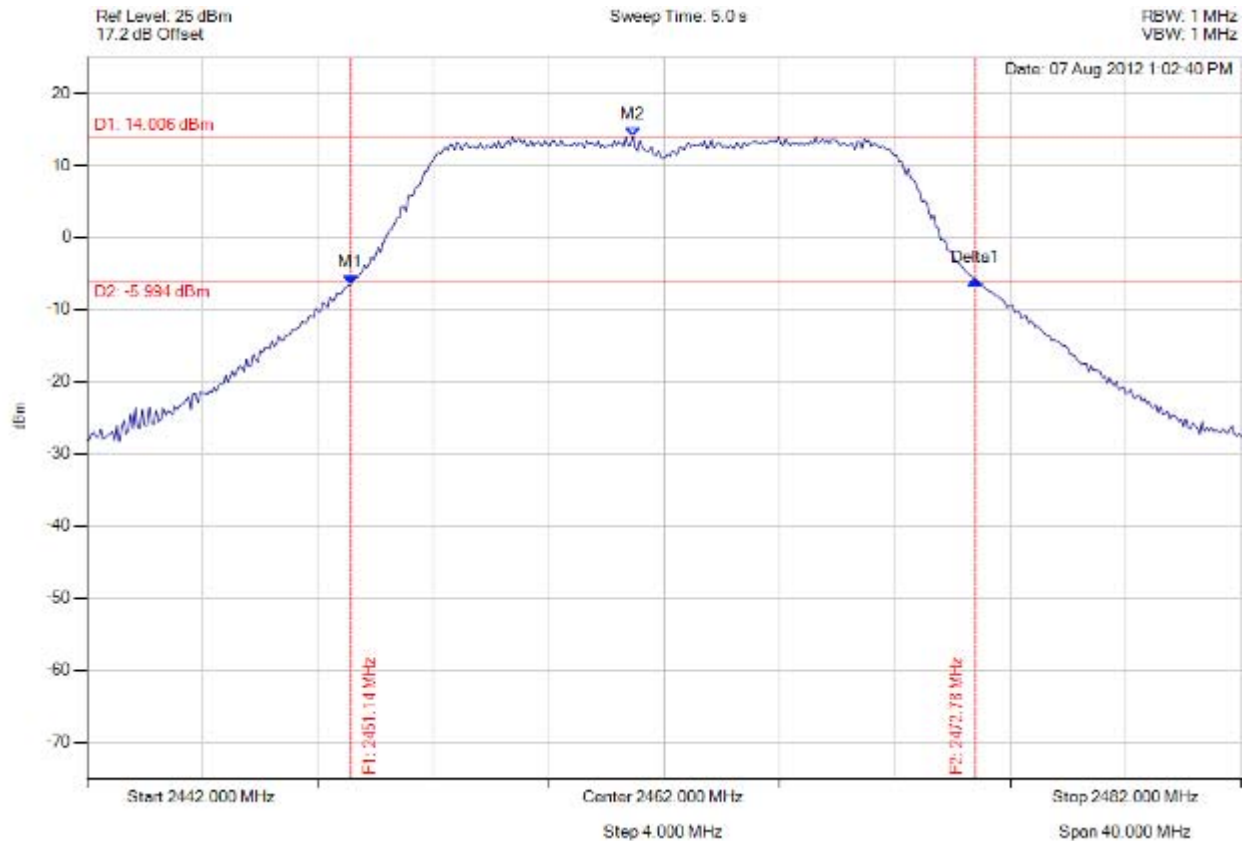


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#### peak output power

Variant: 802.11g, Channel: 2462.00 MHz, Chain C, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2451.138 MHz : -6.588 dBm M2 : 2460.918 MHz : 14.006 dBm Delta1 : 21.643 MHz : 0.759 dBm	Channel Power: 24.56 dBm Limit: 25.23 dBm Margin: -0.67 dB

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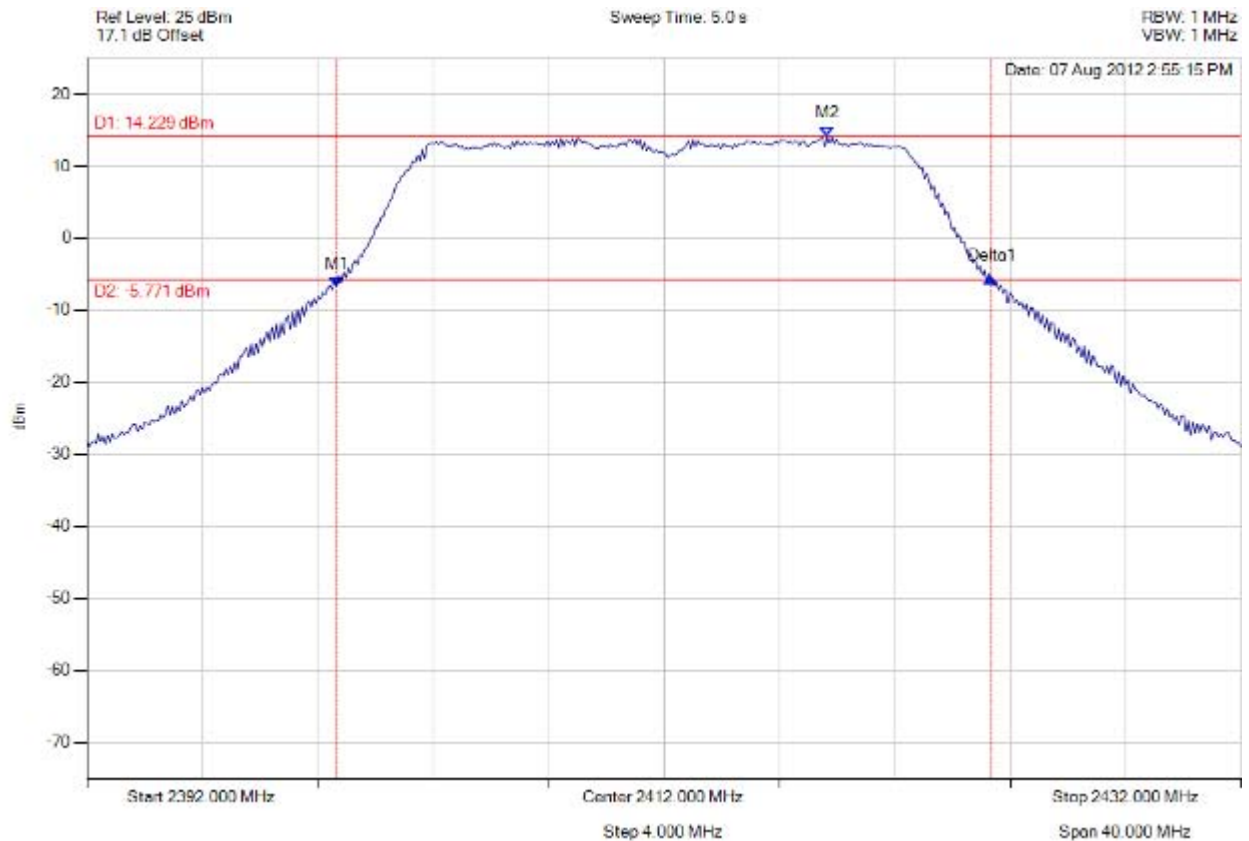
**Title:** AP0127450, AP0127460  
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3x3 802.11n HT-20



**peak output power**

Variant: 802.11n HT-20, Channel: 2412.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2400.657 MHz : -6.684 dBm M2 : 2417.651 MHz : 14.229 dBm Delta1 : 22.685 MHz : 1.147 dBm	Channel Power: 24.98 dBm Limit: 25.23 dBm Margin: -0.25 dB

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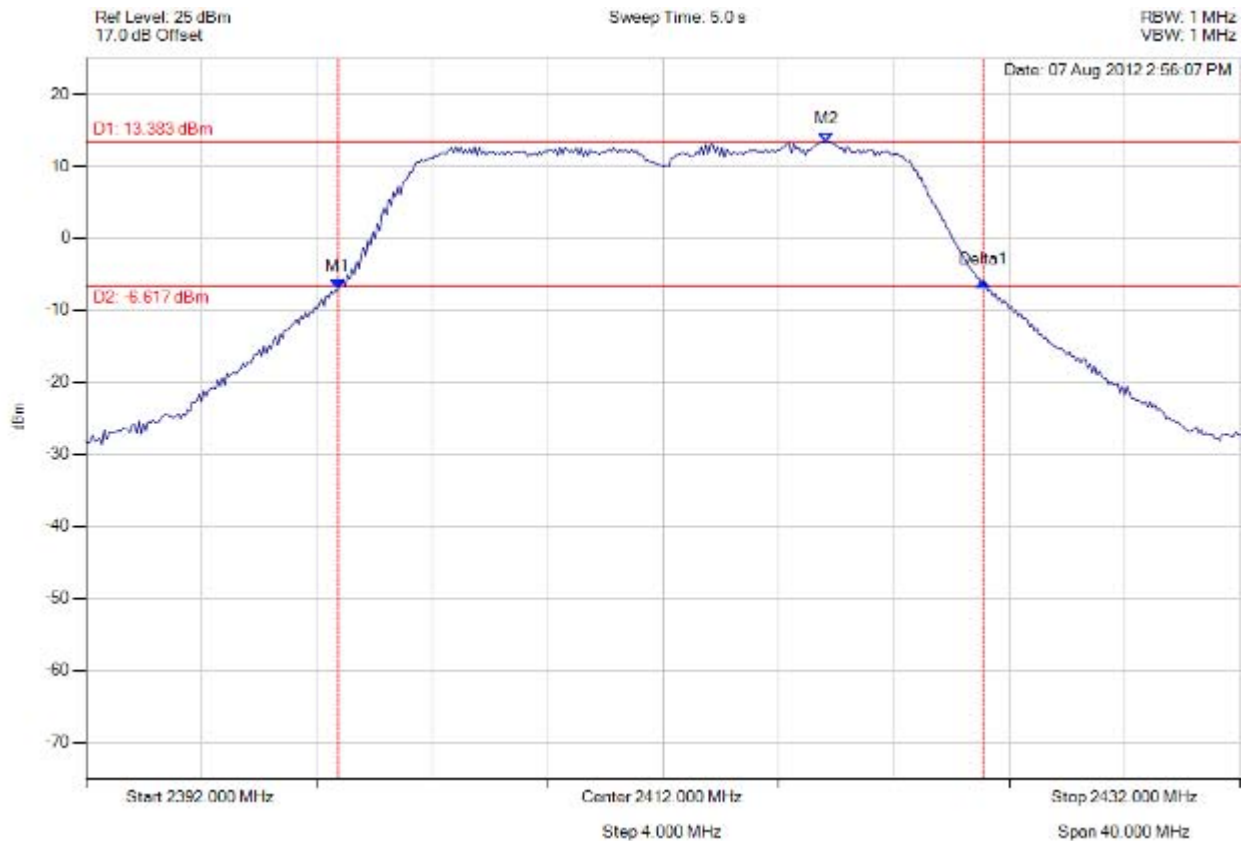


**Title:** AP0127450, AP0127460  
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**peak output power**

Variant: 802.11n HT-20, Channel: 2412.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2400.737 MHz : -7.076 dBm M2 : 2417.651 MHz : 13.383 dBm Delta1 : 22.365 MHz : 1.007 dBm	Channel Power: 23.98 dBm Limit: 25.23 dBm Margin: -1.25 dB

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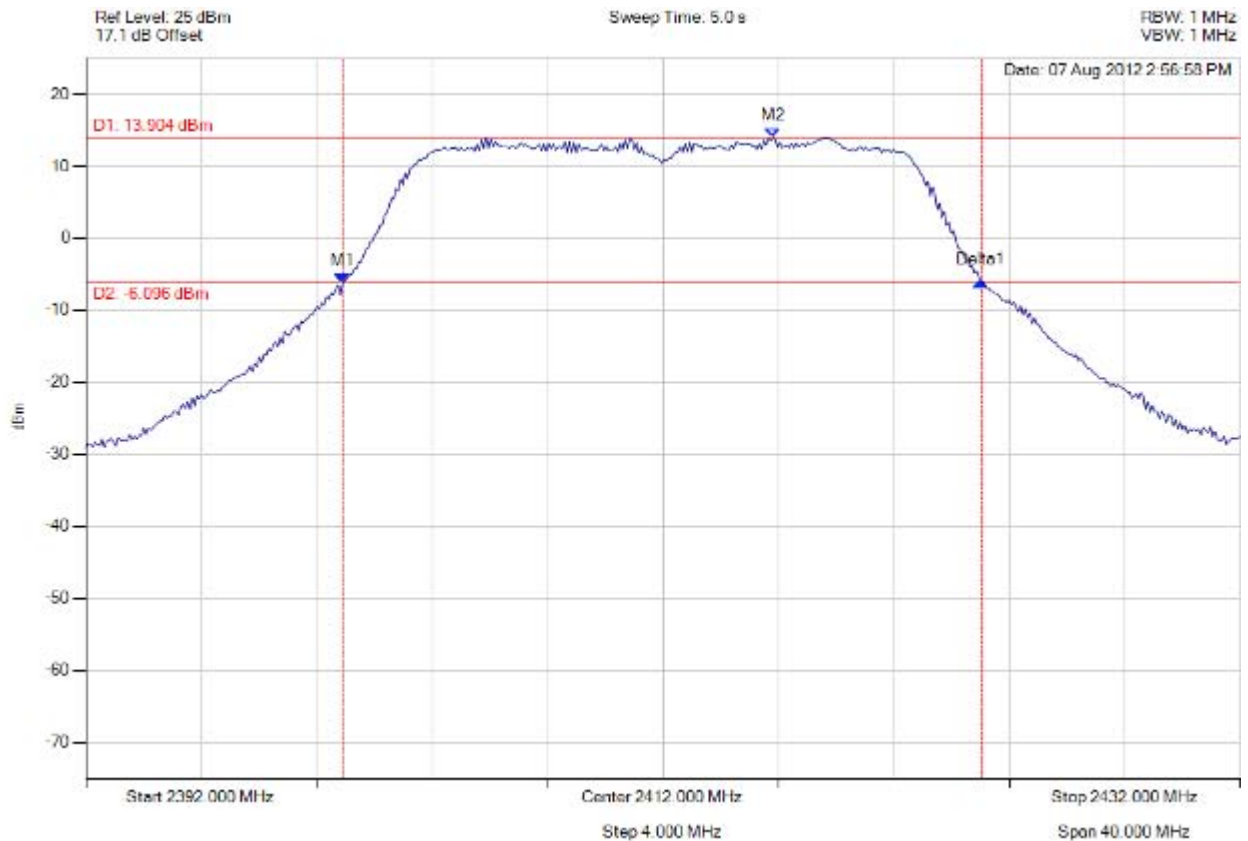


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#### peak output power

Variant: 802.11n HT-20, Channel: 2412.00 MHz, Chain C, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2400.898 MHz : -6.159 dBm M2 : 2415.808 MHz : 13.904 dBm Delta1 : 22.124 MHz : 0.116 dBm	Channel Power: 24.60 dBm Limit: 25.23 dBm Margin: -0.63 dB

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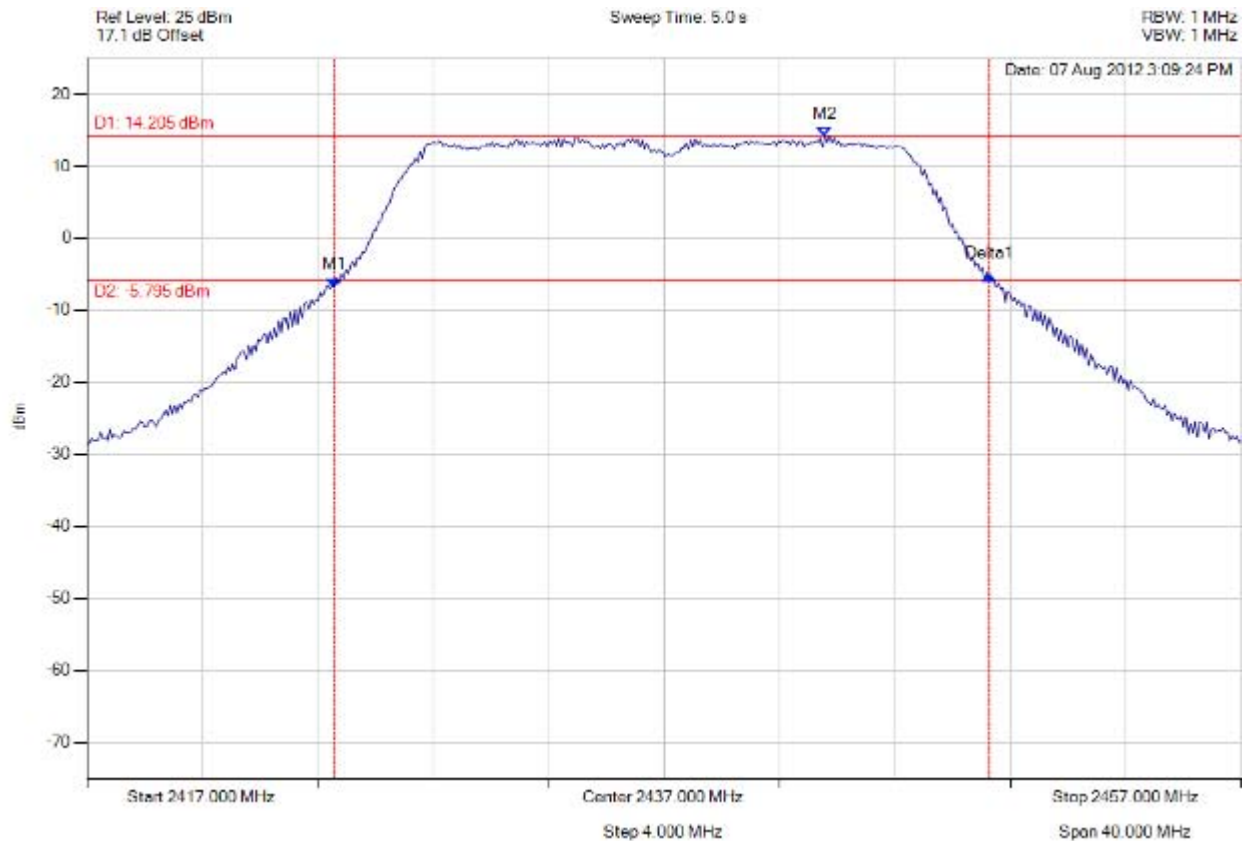


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**peak output power**

Variant: 802.11n HT-20, Channel: 2437.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2425.577 MHz : -6.787 dBm M2 : 2442.571 MHz : 14.205 dBm Delta1 : 22.685 MHz : 1.535 dBm	Channel Power: 24.99 dBm Limit: 25.23 dBm Margin: -0.24 dB

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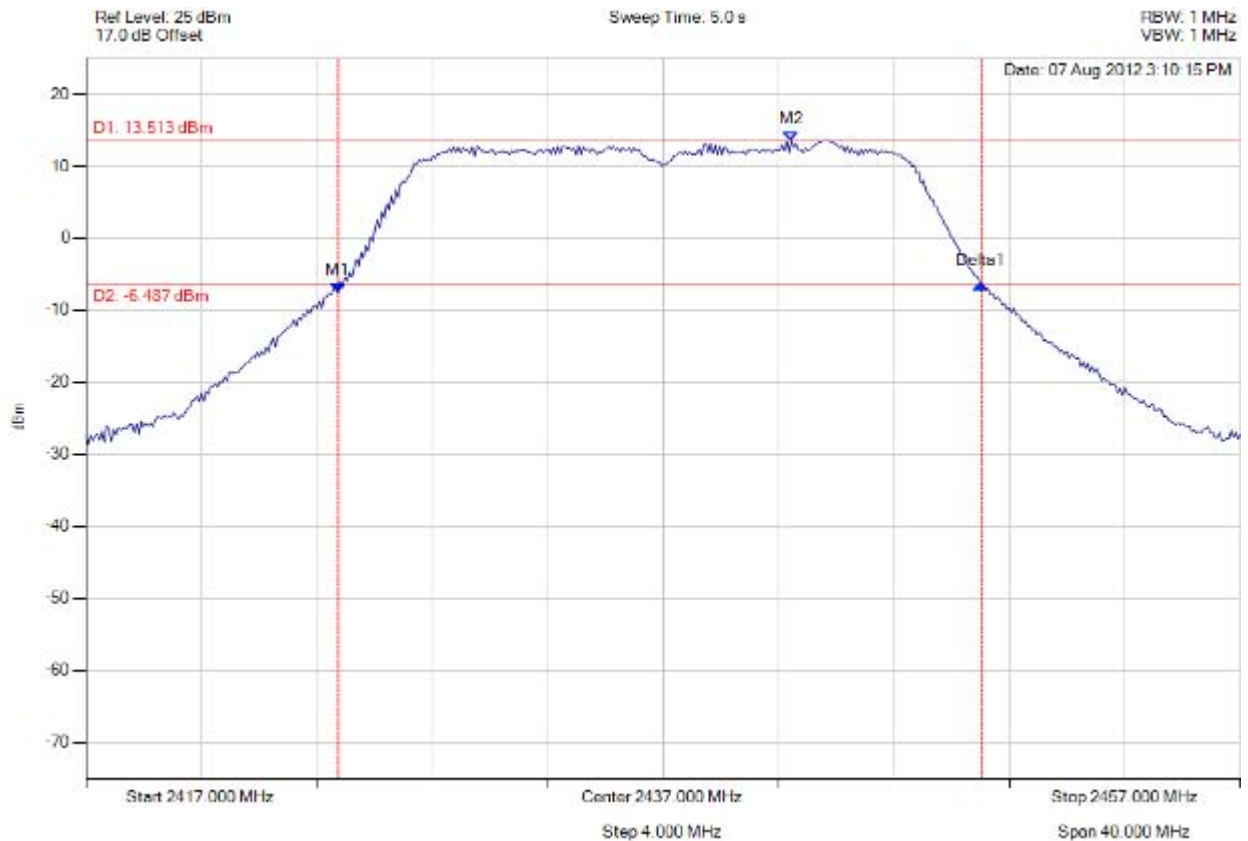


**Title:** AP0127450, AP0127460  
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**peak output power**

Variant: 802.11n HT-20, Channel: 2437.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2425.737 MHz : -7.532 dBm M2 : 2441.449 MHz : 13.513 dBm Delta1 : 22.285 MHz : 1.239 dBm	Channel Power: 24.11 dBm Limit: 25.23 dBm Margin: -1.12 dB

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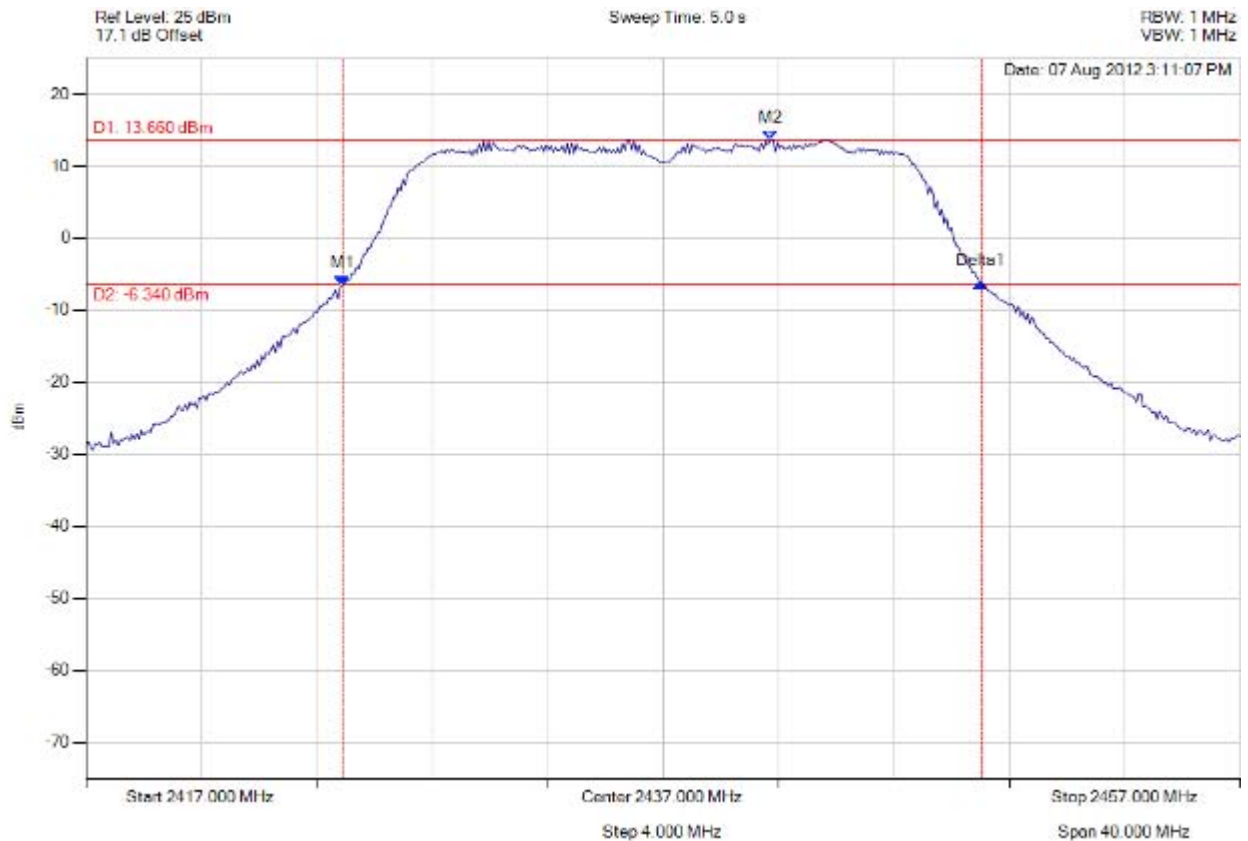


**Title:** AP0127450, AP0127460  
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**peak output power**

Variant: 802.11n HT-20, Channel: 2437.00 MHz, Chain C, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2425.898 MHz : -6.495 dBm M2 : 2440.727 MHz : 13.660 dBm Delta1 : 22.124 MHz : 0.295 dBm	Channel Power: 24.33 dBm Limit: 25.23 dBm Margin: -0.90 dB

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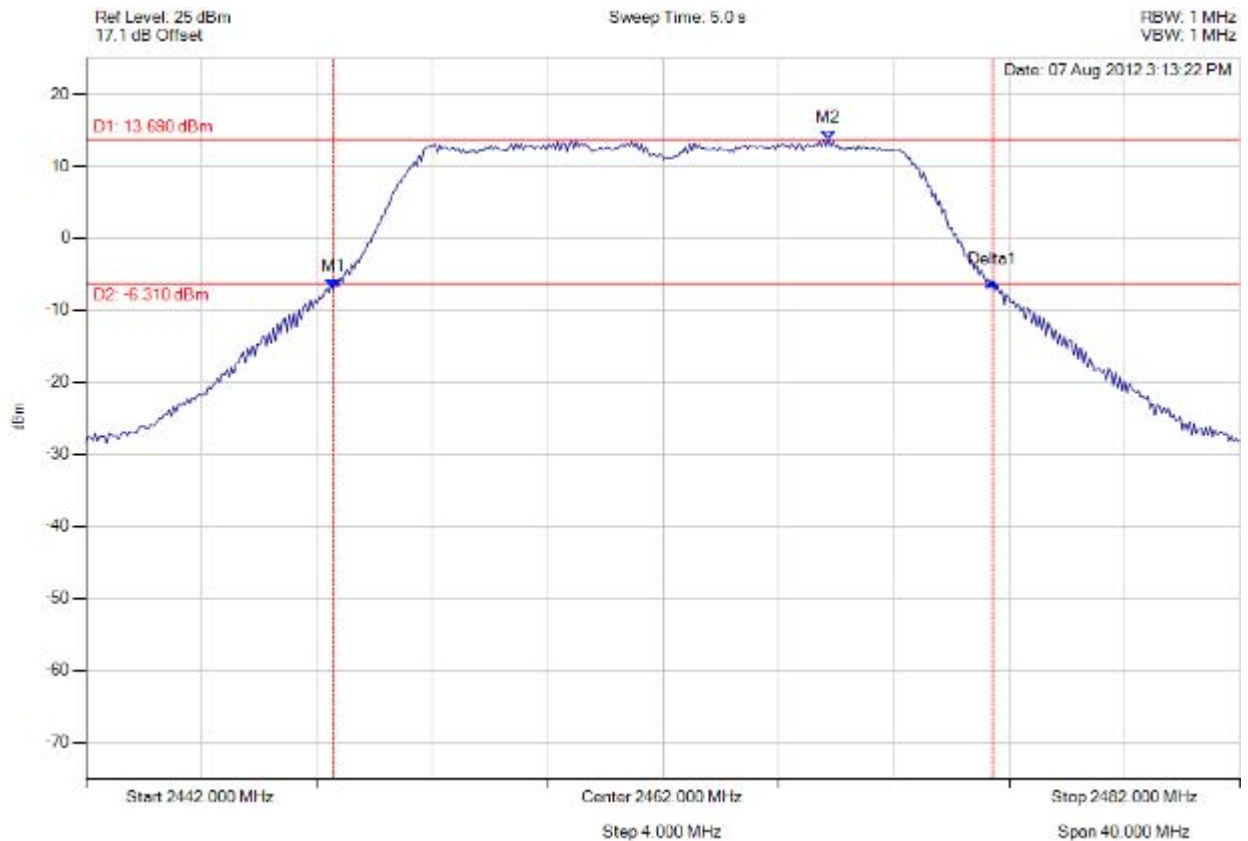


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**peak output power**

Variant: 802.11n HT-20, Channel: 2462.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2450.577 MHz : -7.015 dBm M2 : 2467.731 MHz : 13.690 dBm Delta1 : 22.846 MHz : 0.954 dBm	Channel Power: 24.52 dBm Limit: 25.23 dBm Margin: -0.71 dB

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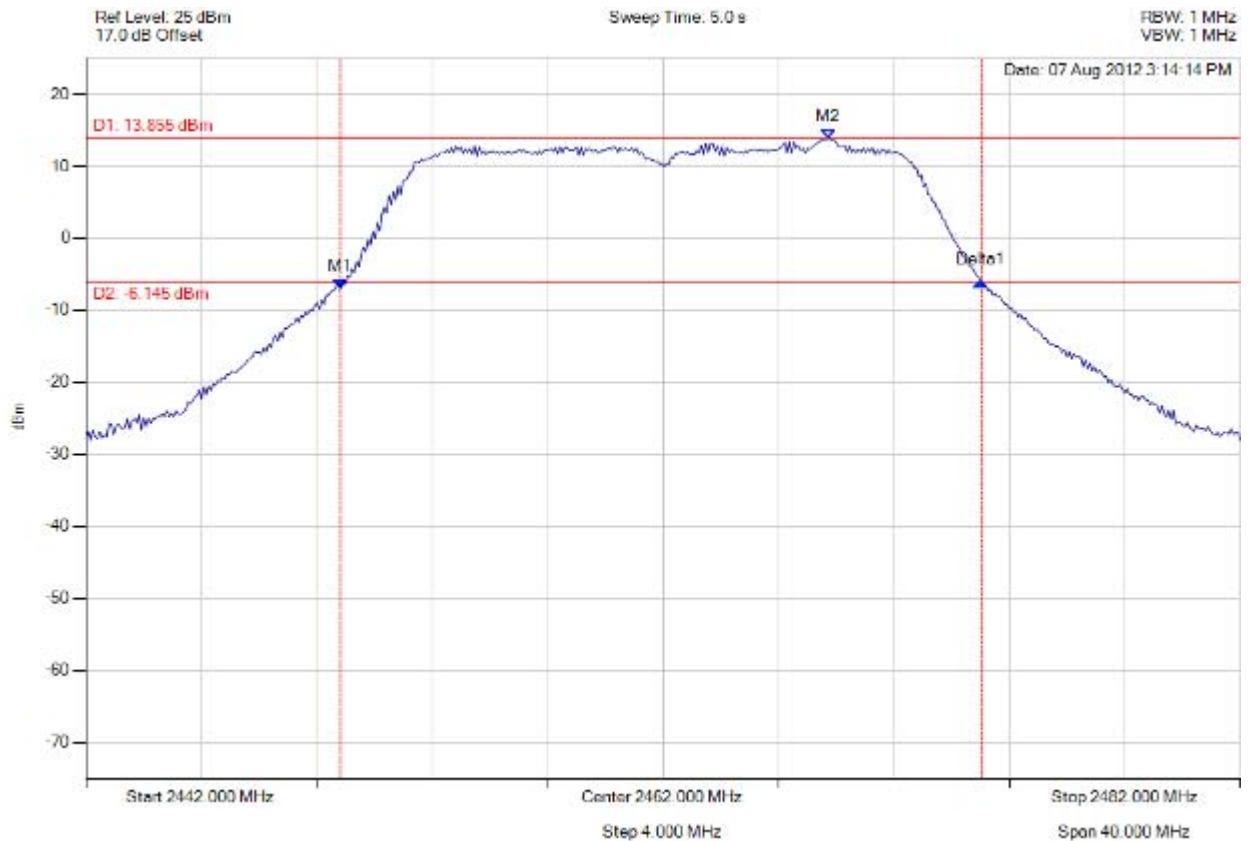


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**peak output power**

Variant: 802.11n HT-20, Channel: 2462.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2450.818 MHz : -7.076 dBm M2 : 2467.731 MHz : 13.855 dBm Delta1 : 22.204 MHz : 1.078 dBm	Channel Power: 24.14 dBm Limit: 25.23 dBm Margin: -1.09 dB

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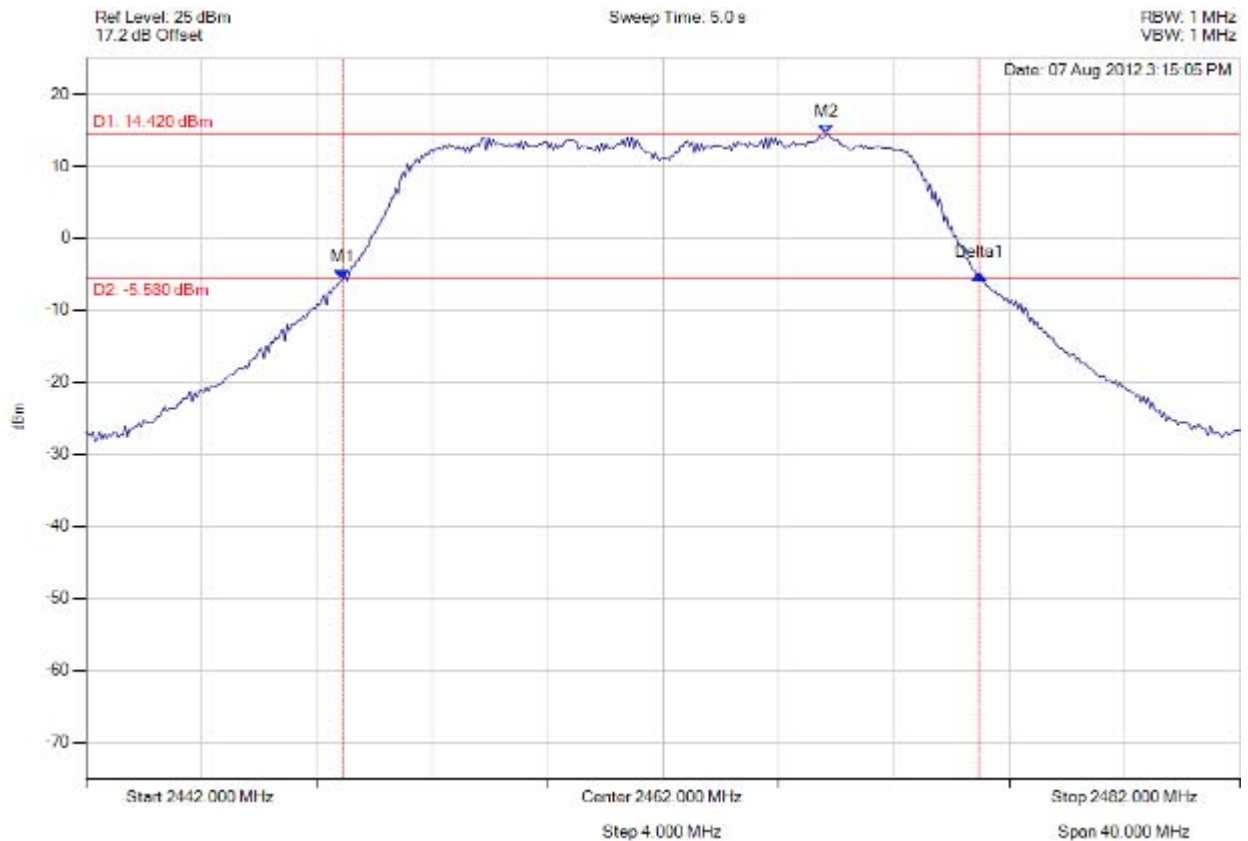


**Title:** AP0127450, AP0127460  
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**peak output power**

Variant: 802.11n HT-20, Channel: 2462.00 MHz, Chain C, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2450.898 MHz : -5.730 dBm M2 : 2467.651 MHz : 14.420 dBm Delta1 : 22.044 MHz : 0.626 dBm	Channel Power: 24.82 dBm Limit: 25.23 dBm Margin: -0.41 dB

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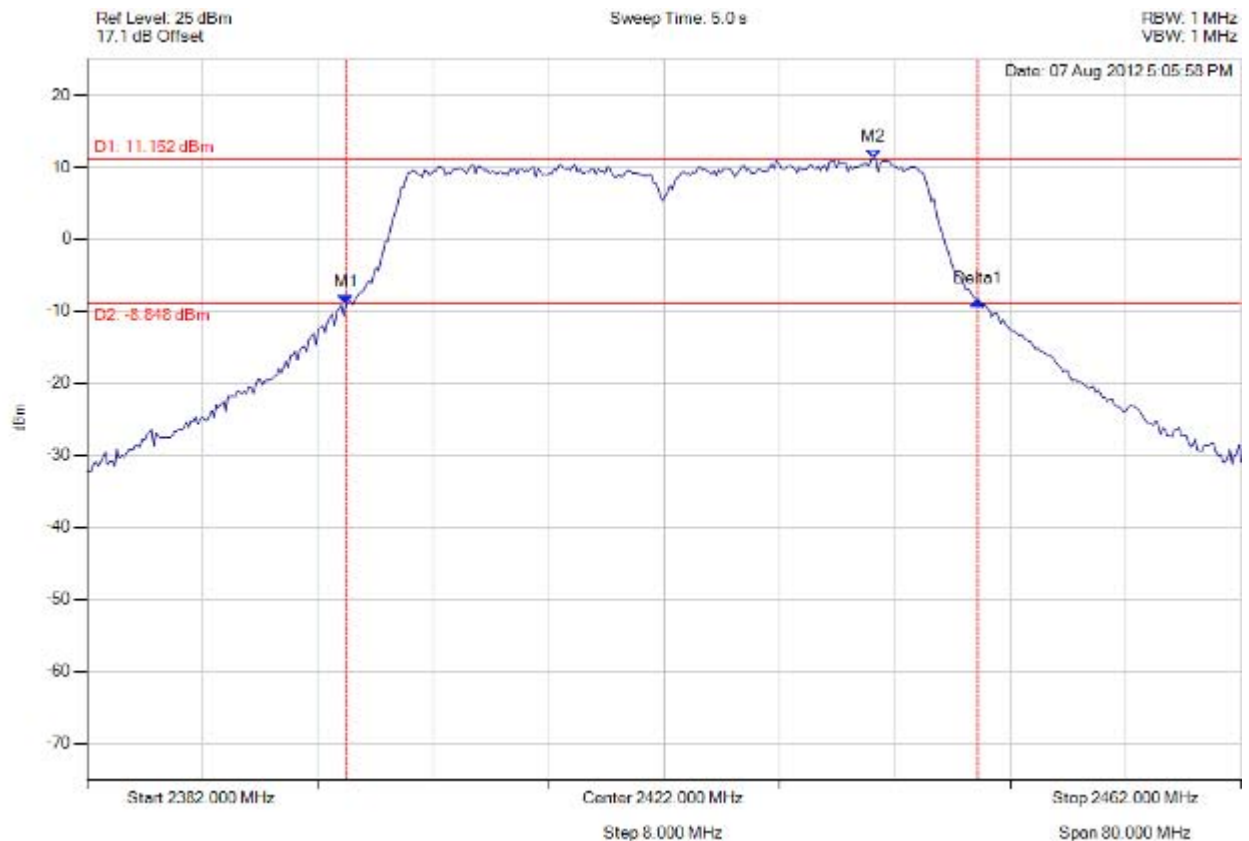
**Title:** AP0127450, AP0127460  
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3x3 802.11n HT-40



**peak output power**

Variant: 802.11n HT-40, Channel: 2422.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2399.956 MHz : -9.075 dBm M2 : 2436.509 MHz : 11.152 dBm Delta1 : 43.768 MHz : 0.604 dBm	Channel Power: 24.73 dBm Limit: 25.23 dBm Margin: -0.50 dB

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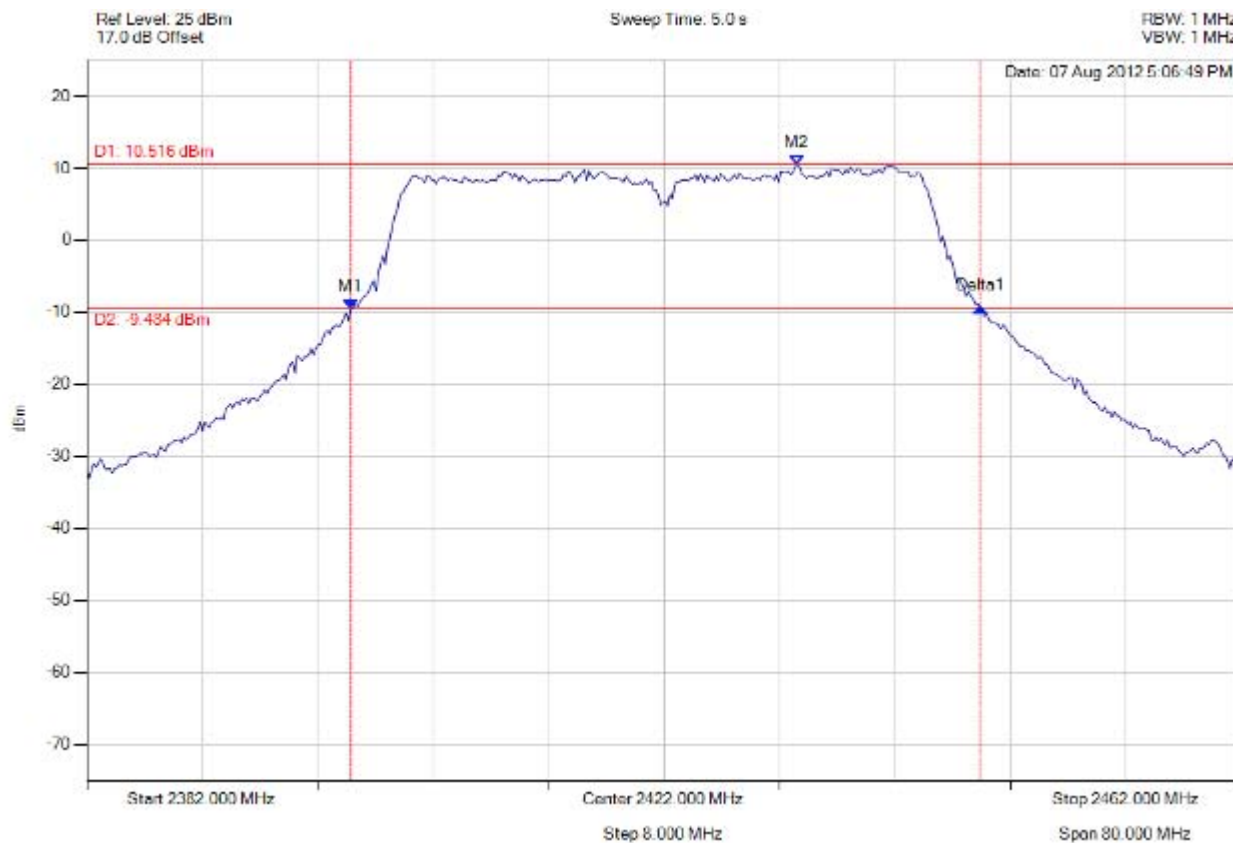


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#### peak output power

Variant: 802.11n HT-40, Channel: 2422.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2400.277 MHz : -9.602 dBm M2 : 2431.218 MHz : 10.516 dBm Delta1 : 43.607 MHz : 0.189 dBm	Channel Power: 23.91 dBm Limit: 25.23 dBm Margin: -1.32 dB

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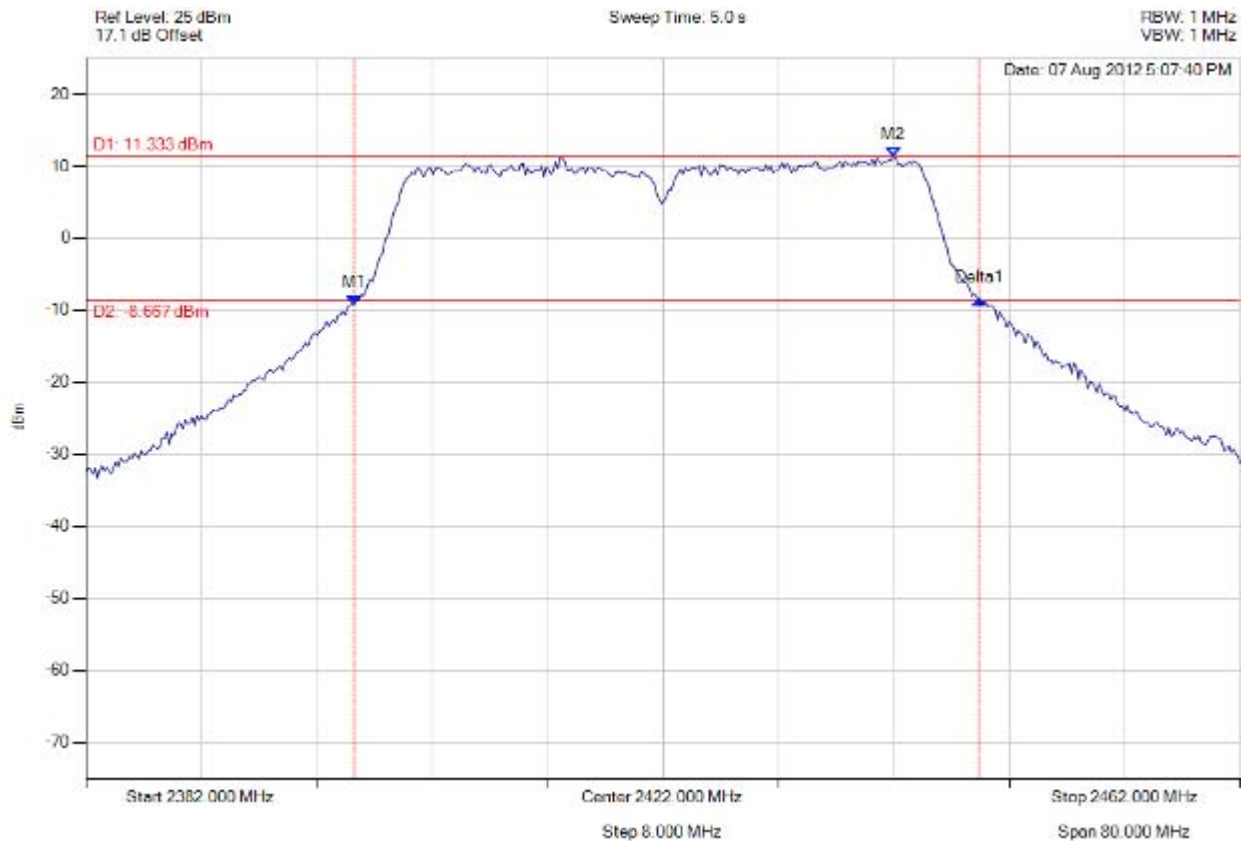


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**peak output power**

Variant: 802.11n HT-40, Channel: 2422.00 MHz, Chain C, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2400.597 MHz : -9.238 dBm M2 : 2437.952 MHz : 11.333 dBm Delta1 : 43.287 MHz : 0.765 dBm	Channel Power: 24.74 dBm Limit: 25.23 dBm Margin: -0.49 dB

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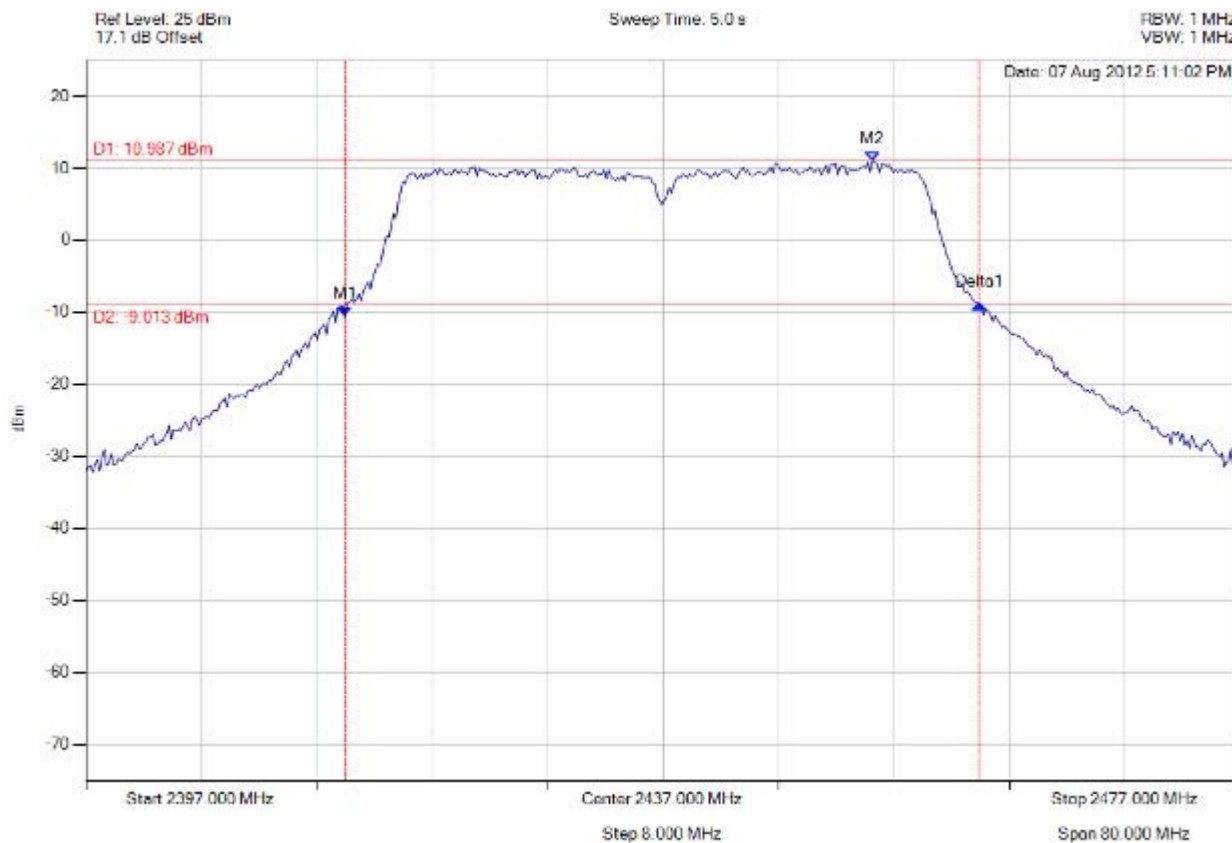


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#### peak output power

Variant: 802.11n HT-40, Channel: 2437.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2414.956 MHz : -10.599 dBm M2 : 2451.509 MHz : 10.987 dBm Delta1 : 43.928 MHz : 1.692 dBm	Channel Power: 24.50 dBm Limit: 25.23 dBm Margin: -0.73 dB

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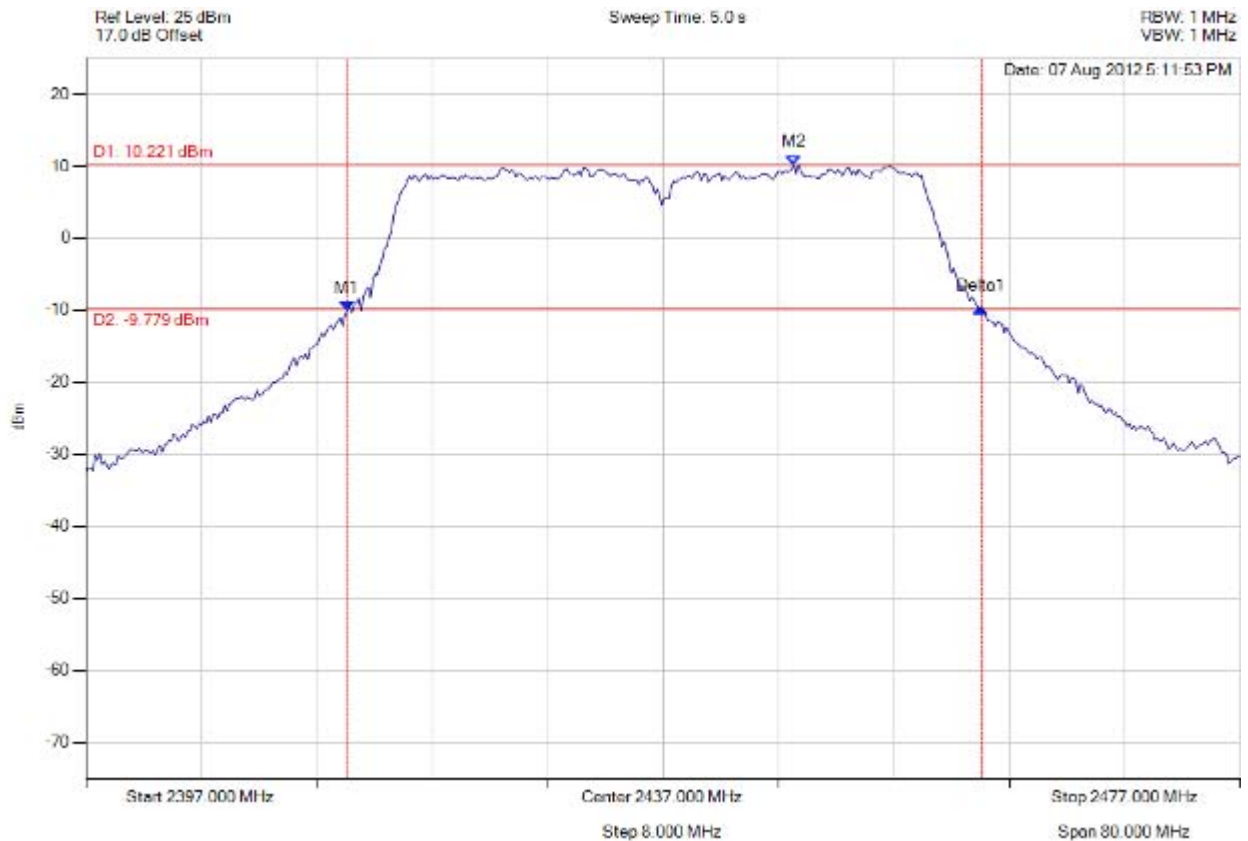


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**peak output power**

Variant: 802.11n HT-40, Channel: 2437.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2415.116 MHz : -10.025 dBm M2 : 2446.058 MHz : 10.221 dBm Delta1 : 43.928 MHz : 0.295 dBm	Channel Power: 23.84 dBm Limit: 25.23 dBm Margin: -1.39 dB

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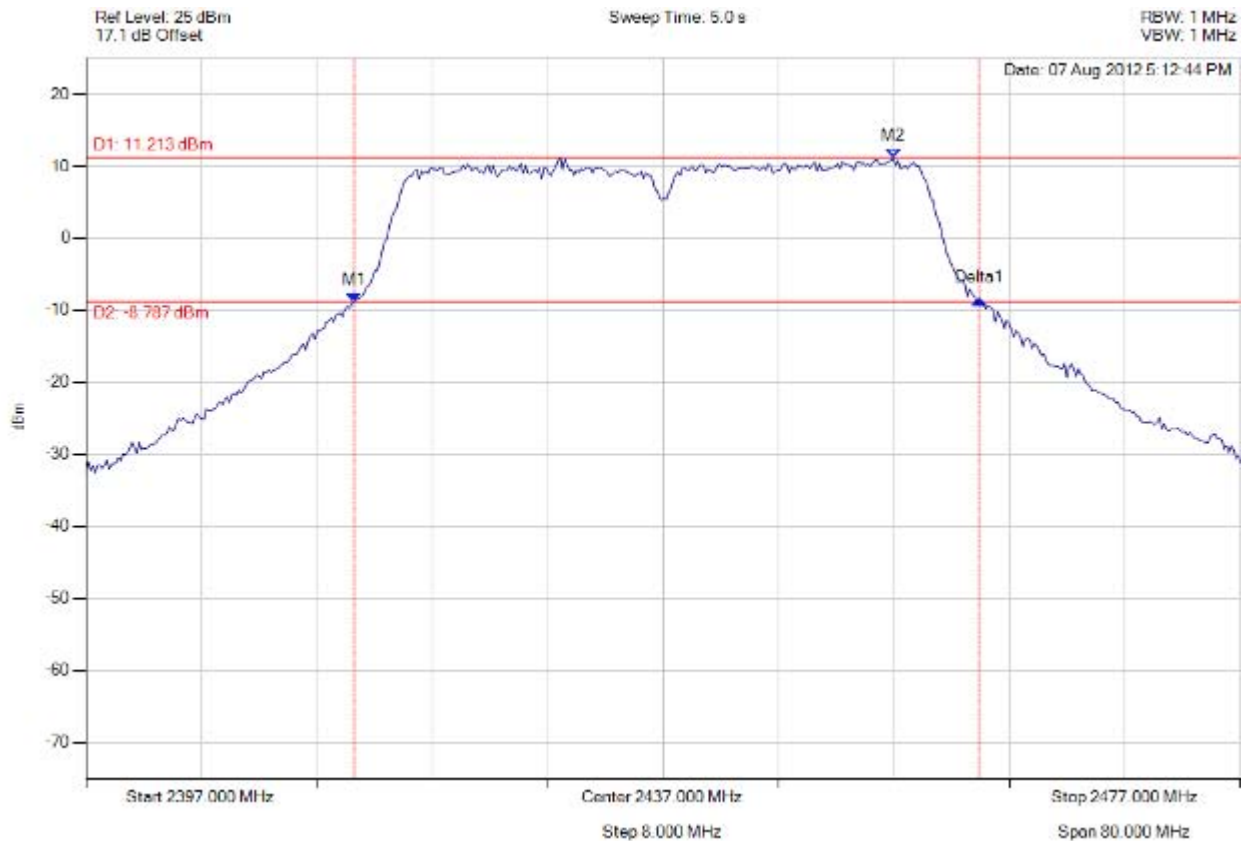


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#### peak output power

Variant: 802.11n HT-40, Channel: 2437.00 MHz, Chain C, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2415.597 MHz : -8.817 dBm M2 : 2452.952 MHz : 11.213 dBm Delta1 : 43.287 MHz : 0.256 dBm	Channel Power: 24.72 dBm Limit: 25.23 dBm Margin: -0.51 dB

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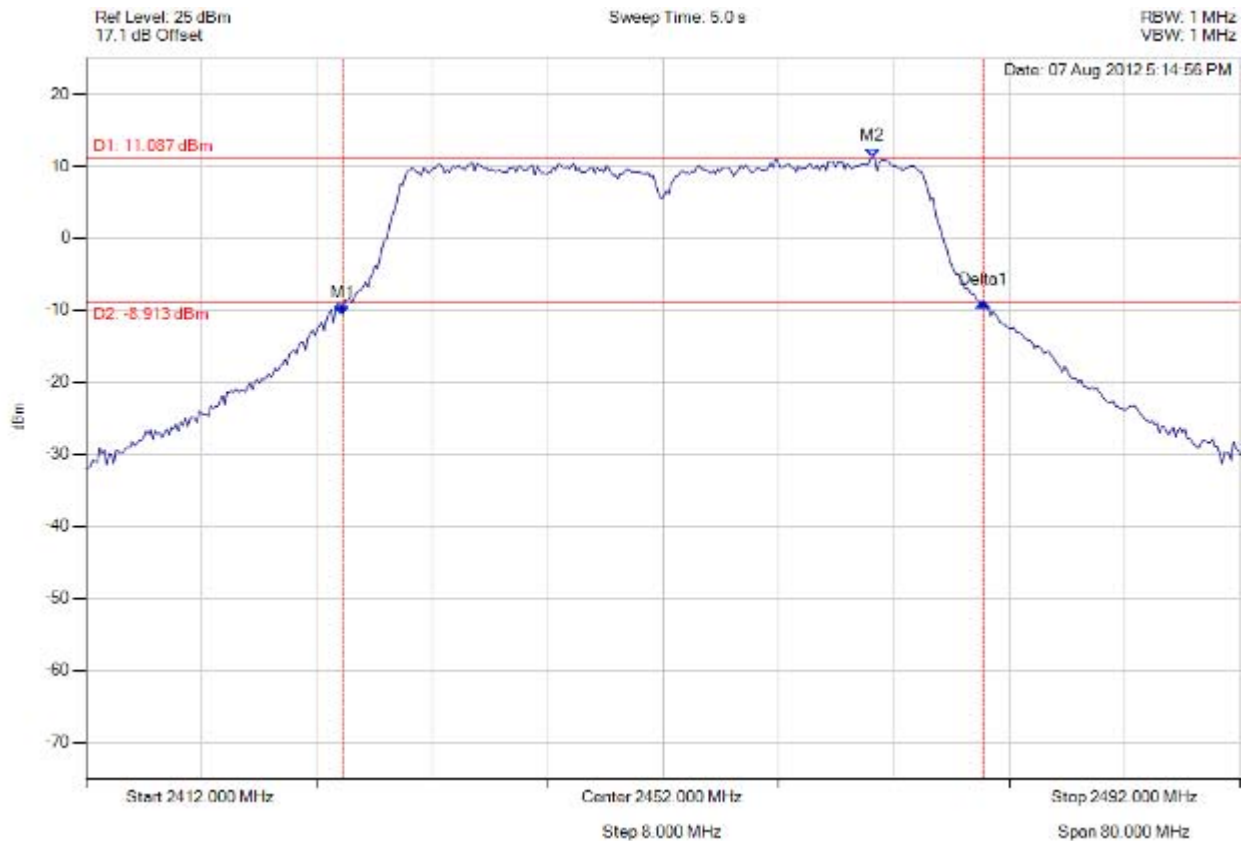


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**peak output power**

Variant: 802.11n HT-40, Channel: 2452.00 MHz, Chain A, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2429.796 MHz : -10.641 dBm M2 : 2466.509 MHz : 11.087 dBm Delta1 : 44.409 MHz : 1.792 dBm	Channel Power: 24.76 dBm Limit: 25.23 dBm Margin: -0.47 dB

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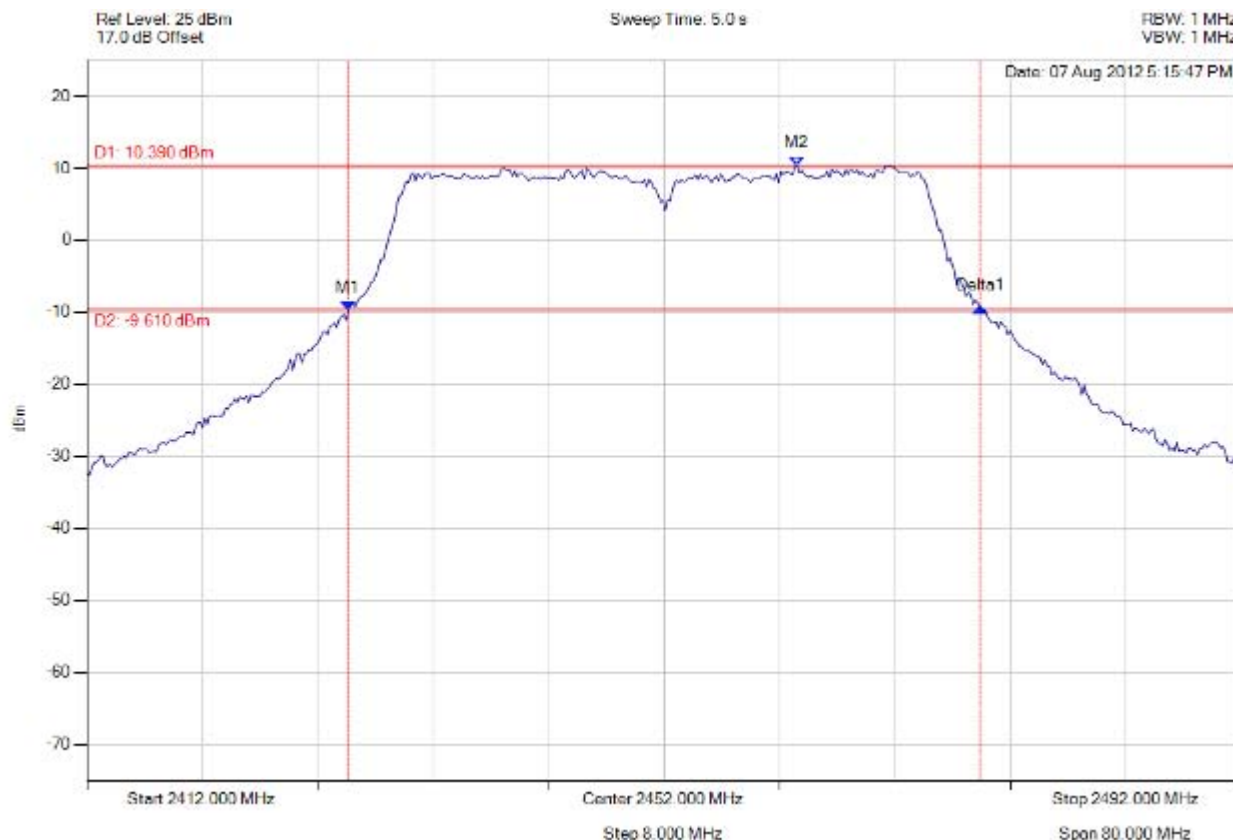


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# peak output power

Variant: 802.11n HT-40, Channel: 2452.00 MHz, Chain B, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2430.116 MHz : -9.657 dBm M2 : 2461.218 MHz : 10.390 dBm Delta1 : 43.768 MHz : 0.334 dBm	Channel Power: 24.05 dBm Limit: 25.23 dBm Margin: -1.18 dB

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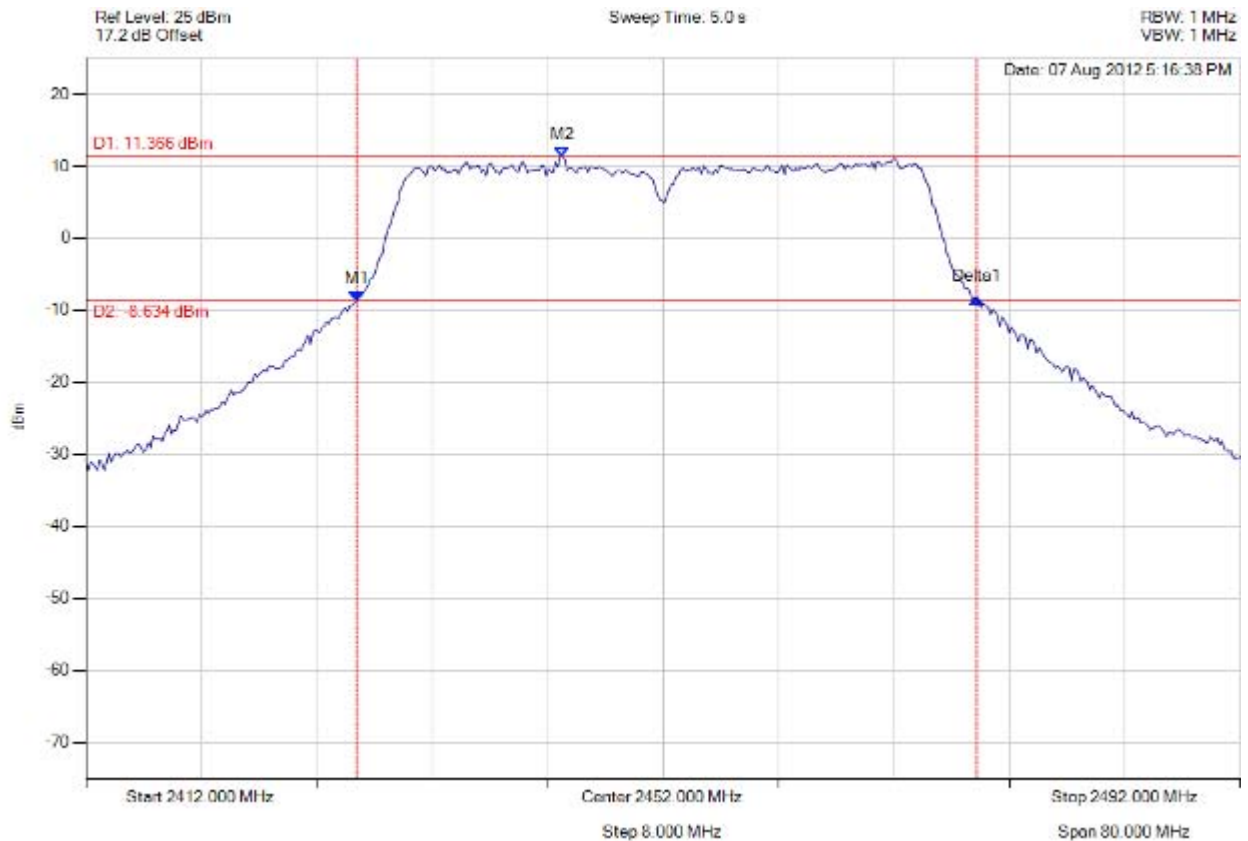


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**peak output power**

Variant: 802.11n HT-40, Channel: 2452.00 MHz, Chain C, Temp: Ambient, Voltage: 48.00 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2430.758 MHz : -8.720 dBm M2 : 2445.026 MHz : 11.366 dBm Delta1 : 42.966 MHz : 0.283 dBm	Channel Power: 24.72 dBm Limit: 25.23 dBm Margin: -0.51 dB

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