



Title: Aruba Networks APINR108, APINR109 Wireless AP
To: FCC 47 CFR Part 15.247 & IC RSS-210
Serial #: ARUB120-U1 Rev A
Issue Date: 28th November 2012
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APPENDIX

A. SUPPORTING INFORMATION

A.1. CONDUCTED TEST PLOTS

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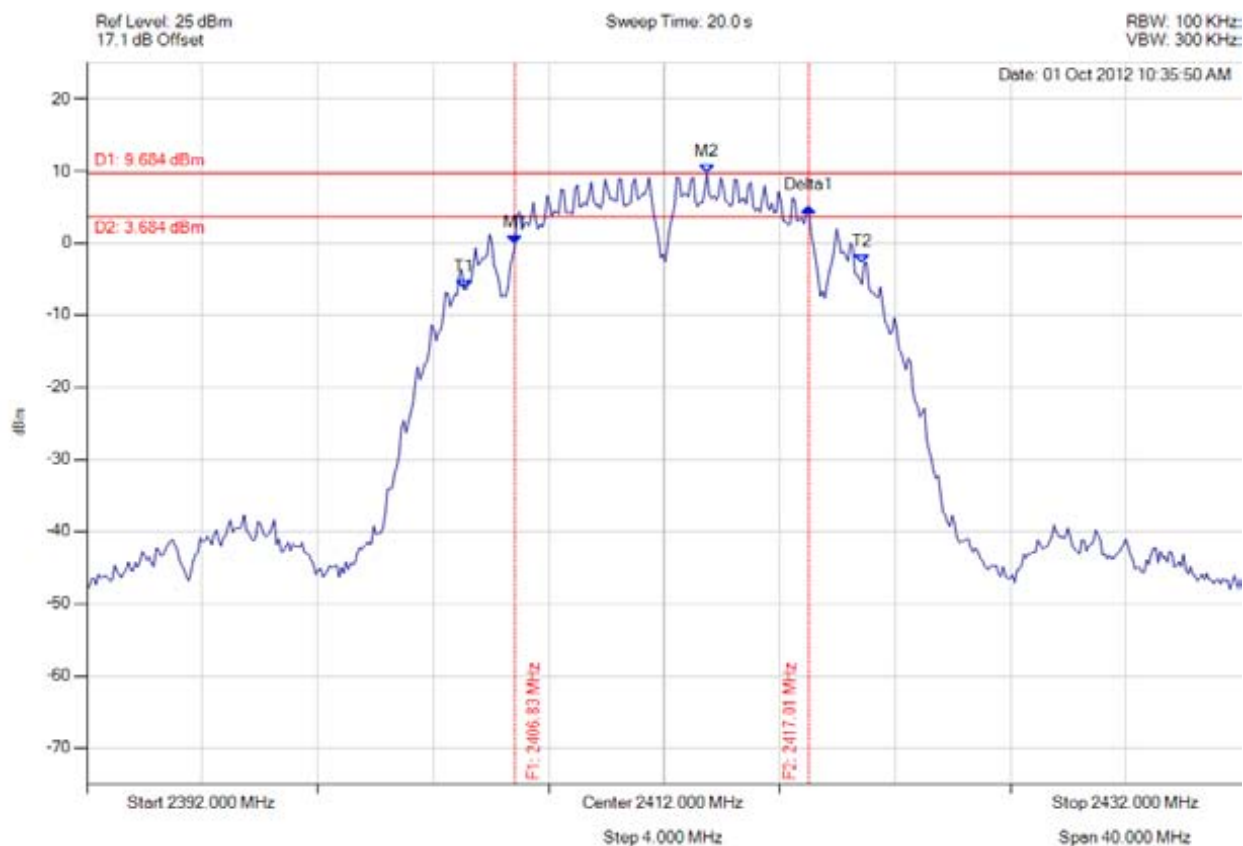
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A.1.1.1. 6 dB & 99% Bandwidth



6 dB 99%

Variant: 802.11b, Channel: 2412.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2406.830 MHz : -0.235 dBm M2 : 2413.483 MHz : 9.684 dBm Delta1 : 10.180 MHz : 5.251 dB T1 : 2405.066 MHz : -6.413 dBm T2 : 2418.854 MHz : -2.832 dBm OBW : 13.868 MHz	Measured 6 dB Bandwidth: 10.180 MHz Limit: ≥ 0.5 MHz Margin: -9.68 MHz

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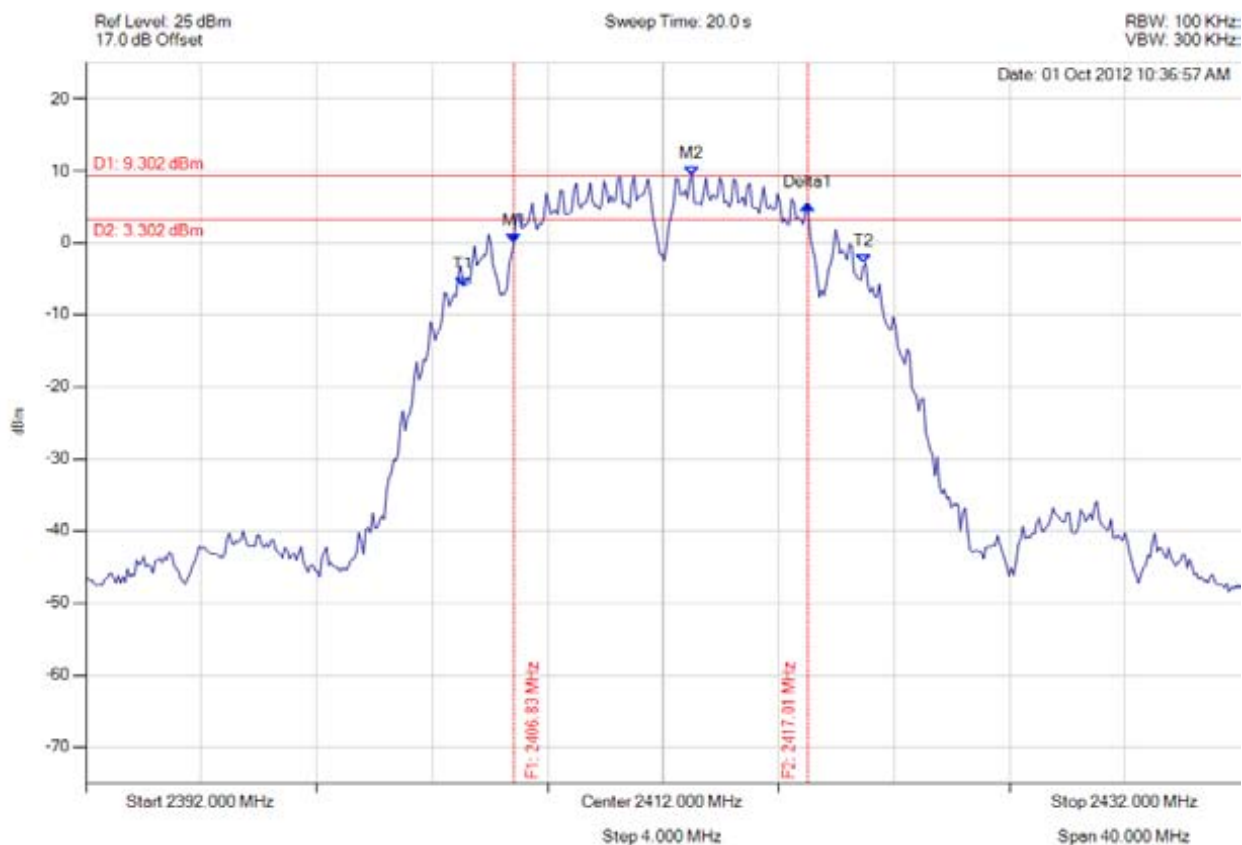


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6 dB 99%

Variant: 802.11b, Channel: 2412.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2406.830 MHz : 0.003 dBm M2 : 2413.002 MHz : 9.302 dBm Delta1 : 10.180 MHz : 5.359 dB T1 : 2405.066 MHz : -5.990 dBm T2 : 2418.934 MHz : -2.811 dBm OBW : 13.948 MHz	Measured 6 dB Bandwidth: 10.180 MHz Limit: ≥ 0.5 MHz Margin: -9.68 MHz

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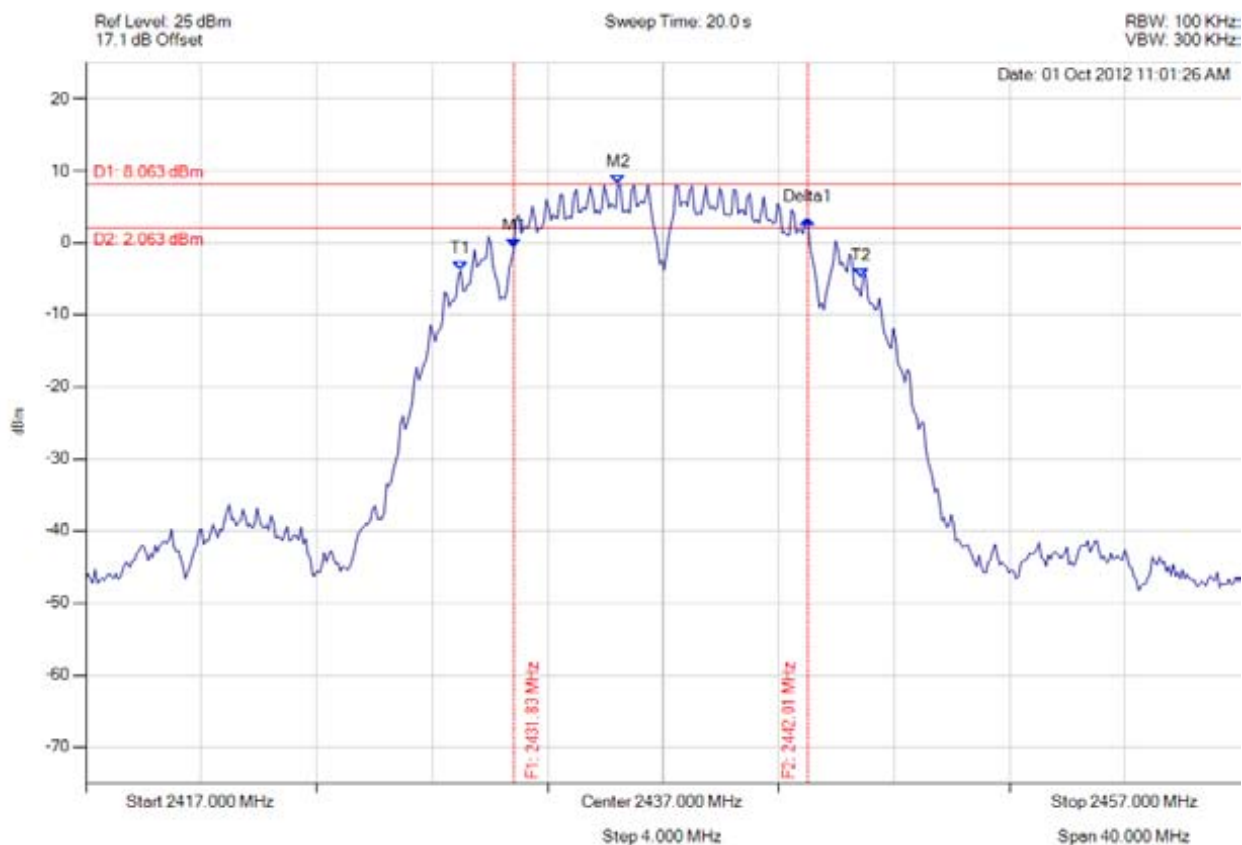


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6 dB 99%

Variant: 802.11b, Channel: 2437.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2431.830 MHz : -0.733 dBm M2 : 2435.437 MHz : 8.063 dBm Delta1 : 10.180 MHz : 4.076 dB T1 : 2429.986 MHz : -3.875 dBm T2 : 2443.854 MHz : -4.859 dBm OBW : 13.948 MHz	Measured 6 dB Bandwidth: 10.180 MHz Limit: ≥ 0.5 MHz Margin: -9.68 MHz

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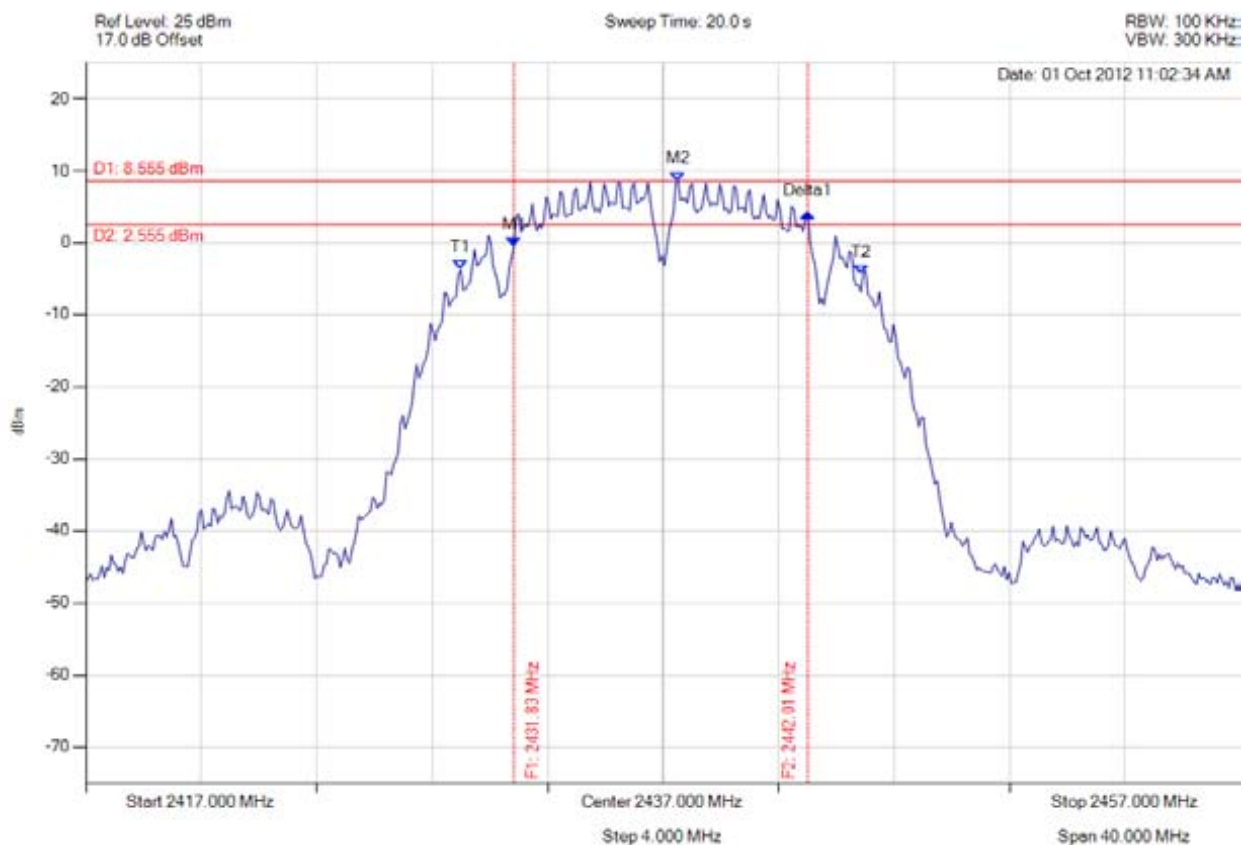


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6 dB 99%

Variant: 802.11b, Channel: 2437.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2431.830 MHz : -0.491 dBm M2 : 2437.521 MHz : 8.555 dBm Delta1 : 10.180 MHz : 4.692 dB T1 : 2429.986 MHz : -3.741 dBm T2 : 2443.854 MHz : -4.316 dBm OBW : 13.948 MHz	Measured 6 dB Bandwidth: 10.180 MHz Limit: ≥ 0.5 MHz Margin: -9.68 MHz

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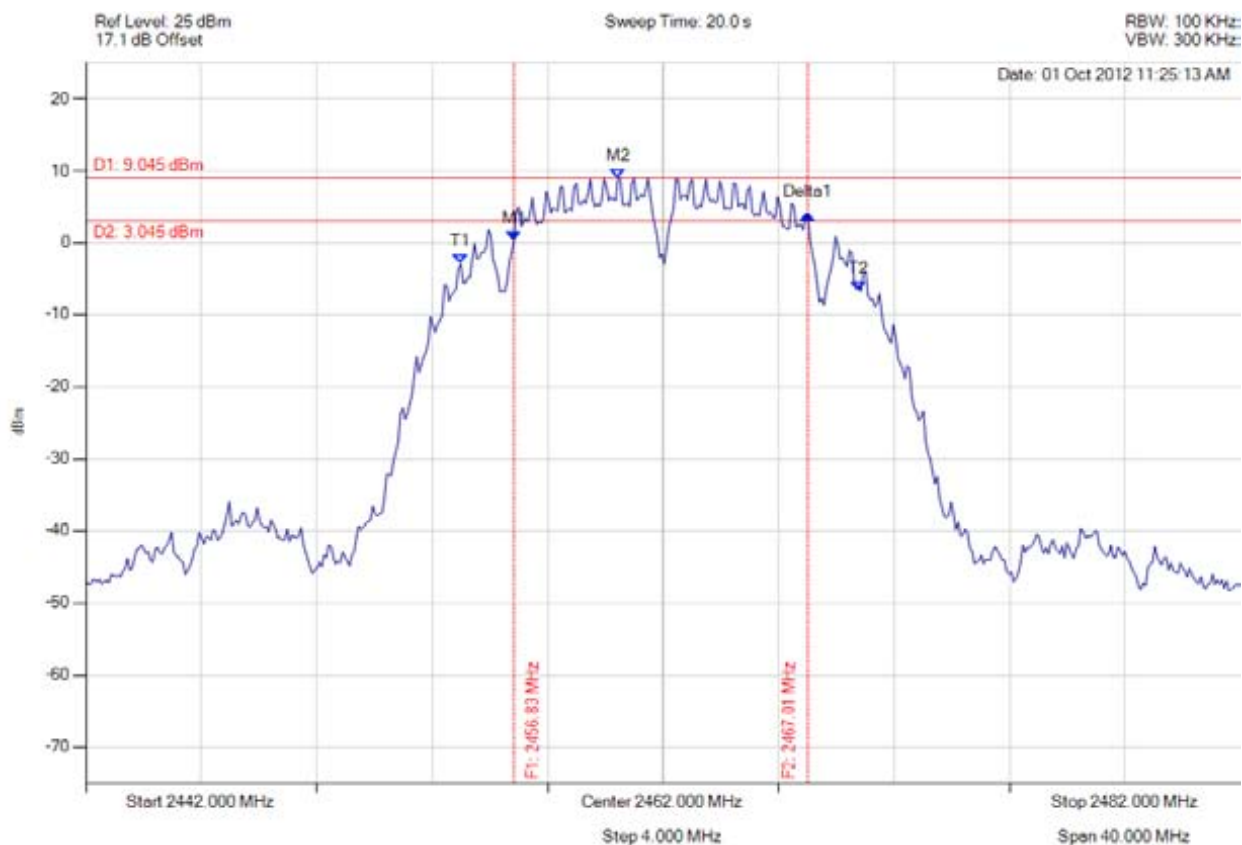


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6 dB 99%

Variant: 802.11b, Channel: 2462.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2456.830 MHz : 0.304 dBm M2 : 2460.437 MHz : 9.045 dBm Delta1 : 10.180 MHz : 3.726 dB T1 : 2454.986 MHz : -2.893 dBm T2 : 2468.774 MHz : -6.712 dBm OBW : 13.868 MHz	Measured 6 dB Bandwidth: 10.180 MHz Limit: ≥ 0.5 MHz Margin: -9.68 MHz

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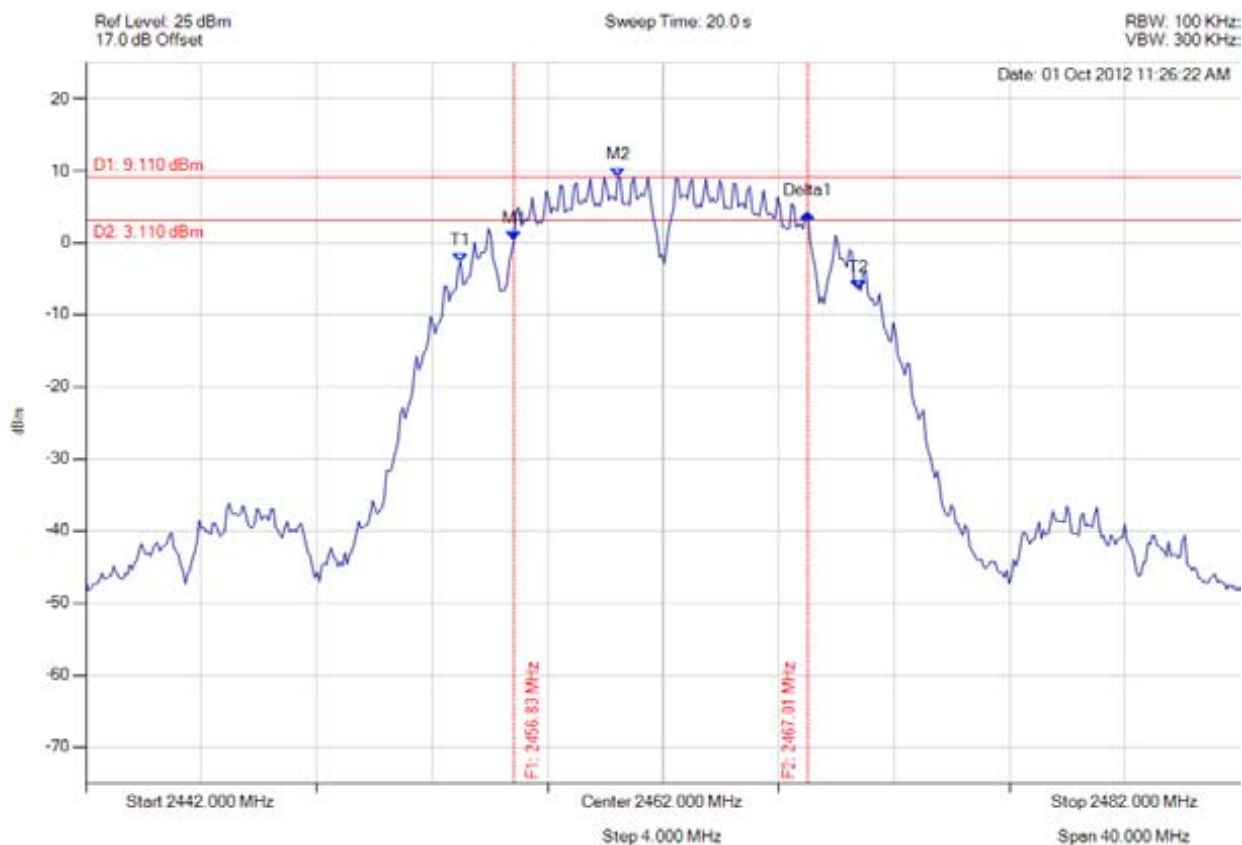


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6 dB 99%

Variant: 802.11b, Channel: 2462.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2456.830 MHz : 0.259 dBm M2 : 2460.437 MHz : 9.110 dBm Delta1 : 10.180 MHz : 3.811 dB T1 : 2454.986 MHz : -2.689 dBm T2 : 2468.774 MHz : -6.611 dBm OBW : 13.868 MHz	Measured 6 dB Bandwidth: 10.180 MHz Limit: ≥ 0.5 MHz Margin: -9.68 MHz

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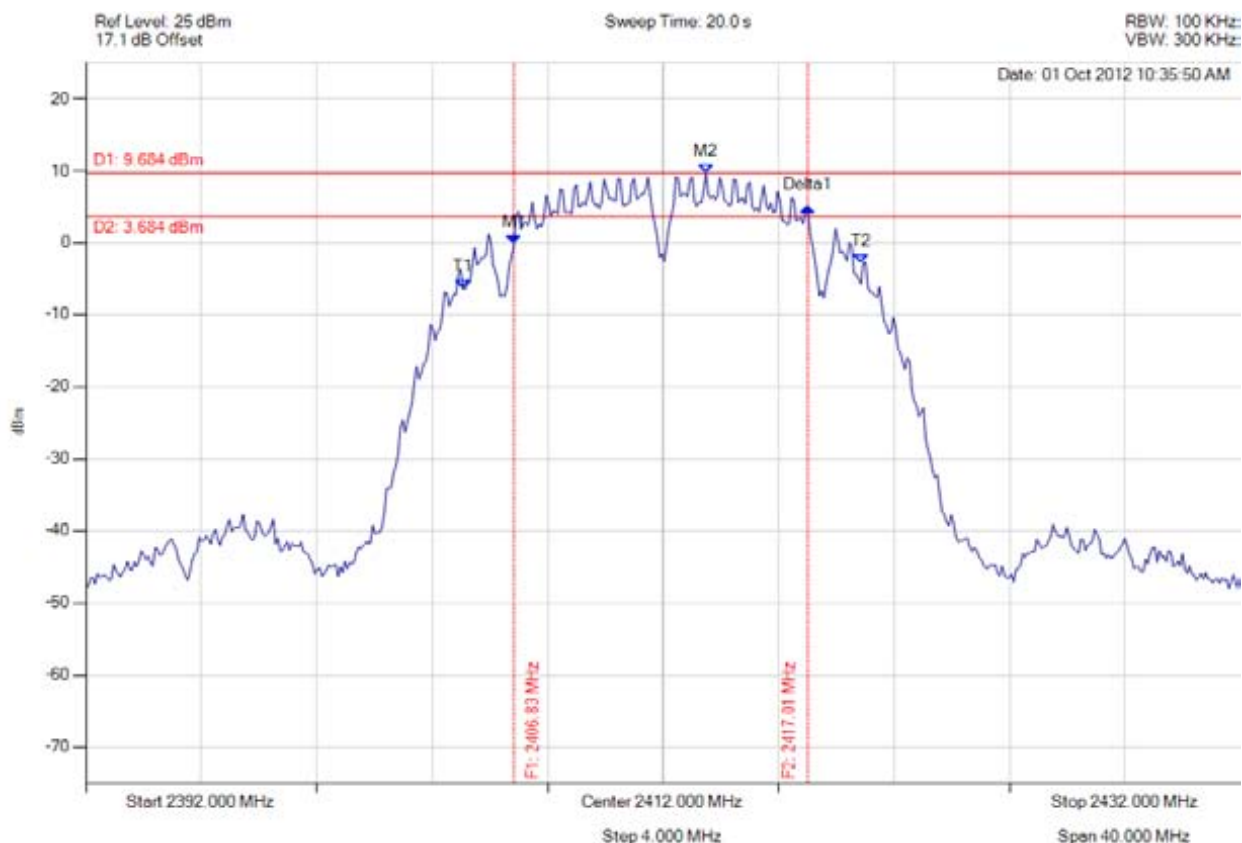


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6 dB 99%

Variant: 802.11b, Channel: 2412.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2406.830 MHz : -0.235 dBm M2 : 2413.483 MHz : 9.684 dBm Delta1 : 10.180 MHz : 5.251 dB T1 : 2405.066 MHz : -6.413 dBm T2 : 2418.854 MHz : -2.832 dBm OBW : 13.868 MHz	Measured 6 dB Bandwidth: 10.180 MHz Limit: ≥ 0.5 MHz Margin: -9.68 MHz

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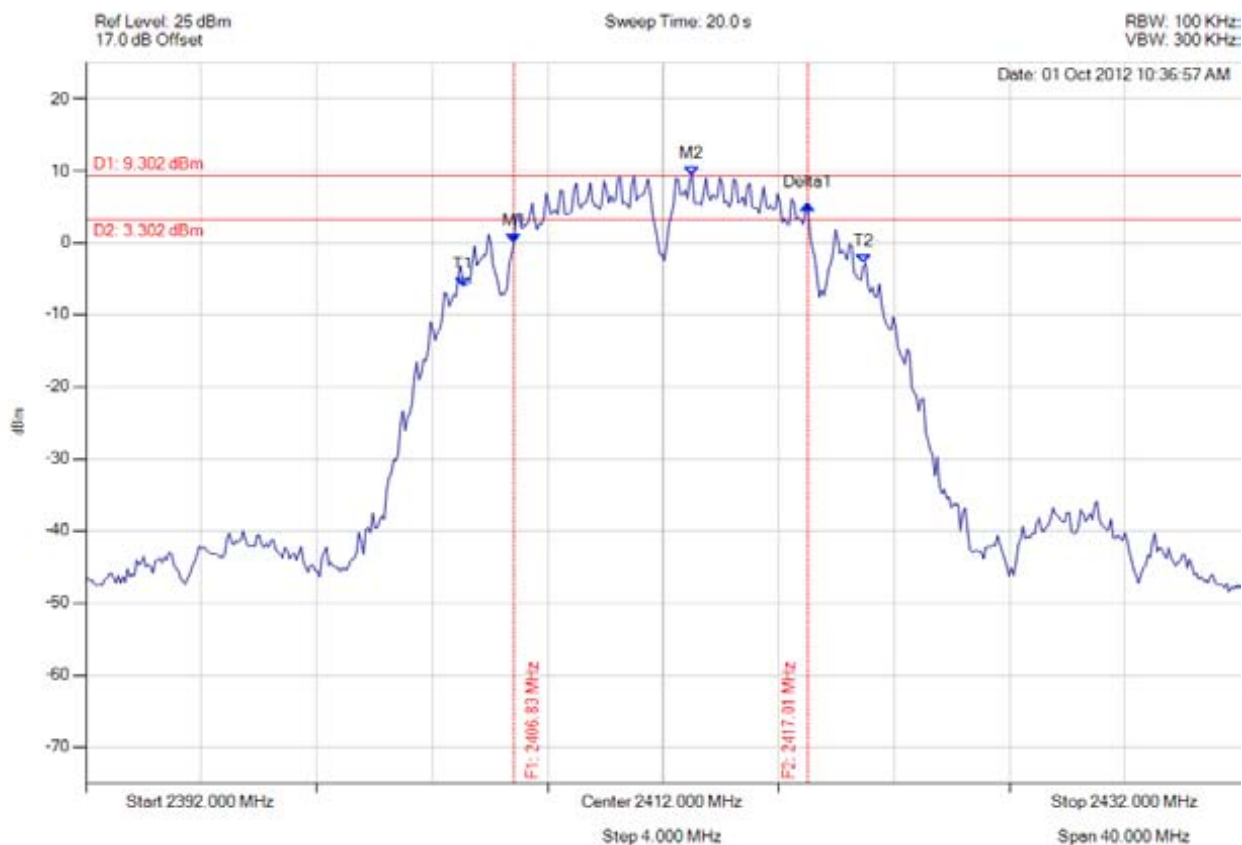


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6 dB 99%

Variant: 802.11b, Channel: 2412.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2406.830 MHz : 0.003 dBm M2 : 2413.002 MHz : 9.302 dBm Delta1 : 10.180 MHz : 5.359 dB T1 : 2405.066 MHz : -5.990 dBm T2 : 2418.934 MHz : -2.811 dBm OBW : 13.948 MHz	Measured 6 dB Bandwidth: 10.180 MHz Limit: ≥ 0.5 MHz Margin: -9.68 MHz

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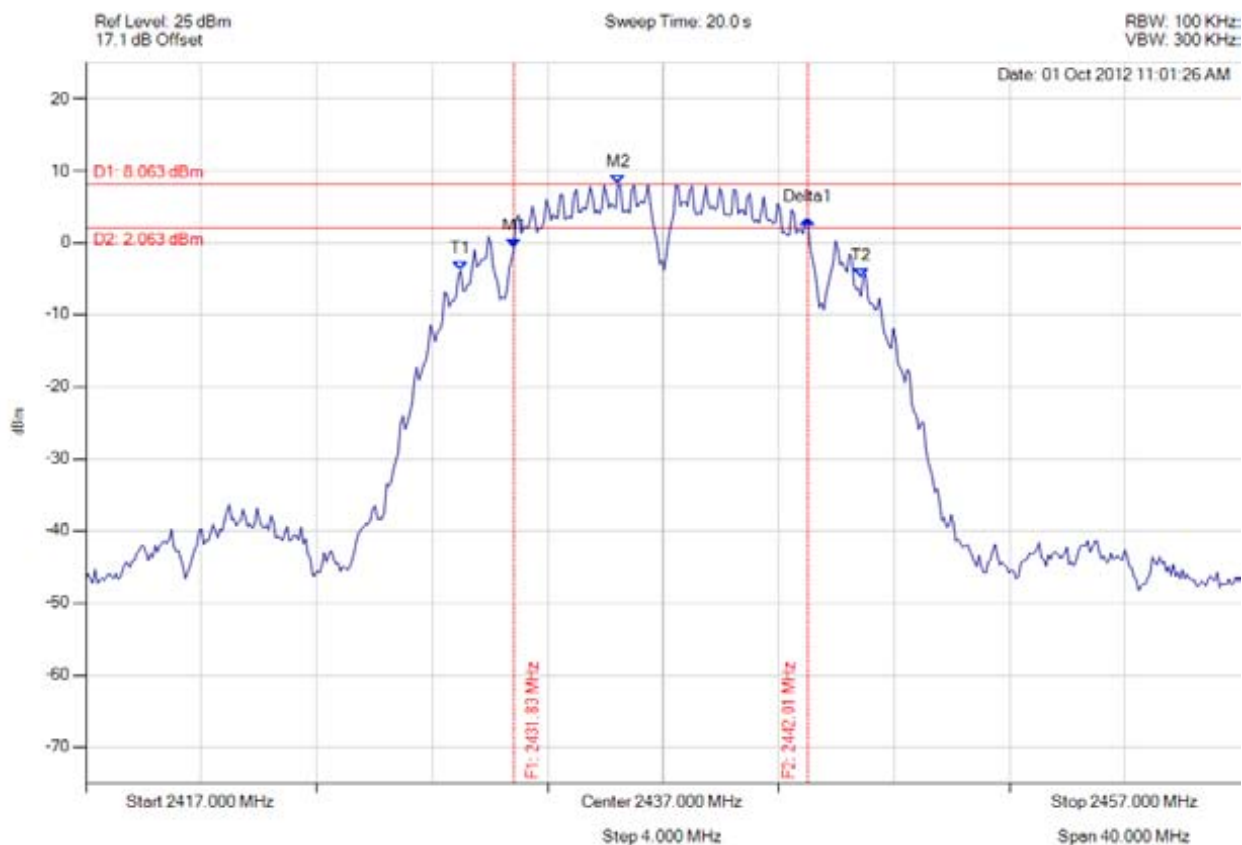


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6 dB 99%

Variant: 802.11b, Channel: 2437.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2431.830 MHz : -0.733 dBm M2 : 2435.437 MHz : 8.063 dBm Delta1 : 10.180 MHz : 4.076 dB T1 : 2429.986 MHz : -3.875 dBm T2 : 2443.854 MHz : -4.859 dBm OBW : 13.948 MHz	Measured 6 dB Bandwidth: 10.180 MHz Limit: ≥ 0.5 MHz Margin: -9.68 MHz

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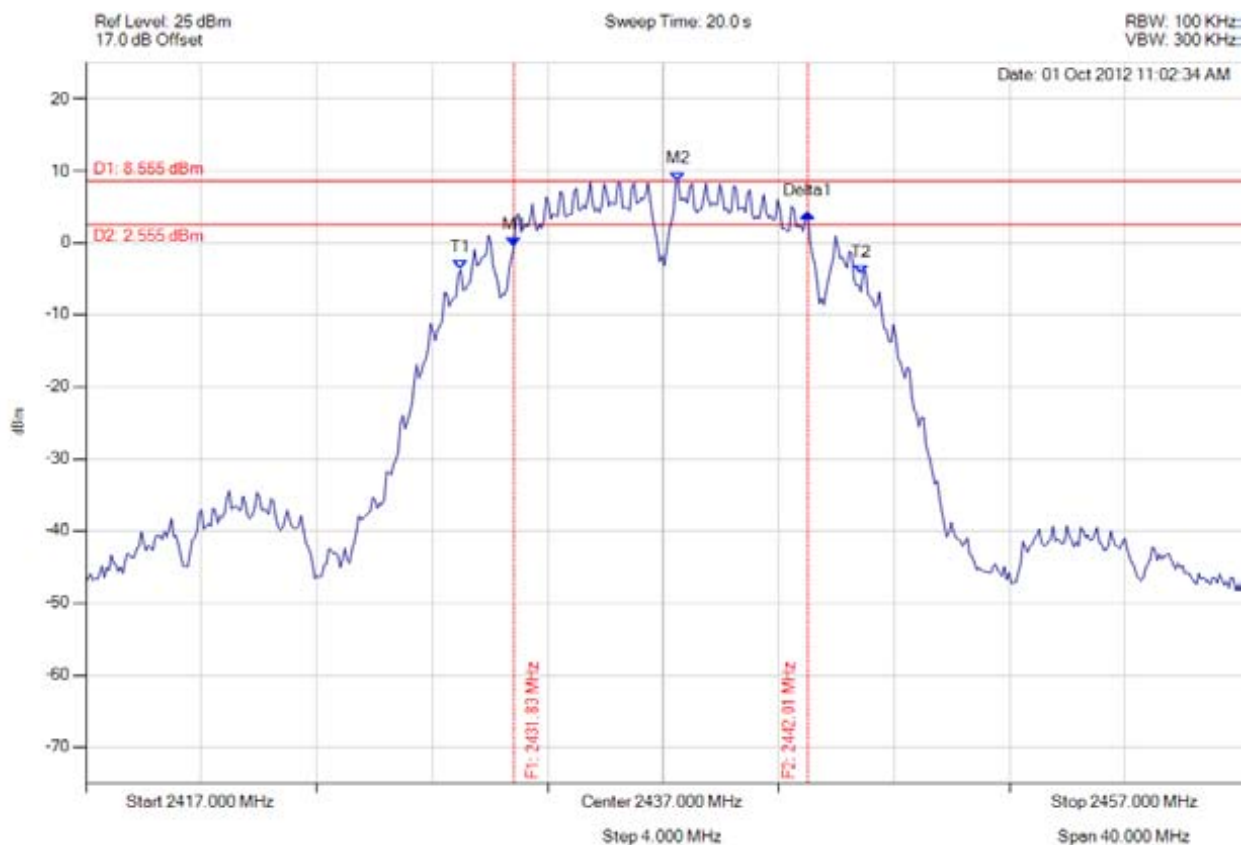


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6 dB 99%

Variant: 802.11b, Channel: 2437.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2431.830 MHz : -0.491 dBm M2 : 2437.521 MHz : 8.555 dBm Delta1 : 10.180 MHz : 4.692 dB T1 : 2429.986 MHz : -3.741 dBm T2 : 2443.854 MHz : -4.316 dBm OBW : 13.948 MHz	Measured 6 dB Bandwidth: 10.180 MHz Limit: ≥ 0.5 MHz Margin: -9.68 MHz

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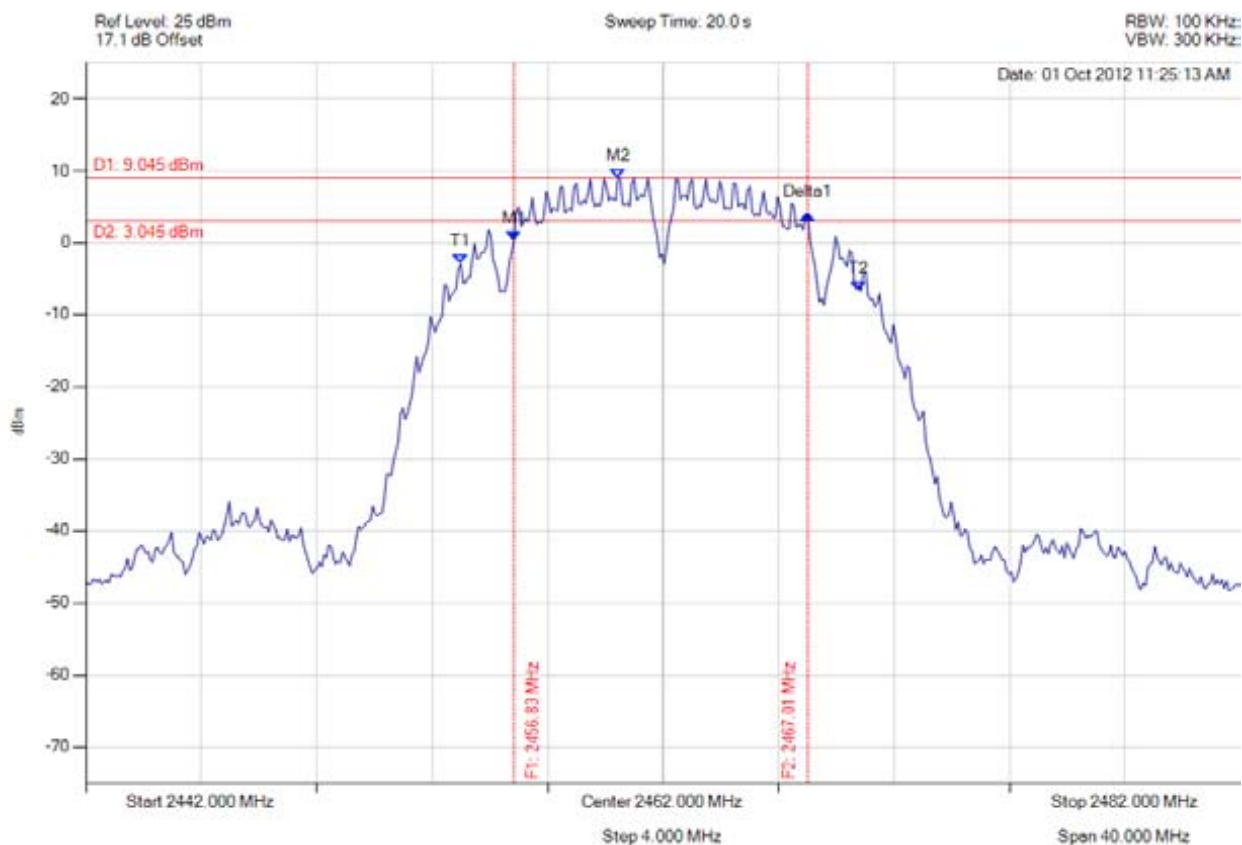


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6 dB 99%

Variant: 802.11b, Channel: 2462.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2456.830 MHz : 0.304 dBm M2 : 2460.437 MHz : 9.045 dBm Delta1 : 10.180 MHz : 3.726 dB T1 : 2454.986 MHz : -2.893 dBm T2 : 2468.774 MHz : -6.712 dBm OBW : 13.868 MHz	Measured 6 dB Bandwidth: 10.180 MHz Limit: ≥ 0.5 MHz Margin: -9.68 MHz

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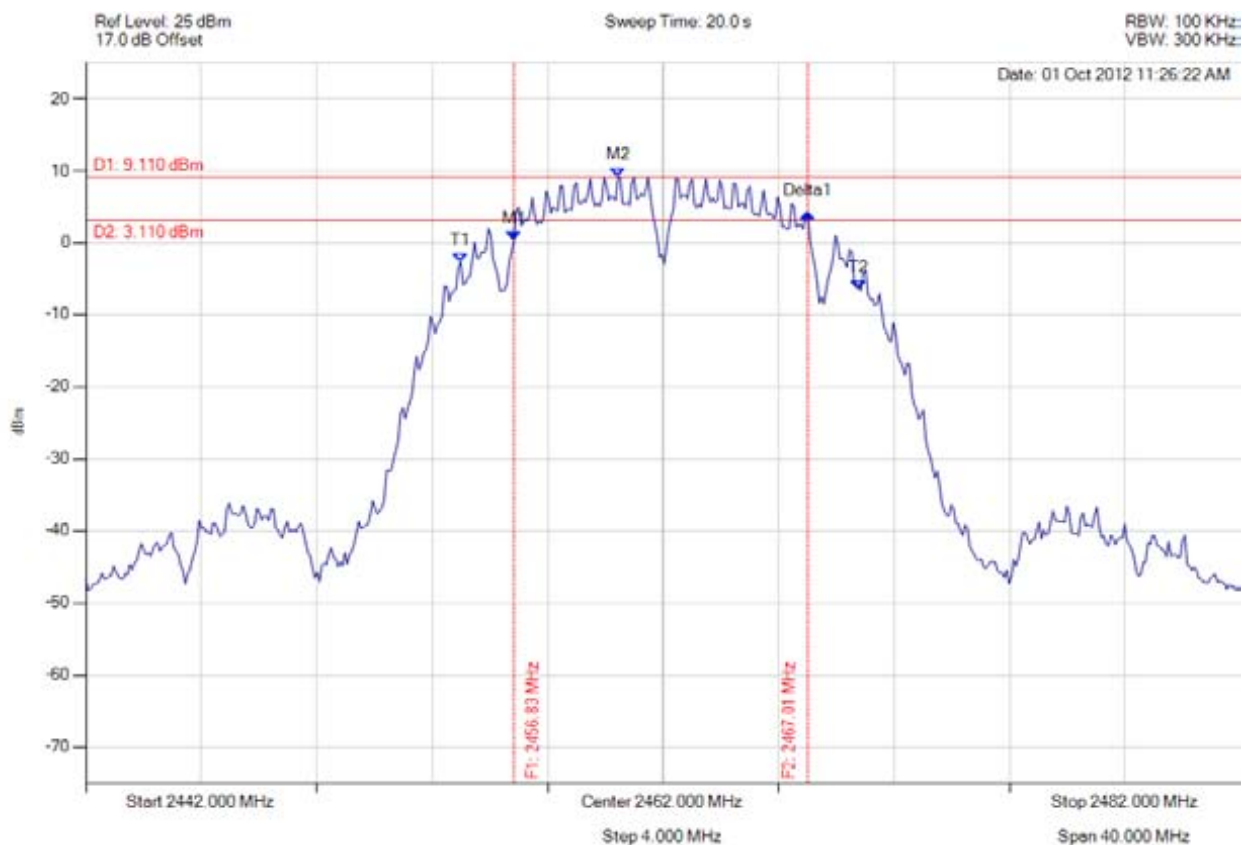


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6 dB 99%

Variant: 802.11b, Channel: 2462.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2456.830 MHz : 0.259 dBm M2 : 2460.437 MHz : 9.110 dBm Delta1 : 10.180 MHz : 3.811 dB T1 : 2454.986 MHz : -2.689 dBm T2 : 2468.774 MHz : -6.611 dBm OBW : 13.868 MHz	Measured 6 dB Bandwidth: 10.180 MHz Limit: ≥ 0.5 MHz Margin: -9.68 MHz

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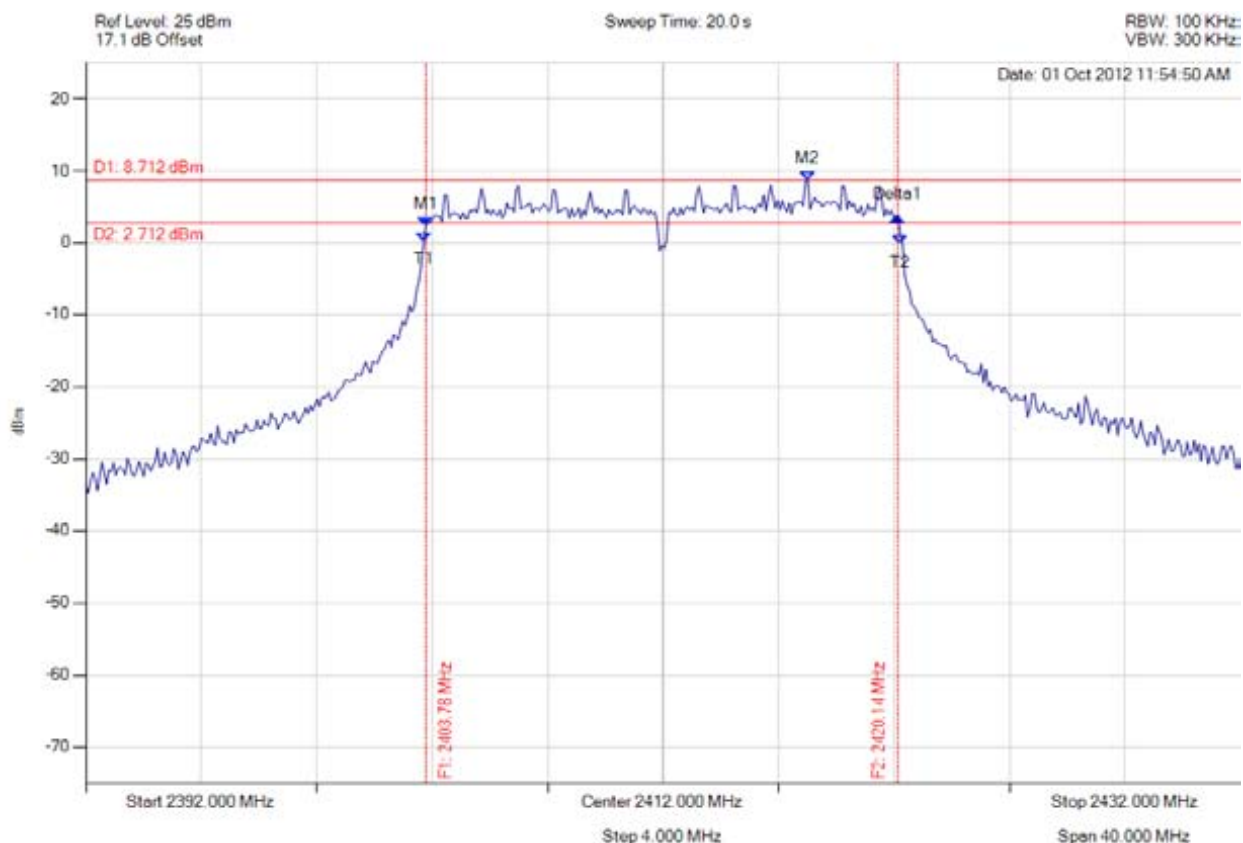


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6 dB 99%

Variant: 802.11g, Channel: 2412.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.784 MHz : 2.316 dBm M2 : 2417.010 MHz : 8.712 dBm Delta1 : 16.353 MHz : 1.361 dB T1 : 2403.703 MHz : 0.174 dBm T2 : 2420.216 MHz : -0.202 dBm OBW : 16.593 MHz	Measured 6 dB Bandwidth: 16.353 MHz Limit: ≥ 0.5 MHz Margin: -15.85 MHz

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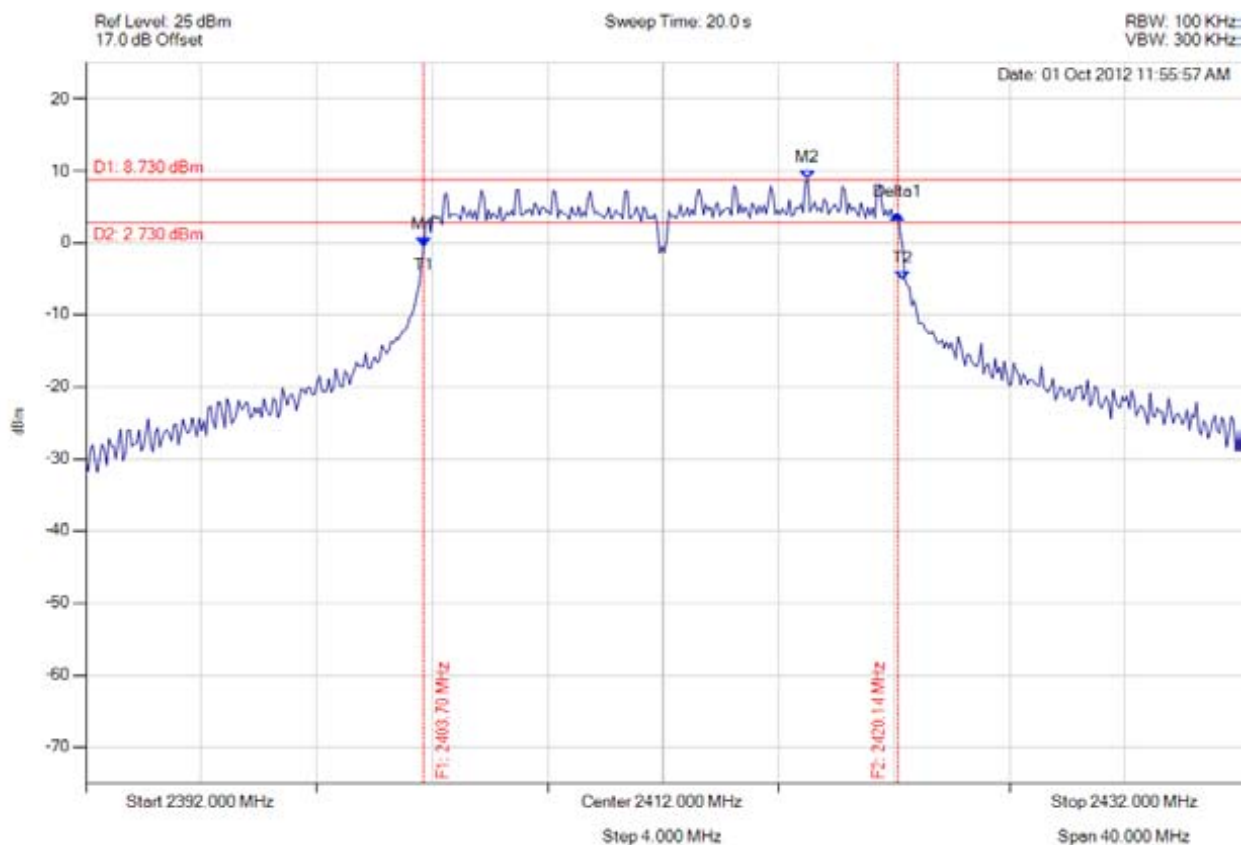


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6 dB 99%

Variant: 802.11g, Channel: 2412.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.703 MHz : -0.556 dBm M2 : 2417.010 MHz : 8.730 dBm Delta1 : 16.433 MHz : 4.501 dB T1 : 2403.703 MHz : -0.556 dBm T2 : 2420.297 MHz : -5.140 dBm OBW : 16.673 MHz	Measured 6 dB Bandwidth: 16.433 MHz Limit: ≥ 0.5 MHz Margin: -15.93 MHz

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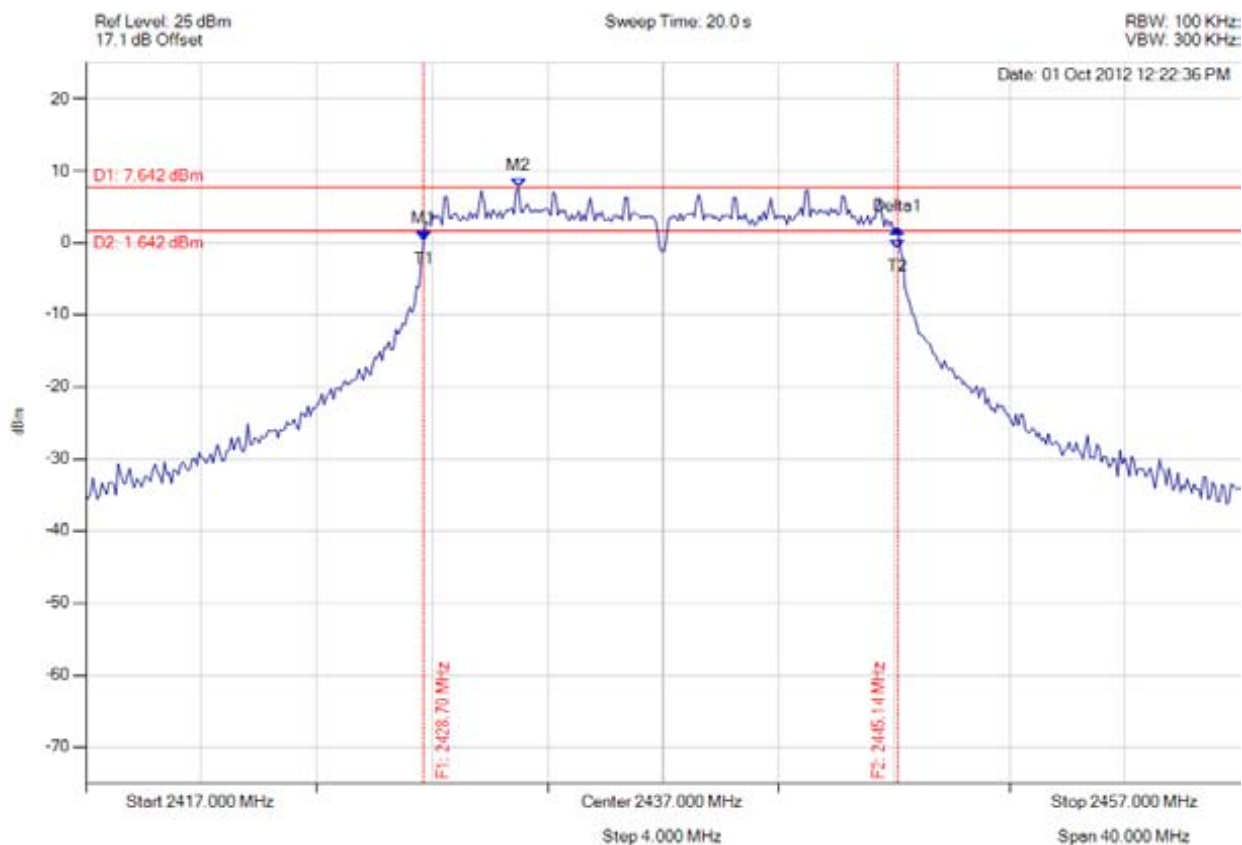


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6 dB 99%

Variant: 802.11g, Channel: 2437.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2428.703 MHz : 0.327 dBm M2 : 2431.990 MHz : 7.642 dBm Delta1 : 16.433 MHz : 1.658 dB T1 : 2428.703 MHz : 0.327 dBm T2 : 2445.136 MHz : -0.835 dBm OBW : 16.513 MHz	Measured 6 dB Bandwidth: 16.433 MHz Limit: ≥ 0.5 MHz Margin: -15.93 MHz

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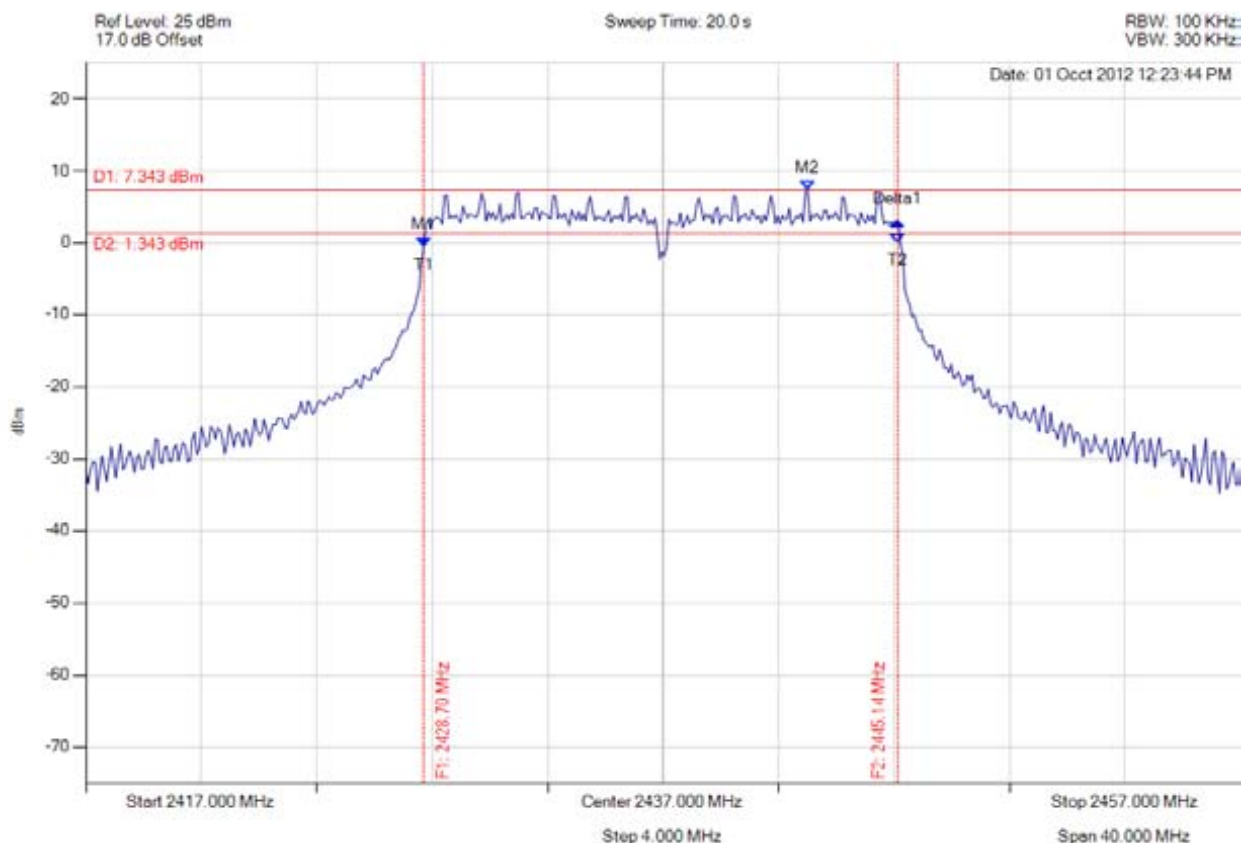


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6 dB 99%

Variant: 802.11g, Channel: 2437.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2428.703 MHz : -0.560 dBm M2 : 2442.010 MHz : 7.343 dBm Delta1 : 16.433 MHz : 3.551 dB T1 : 2428.703 MHz : -0.560 dBm T2 : 2445.136 MHz : 0.028 dBm OBW : 16.513 MHz	Measured 6 dB Bandwidth: 16.433 MHz Limit: ≥ 0.5 MHz Margin: -15.93 MHz

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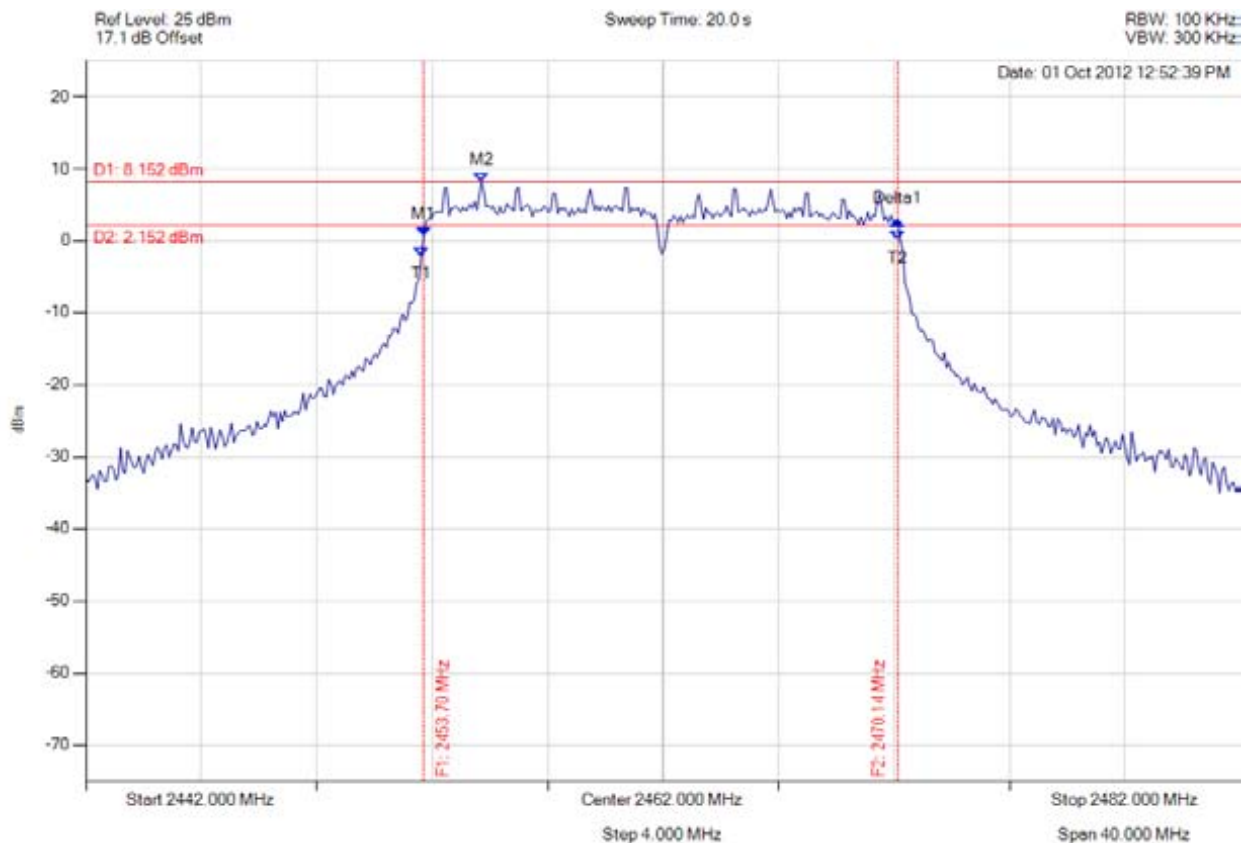


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6 dB 99%

Variant: 802.11g, Channel: 2462.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2453.703 MHz : 0.556 dBm M2 : 2455.707 MHz : 8.152 dBm Delta1 : 16.433 MHz : 2.231 dB T1 : 2453.623 MHz : -2.144 dBm T2 : 2470.136 MHz : 0.121 dBm OBW : 16.593 MHz	Measured 6 dB Bandwidth: 16.433 MHz Limit: ≥ 0.5 MHz Margin: -15.93 MHz

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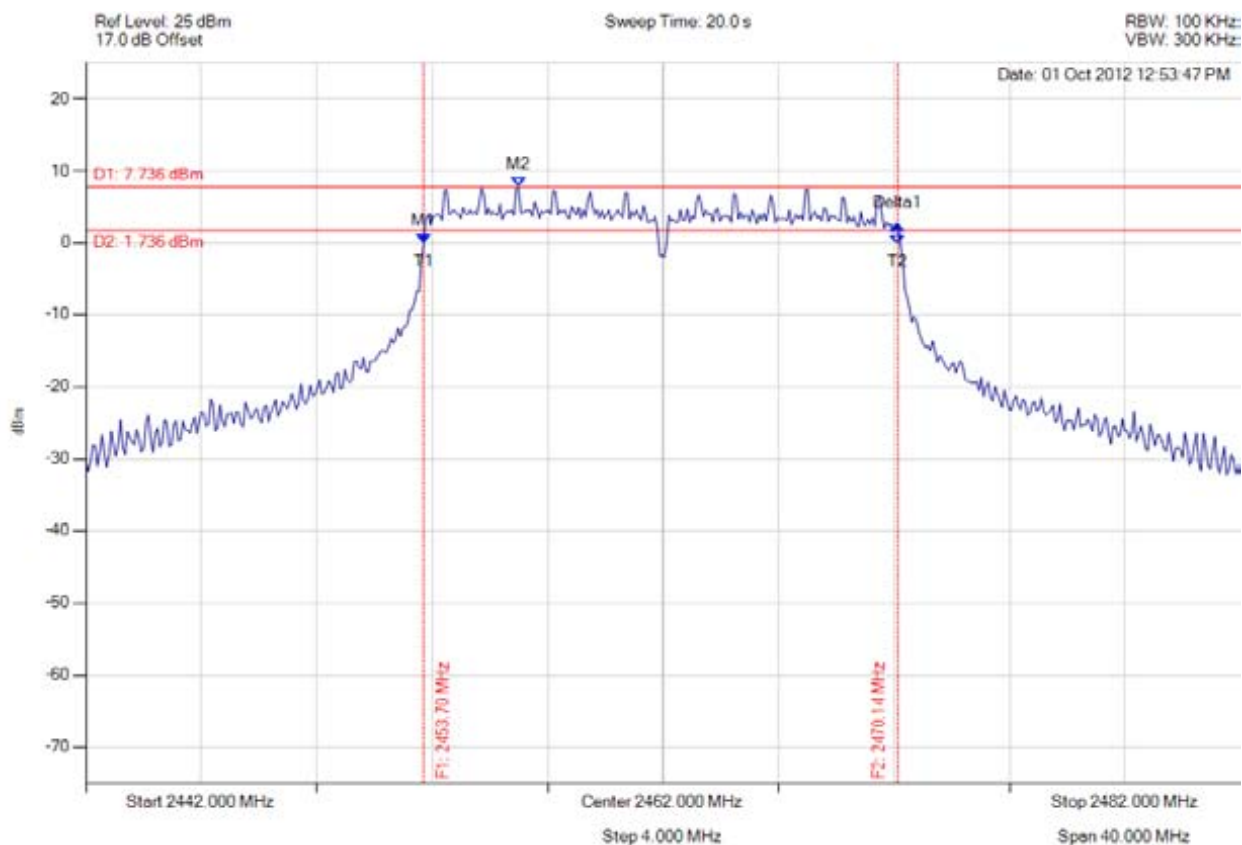


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6 dB 99%

Variant: 802.11g, Channel: 2462.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2453.703 MHz : -0.060 dBm M2 : 2456.990 MHz : 7.736 dBm Delta1 : 16.433 MHz : 2.579 dB T1 : 2453.703 MHz : -0.060 dBm T2 : 2470.136 MHz : -0.137 dBm OBW : 16.513 MHz	Measured 6 dB Bandwidth: 16.433 MHz Limit: ≥ 0.5 MHz Margin: -15.93 MHz

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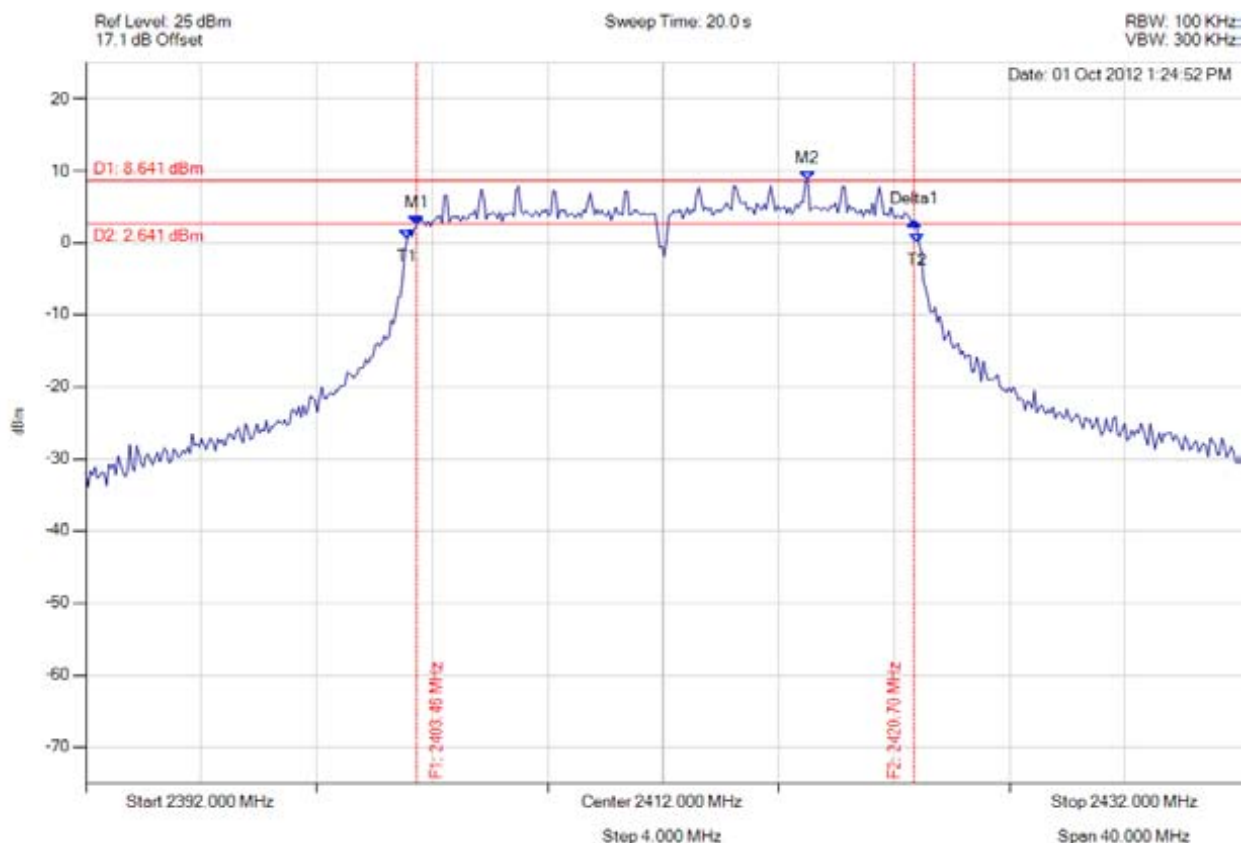


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6 dB 99%

Variant: 802.11n HT-20, Channel: 2412.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.463 MHz : 2.537 dBm M2 : 2417.010 MHz : 8.641 dBm Delta1 : 17.234 MHz : 0.456 dB T1 : 2403.142 MHz : 0.546 dBm T2 : 2420.778 MHz : -0.001 dBm OBW : 17.715 MHz	Measured 6 dB Bandwidth: 17.234 MHz Limit: ≥ 0.5 MHz Margin: -16.73 MHz

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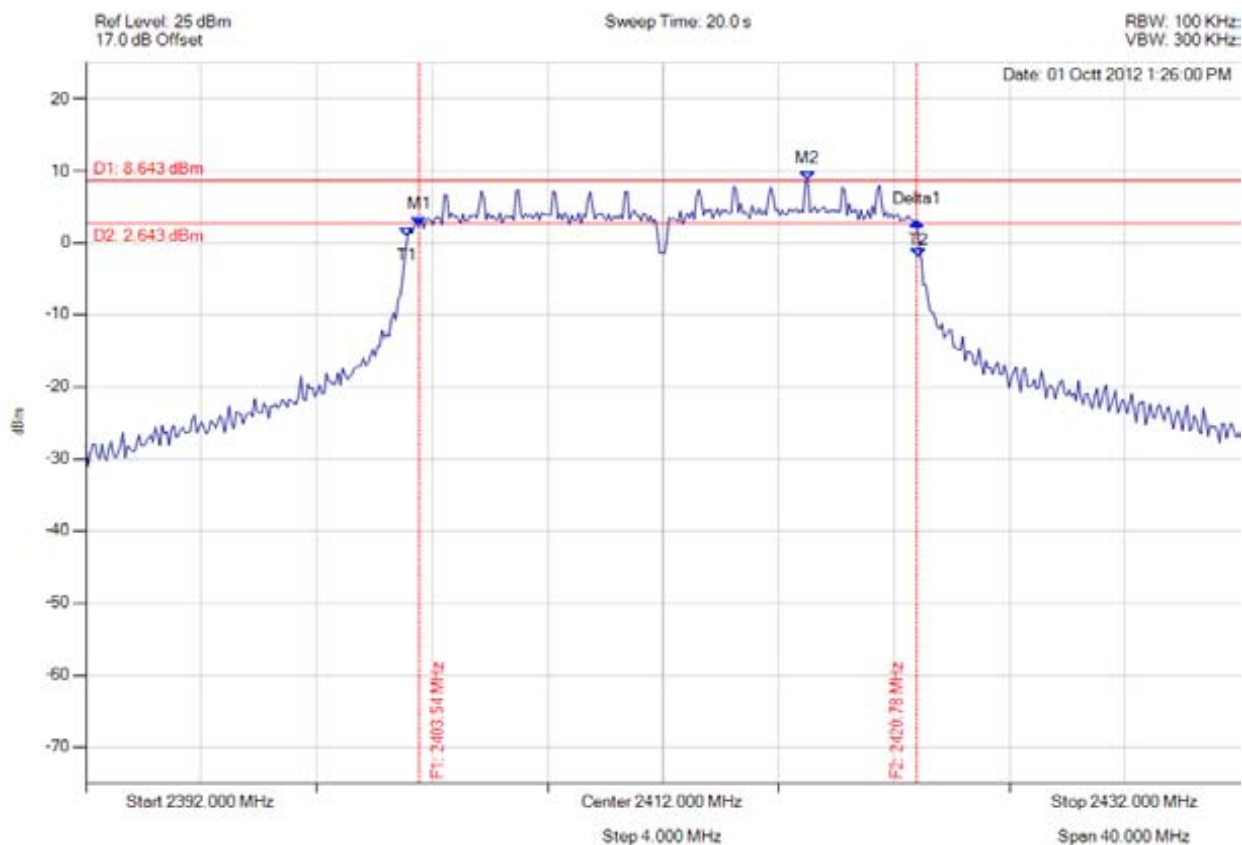


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6 dB 99%

Variant: 802.11n HT-20, Channel: 2412.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.543 MHz : 2.248 dBm M2 : 2417.010 MHz : 8.643 dBm Delta1 : 17.234 MHz : 0.665 dB T1 : 2403.142 MHz : 0.794 dBm T2 : 2420.858 MHz : -2.110 dBm OBW : 17.796 MHz	Measured 6 dB Bandwidth: 17.234 MHz Limit: ≥ 0.5 MHz Margin: -16.73 MHz

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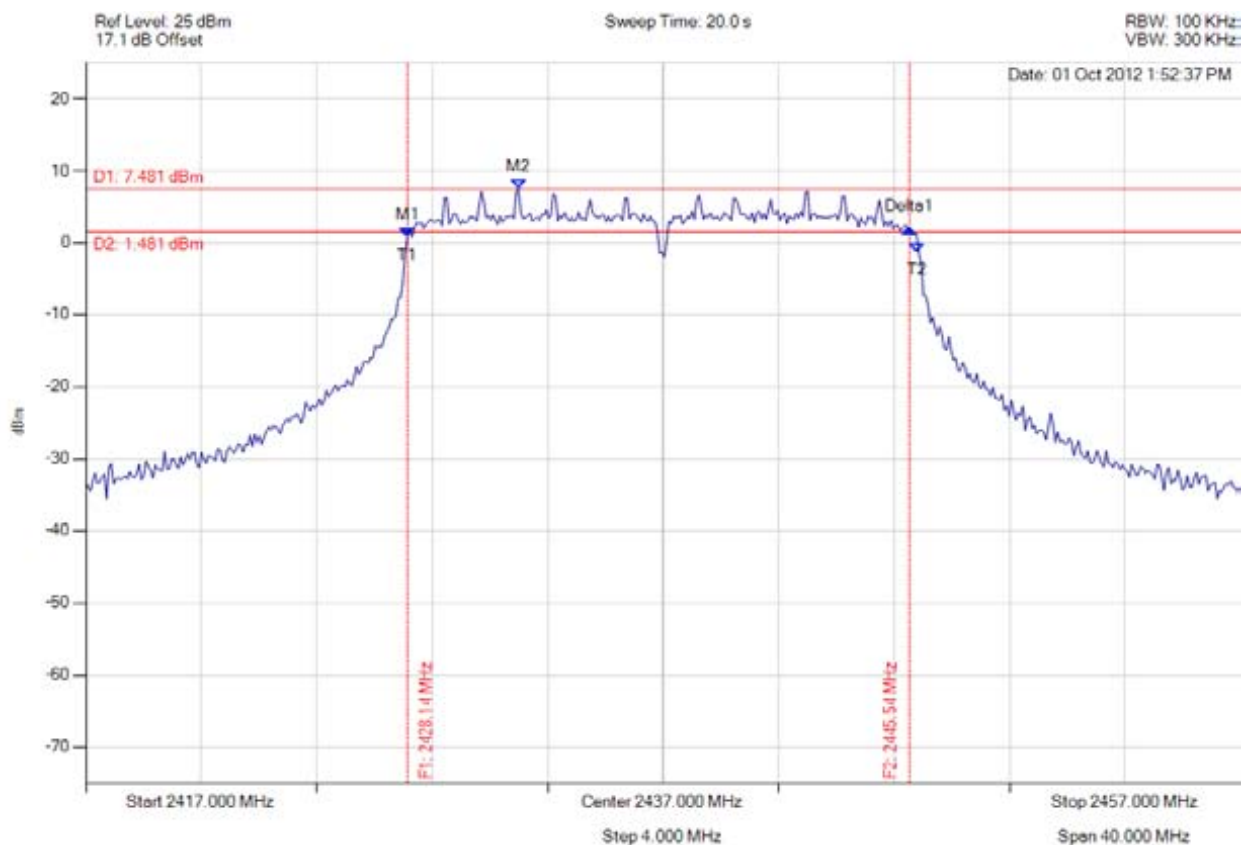


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6 dB 99%

Variant: 802.11n HT-20, Channel: 2437.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2428.142 MHz : 0.819 dBm M2 : 2431.990 MHz : 7.481 dBm Delta1 : 17.395 MHz : 1.186 dB T1 : 2428.142 MHz : 0.819 dBm T2 : 2445.778 MHz : -1.304 dBm OBW : 17.715 MHz	Measured 6 dB Bandwidth: 17.395 MHz Limit: ≥ 0.5 MHz Margin: -16.90 MHz

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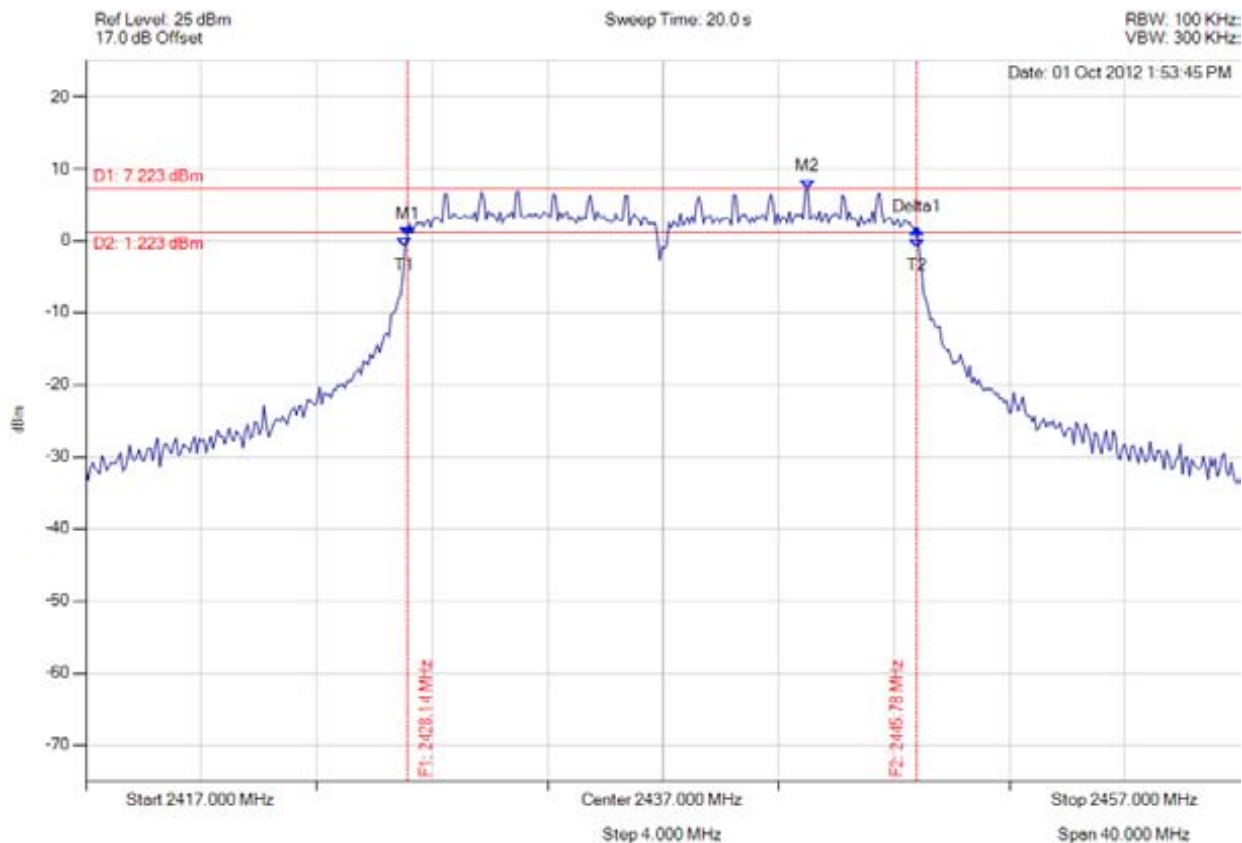


Title: Aruba Networks APINR108, APINR109 Wireless AP
To: FCC 47 CFR Part 15.247 & IC RSS-210
Serial #: ARUB120-U1 Rev A
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6 dB 99%

Variant: 802.11n HT-20, Channel: 2437.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2428.142 MHz : 0.609 dBm M2 : 2442.010 MHz : 7.223 dBm Delta1 : 17.635 MHz : 1.064 dB T1 : 2428.062 MHz : -0.875 dBm T2 : 2445.778 MHz : -0.953 dBm OBW : 17.796 MHz	Measured 6 dB Bandwidth: 17.635 MHz Limit: ≥ 0.5 MHz Margin: -17.14 MHz

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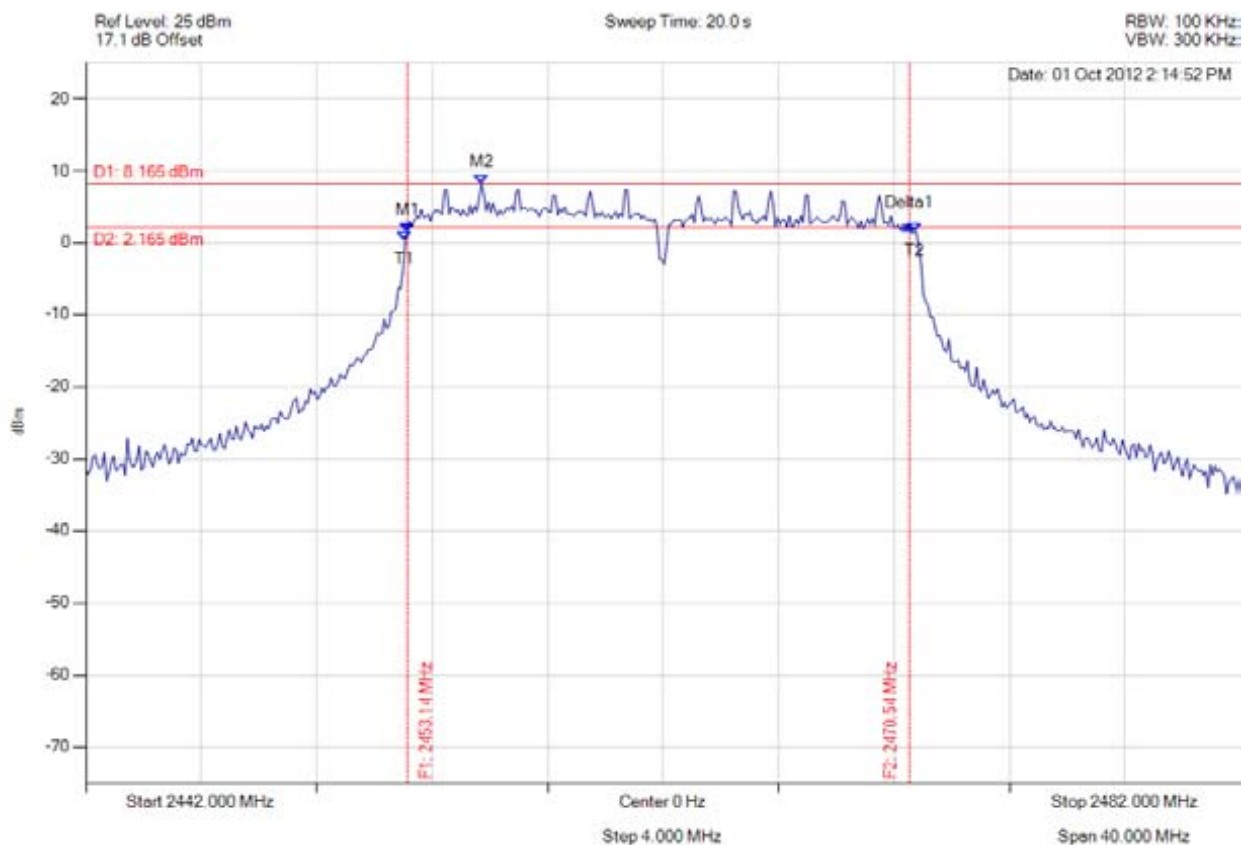


Title: Aruba Networks APINR108, APINR109 Wireless AP
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6 dB 99%

Variant: 802.11n HT-20, Channel: 2462.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2453.142 MHz : 1.500 dBm M2 : 2455.707 MHz : 8.165 dBm Delta1 : 17.395 MHz : 0.956 dB T1 : 2453.062 MHz : 0.274 dBm T2 : 2470.697 MHz : 1.468 dBm OBW : 17.715 MHz	Measured 6 dB Bandwidth: 17.395 MHz Limit: ≥ 0.5 MHz Margin: -16.90 MHz

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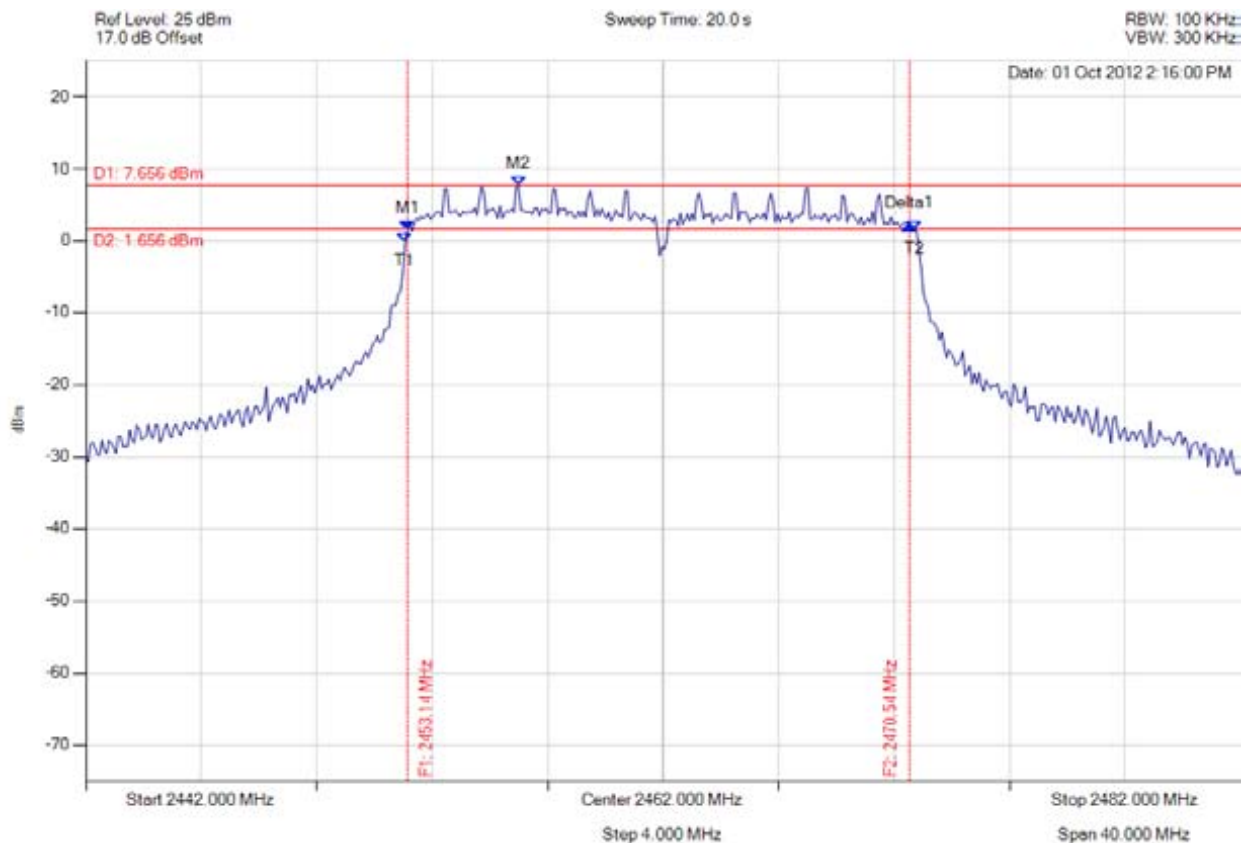


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6 dB 99%

Variant: 802.11n HT-20, Channel: 2462.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2453.142 MHz : 1.445 dBm M2 : 2456.990 MHz : 7.656 dBm Delta1 : 17.395 MHz : 0.740 dB T1 : 2453.062 MHz : -0.227 dBm T2 : 2470.697 MHz : 1.453 dBm OBW : 17.715 MHz	Measured 6 dB Bandwidth: 17.395 MHz Limit: ≥ 0.5 MHz Margin: -16.90 MHz

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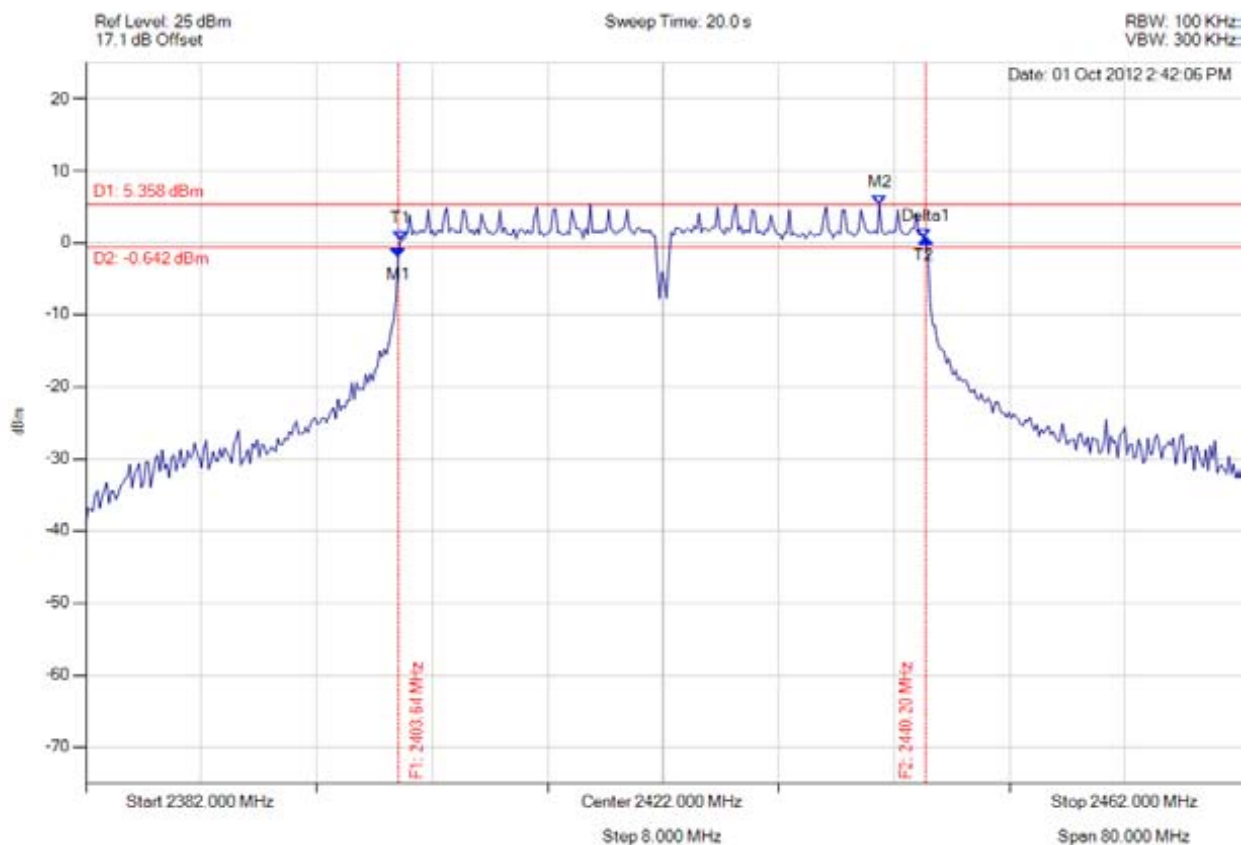


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6 dB 99%

Variant: 802.11n HT-40, Channel: 2422.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.643 MHz : -1.982 dBm M2 : 2436.990 MHz : 5.358 dBm Delta1 : 36.553 MHz : 2.670 dB T1 : 2403.804 MHz : 0.373 dBm T2 : 2440.036 MHz : 0.689 dBm OBW : 36.393 MHz	Measured 6 dB Bandwidth: 36.553 MHz Limit: ≥ 0.5 MHz Margin: -36.05 MHz

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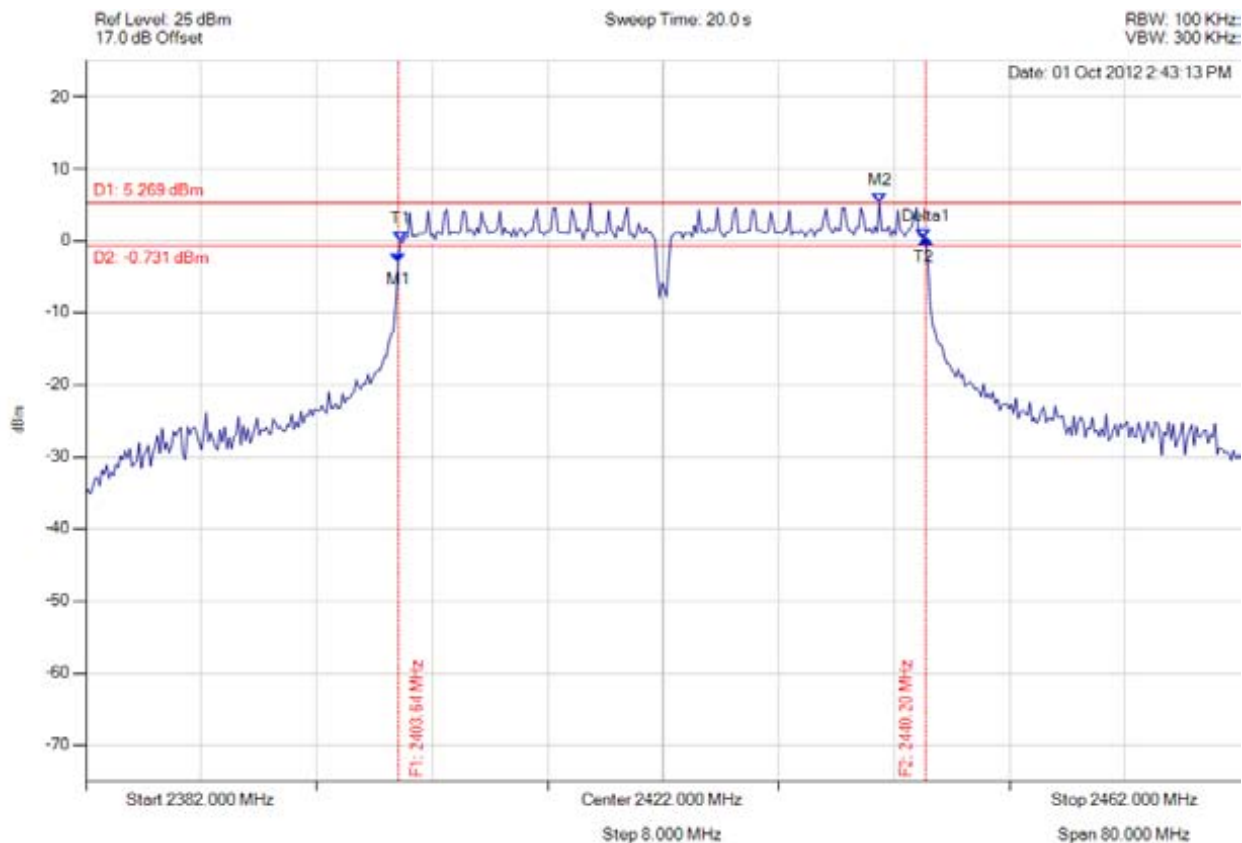


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6 dB 99%

Variant: 802.11n HT-40, Channel: 2422.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.643 MHz : -2.960 dBm M2 : 2436.990 MHz : 5.269 dBm Delta1 : 36.553 MHz : 3.276 dB T1 : 2403.804 MHz : 0.036 dBm T2 : 2440.036 MHz : 0.316 dBm OBW : 36.393 MHz	Measured 6 dB Bandwidth: 36.553 MHz Limit: ≥ 0.5 MHz Margin: -36.05 MHz

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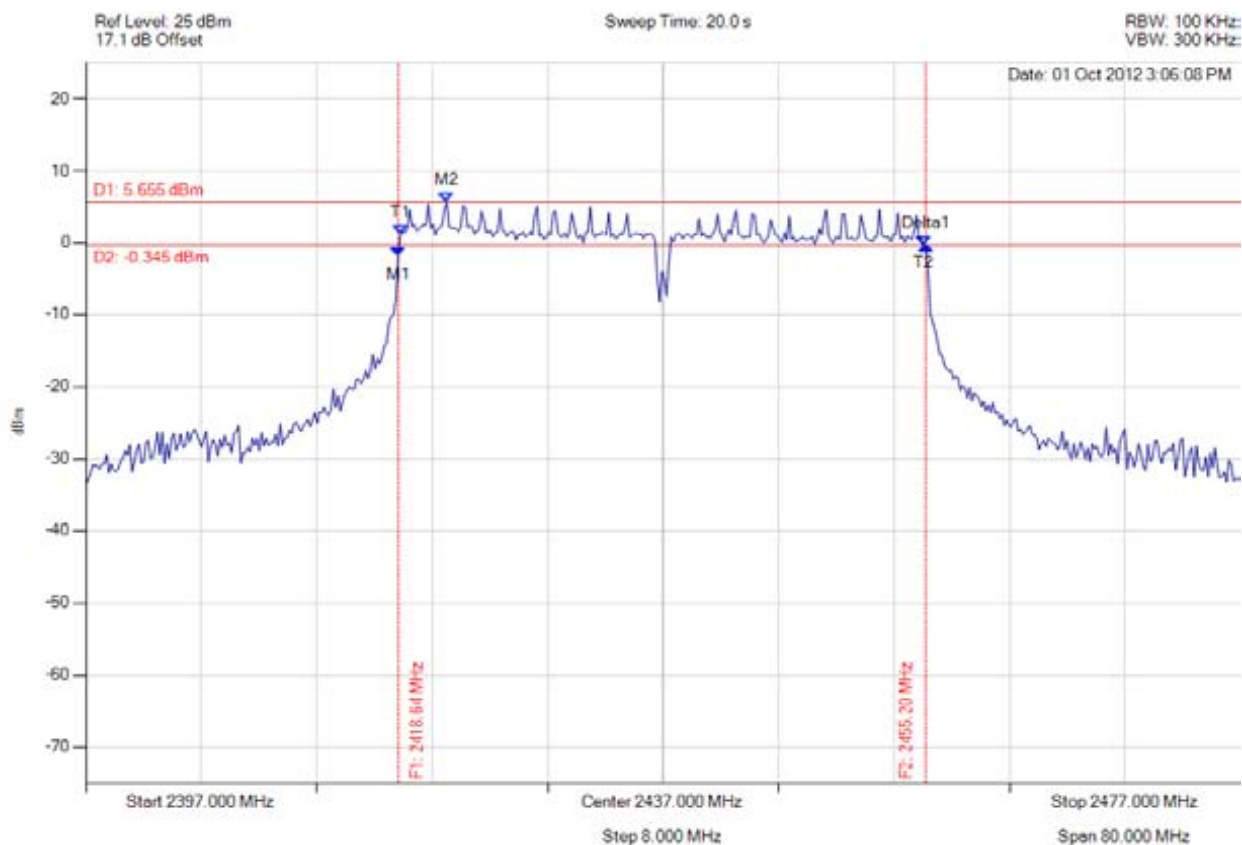


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6 dB 99%

Variant: 802.11n HT-40, Channel: 2437.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2418.643 MHz : -1.911 dBm M2 : 2422.010 MHz : 5.655 dBm Delta1 : 36.553 MHz : 1.578 dB T1 : 2418.804 MHz : 1.120 dBm T2 : 2455.036 MHz : -0.332 dBm OBW : 36.393 MHz	Measured 6 dB Bandwidth: 36.553 MHz Limit: ≥ 0.5 MHz Margin: -36.05 MHz

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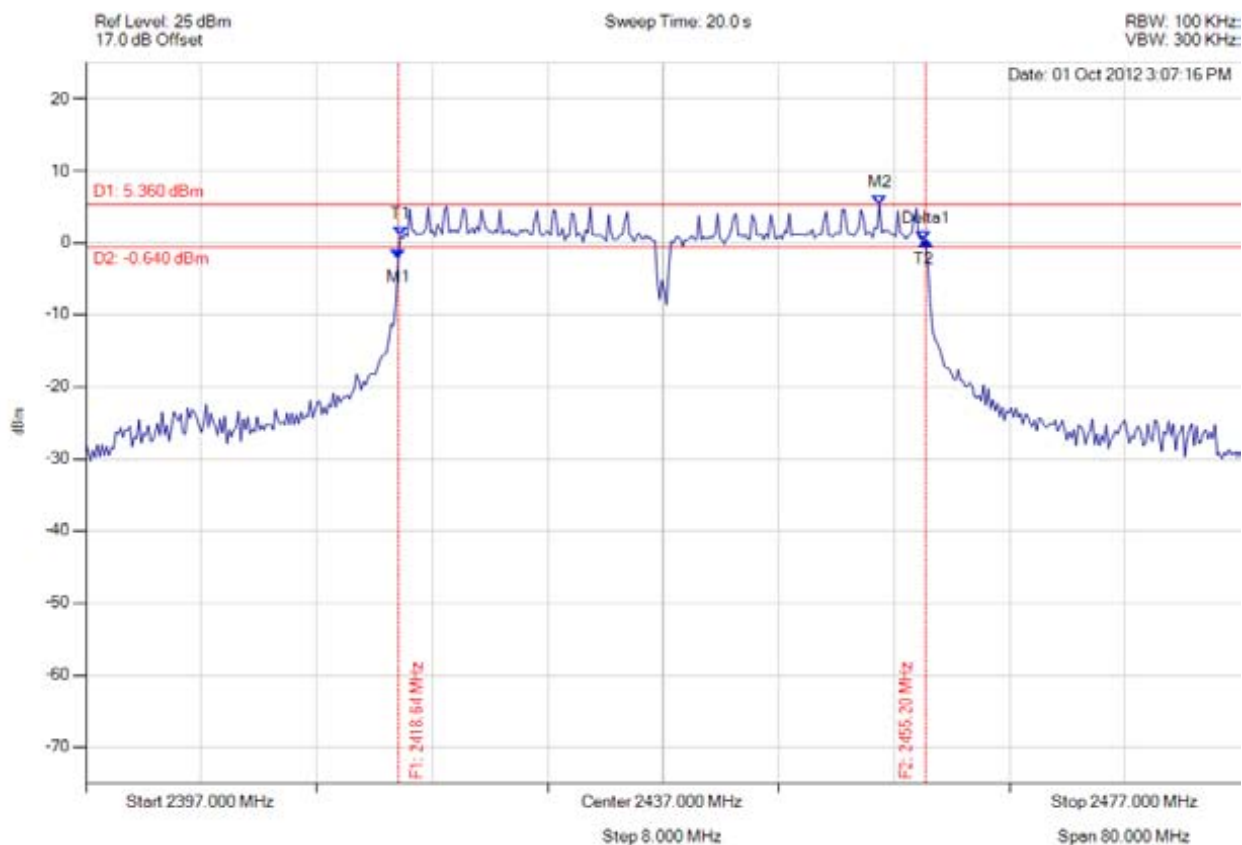


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6 dB 99%

Variant: 802.11n HT-40, Channel: 2437.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2418.643 MHz : -2.262 dBm M2 : 2451.990 MHz : 5.360 dBm Delta1 : 36.553 MHz : 2.487 dB T1 : 2418.804 MHz : 0.945 dBm T2 : 2455.036 MHz : 0.225 dBm OBW : 36.393 MHz	Measured 6 dB Bandwidth: 36.553 MHz Limit: ≥ 0.5 MHz Margin: -36.05 MHz

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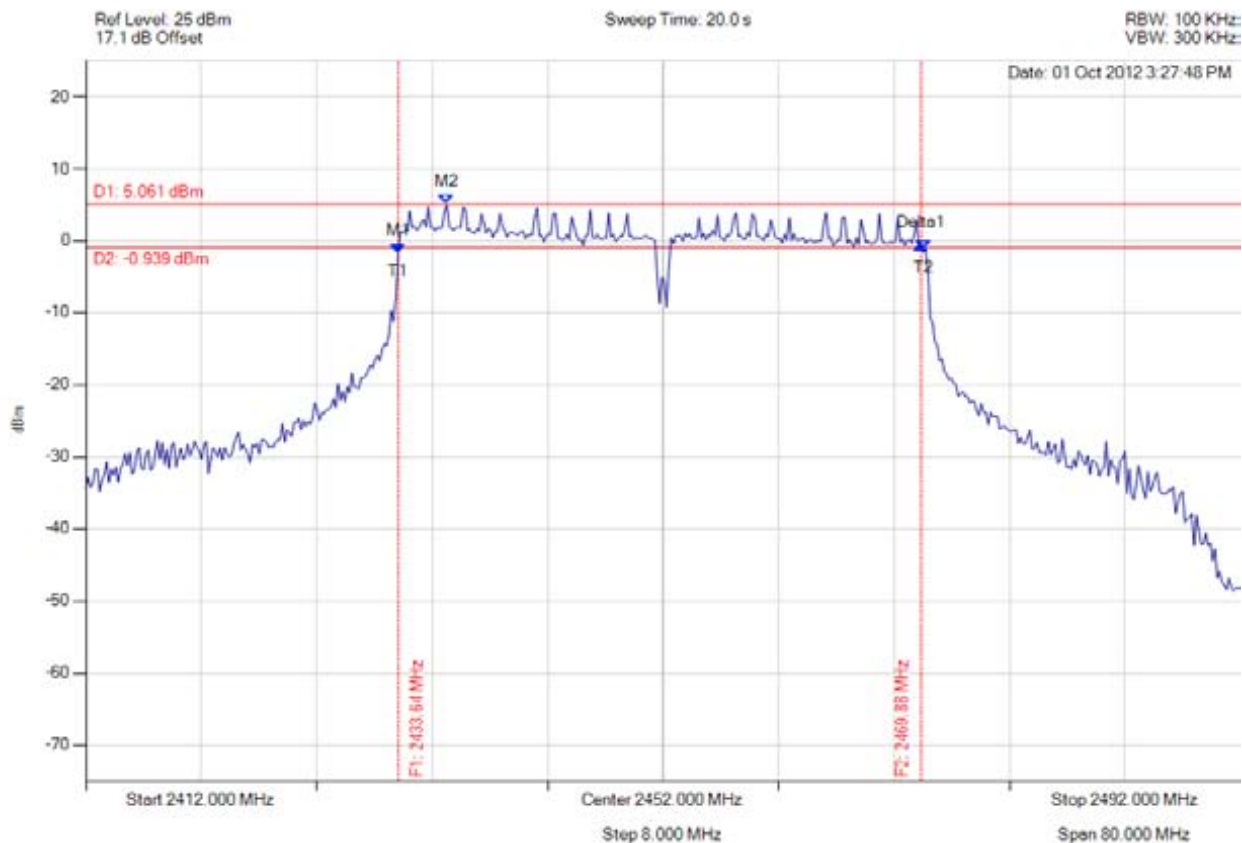


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6 dB 99%

Variant: 802.11n HT-40, Channel: 2452.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2433.643 MHz : -1.721 dBm M2 : 2437.010 MHz : 5.061 dBm Delta1 : 36.232 MHz : 1.121 dB T1 : 2433.643 MHz : -1.721 dBm T2 : 2470.036 MHz : -1.258 dBm OBW : 36.553 MHz	Measured 6 dB Bandwidth: 36.232 MHz Limit: ≥ 0.5 MHz Margin: -35.73 MHz

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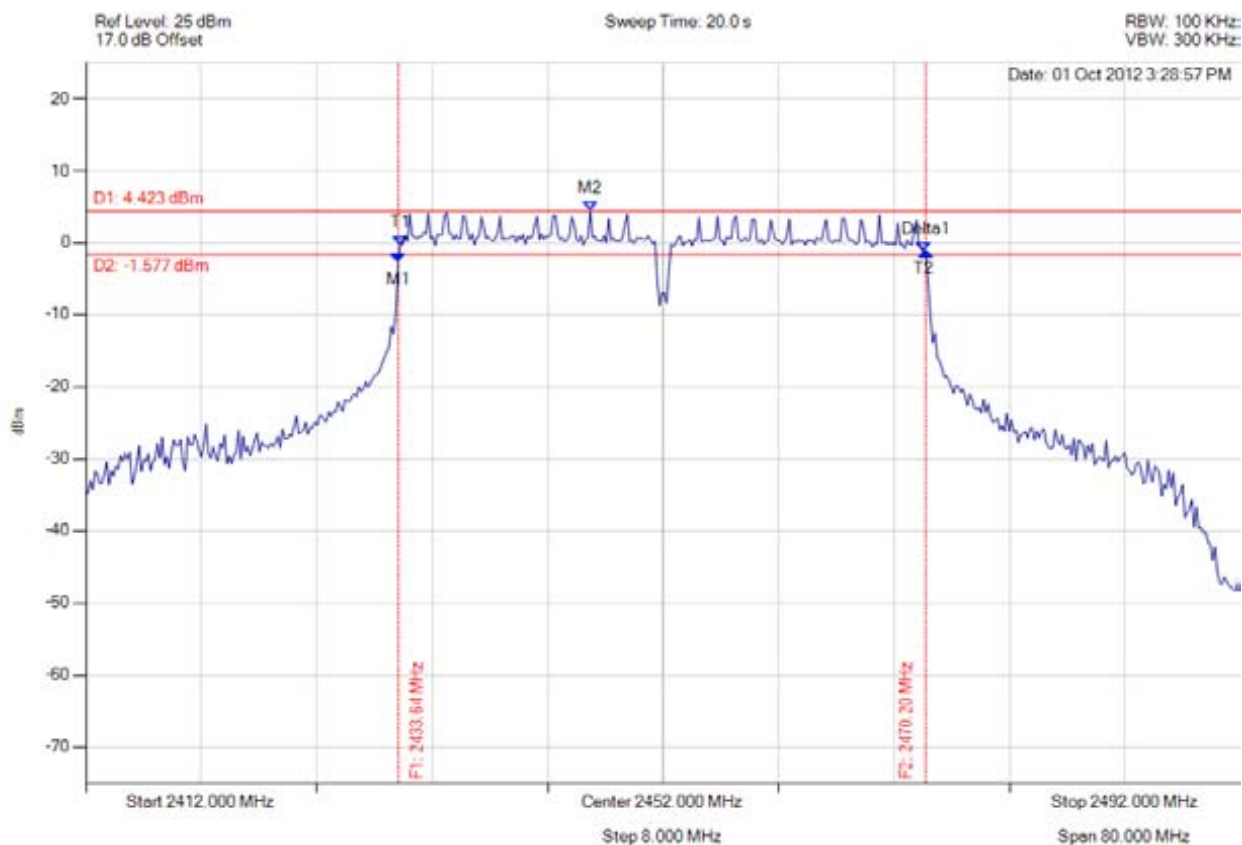


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6 dB 99%

Variant: 802.11n HT-40, Channel: 2452.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2433.643 MHz : -2.622 dBm M2 : 2446.950 MHz : 4.423 dBm Delta1 : 36.553 MHz : 1.477 dB T1 : 2433.804 MHz : -0.281 dBm T2 : 2470.036 MHz : -1.146 dBm OBW : 36.393 MHz	Measured 6 dB Bandwidth: 36.553 MHz Limit: ≥ 0.5 MHz Margin: -36.05 MHz

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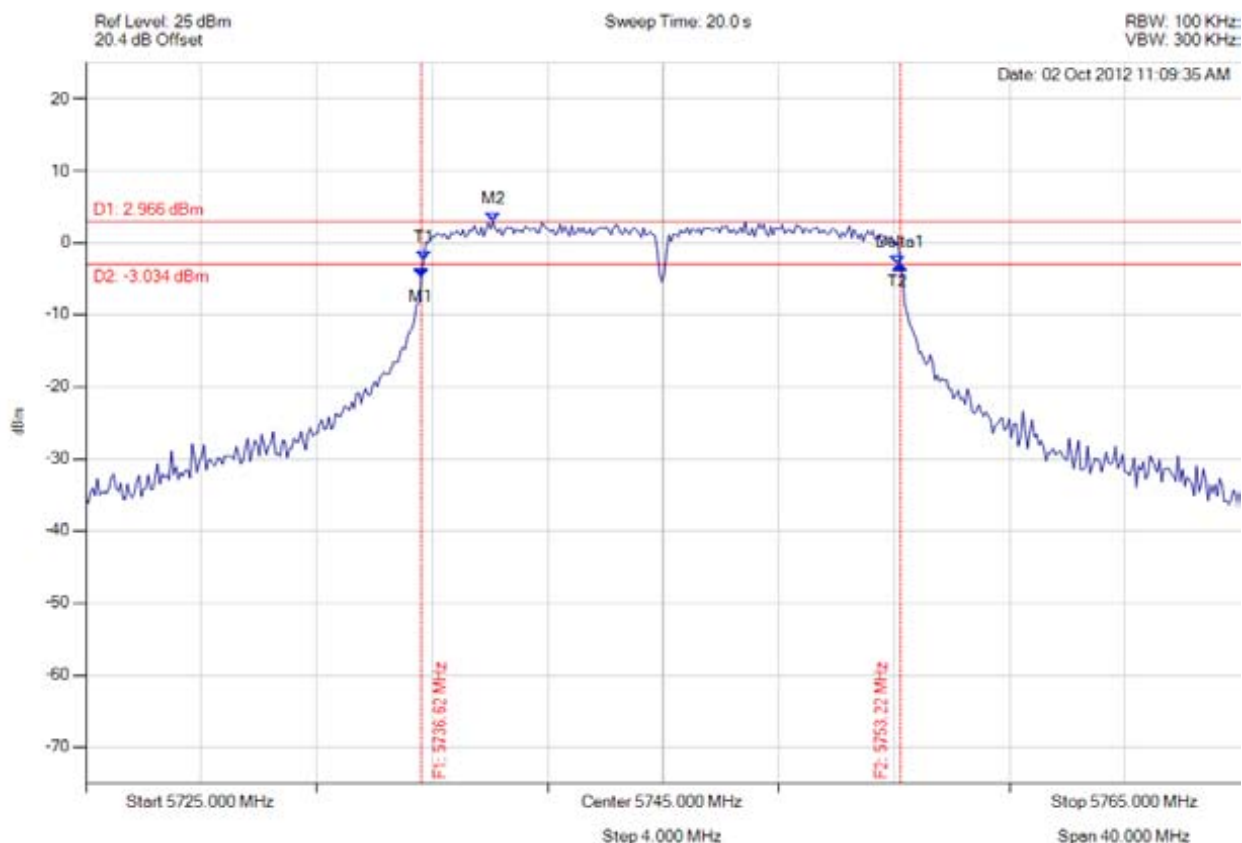


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6 dB 99%

Variant: 802.11a, Channel: 5745.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5736.623 MHz : -4.908 dBm M2 : 5739.108 MHz : 2.966 dBm Delta1 : 16.593 MHz : 1.932 dB T1 : 5736.703 MHz : -2.295 dBm T2 : 5753.136 MHz : -2.976 dBm OBW : 16.513 MHz	Measured 6 dB Bandwidth: 16.593 MHz Limit: ≥ 0.5 MHz Margin: -16.09 MHz

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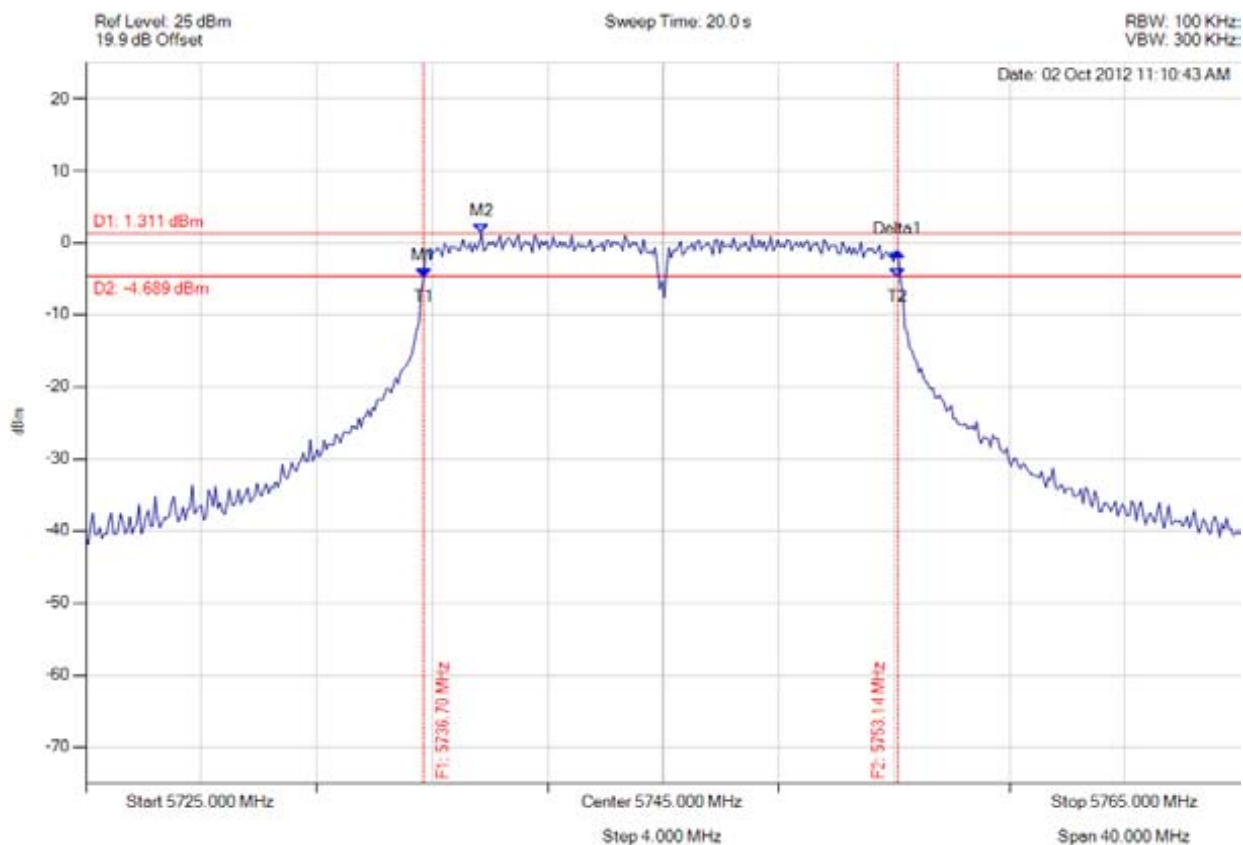


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6 dB 99%

Variant: 802.11a, Channel: 5745.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5736.703 MHz : -4.904 dBm M2 : 5738.707 MHz : 1.311 dBm Delta1 : 16.433 MHz : 3.691 dB T1 : 5736.703 MHz : -4.904 dBm T2 : 5753.136 MHz : -4.900 dBm OBW : 16.513 MHz	Measured 6 dB Bandwidth: 16.433 MHz Limit: ≥ 0.5 MHz Margin: -15.93 MHz

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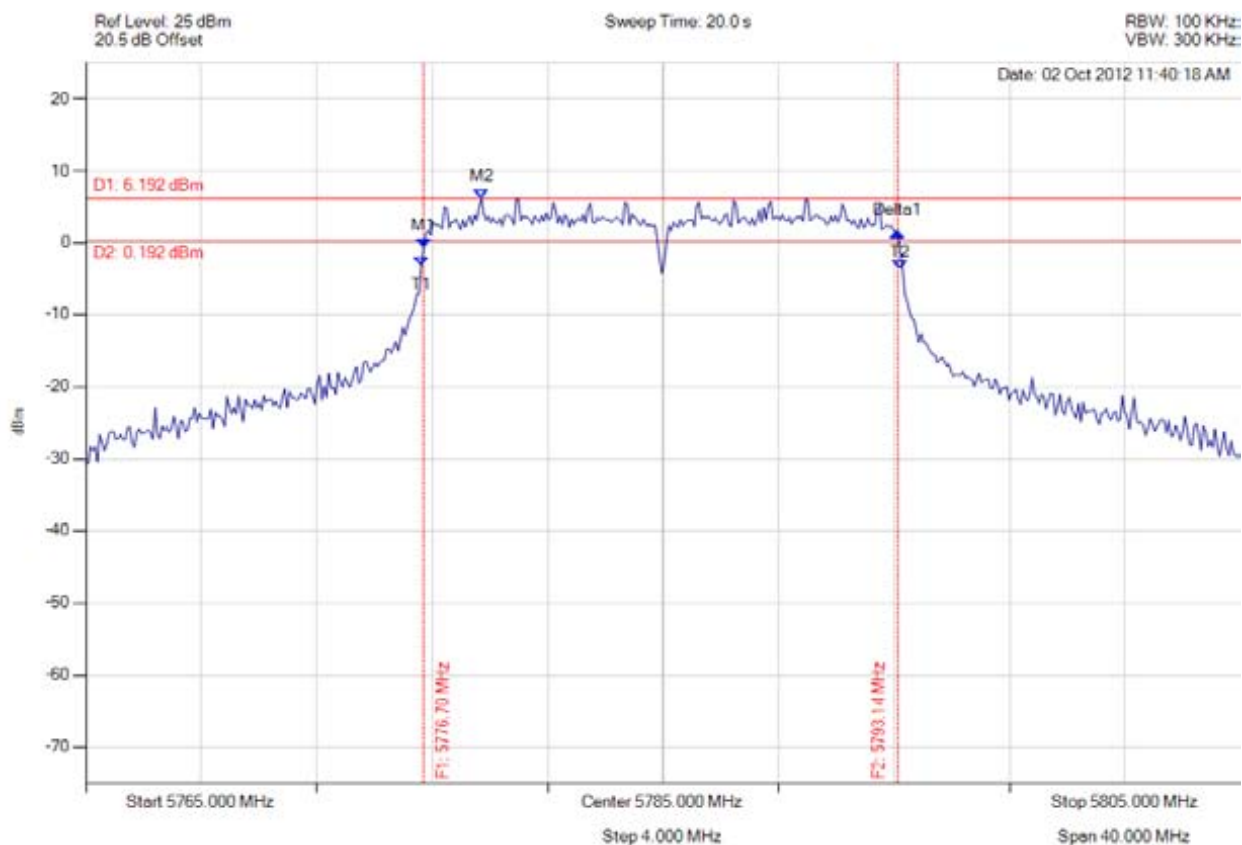


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6 dB 99%

Variant: 802.11a, Channel: 5785.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5776.703 MHz : -0.778 dBm M2 : 5778.707 MHz : 6.192 dBm Delta1 : 16.433 MHz : 2.306 dB T1 : 5776.623 MHz : -3.176 dBm T2 : 5793.216 MHz : -3.753 dBm OBW : 16.673 MHz	Measured 6 dB Bandwidth: 16.433 MHz Limit: ≥ 0.5 MHz Margin: -15.93 MHz

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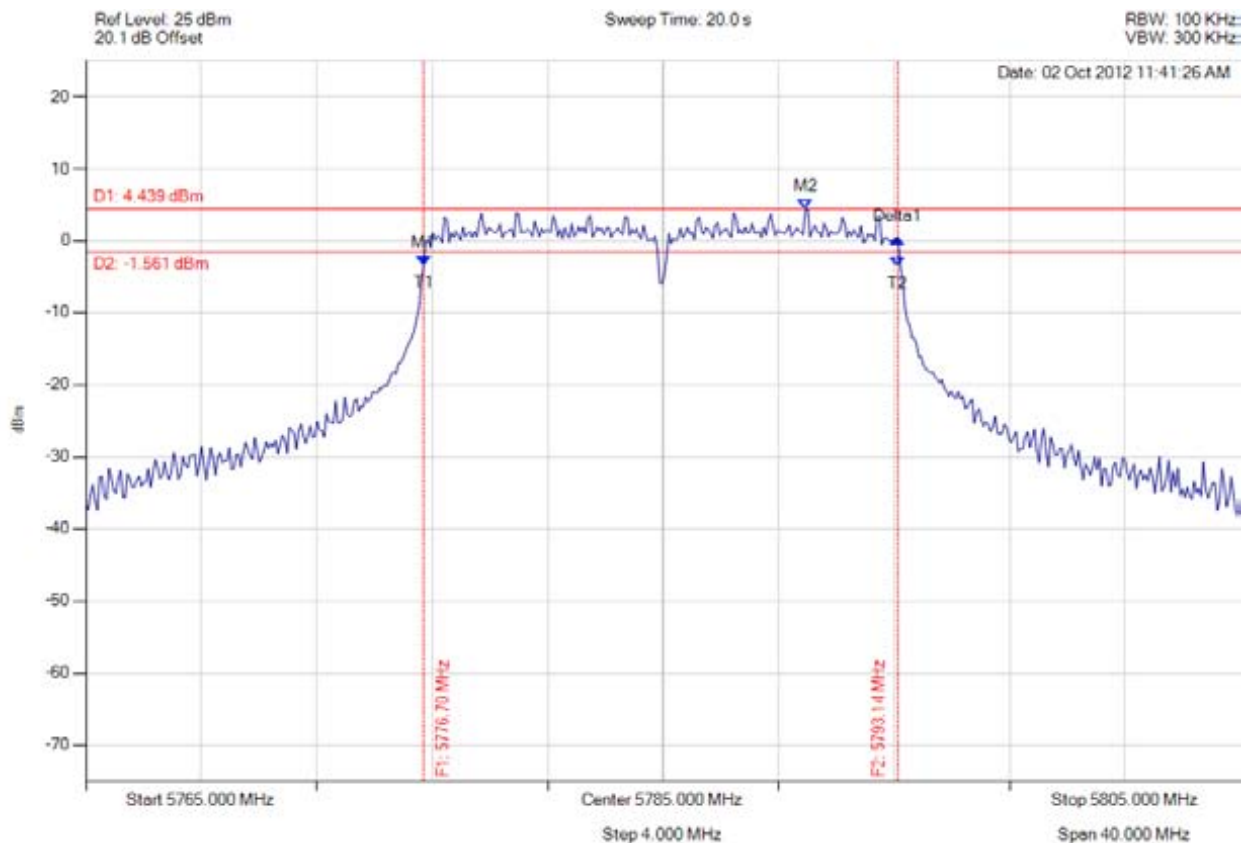


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6 dB 99%

Variant: 802.11a, Channel: 5785.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5776.703 MHz : -3.332 dBm M2 : 5789.930 MHz : 4.439 dBm Delta1 : 16.433 MHz : 3.626 dB T1 : 5776.703 MHz : -3.332 dBm T2 : 5793.136 MHz : -3.462 dBm OBW : 16.513 MHz	Measured 6 dB Bandwidth: 16.433 MHz Limit: ≥ 0.5 MHz Margin: -15.93 MHz

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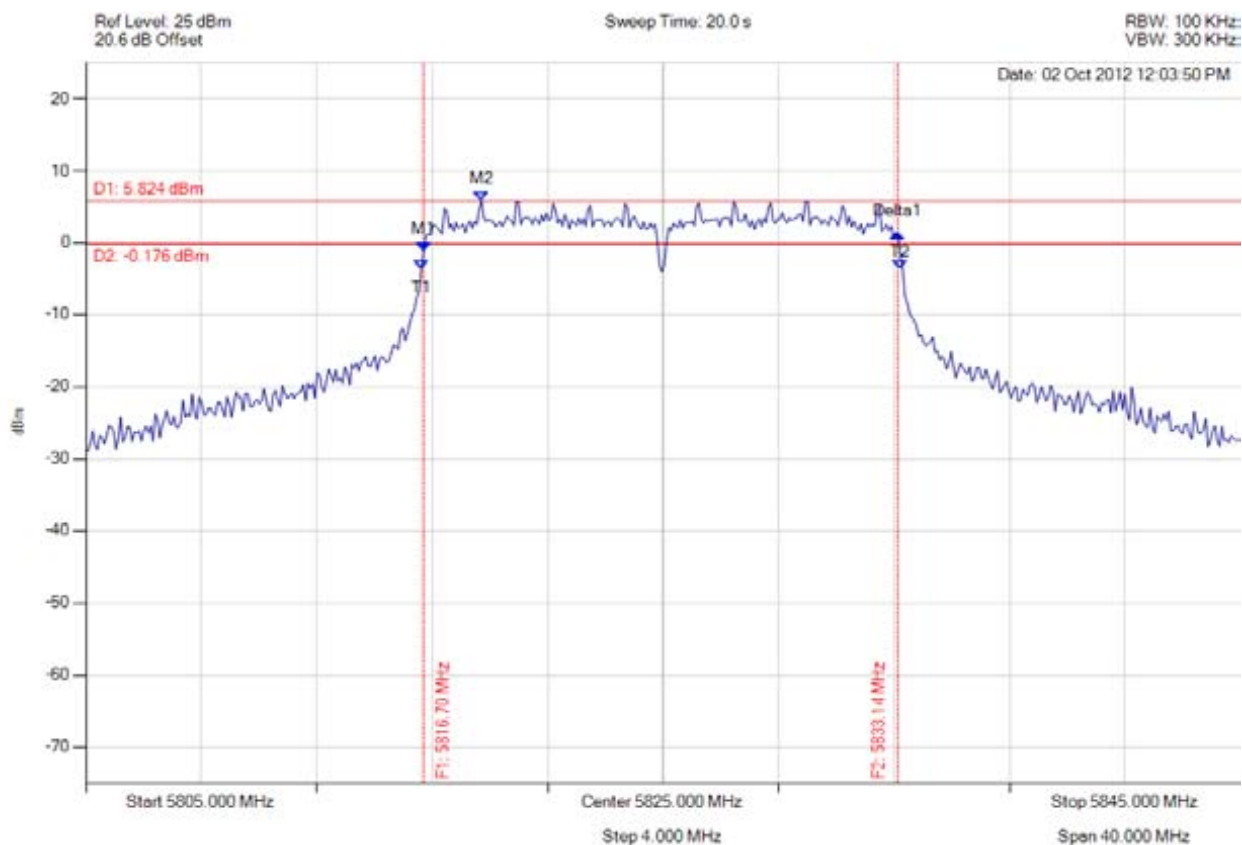


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6 dB 99%

Variant: 802.11a, Channel: 5825.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5816.703 MHz : -1.187 dBm M2 : 5818.707 MHz : 5.824 dBm Delta1 : 16.433 MHz : 2.428 dB T1 : 5816.623 MHz : -3.706 dBm T2 : 5833.216 MHz : -3.682 dBm OBW : 16.673 MHz	Measured 6 dB Bandwidth: 16.433 MHz Limit: ≥ 0.5 MHz Margin: -15.93 MHz

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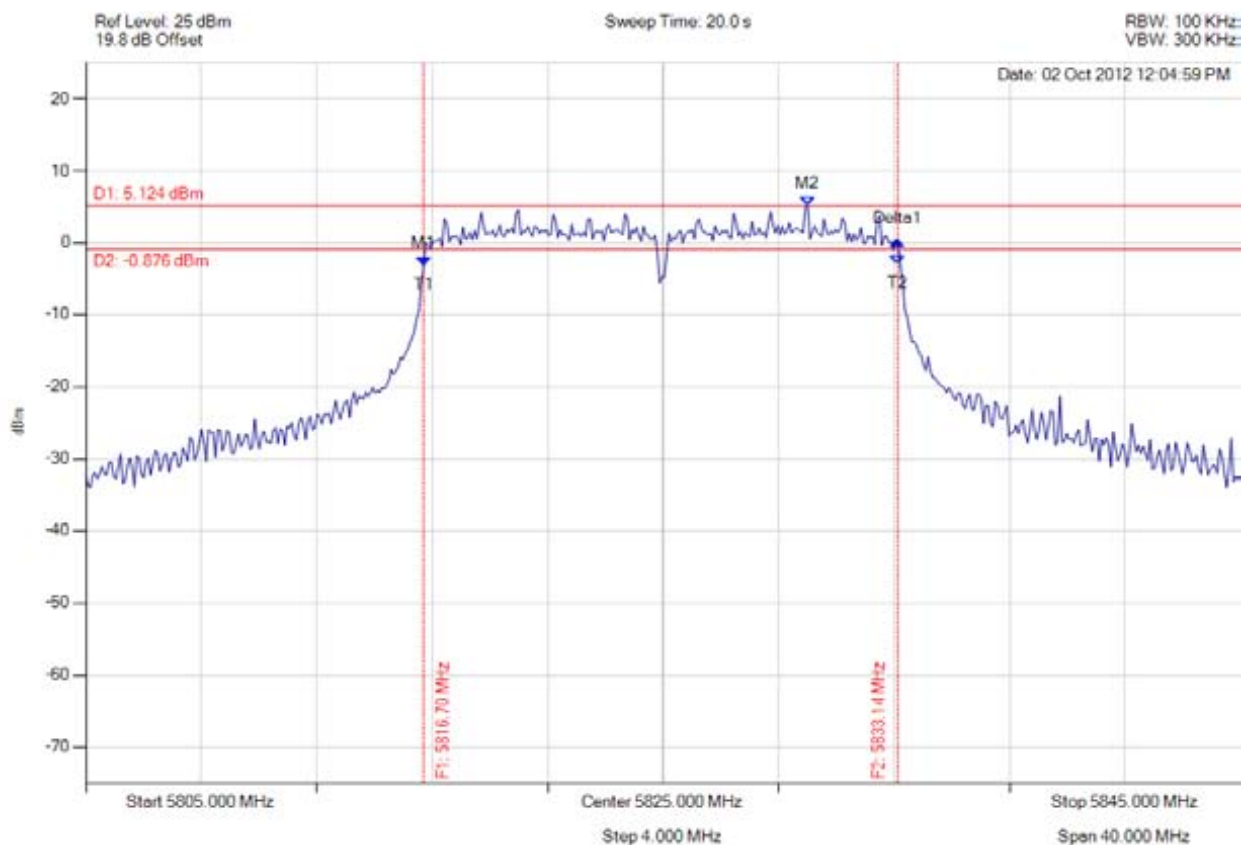


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6 dB 99%

Variant: 802.11a, Channel: 5825.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5816.703 MHz : -3.239 dBm M2 : 5830.010 MHz : 5.124 dBm Delta1 : 16.433 MHz : 3.461 dB T1 : 5816.703 MHz : -3.239 dBm T2 : 5833.136 MHz : -3.082 dBm OBW : 16.513 MHz	Measured 6 dB Bandwidth: 16.433 MHz Limit: ≥ 0.5 MHz Margin: -15.93 MHz

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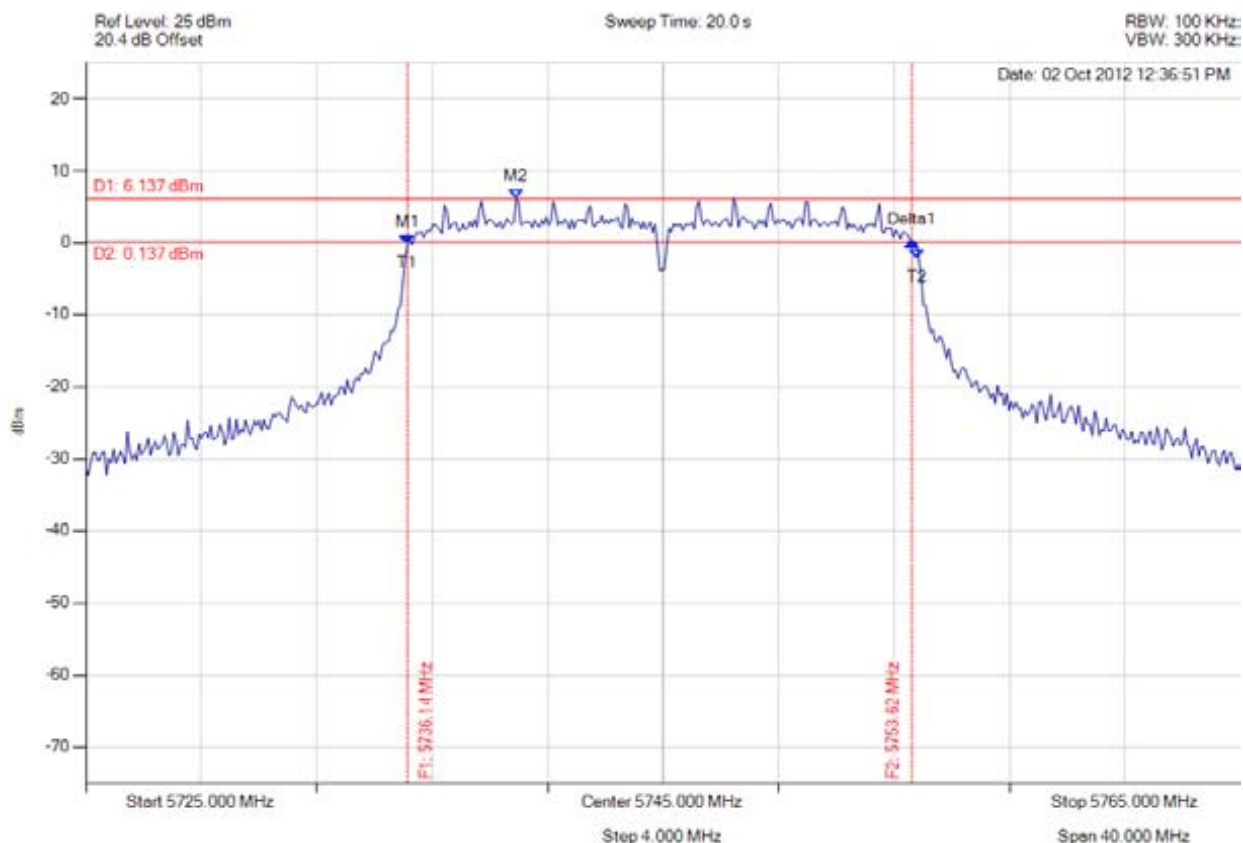


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6 dB 99%

Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5736.142 MHz : -0.243 dBm M2 : 5739.910 MHz : 6.137 dBm Delta1 : 17.475 MHz : 0.423 dB T1 : 5736.142 MHz : -0.243 dBm T2 : 5753.778 MHz : -2.254 dBm OBW : 17.715 MHz	Measured 6 dB Bandwidth: 17.475 MHz Limit: ≥ 0.5 MHz Margin: -16.98 MHz

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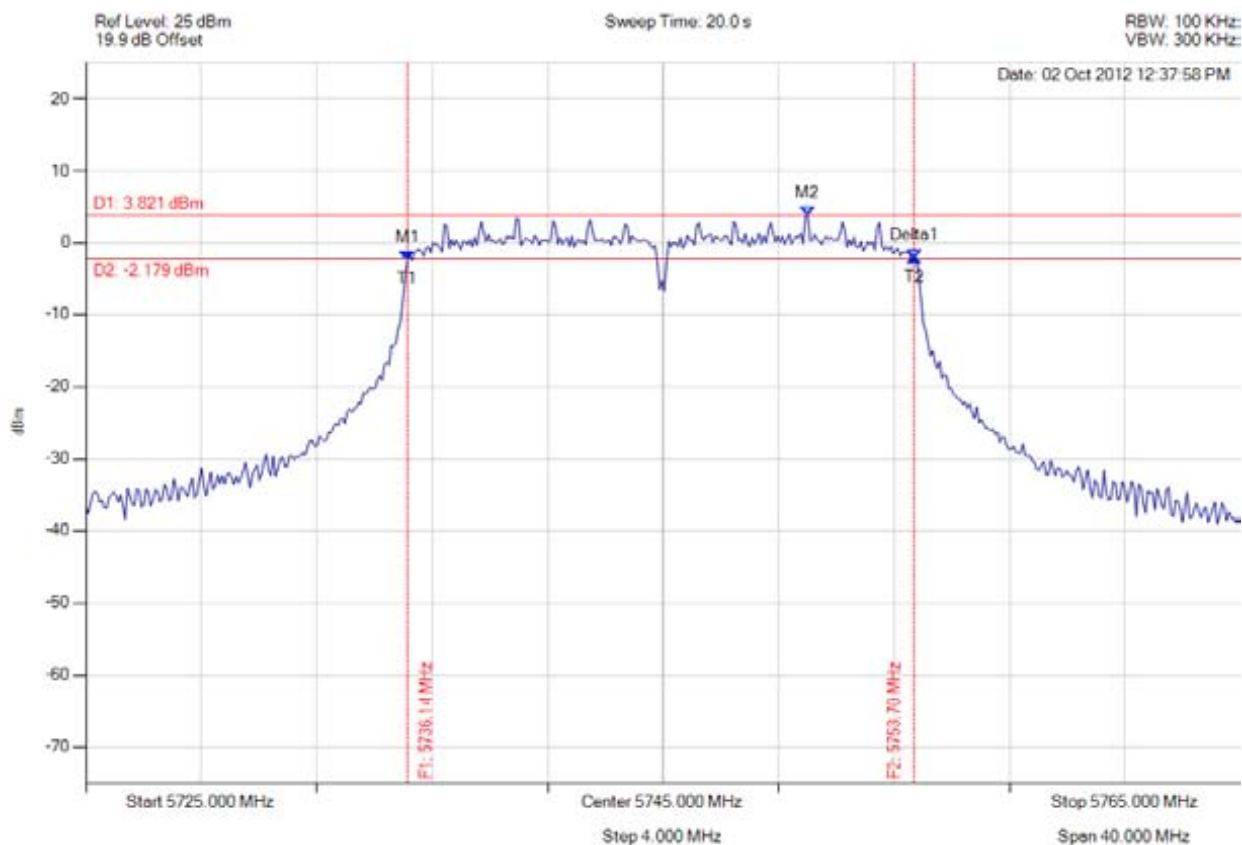


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6 dB 99%

Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5736.142 MHz : -2.403 dBm M2 : 5750.010 MHz : 3.821 dBm Delta1 : 17.555 MHz : 0.388 dB T1 : 5736.142 MHz : -2.403 dBm T2 : 5753.697 MHz : -2.242 dBm OBW : 17.635 MHz	Measured 6 dB Bandwidth: 17.555 MHz Limit: ≥ 0.5 MHz Margin: -17.06 MHz

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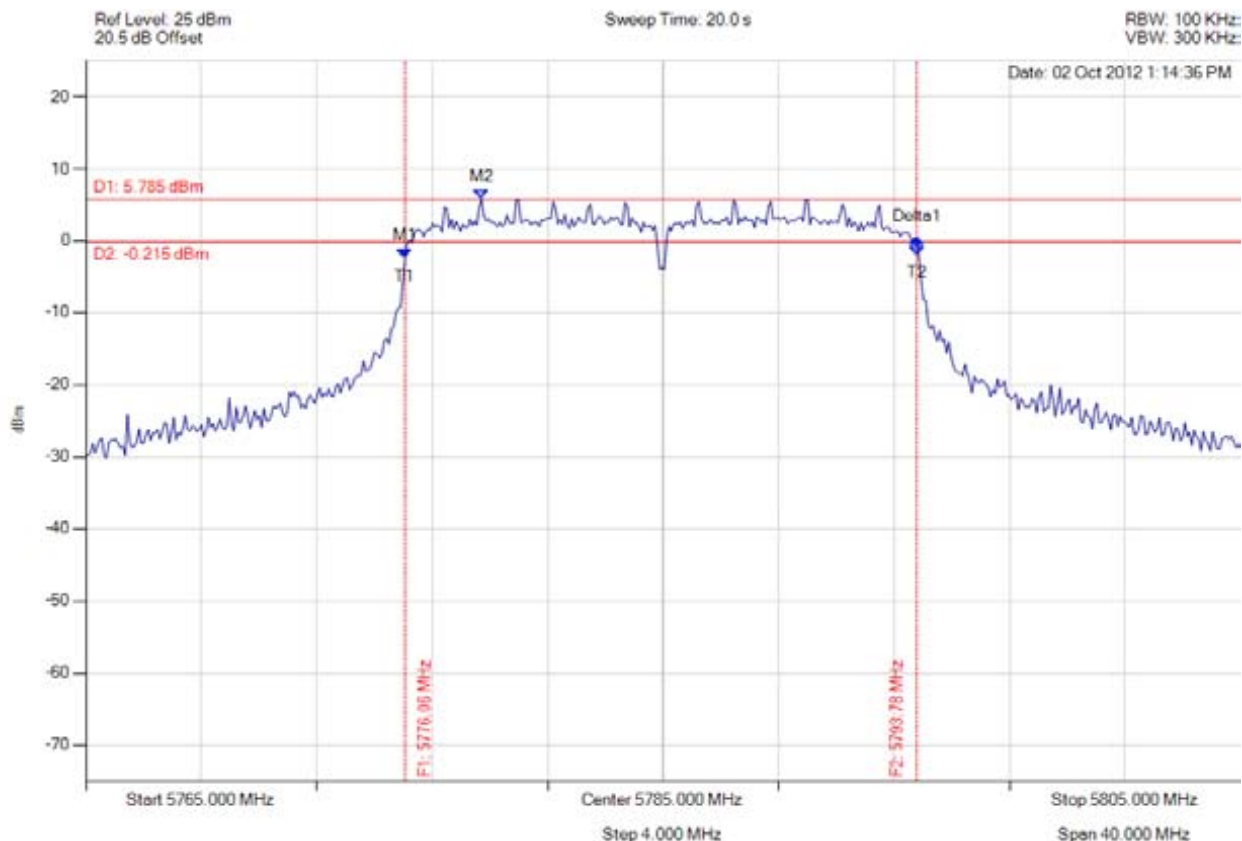


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6 dB 99%

Variant: 802.11n HT-20, Channel: 5785.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5776.062 MHz : -2.437 dBm M2 : 5778.707 MHz : 5.785 dBm Delta1 : 17.715 MHz : 2.664 dB T1 : 5776.062 MHz : -2.437 dBm T2 : 5793.778 MHz : -1.990 dBm OBW : 17.796 MHz	Measured 6 dB Bandwidth: 17.715 MHz Limit: ≥ 0.5 MHz Margin: -17.22 MHz

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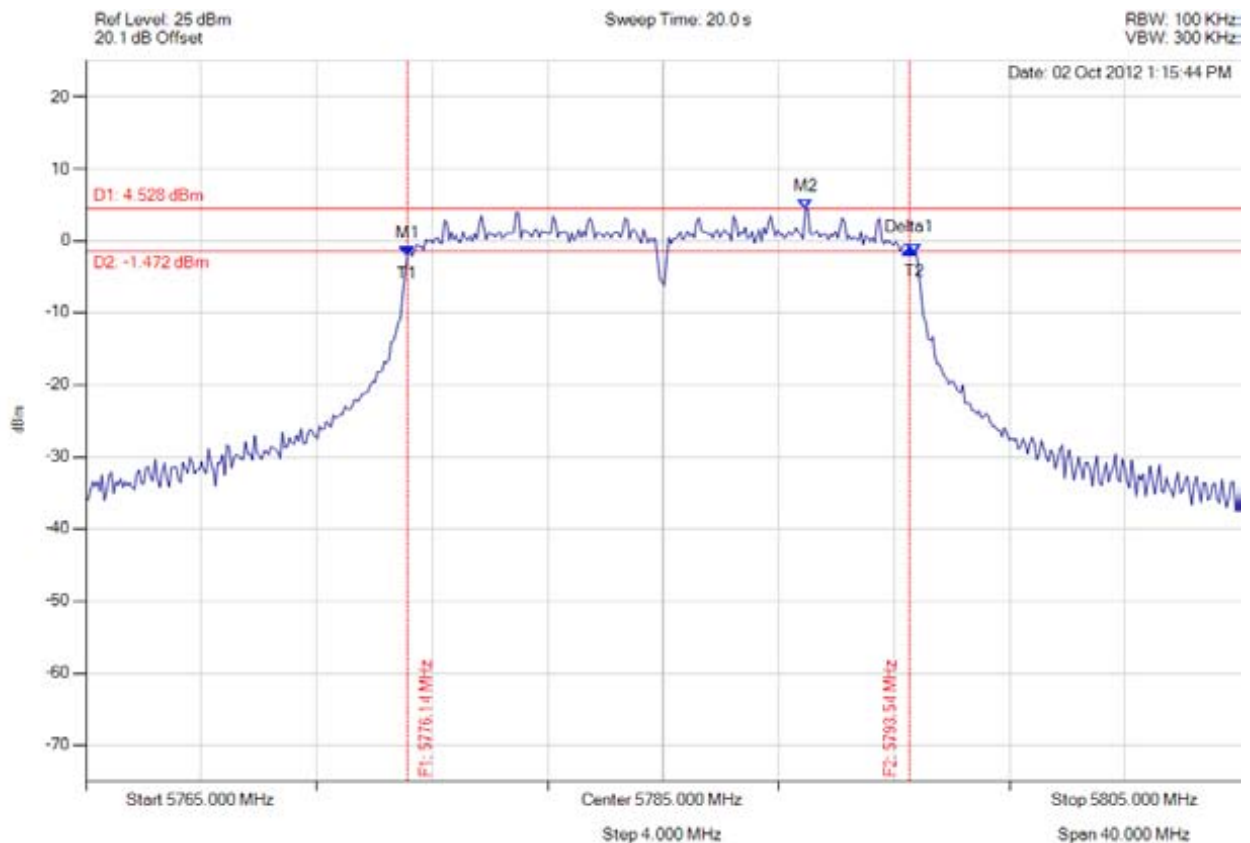


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6 dB 99%

Variant: 802.11n HT-20, Channel: 5785.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5776.142 MHz : -2.083 dBm M2 : 5789.930 MHz : 4.528 dBm Delta1 : 17.395 MHz : 0.877 dB T1 : 5776.142 MHz : -2.083 dBm T2 : 5793.697 MHz : -1.675 dBm OBW : 17.635 MHz	Measured 6 dB Bandwidth: 17.395 MHz Limit: ≥ 0.5 MHz Margin: -16.90 MHz

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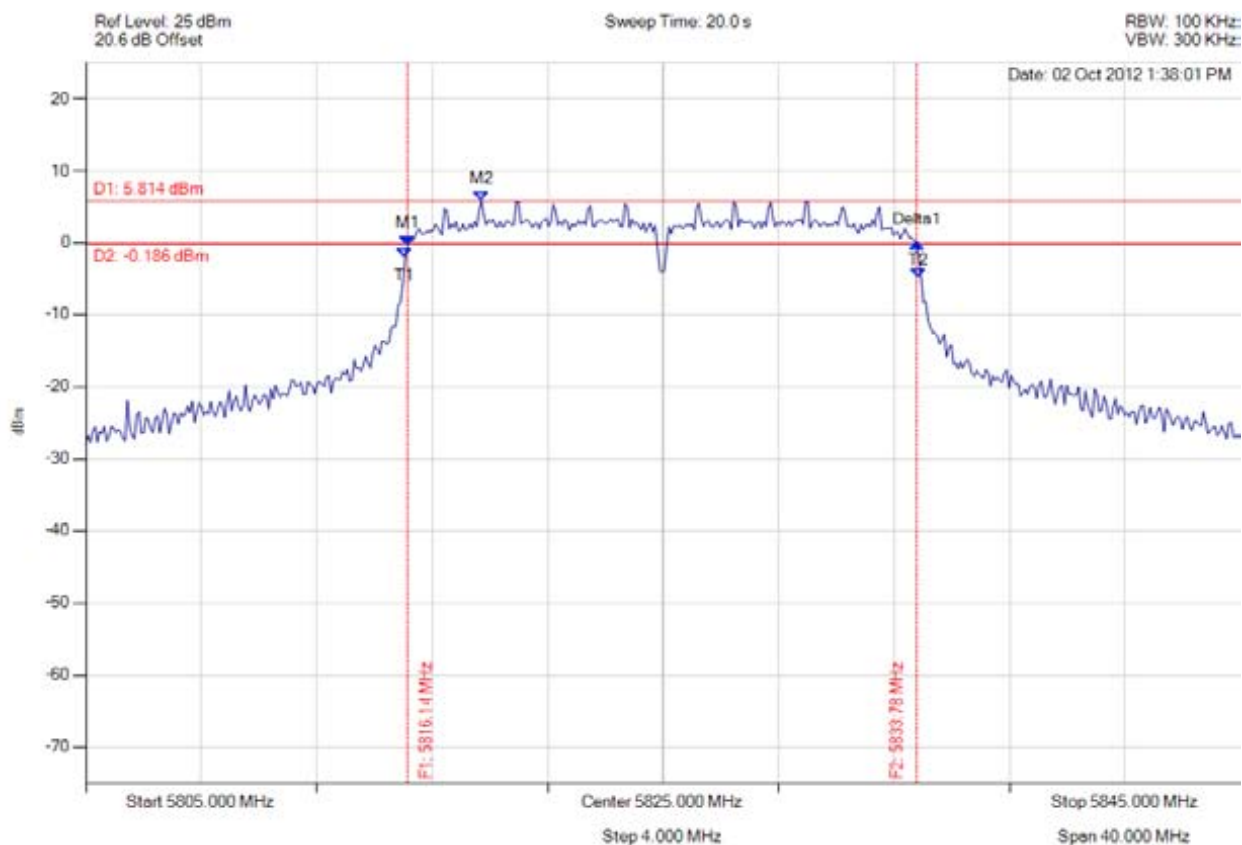


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6 dB 99%

Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5816.142 MHz : -0.438 dBm M2 : 5818.707 MHz : 5.814 dBm Delta1 : 17.635 MHz : 0.482 dB T1 : 5816.062 MHz : -2.065 dBm T2 : 5833.858 MHz : -4.929 dBm OBW : 17.876 MHz	Measured 6 dB Bandwidth: 17.635 MHz Limit: ≥ 0.5 MHz Margin: -17.14 MHz

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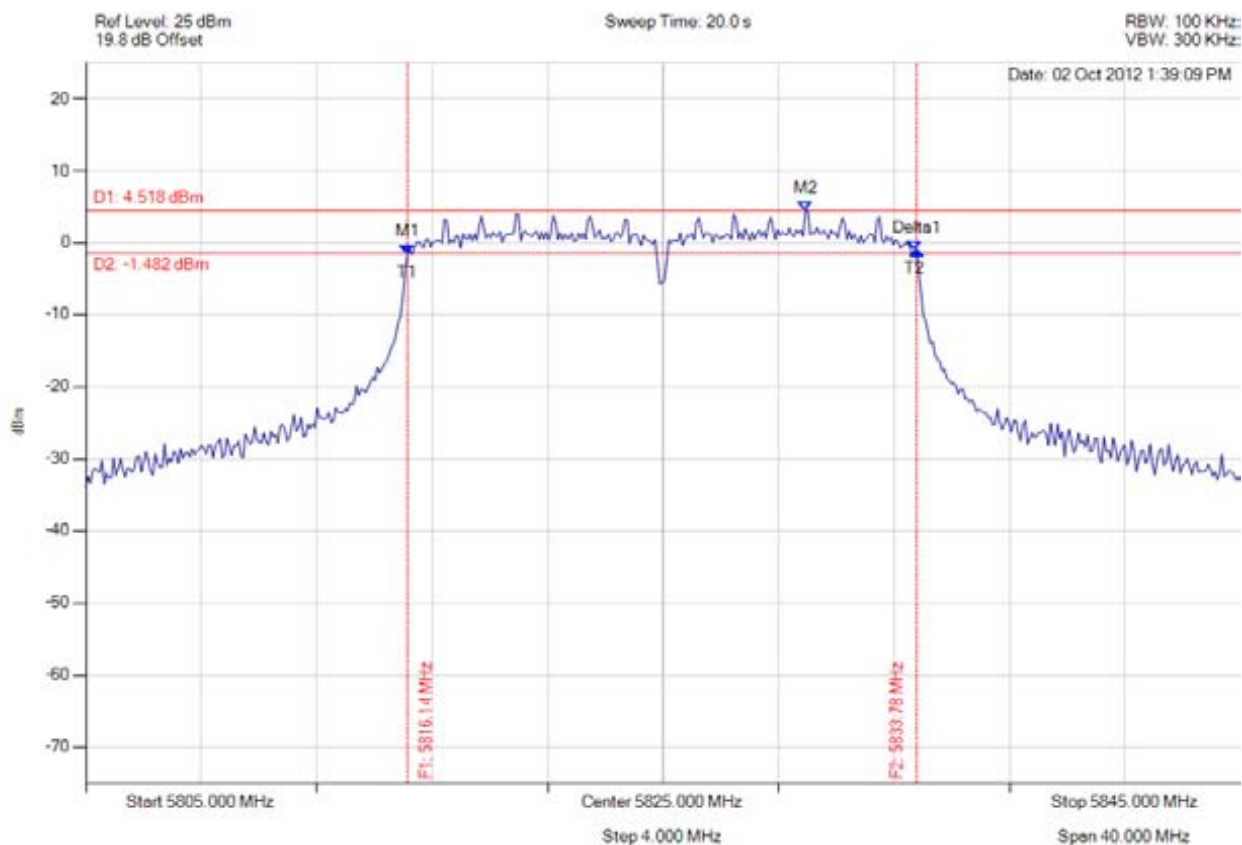


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6 dB 99%

Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5816.142 MHz : -1.561 dBm M2 : 5829.930 MHz : 4.518 dBm Delta1 : 17.635 MHz : 0.488 dB T1 : 5816.142 MHz : -1.561 dBm T2 : 5833.697 MHz : -1.073 dBm OBW : 17.635 MHz	Measured 6 dB Bandwidth: 17.635 MHz Limit: ≥ 0.5 MHz Margin: -17.14 MHz

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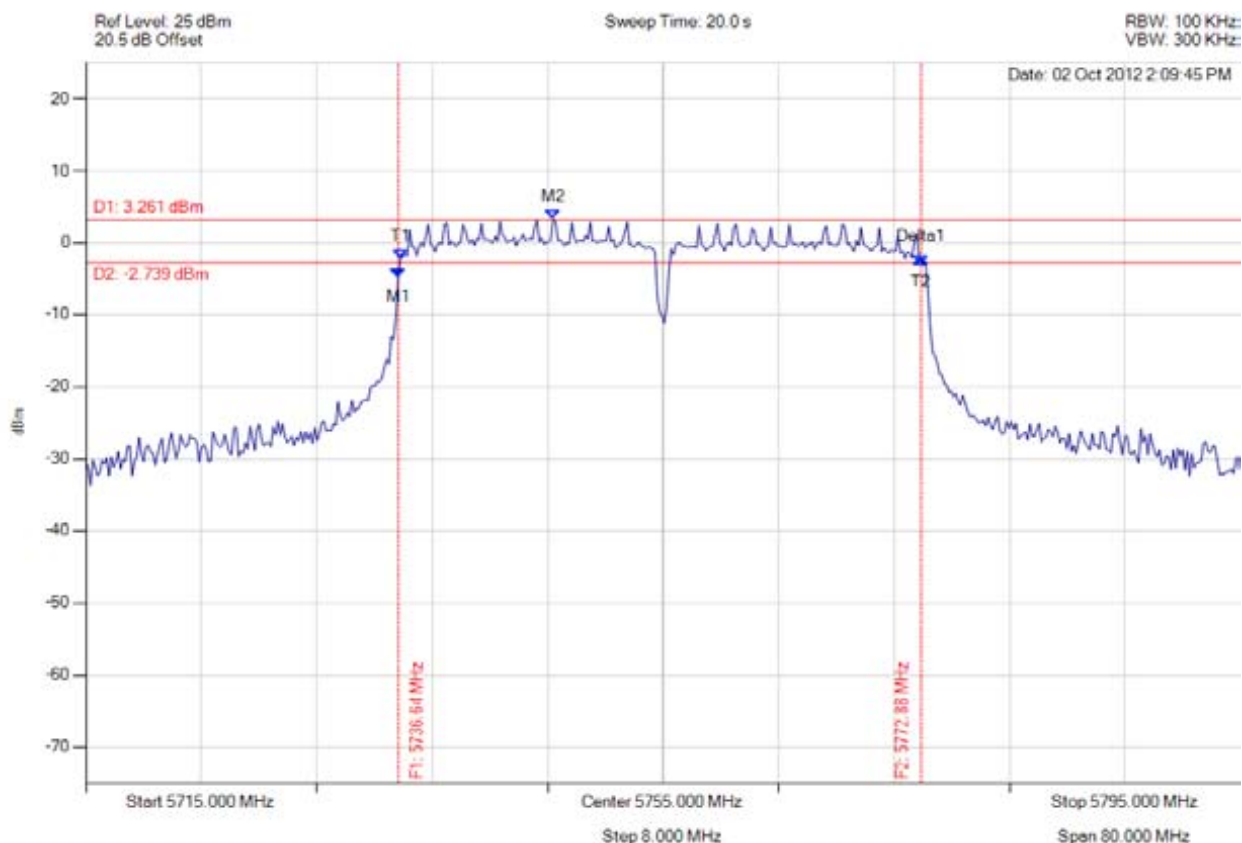


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6 dB 99%

Variant: 802.11n HT-40, Channel: 5755.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5736.643 MHz : -4.880 dBm M2 : 5747.385 MHz : 3.261 dBm Delta1 : 36.232 MHz : 2.607 dB T1 : 5736.804 MHz : -2.136 dBm T2 : 5772.876 MHz : -3.003 dBm OBW : 36.232 MHz	Measured 6 dB Bandwidth: 36.232 MHz Limit: ≥ 0.5 MHz Margin: -35.73 MHz

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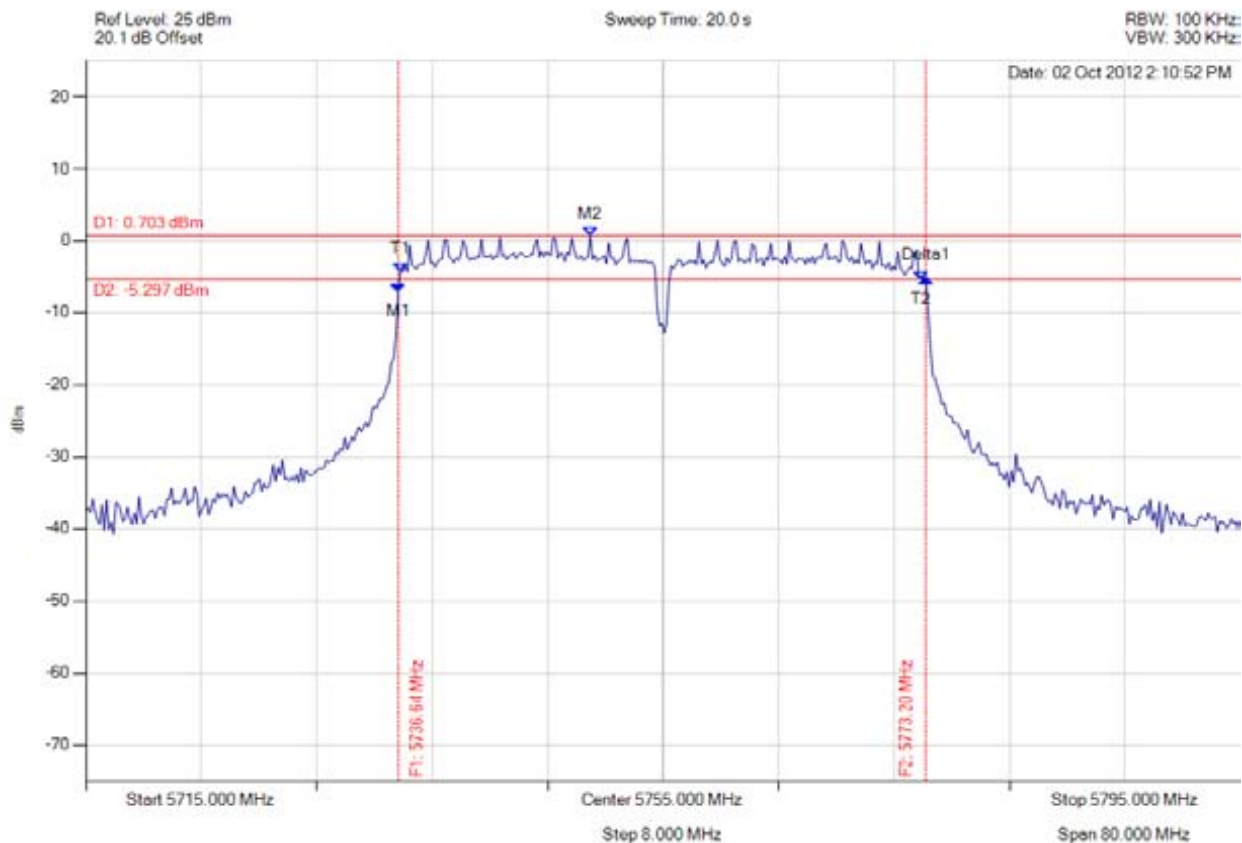


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6 dB 99%

Variant: 802.11n HT-40, Channel: 5755.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5736.643 MHz : -7.280 dBm M2 : 5749.950 MHz : 0.703 dBm Delta1 : 36.553 MHz : 2.152 dB T1 : 5736.804 MHz : -4.284 dBm T2 : 5772.876 MHz : -5.602 dBm OBW : 36.232 MHz	Measured 6 dB Bandwidth: 36.553 MHz Limit: ≥ 0.5 MHz Margin: -36.05 MHz

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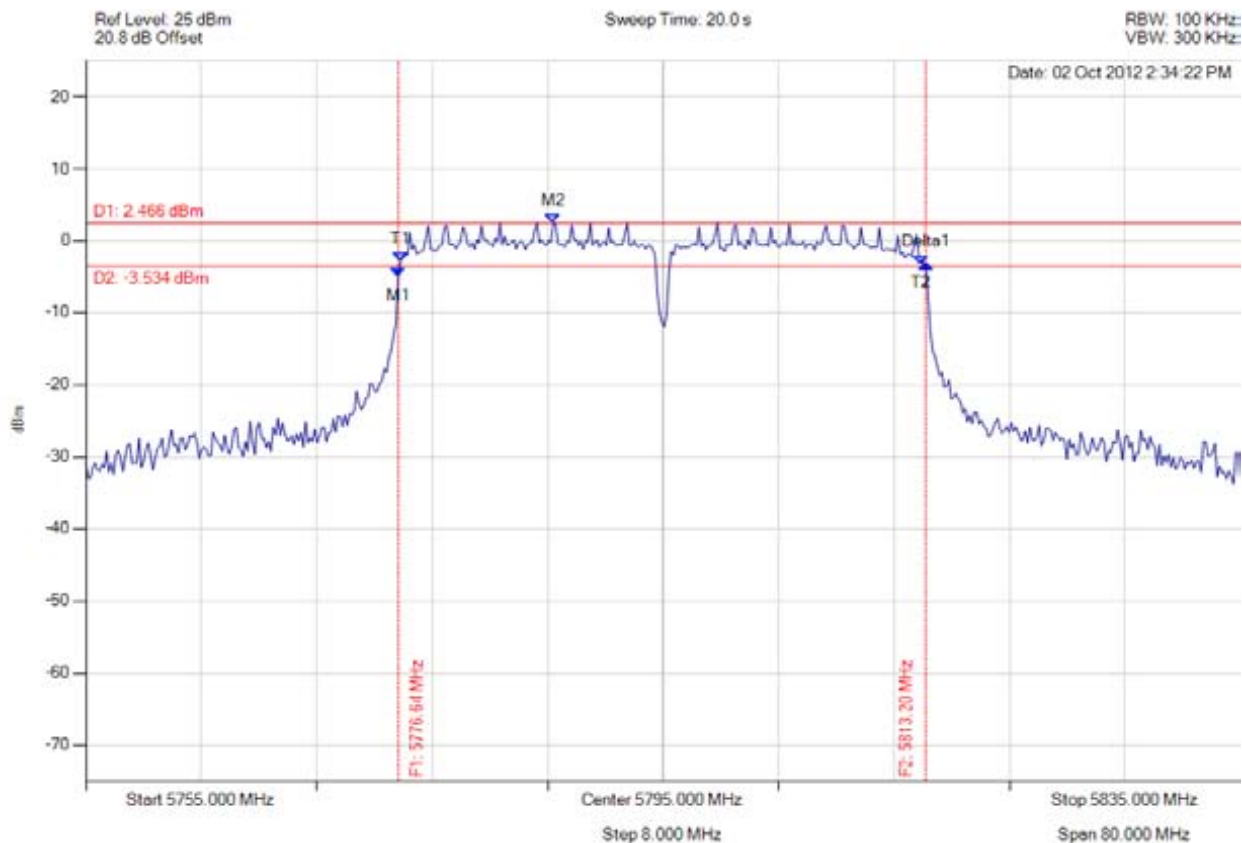


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6 dB 99%

Variant: 802.11n HT-40, Channel: 5795.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5776.643 MHz : -5.038 dBm M2 : 5787.385 MHz : 2.466 dBm Delta1 : 36.553 MHz : 1.763 dB T1 : 5776.804 MHz : -2.889 dBm T2 : 5812.876 MHz : -3.296 dBm OBW : 36.232 MHz	Measured 6 dB Bandwidth: 36.553 MHz Limit: ≥ 0.5 MHz Margin: -36.05 MHz

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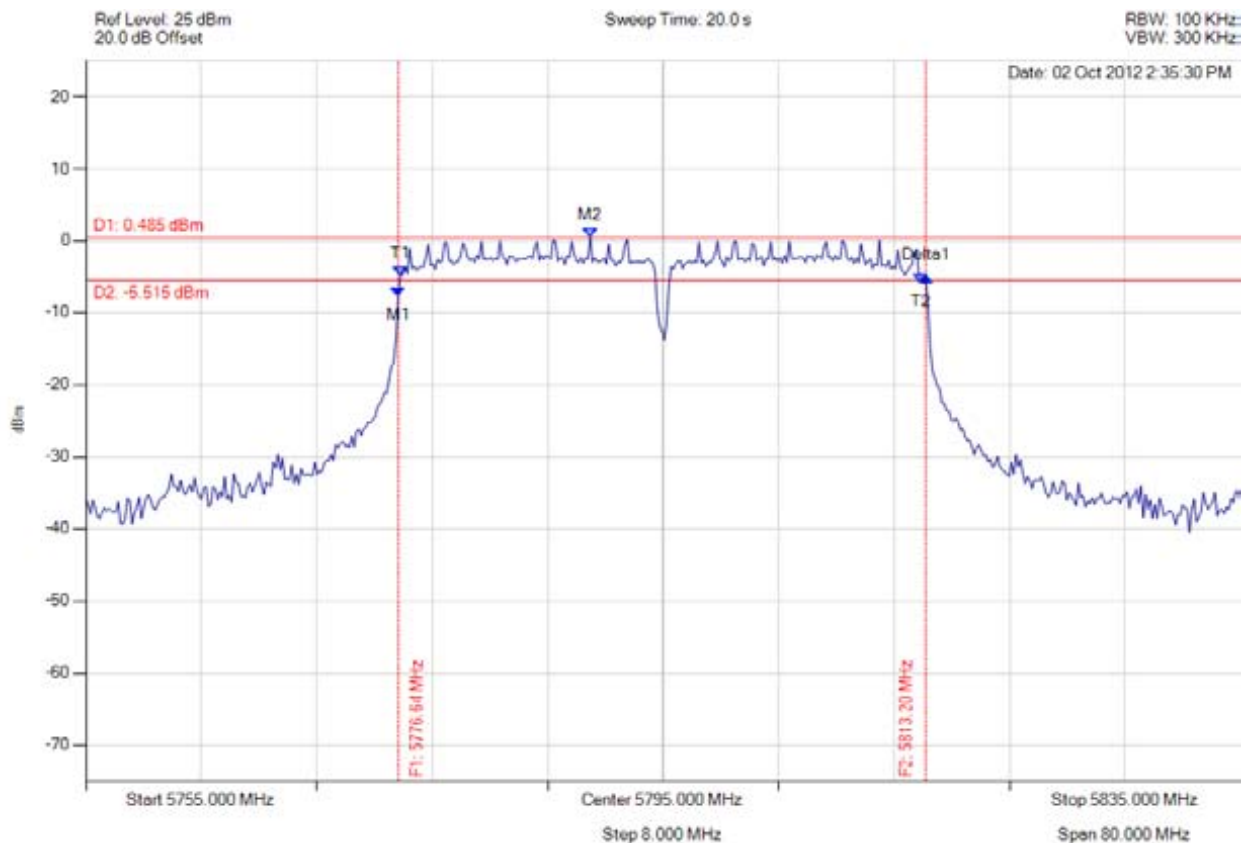


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6 dB 99%

Variant: 802.11n HT-40, Channel: 5795.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5776.643 MHz : -7.735 dBm M2 : 5789.950 MHz : 0.485 dBm Delta1 : 36.553 MHz : 2.772 dB T1 : 5776.804 MHz : -4.872 dBm T2 : 5812.876 MHz : -5.941 dBm OBW : 36.232 MHz	Measured 6 dB Bandwidth: 36.553 MHz Limit: ≥ 0.5 MHz Margin: -36.05 MHz

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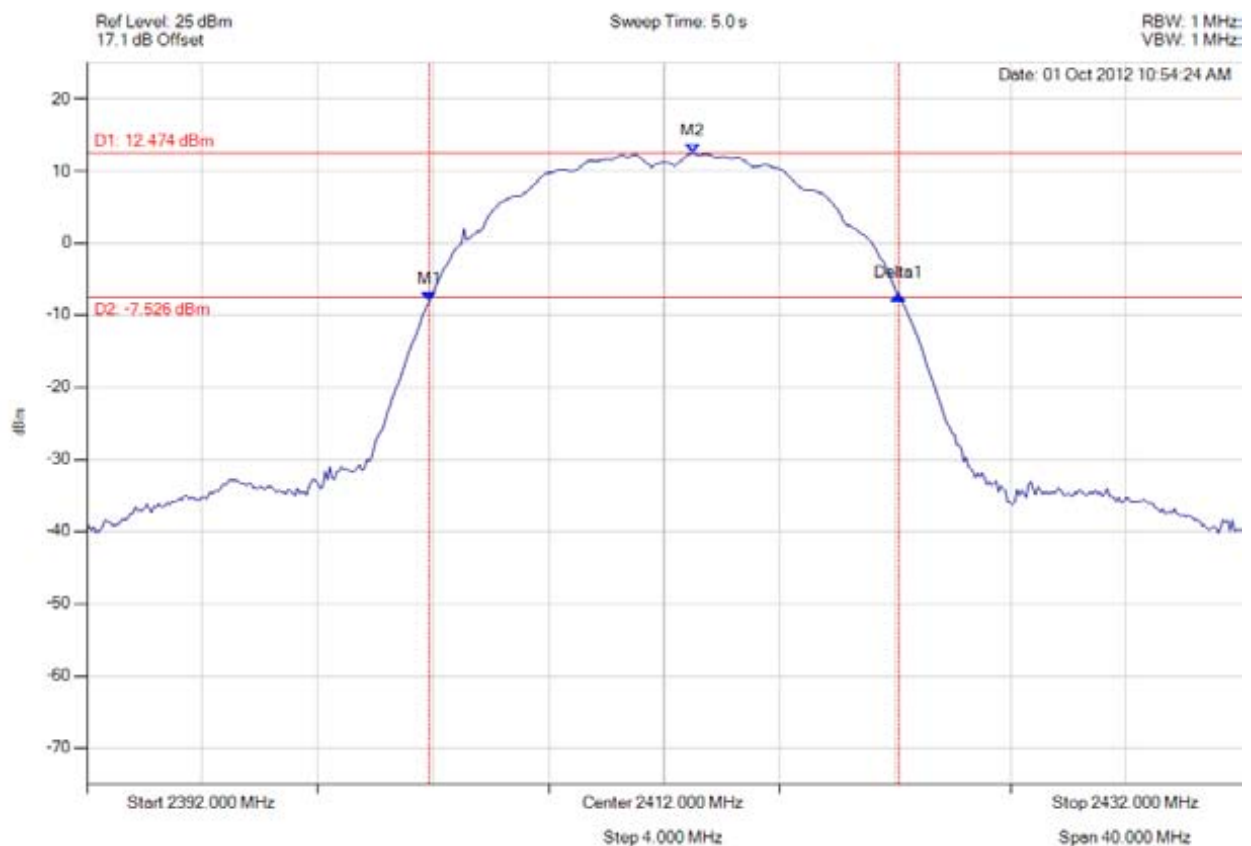
Title: Aruba Networks APINR108, APINR109 Wireless AP
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A.1.2. Peak Output Power



peak output power

Variant: 802.11b, Channel: 2412.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.864 MHz : -8.067 dBm M2 : 2413.002 MHz : 12.474 dBm Delta1 : 16.273 MHz : 0.801 dB	Channel Power: 20.81 dBm Limit: 26.99 dBm Margin: -6.18 dB

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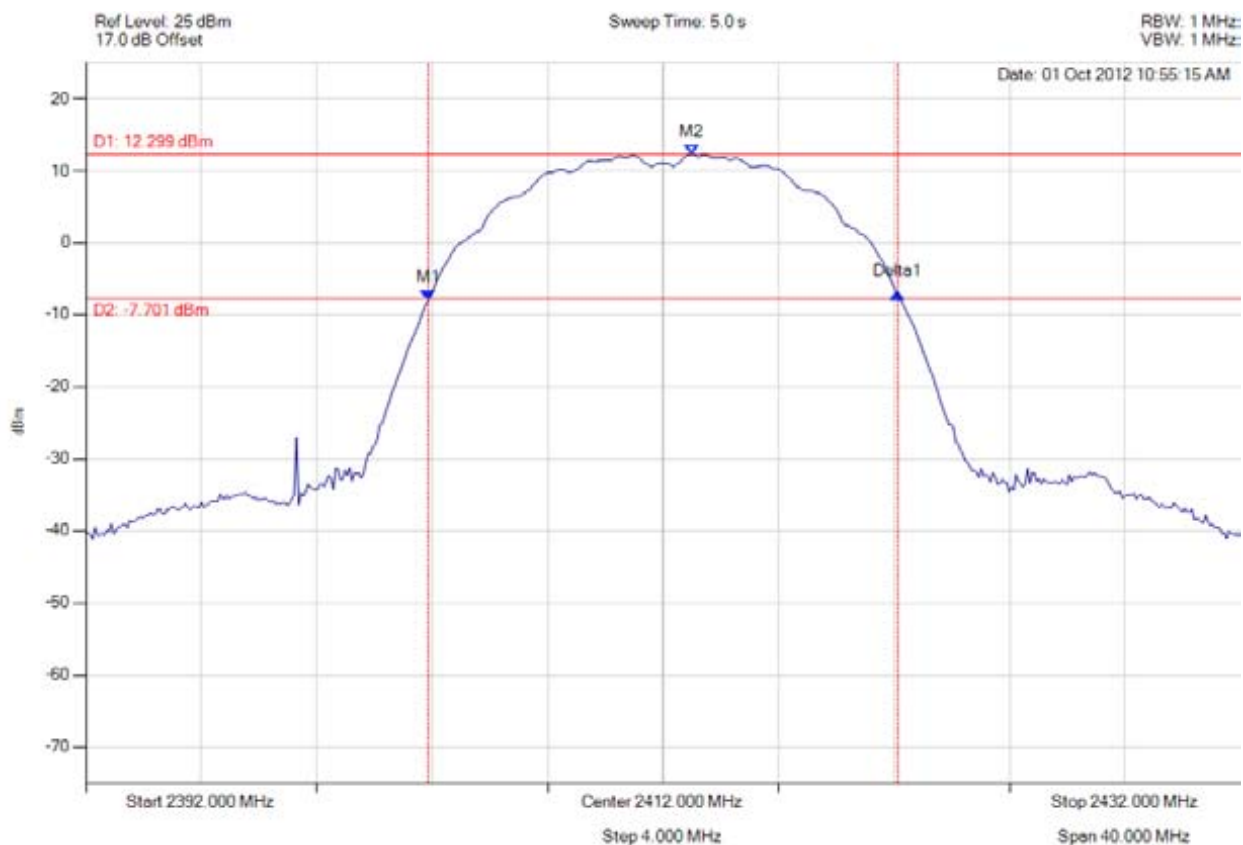


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peak output power

Variant: 802.11b, Channel: 2412.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2403.864 MHz : -7.934 dBm M2 : 2413.002 MHz : 12.299 dBm Delta1 : 16.273 MHz : 0.862 dB	Channel Power: 20.69 dBm Limit: 26.99 dBm Margin: -6.30 dB

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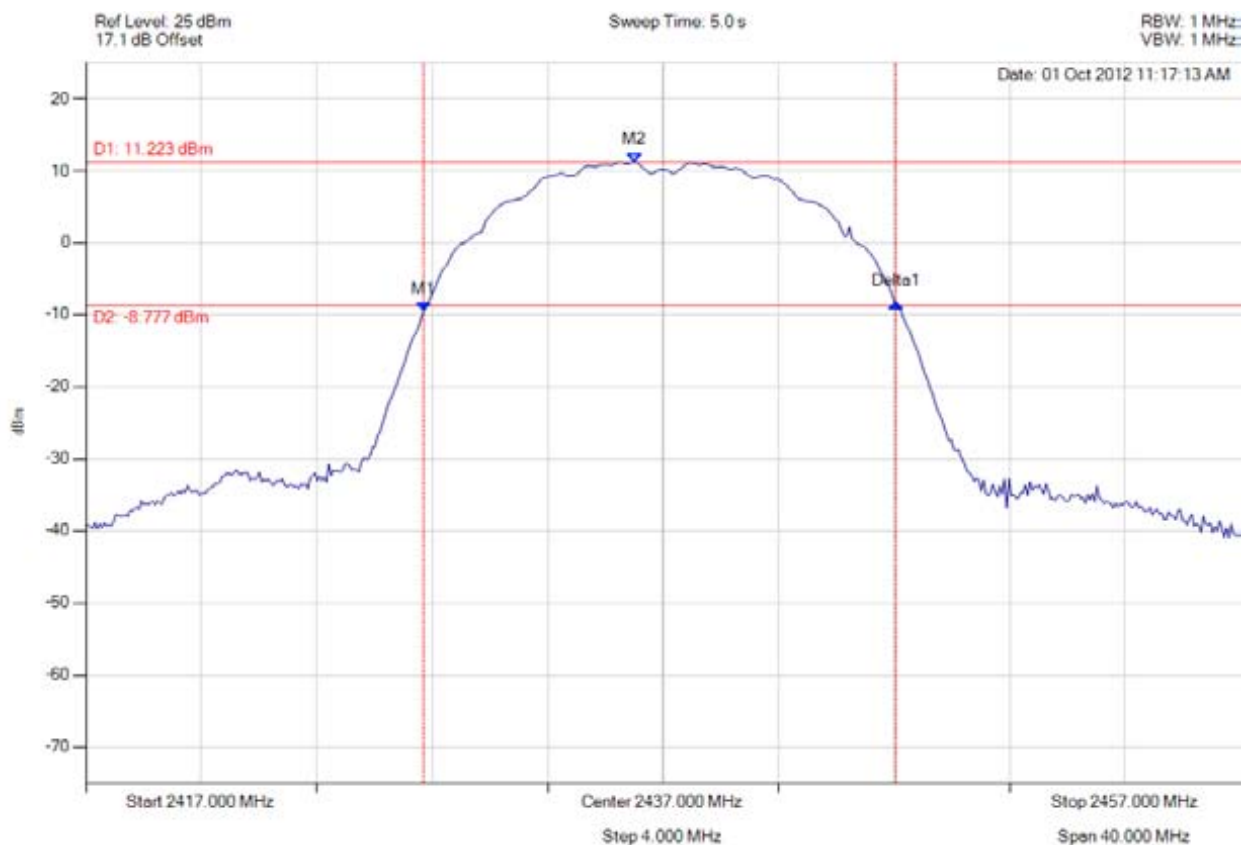


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peak output power

Variant: 802.11b, Channel: 2437.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2428.703 MHz : -9.533 dBm M2 : 2435.998 MHz : 11.223 dBm Delta1 : 2435.353 MHz : 1.204 dB	Channel Power: 19.71 dBm Limit: 26.99 dBm Margin: -7.28 dB

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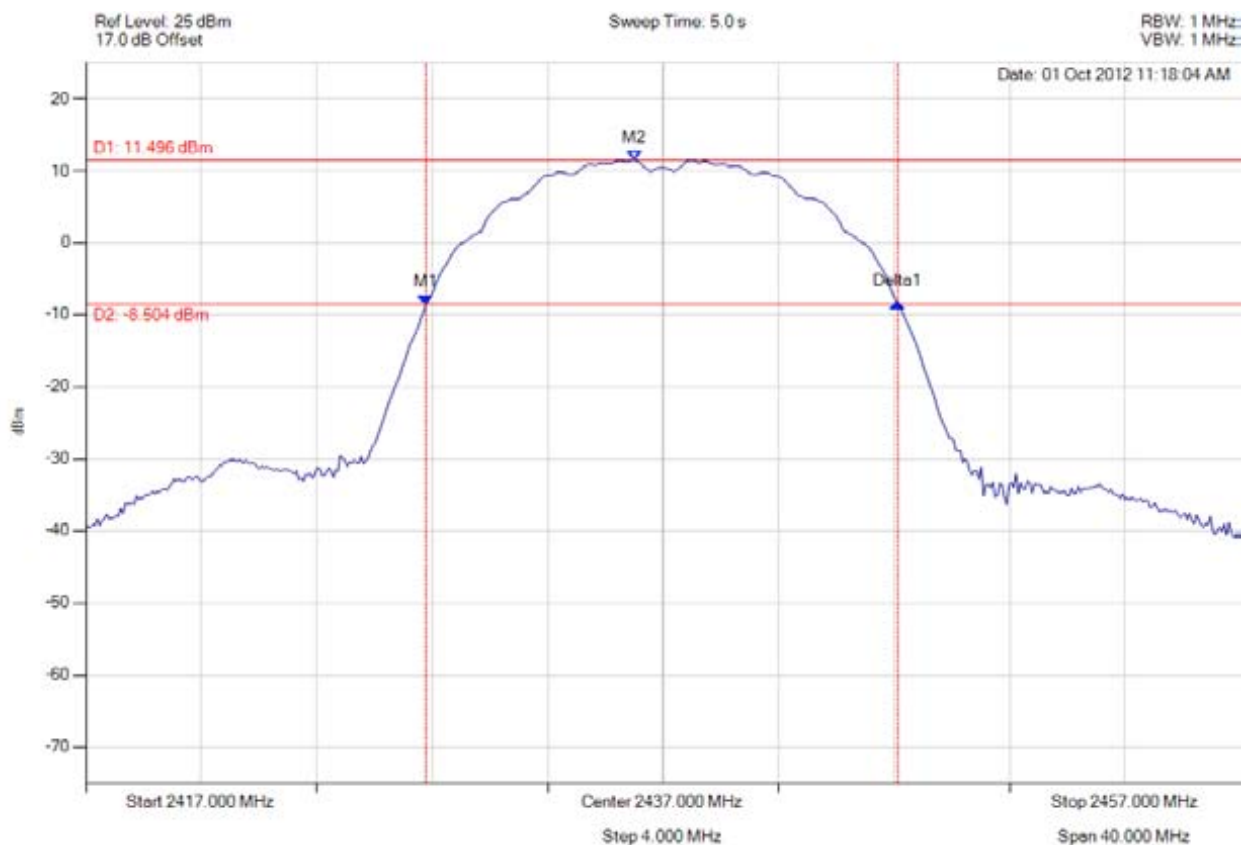


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peak output power

Variant: 802.11b, Channel: 2437.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2428.784 MHz : -8.600 dBm M2 : 2435.998 MHz : 11.496 dBm Delta1 : 16.353 MHz : 0.193 dB	Channel Power: 20.01 dBm Limit: 26.99 dBm Margin: -6.98 dB

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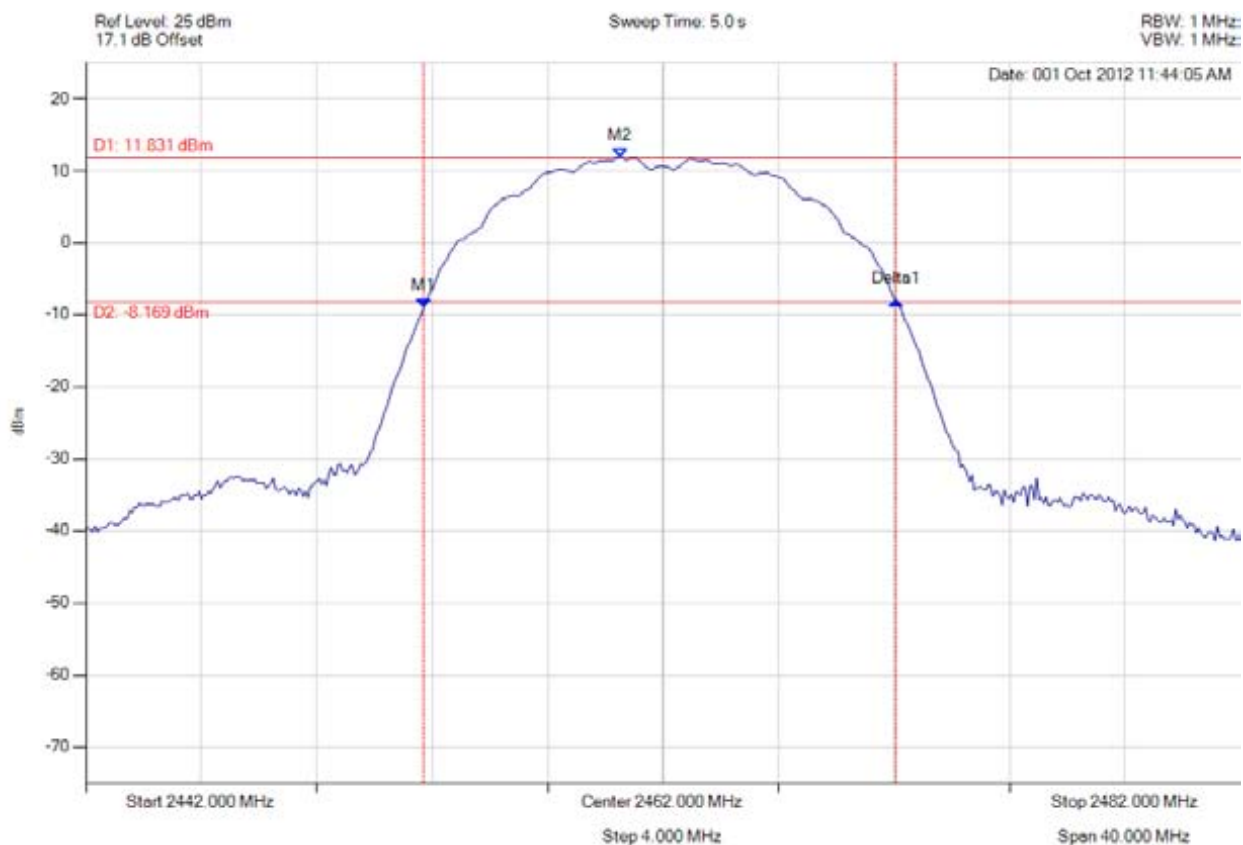


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peak output power

Variant: 802.11b, Channel: 2462.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2453.703 MHz : -8.994 dBm M2 : 2460.517 MHz : 11.831 dBm Delta1 : 16.353 MHz : 0.972 dB	Channel Power: 20.23 dBm Limit: 26.99 dBm Margin: -6.76 dB

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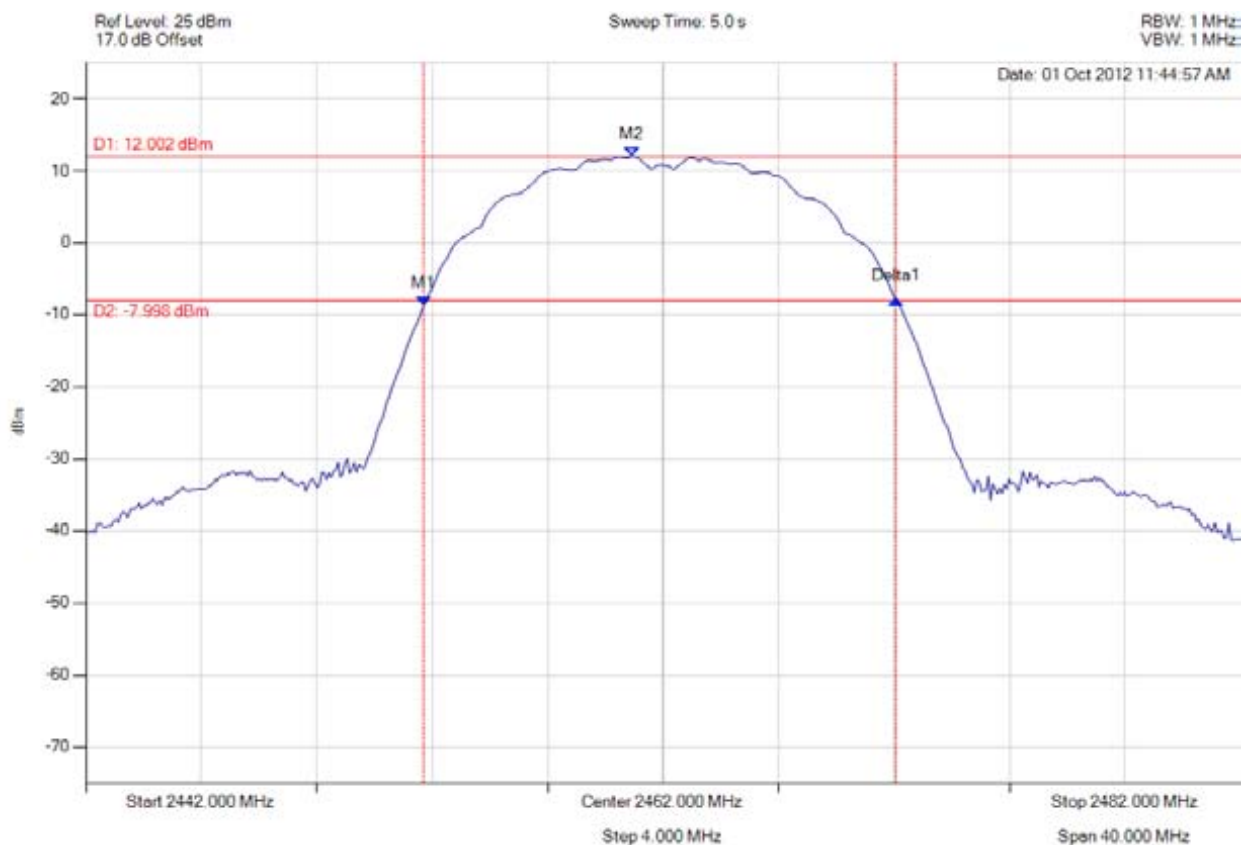


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peak output power

Variant: 802.11b, Channel: 2462.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2453.703 MHz : -8.748 dBm M2 : 2460.918 MHz : 12.002 dBm Delta1 : 16.353 MHz : 0.958 dB	Channel Power: 20.39 dBm Limit: 26.99 dBm Margin: -6.60 dB

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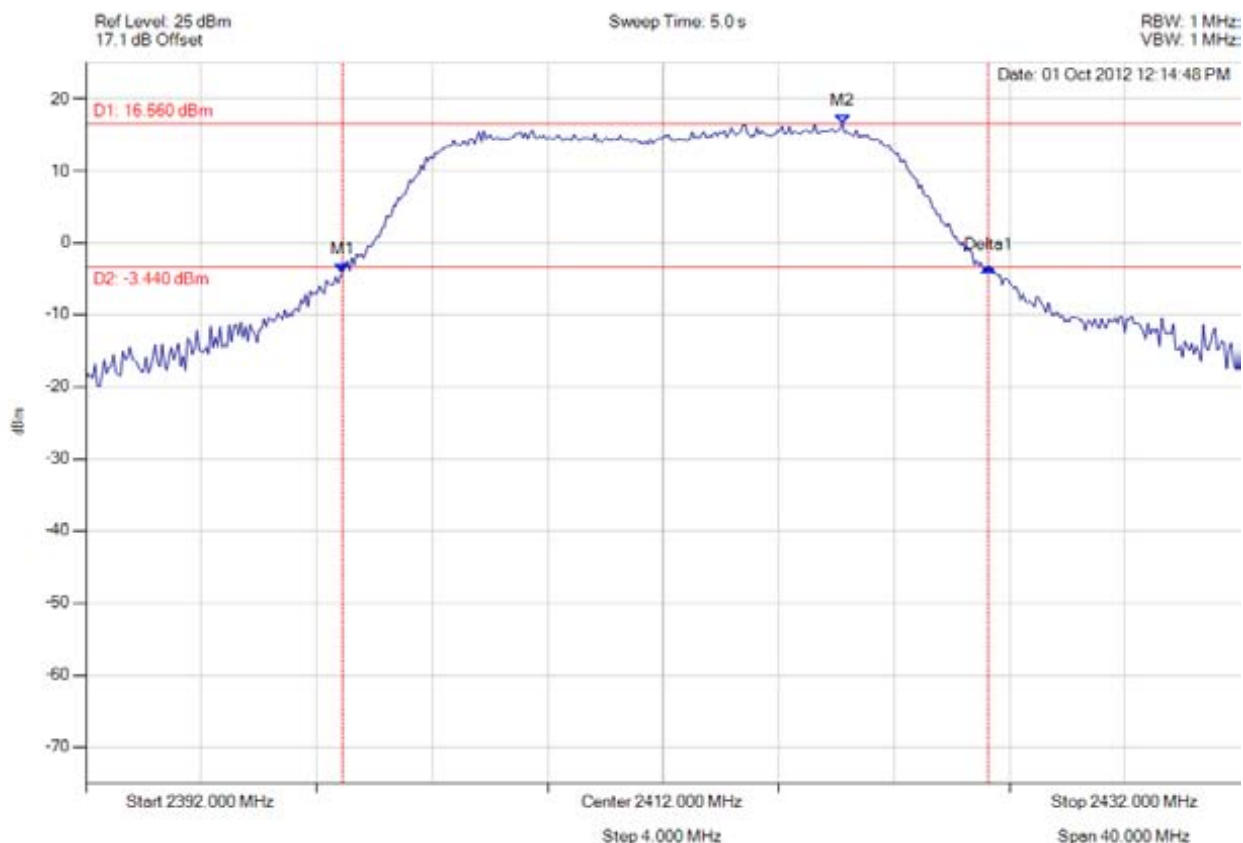


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peak output power

Variant: 802.11g, Channel: 2412.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



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 : 2418.212 MHz : 16.560 dBm Delta1 : 22.365 MHz : 0.816 dB	Channel Power: 26.45 dBm Limit: 26.99 dBm Margin: -0.54 dB

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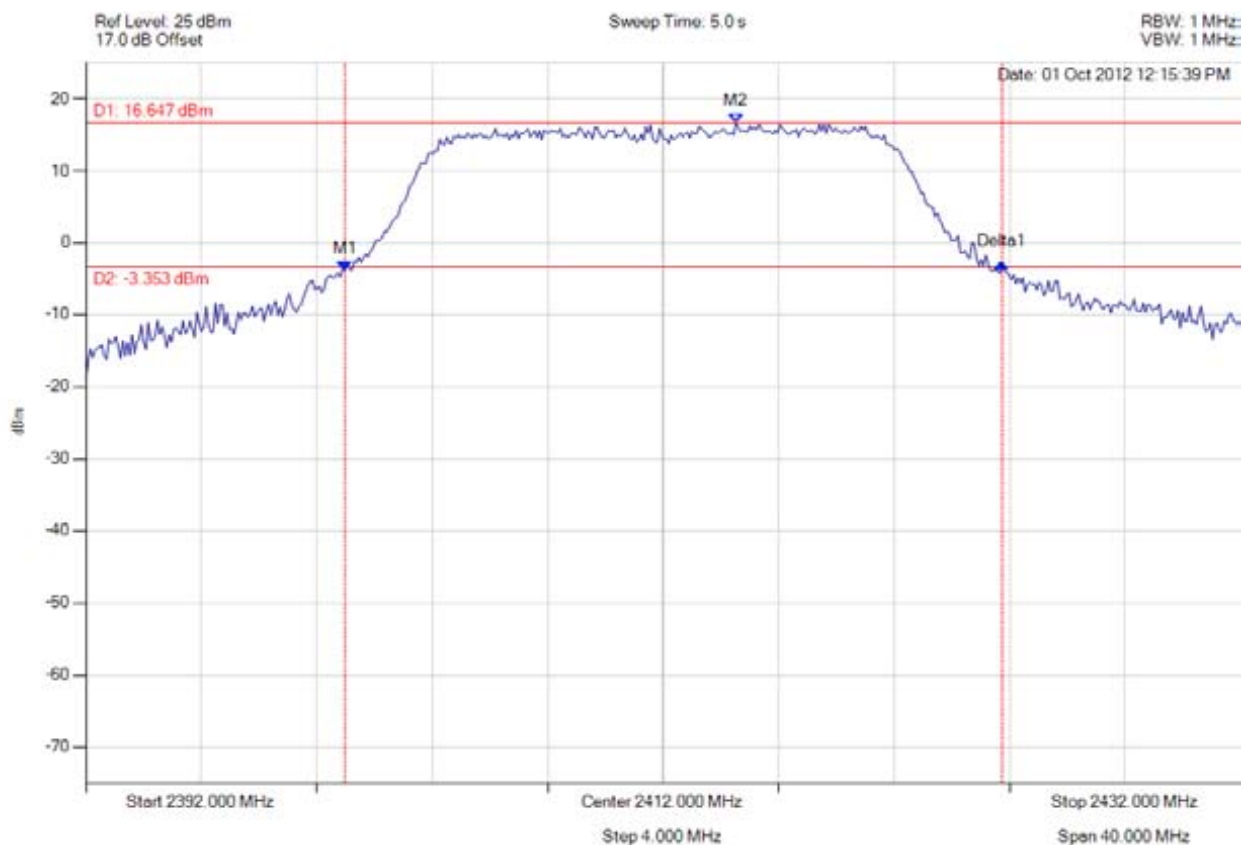


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peak output power

Variant: 802.11g, Channel: 2412.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2400.978 MHz : -3.845 dBm M2 : 2414.525 MHz : 16.647 dBm Delta1 : 22.766 MHz : 0.980 dB	Channel Power: 26.89 dBm Limit: 26.99 dBm Margin: -0.10 dB

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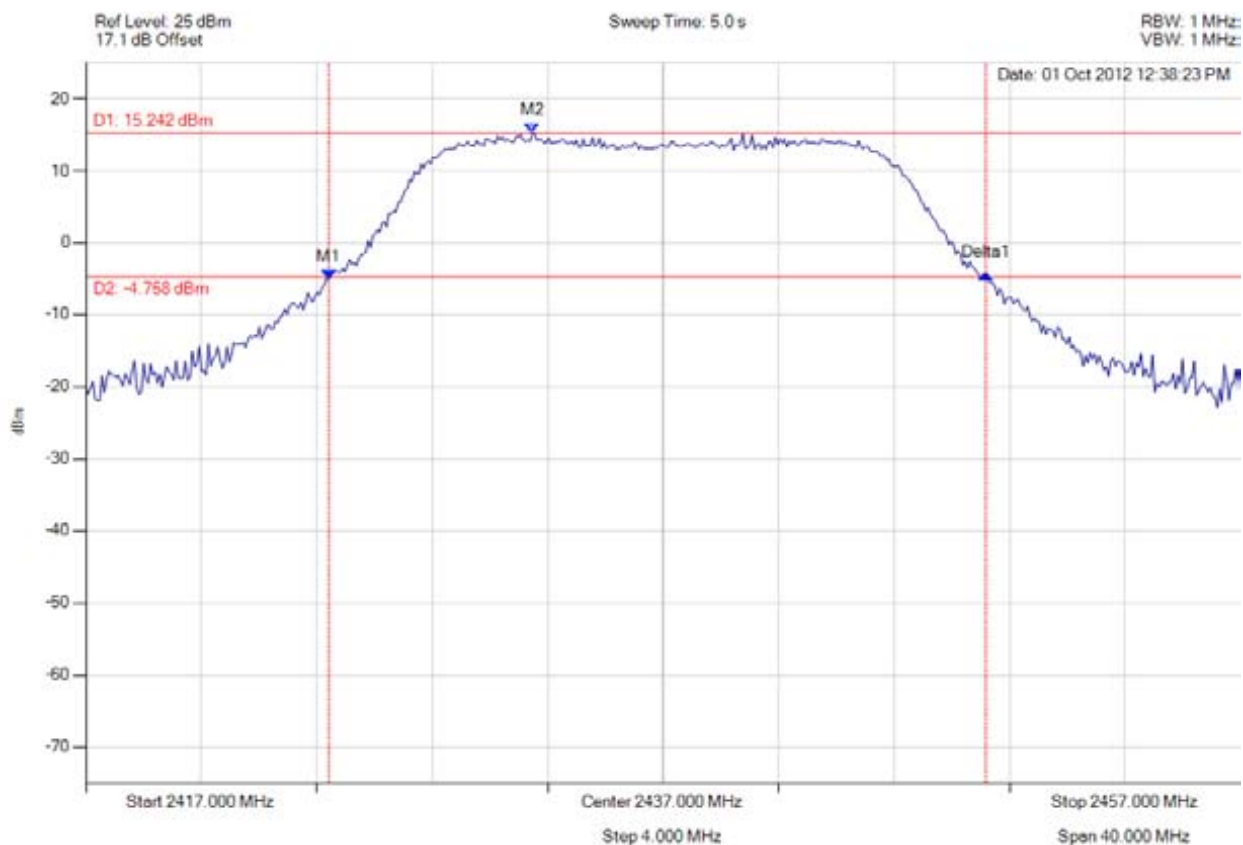


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peak output power

Variant: 802.11g, Channel: 2437.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2425.417 MHz : -5.047 dBm M2 : 2432.471 MHz : 15.242 dBm Delta1 : 22.766 MHz : 0.659 dB	Channel Power: 25.42 dBm Limit: 26.99 dBm Margin: -1.57 dB

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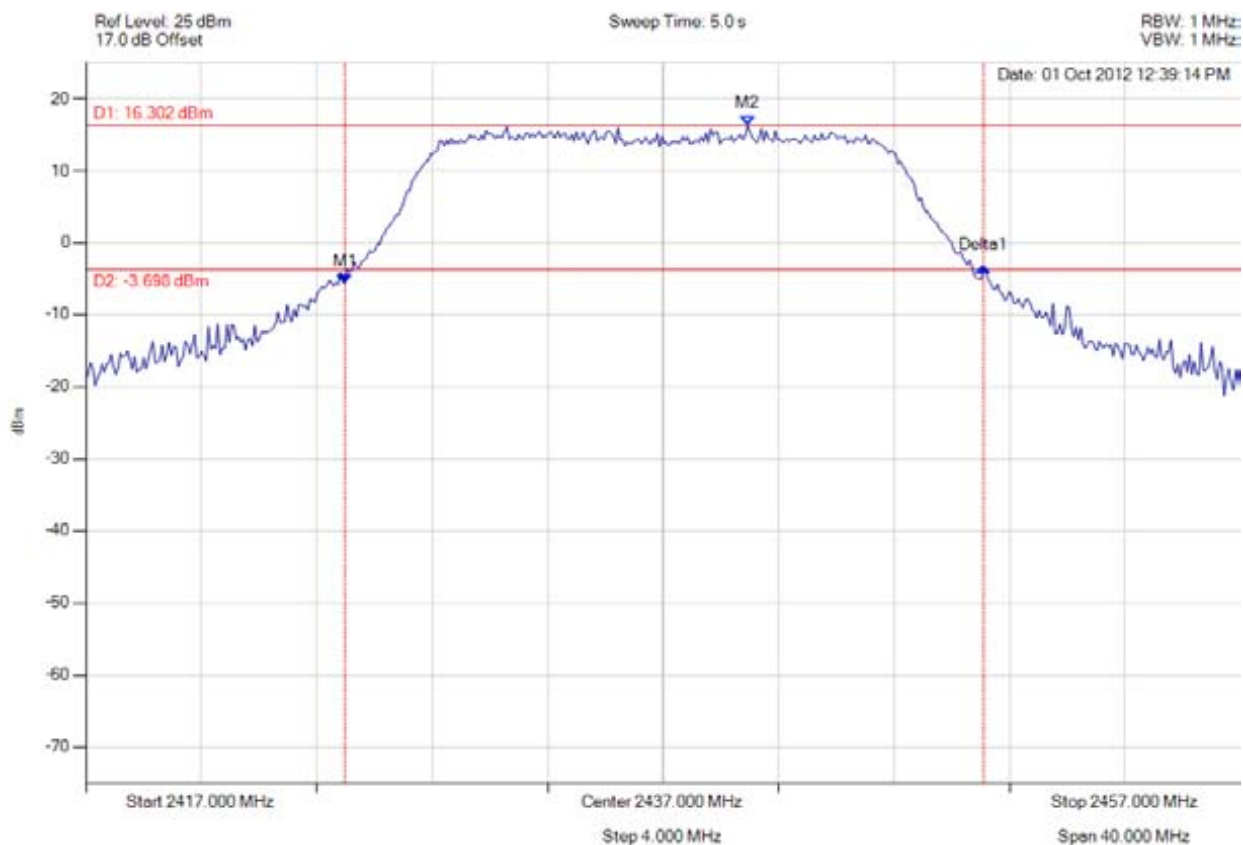


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peak output power

Variant: 802.11g, Channel: 2437.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2425.978 MHz : -5.636 dBm M2 : 2439.926 MHz : 16.302 dBm Delta1 : 22.124 MHz : 2.333 dB	Channel Power: 26.20 dBm Limit: 26.99 dBm Margin: -0.79 dB

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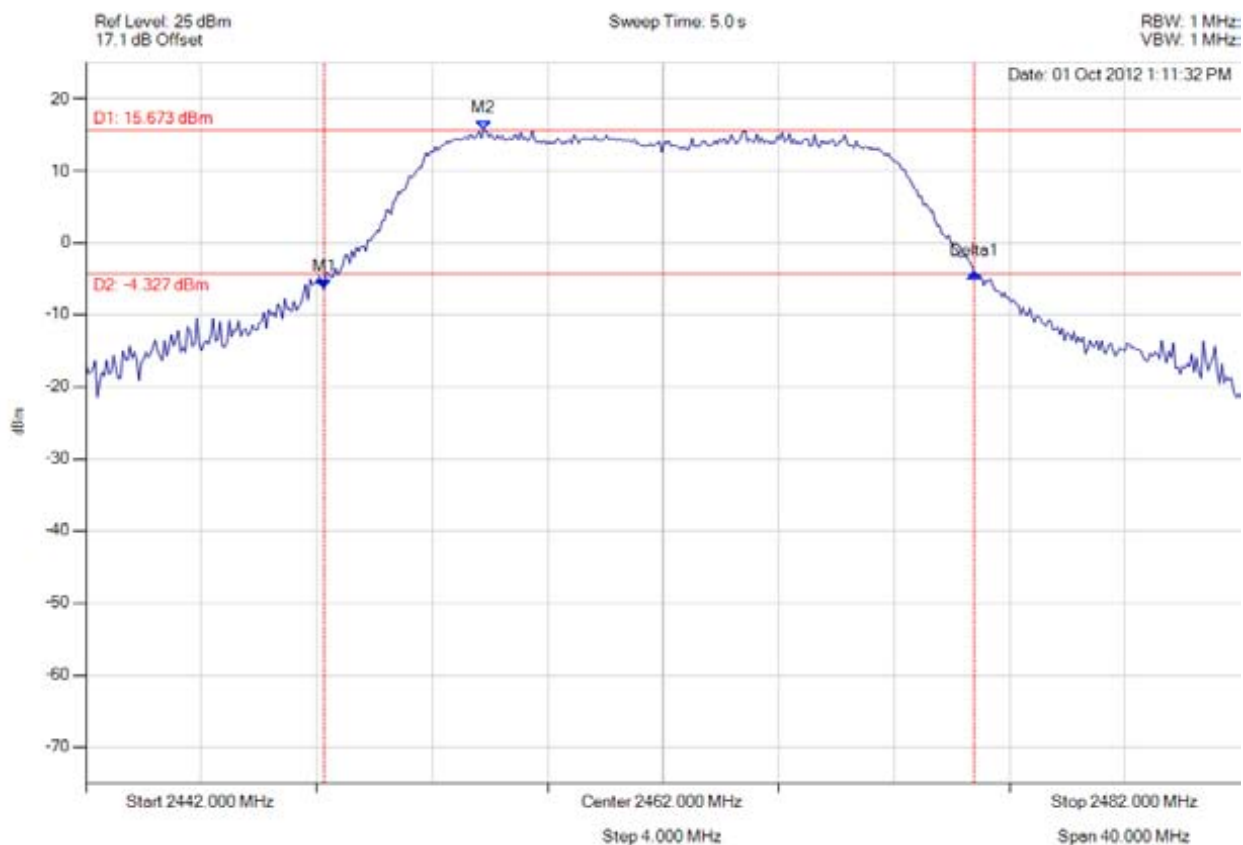


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peak output power

Variant: 802.11g, Channel: 2462.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2450.257 MHz : -6.417 dBm M2 : 2455.788 MHz : 15.673 dBm Delta1 : 22.525 MHz : 2.150 dB	Channel Power: 25.84 dBm Limit: 26.99 dBm Margin: -1.15 dB

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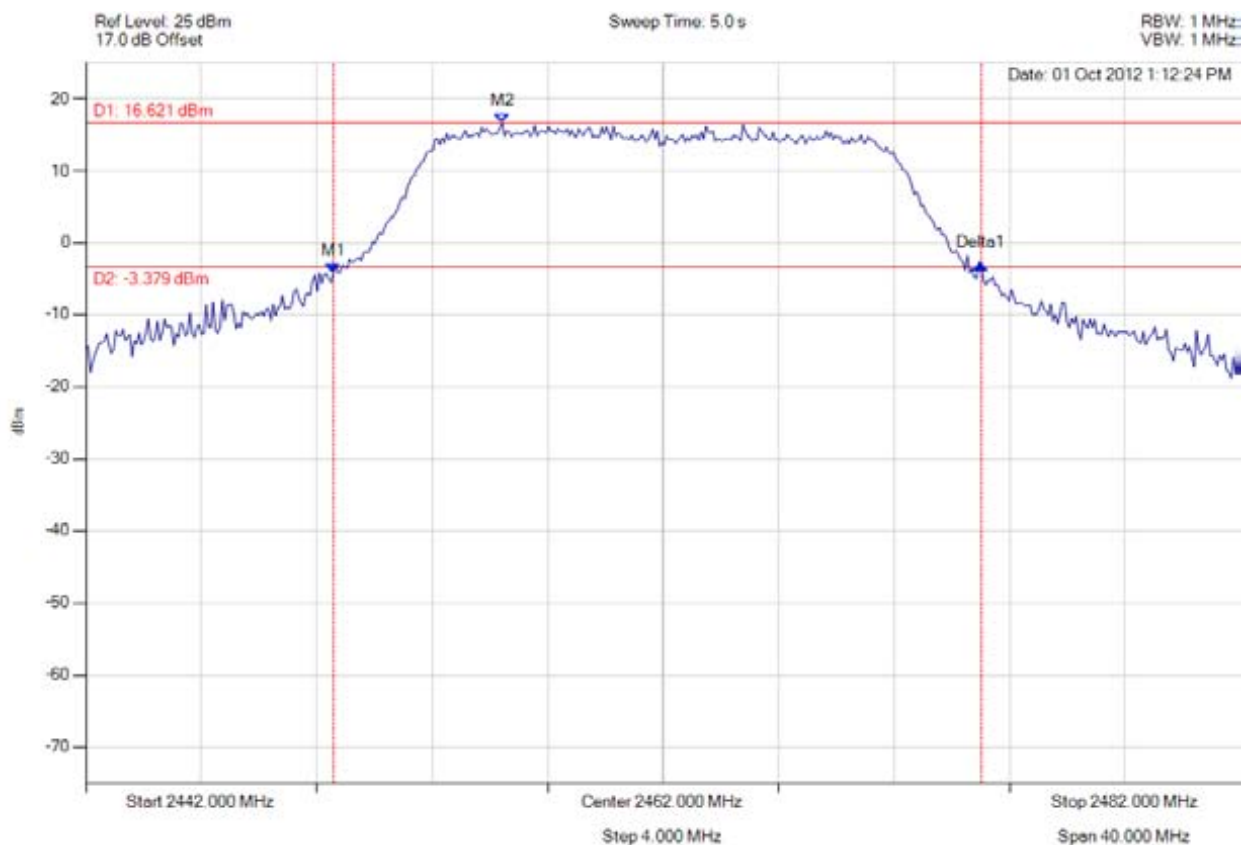


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peak output power

Variant: 802.11g, Channel: 2462.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2450.577 MHz : -4.255 dBm M2 : 2456.429 MHz : 16.621 dBm Delta1 : 22.445 MHz : 1.249 dB	Channel Power: 26.51 dBm Limit: 26.99 dBm Margin: -0.48 dB

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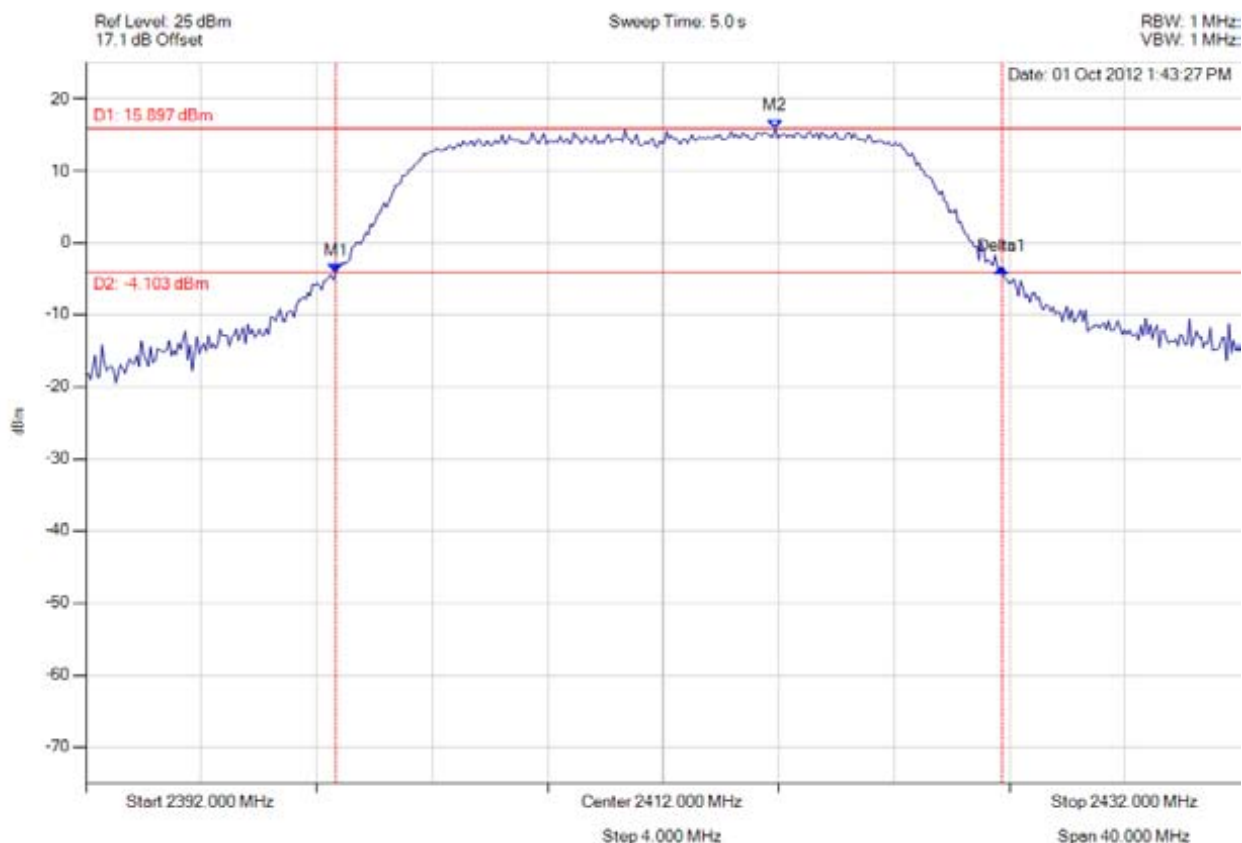


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peak output power

Variant: 802.11n HT-20, Channel: 2412.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2400.657 MHz : -4.129 dBm M2 : 2415.888 MHz : 15.897 dBm Delta1 : 23.086 MHz : 0.590 dB	Channel Power: 26.28 dBm Limit: 26.99 dBm Margin: -0.71 dB

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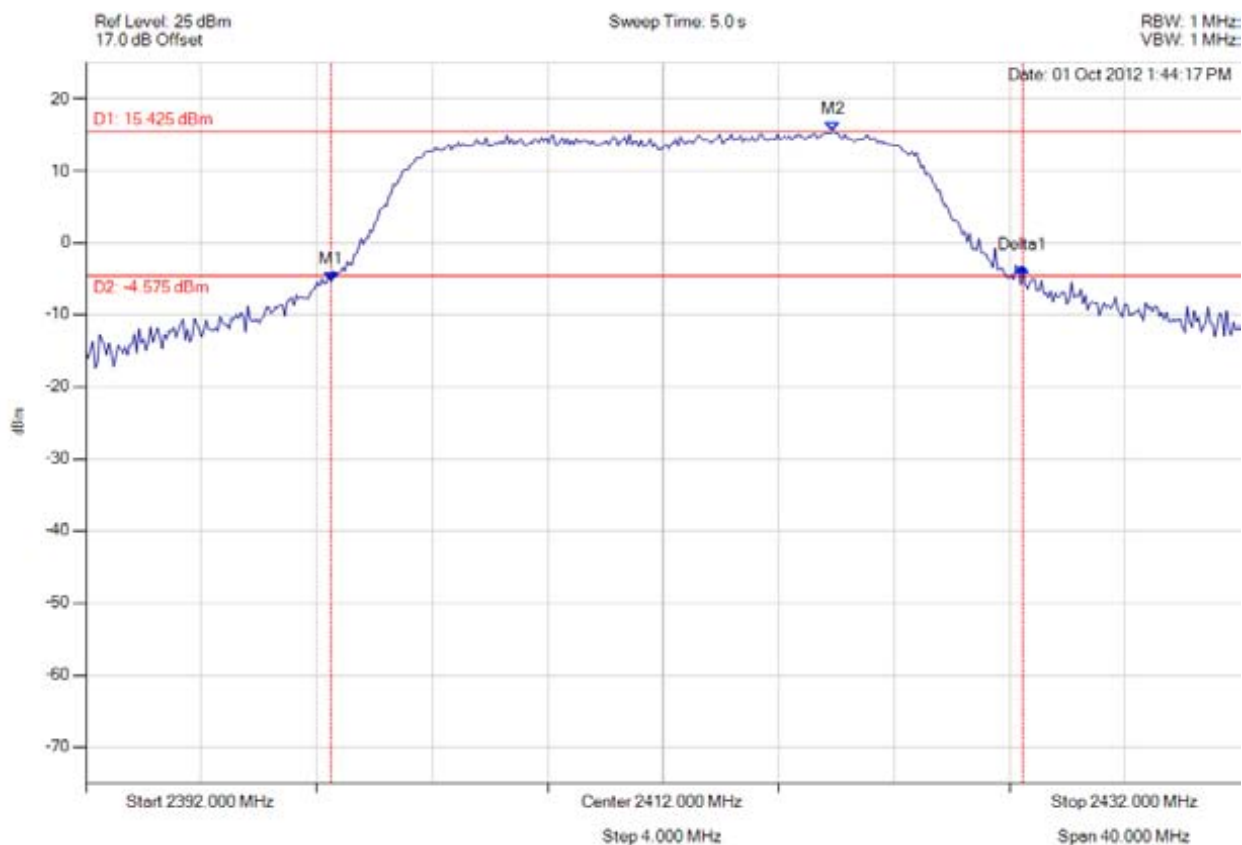


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peak output power

Variant: 802.11n HT-20, Channel: 2412.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2400.497 MHz : -5.437 dBm M2 : 2417.892 MHz : 15.425 dBm Delta1 : 23.968 MHz : 2.062 dB	Channel Power: 26.10 dBm Limit: 26.99 dBm Margin: -0.89 dB

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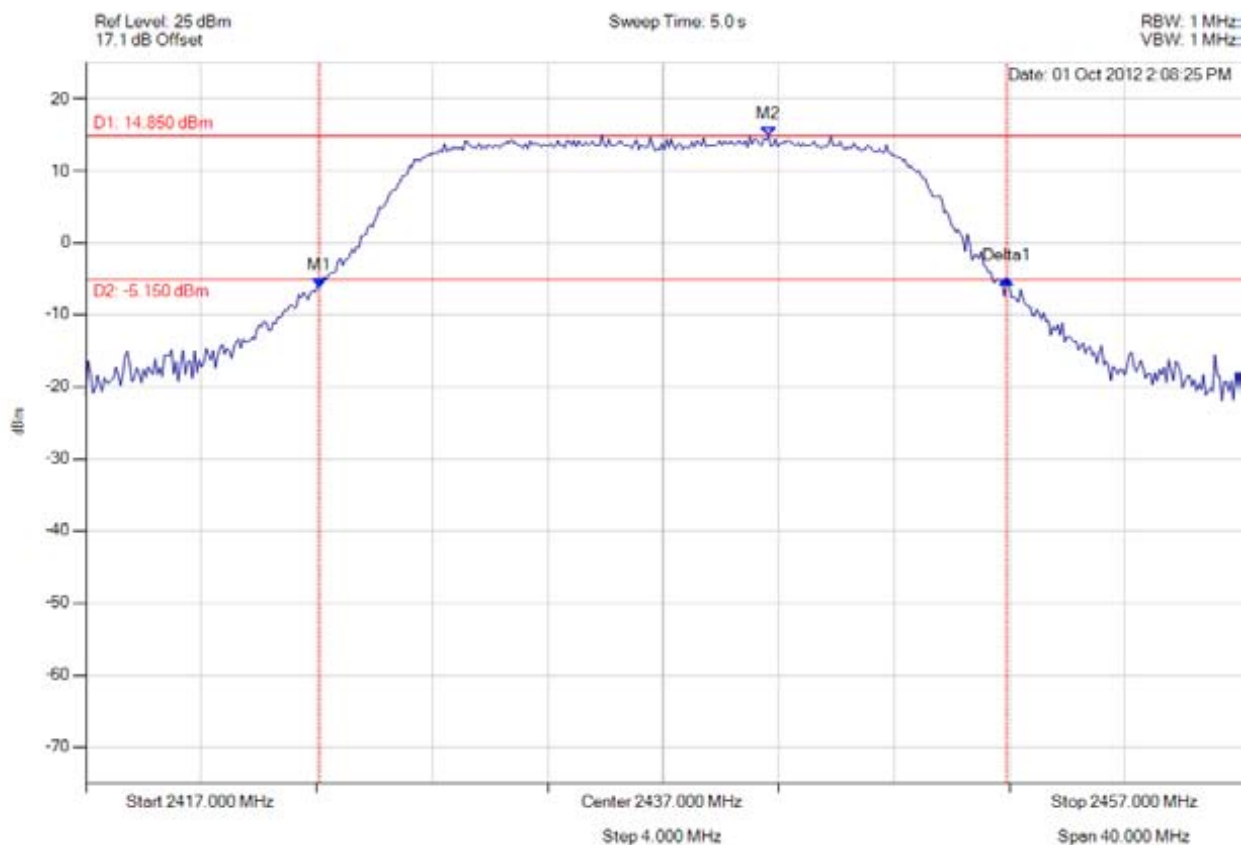


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peak output power

Variant: 802.11n HT-20, Channel: 2437.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2425.096 MHz : -6.263 dBm M2 : 2440.647 MHz : 14.850 dBm Delta1 : 23.808 MHz : 1.306 dB	Channel Power: 25.49 dBm Limit: 26.99 dBm Margin: -1.50 dB

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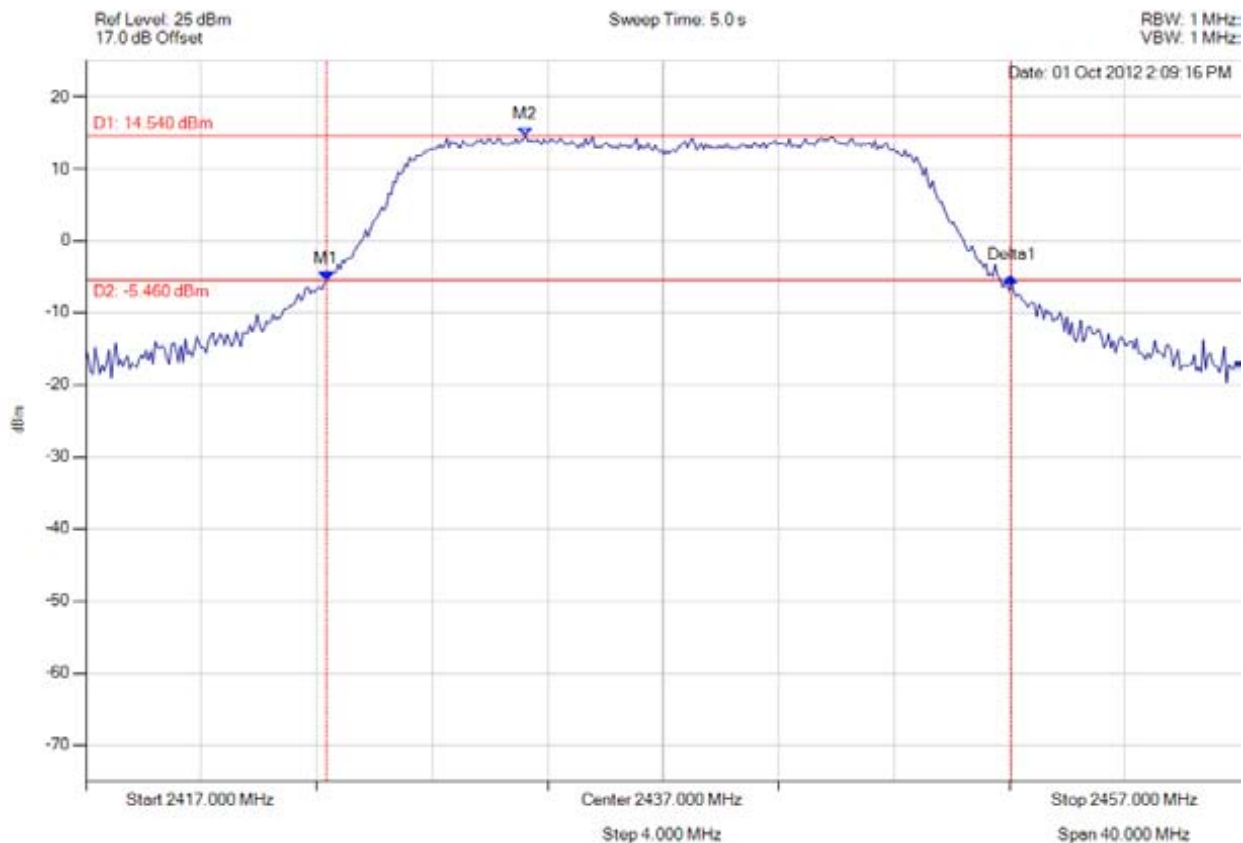


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peak output power

Variant: 802.11n HT-20, Channel: 2437.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2425.337 MHz : -5.480 dBm M2 : 2432.230 MHz : 14.540 dBm Delta1 : 23.727 MHz : 0.517 dB	Channel Power: 25.39 dBm Limit: 26.99 dBm Margin: -1.60 dB

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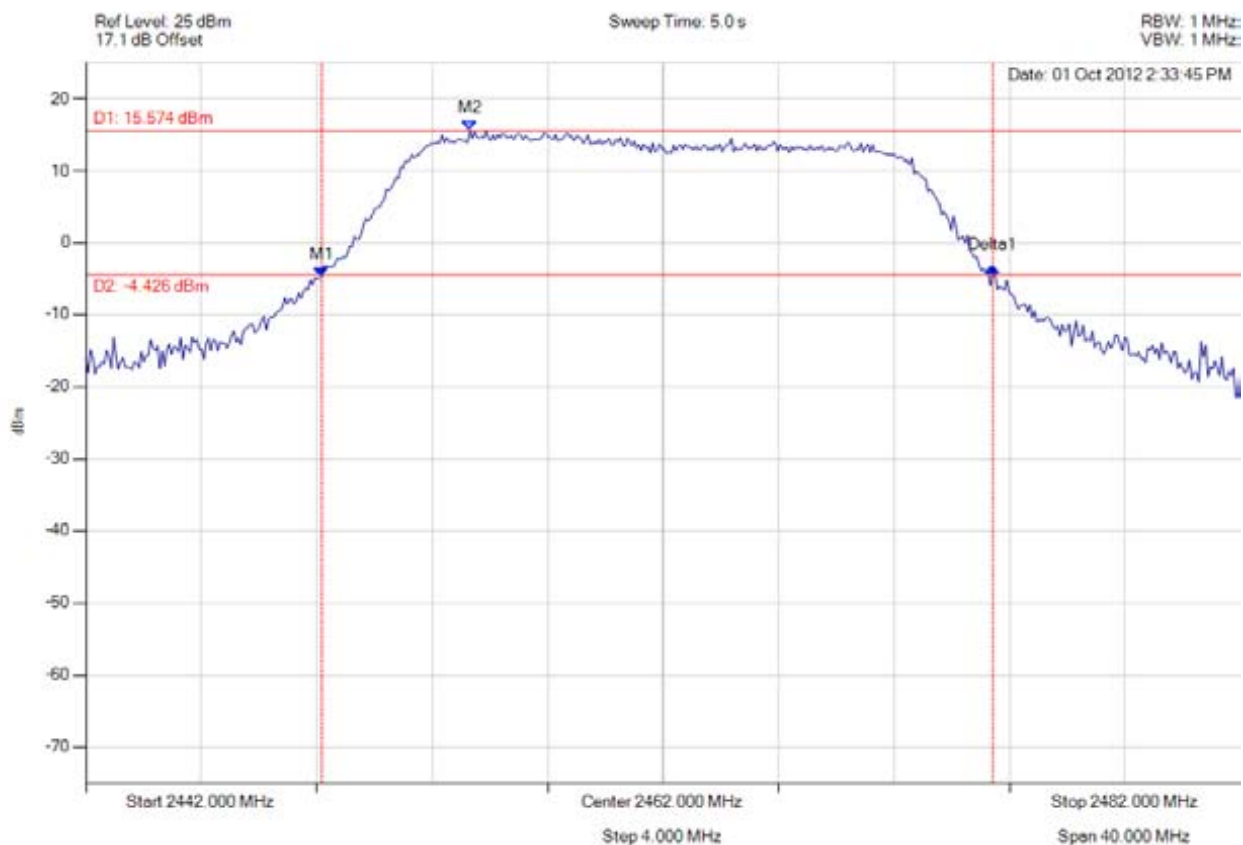


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peak output power

Variant: 802.11n HT-20, Channel: 2462.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2450.176 MHz : -4.731 dBm M2 : 2455.307 MHz : 15.574 dBm Delta1 : 23.246 MHz : 1.300 dB	Channel Power: 25.72 dBm Limit: 26.99 dBm Margin: -1.27 dB

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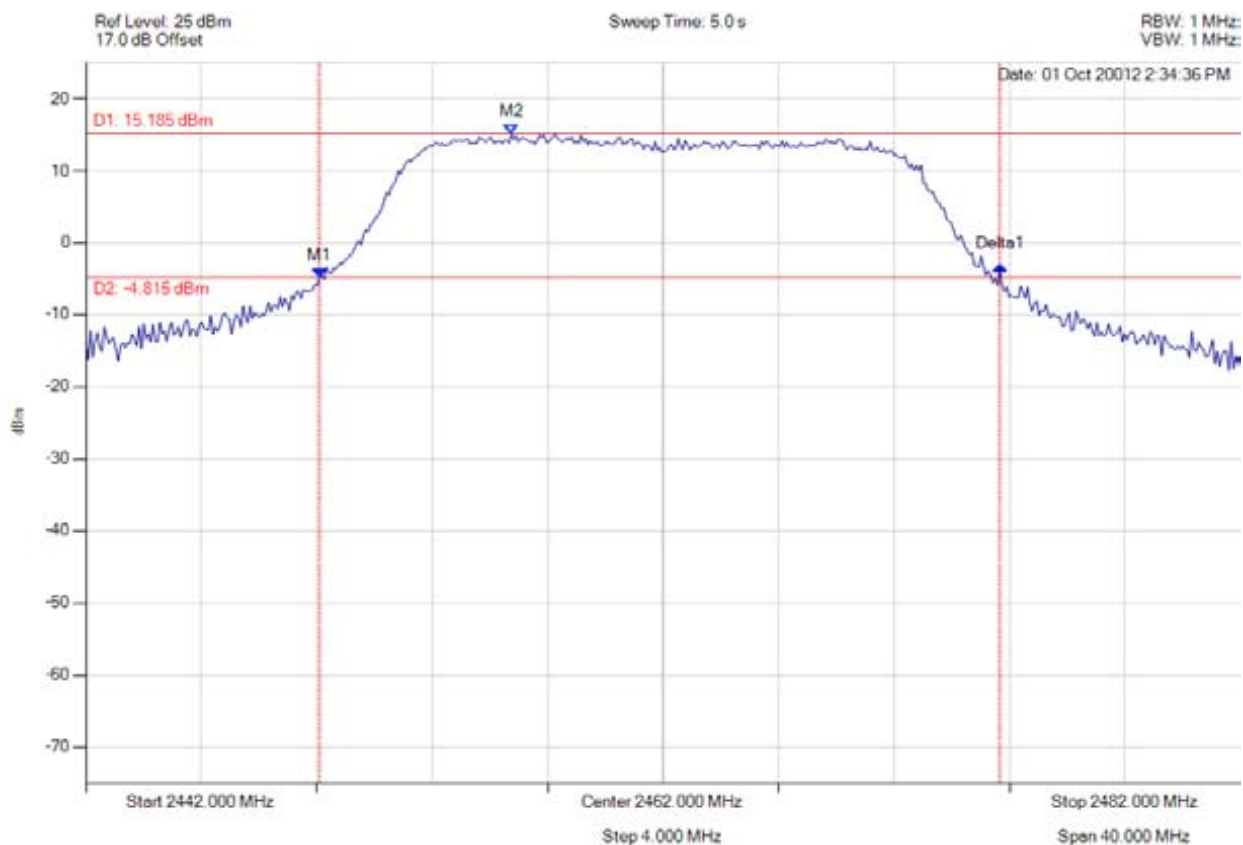


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peak output power

Variant: 802.11n HT-20, Channel: 2462.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2450.096 MHz : -4.890 dBm M2 : 2456.749 MHz : 15.185 dBm Delta1 : 23.567 MHz : 1.641 dB	Channel Power: 25.73 dBm Limit: 26.99 dBm Margin: -1.26 dB

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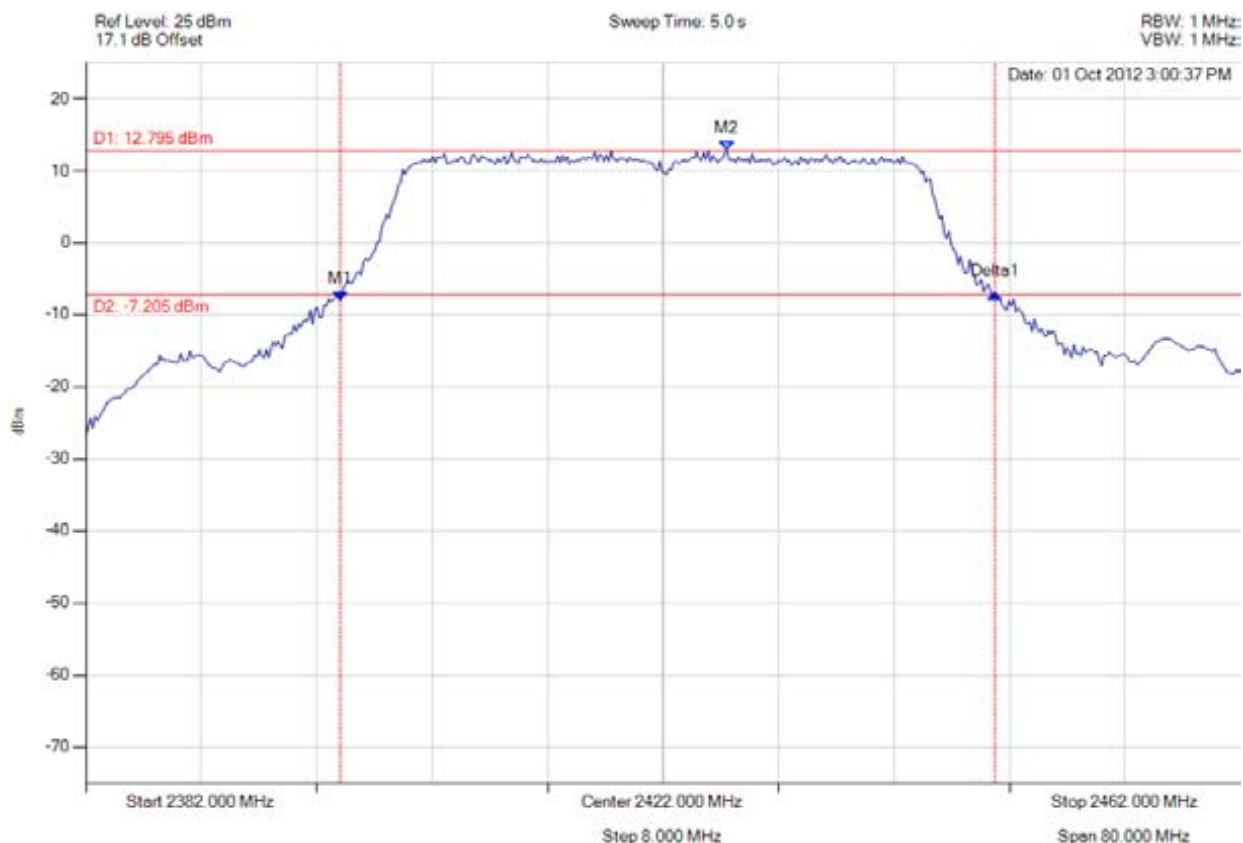


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peak output power

Variant: 802.11n HT-40, Channel: 2422.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2399.635 MHz : -7.975 dBm M2 : 2426.409 MHz : 12.795 dBm Delta1 : 45.371 MHz : 0.879 dB	Channel Power: 26.60 dBm Limit: 26.99 dBm Margin: -0.39 dB

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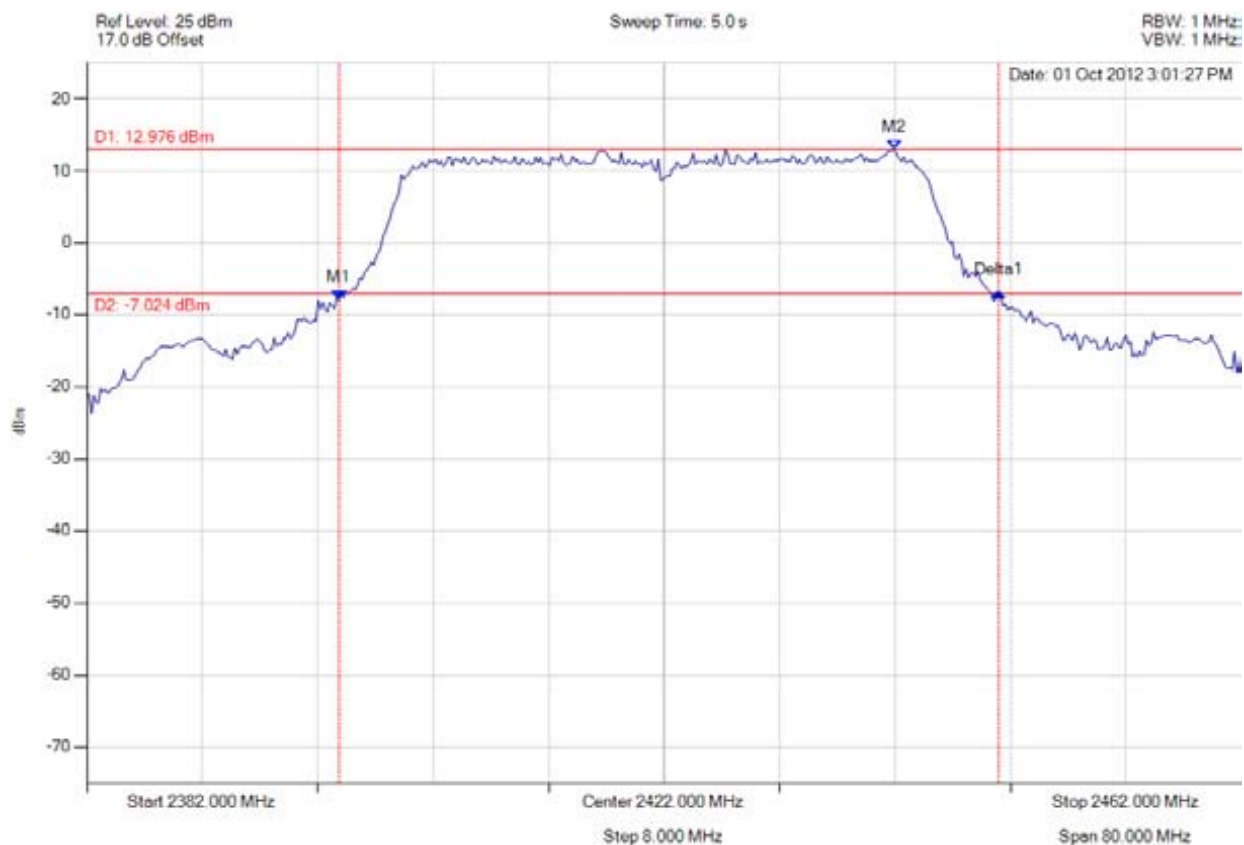


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peak output power

Variant: 802.11n HT-40, Channel: 2422.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2399.475 MHz : -7.932 dBm M2 : 2437.952 MHz : 12.976 dBm Delta1 : 45.691 MHz : 1.135 dB	Channel Power: 26.49 dBm Limit: 26.99 dBm Margin: -0.50 dB

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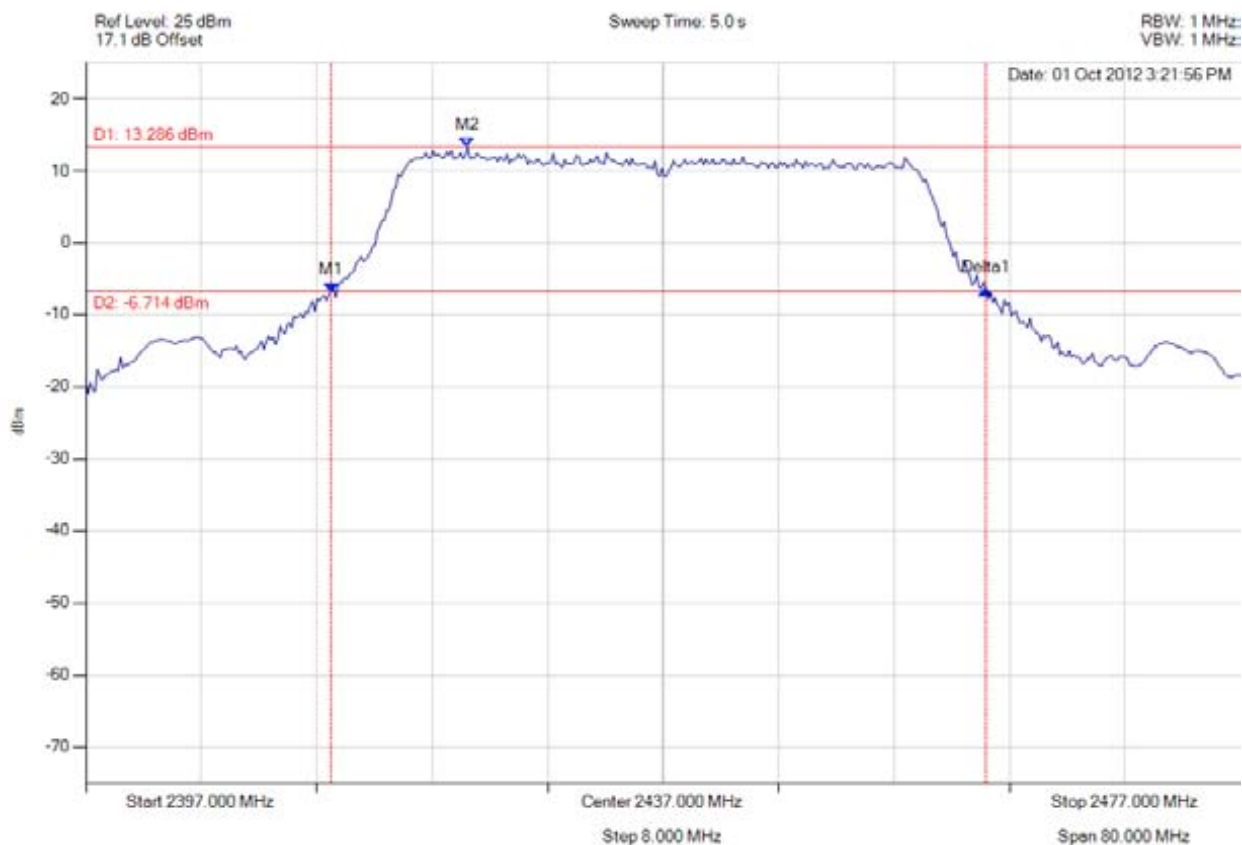


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peak output power

Variant: 802.11n HT-40, Channel: 2437.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2413.994 MHz : -6.814 dBm M2 : 2423.453 MHz : 13.286 dBm Delta1 : 45.371 MHz : 0.309 dB	Channel Power: 26.37 dBm Limit: 26.99 dBm Margin: -0.62 dB

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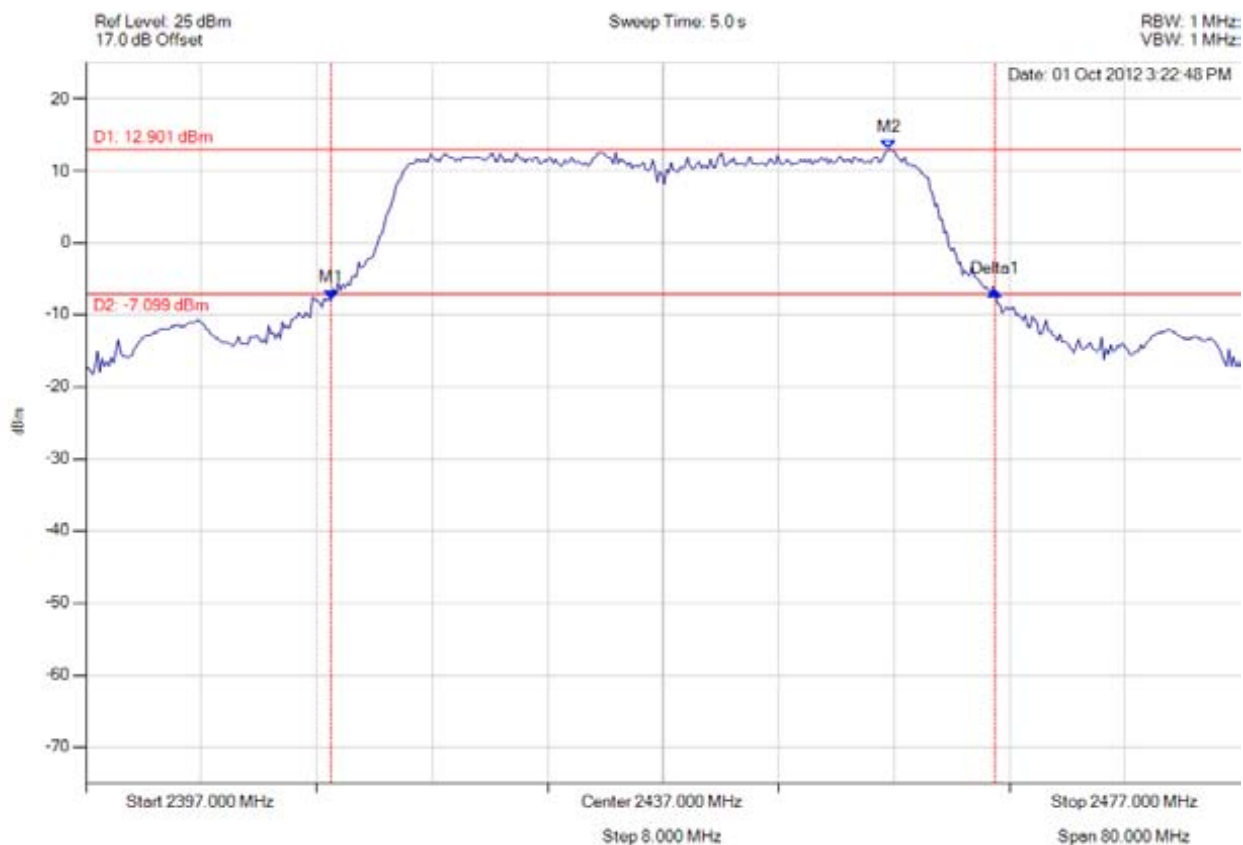


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peak output power

Variant: 802.11n HT-40, Channel: 2437.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2413.994 MHz : -7.916 dBm M2 : 2452.631 MHz : 12.901 dBm Delta1 : 2460.12 MHz : 1.224 dB	Channel Power: 26.51 dBm Limit: 26.99 dBm Margin: -0.48 dB

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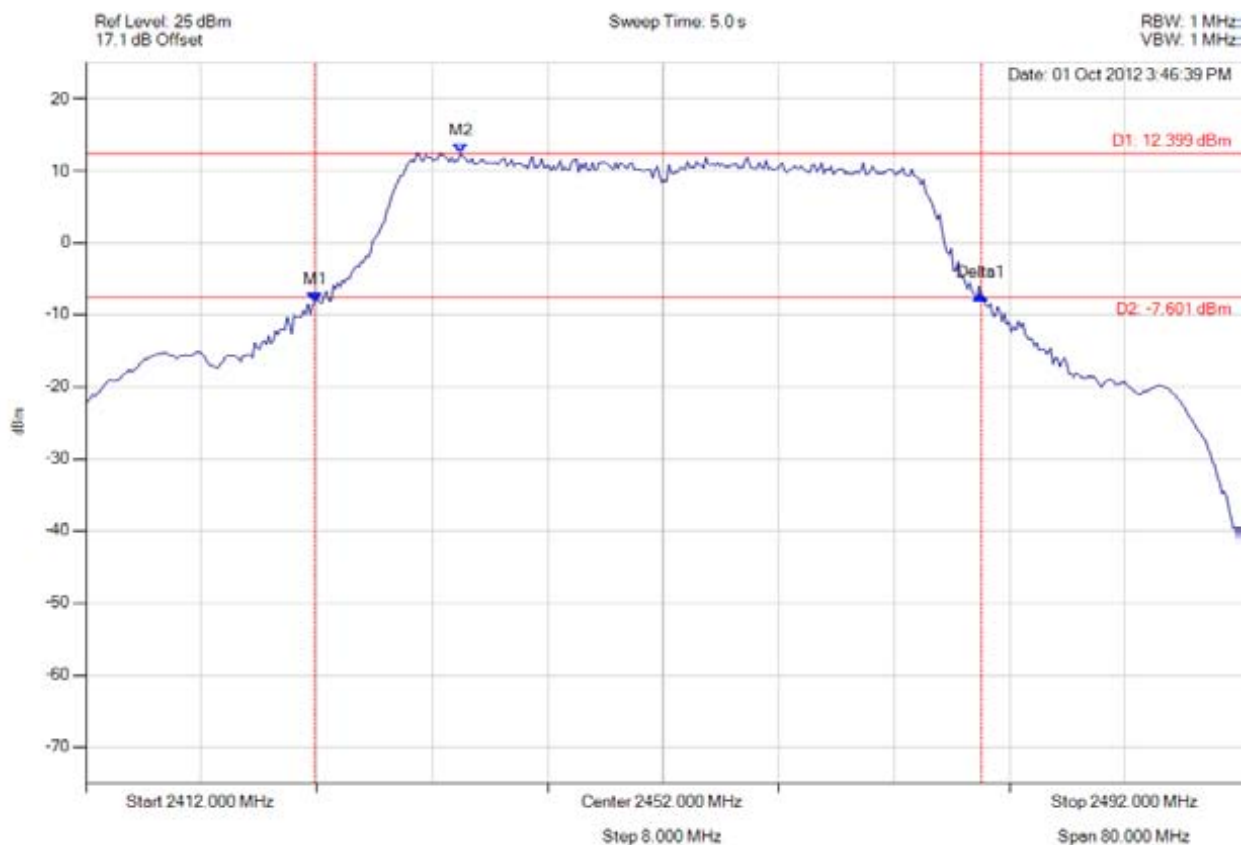


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peak output power

Variant: 802.11n HT-40, Channel: 2452.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2427.872 MHz : -8.260 dBm M2 : 2437.972 MHz : 12.399 dBm Delta1 : 46.172 MHz : 1.076 dB	Channel Power: 25.84 dBm Limit: 26.99 dBm Margin: -1.15 dB

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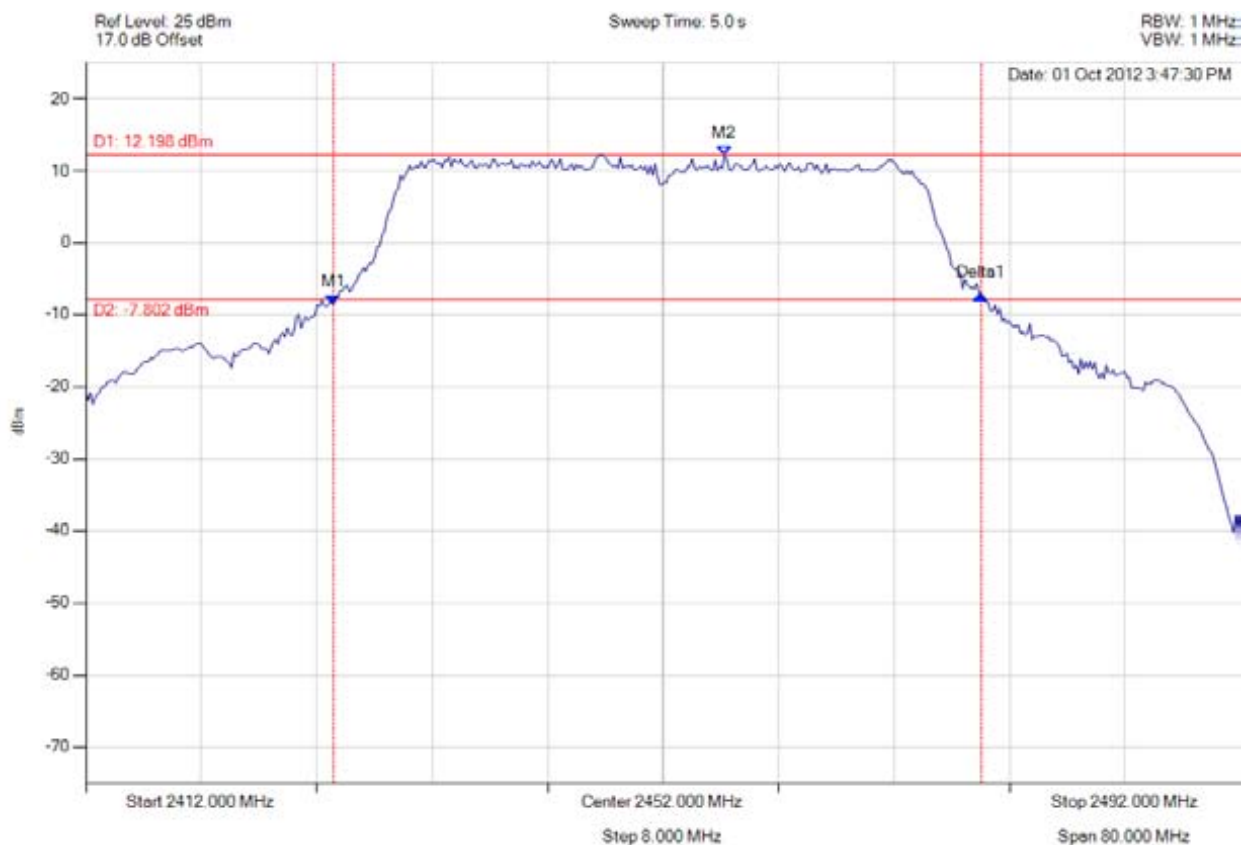


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peak output power

Variant: 802.11n HT-40, Channel: 2452.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2429.154 MHz : -8.602 dBm M2 : 2456.248 MHz : 12.198 dBm Delta1 : 44.890 MHz : 1.389 dB	Channel Power: 25.74 dBm Limit: 26.99 dBm Margin: -1.25 dB

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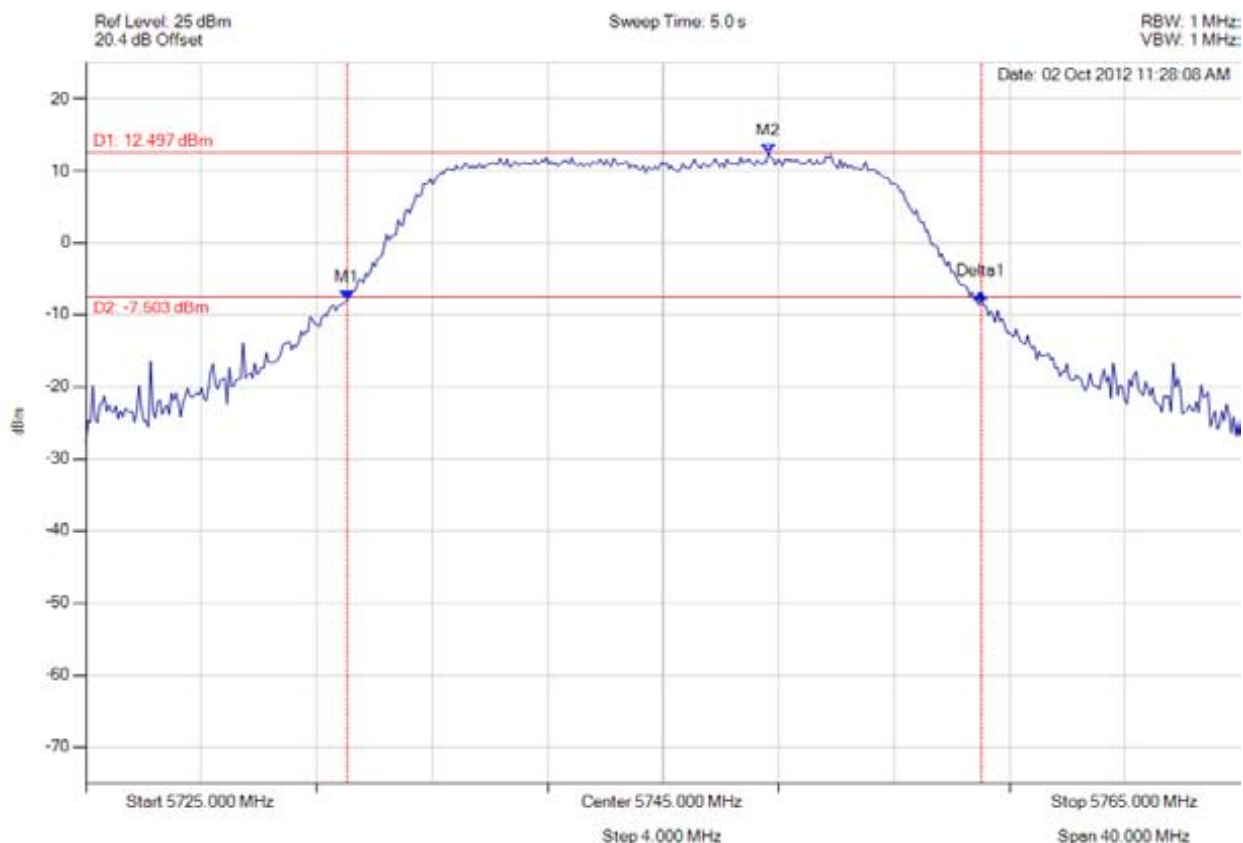


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peak output power

Variant: 802.11a, Channel: 5745.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5734.058 MHz : -7.922 dBm M2 : 5748.647 MHz : 12.497 dBm Delta1 : 21.964 MHz : 0.870 dB	Channel Power: 22.60 dBm Limit: 26.99 dBm Margin: -4.39 dB

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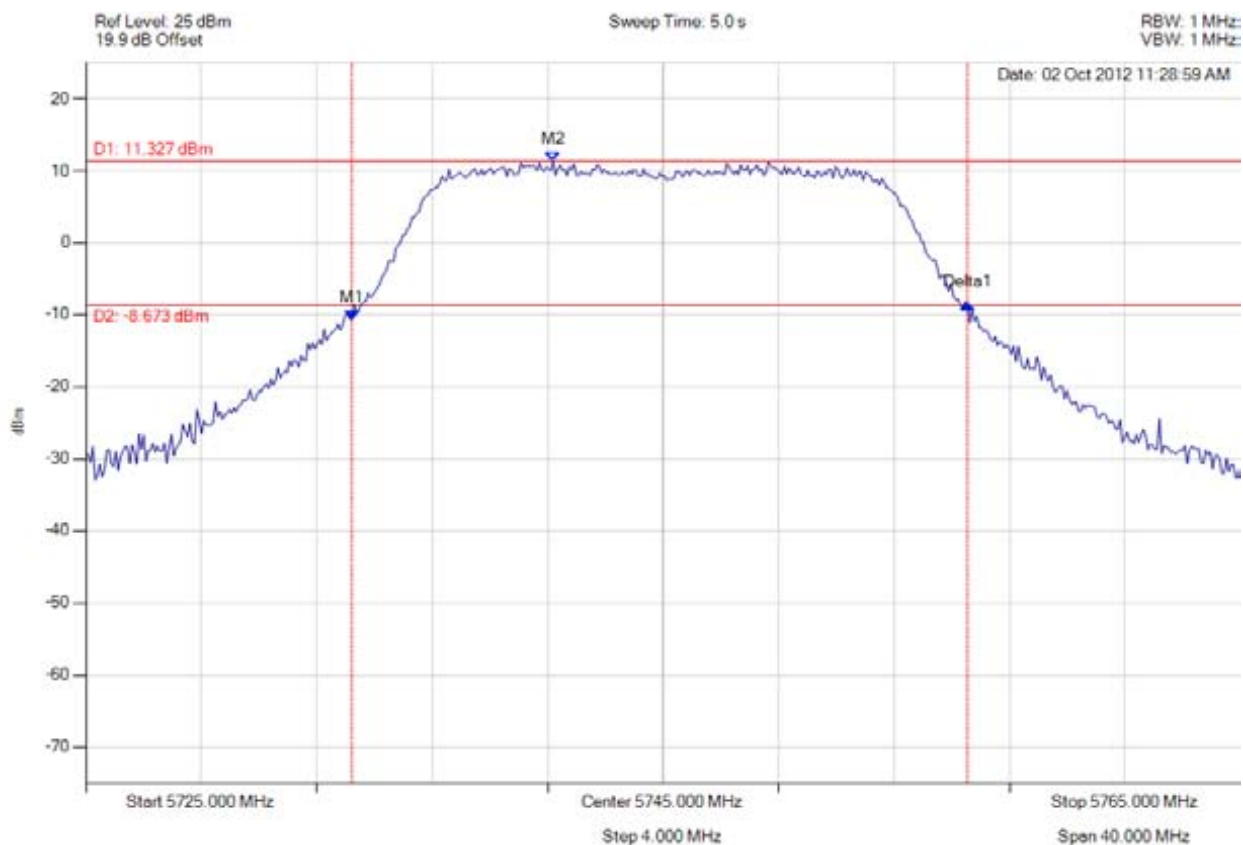


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peak output power

Variant: 802.11a, Channel: 5745.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5734.218 MHz : -10.692 dBm M2 : 5741.192 MHz : 11.327 dBm Delta1 : 21.323 MHz : 2.154 dB	Channel Power: 21.46 dBm Limit: 26.99 dBm Margin: -5.53 dB

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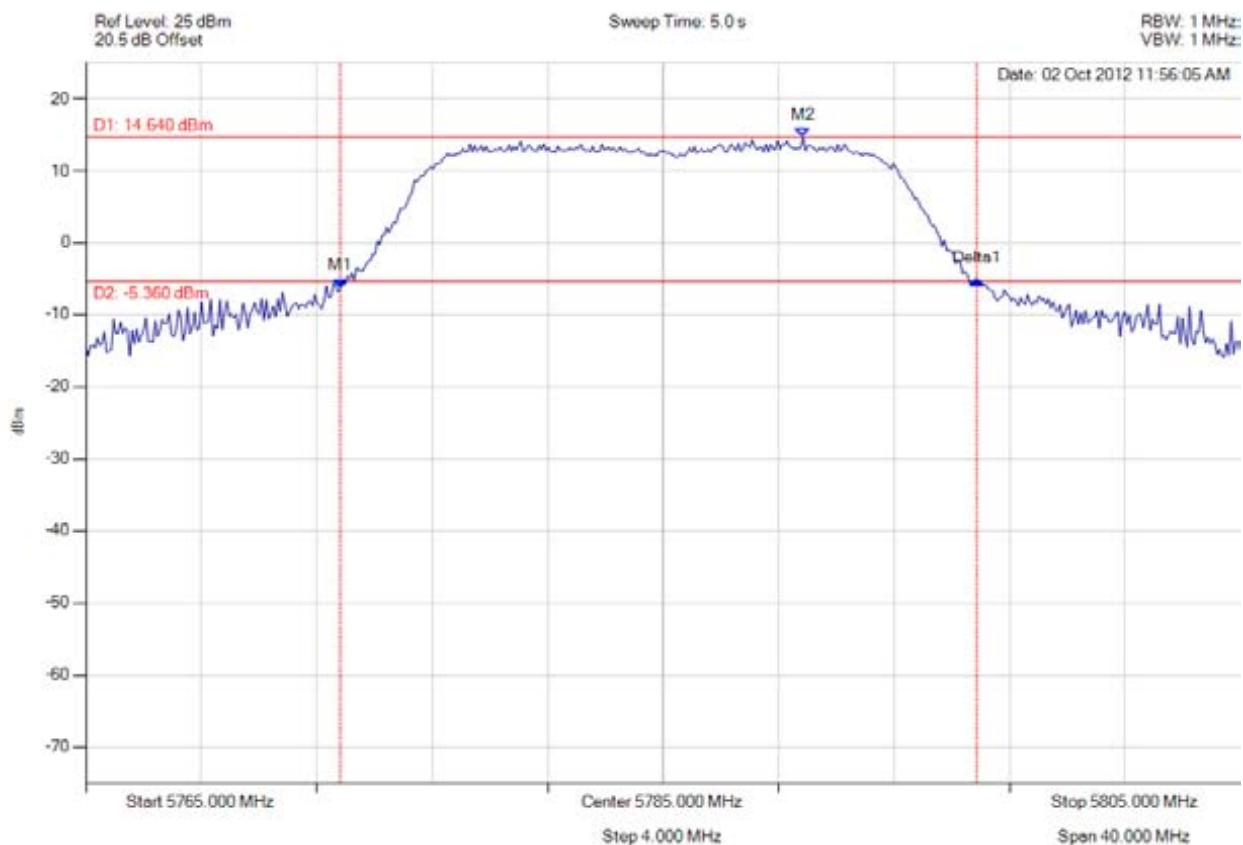


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peak output power

Variant: 802.11a, Channel: 5785.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5773.818 MHz : -6.283 dBm M2 : 5789.850 MHz : 14.640 dBm Delta1 : 22.044 MHz : 1.141 dB	Channel Power: 24.59 dBm Limit: 26.99 dBm Margin: -2.40 dB

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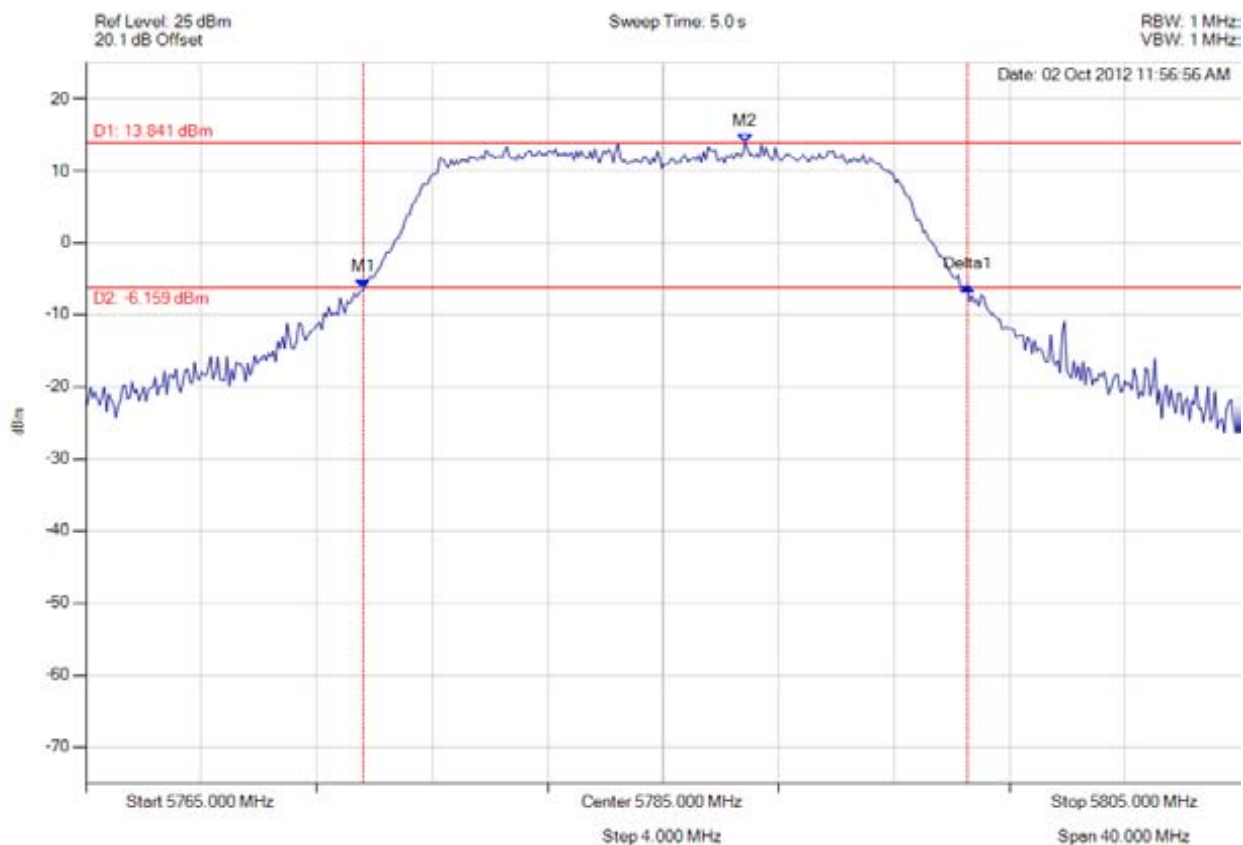


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peak output power

Variant: 802.11a, Channel: 5785.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5774.619 MHz : -6.314 dBm M2 : 5787.846 MHz : 13.841 dBm Delta1 : 5802.222 MHz : 0.214 dB	Channel Power: 23.57 dBm Limit: 26.99 dBm Margin: -3.42 dB

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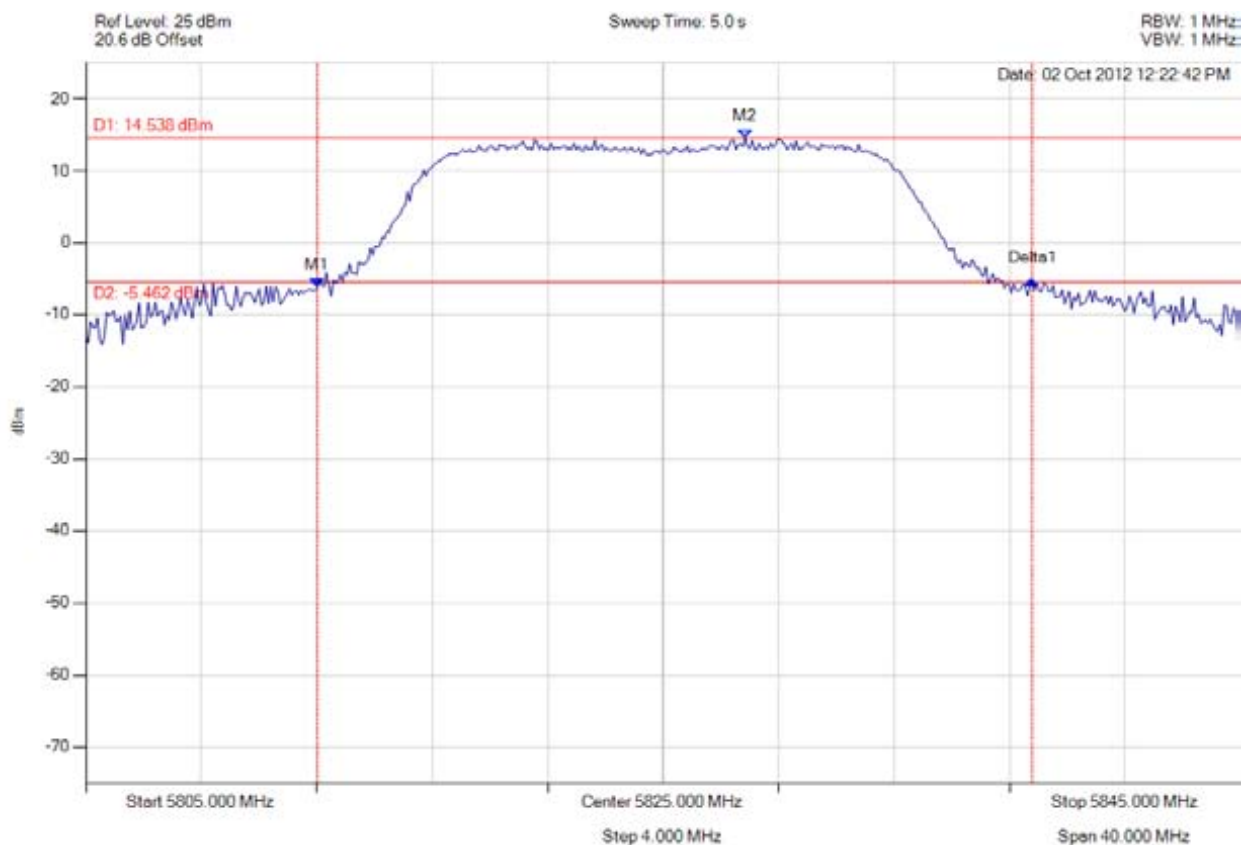


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peak output power

Variant: 802.11a, Channel: 5825.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5813.016 MHz : -6.214 dBm M2 : 5827.846 MHz : 14.538 dBm Delta1 : 24.770 MHz : 1.015 dB	Channel Power: 24.80 dBm Limit: 26.99 dBm Margin: -2.19 dB

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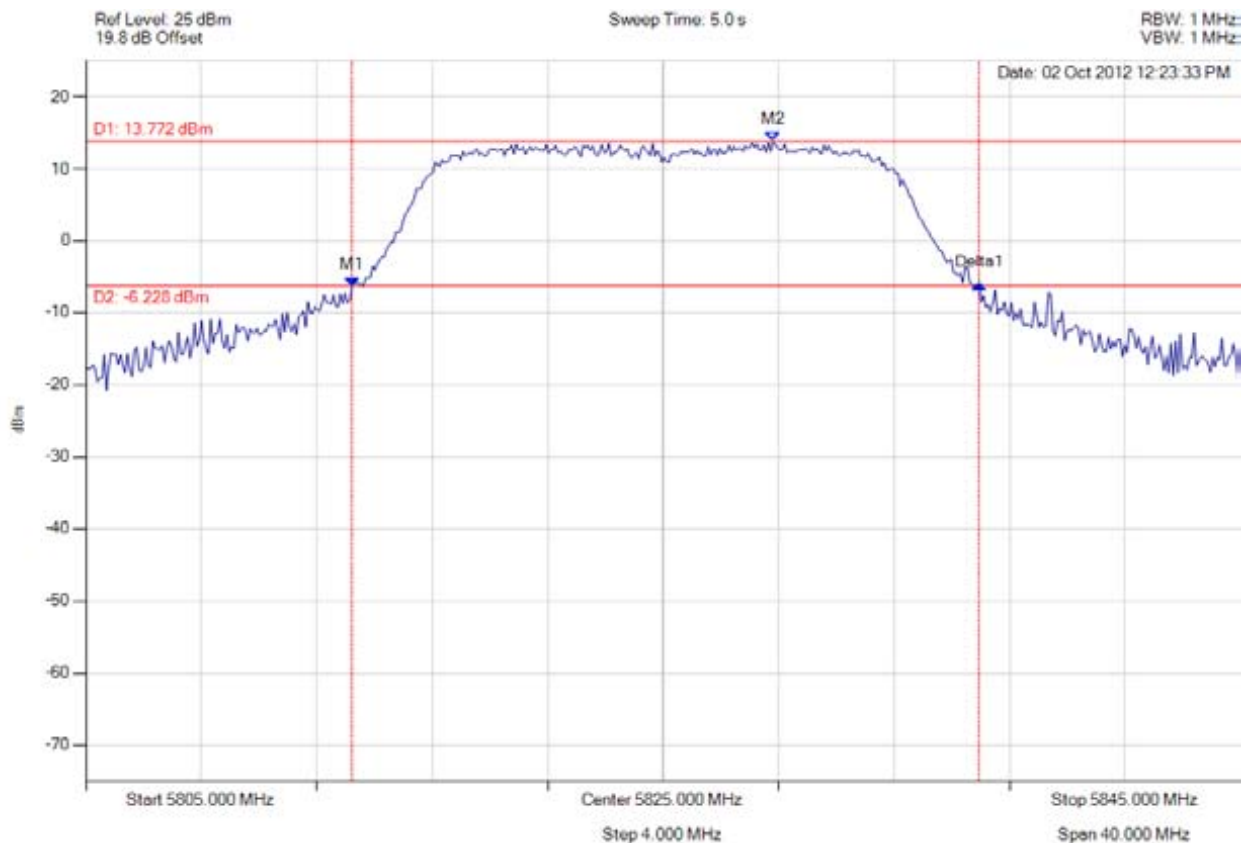


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peak output power

Variant: 802.11a, Channel: 5825.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5814.218 MHz : -6.344 dBm M2 : 5828.808 MHz : 13.772 dBm Delta1 : 21.723 MHz : 0.366 dB	Channel Power: 24.04 dBm Limit: 26.99 dBm Margin: -2.95 dB

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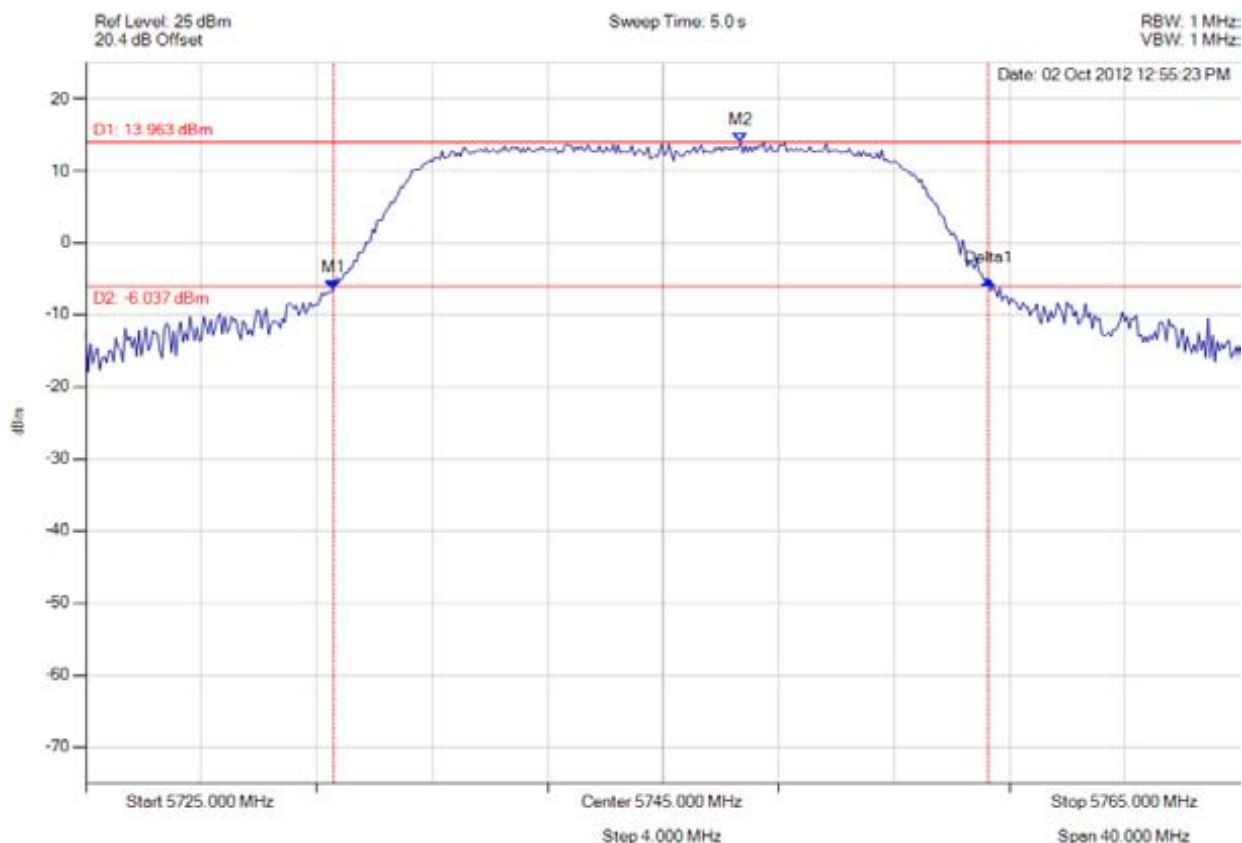


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peak output power

Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5733.577 MHz : -6.466 dBm M2 : 5747.685 MHz : 13.963 dBm Delta1 : 5765.000 MHz : 1.230 dB	Channel Power: 24.66 dBm Limit: 26.99 dBm Margin: -2.33 dB

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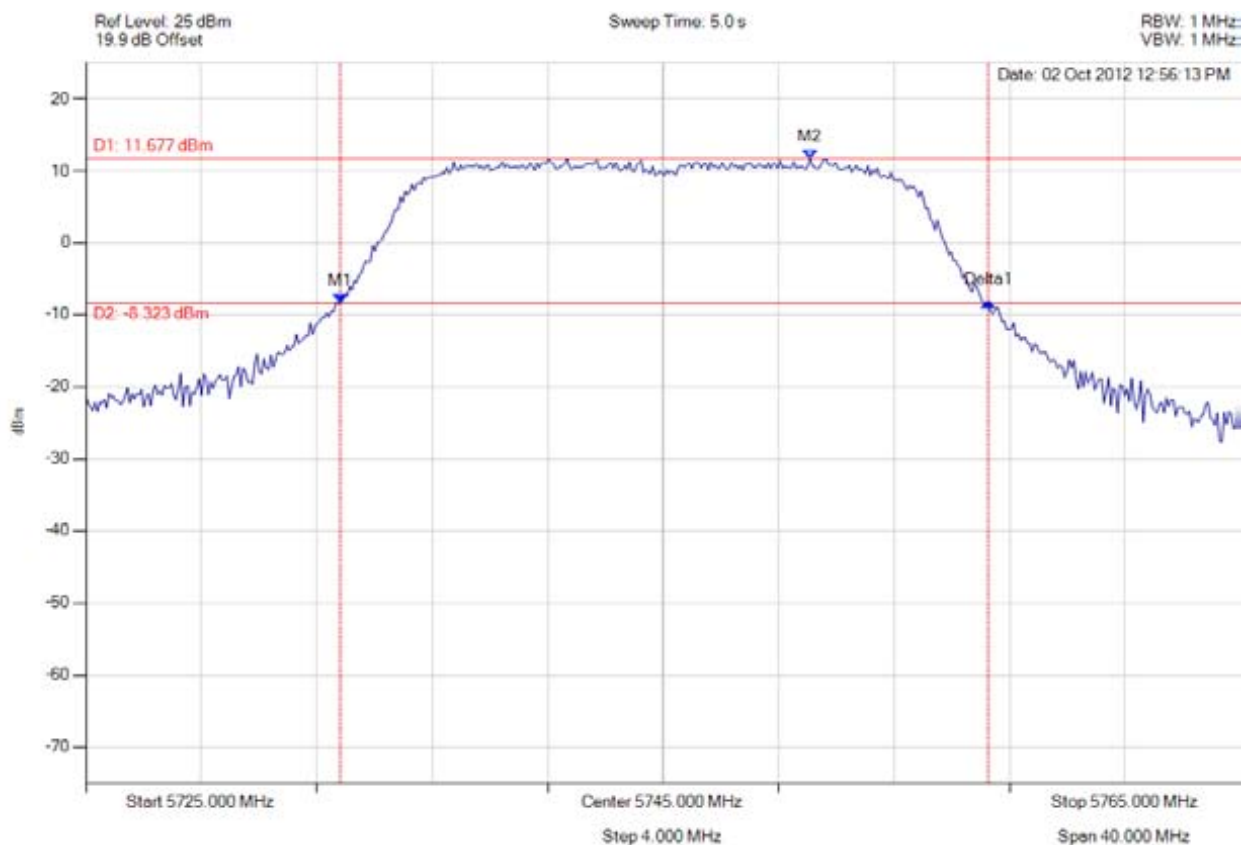


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peak output power

Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5733.818 MHz : -8.443 dBm M2 : 5750.090 MHz : 11.677 dBm Delta1 : 22.445 MHz : 0.185 dB	Channel Power: 22.43 dBm Limit: 26.99 dBm Margin: -4.56 dB

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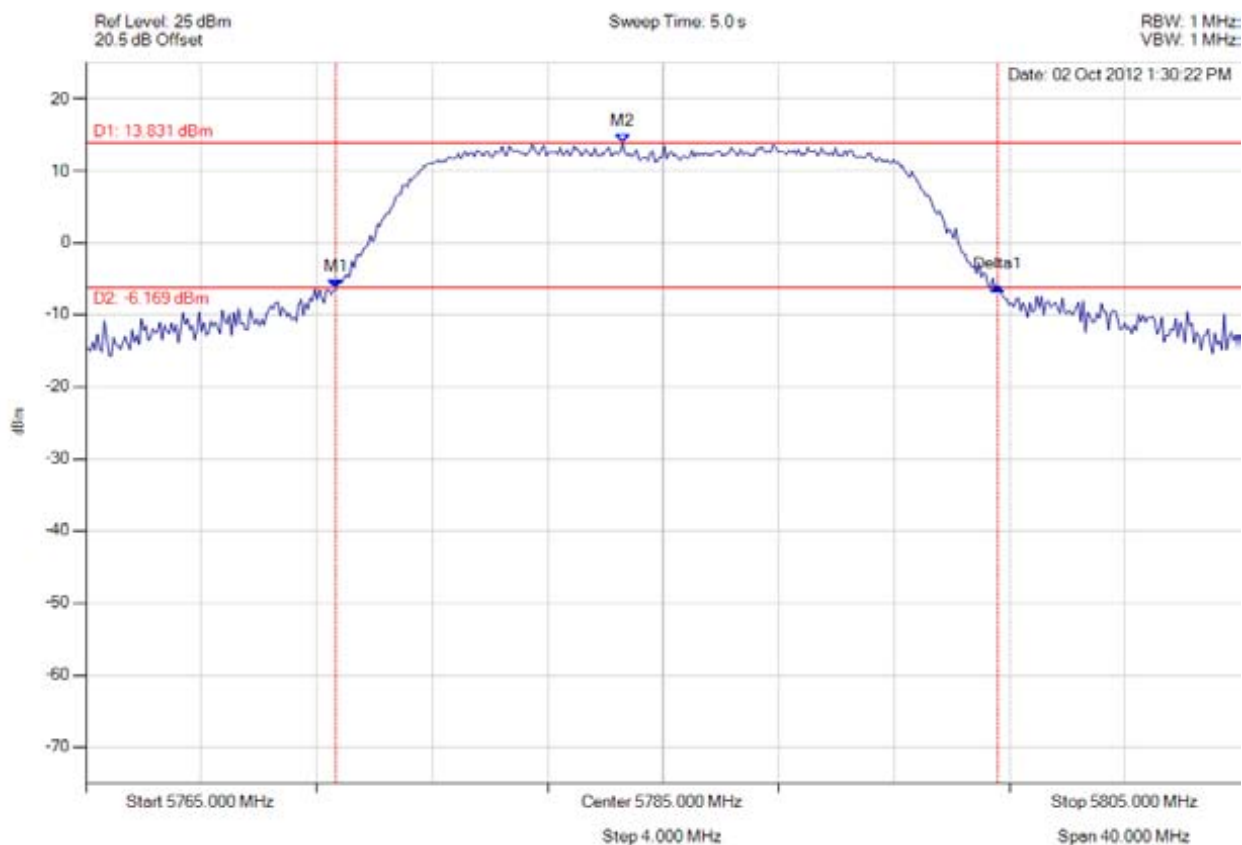


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peak output power

Variant: 802.11n HT-20, Channel: 5785.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5773.657 MHz : -6.415 dBm M2 : 5783.597 MHz : 13.831 dBm Delta1 : 22.926 MHz : 0.301 dB	Channel Power: 24.29 dBm Limit: 26.99 dBm Margin: -2.70 dB

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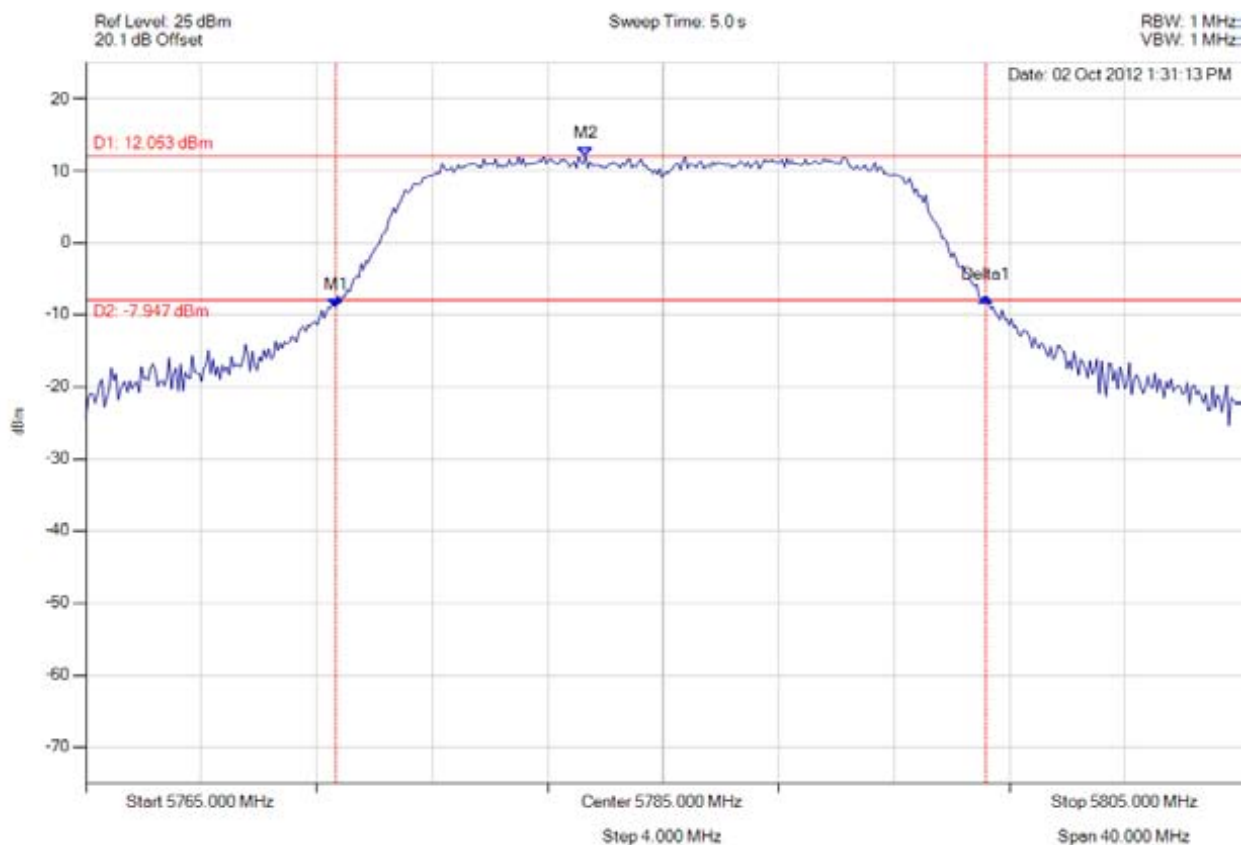


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peak output power

Variant: 802.11n HT-20, Channel: 5785.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5773.657 MHz : -8.964 dBm M2 : 5782.315 MHz : 12.053 dBm Delta1 : 22.525 MHz : 1.495 dB	Channel Power: 22.76 dBm Limit: 26.99 dBm Margin: -4.23 dB

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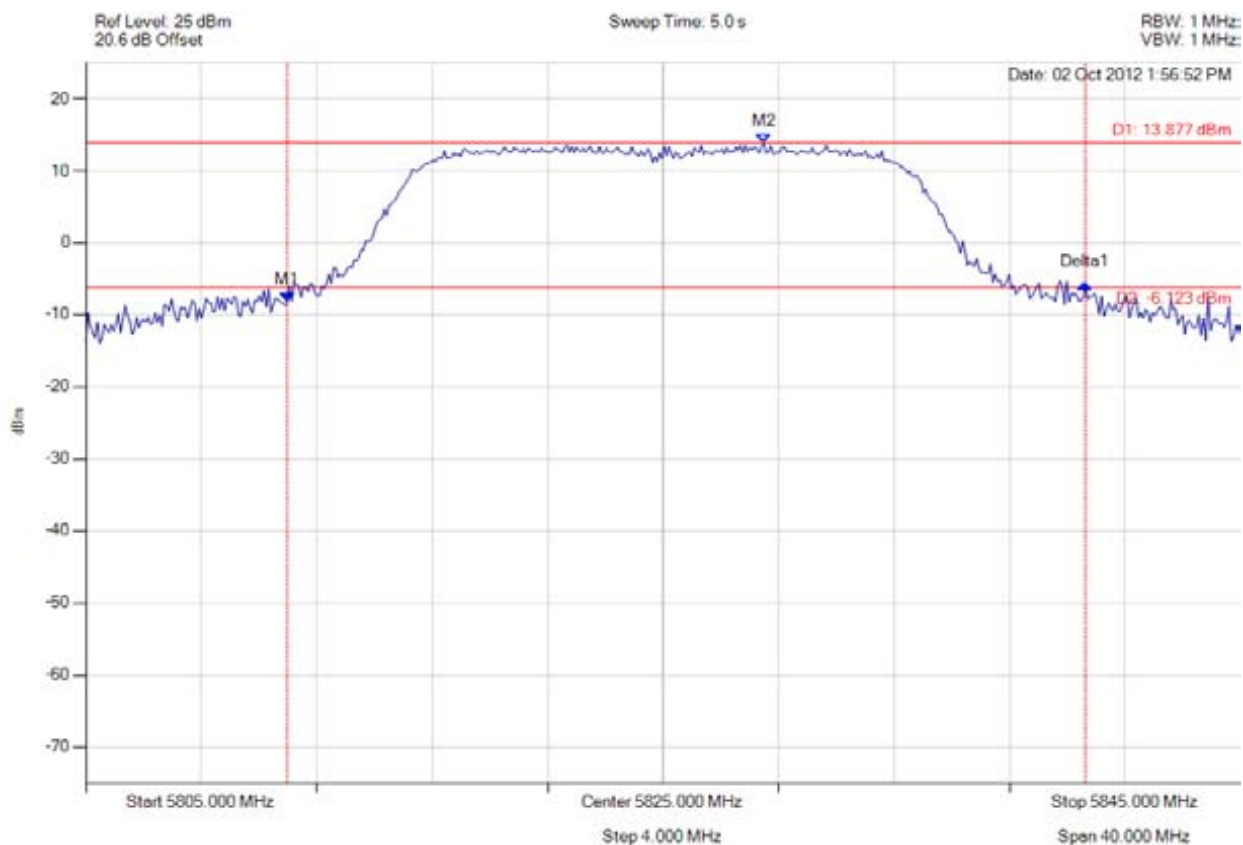


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peak output power

Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5811.974 MHz : -8.227 dBm M2 : 5828.487 MHz : 13.877 dBm Delta1 : 27.655 MHz : 2.447 dB	Channel Power: 24.52 dBm Limit: 26.99 dBm Margin: -2.47 dB

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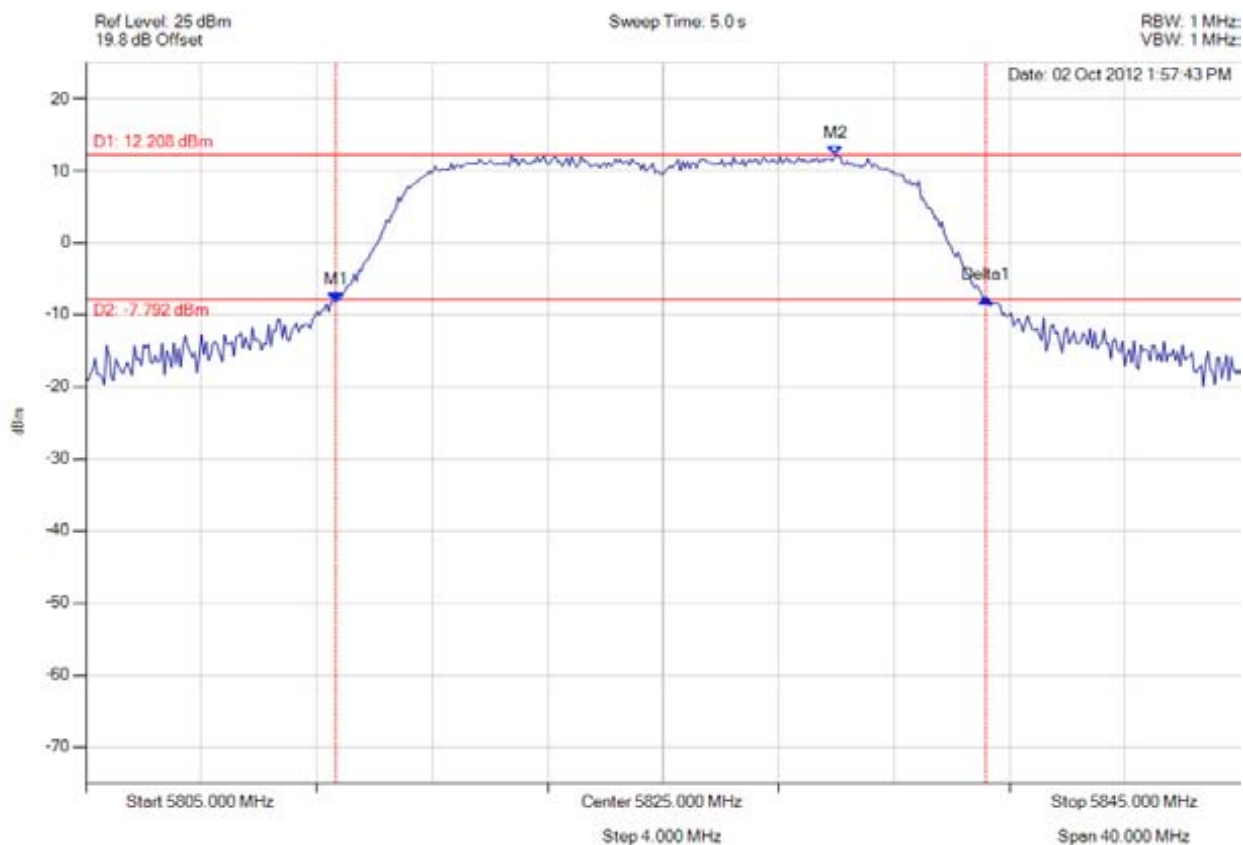


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peak output power

Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5813.657 MHz : -8.136 dBm M2 : 5830.972 MHz : 12.208 dBm Delta1 : 22.525 MHz : 0.517 dB	Channel Power: 22.97 dBm Limit: 26.99 dBm Margin: -4.02 dB

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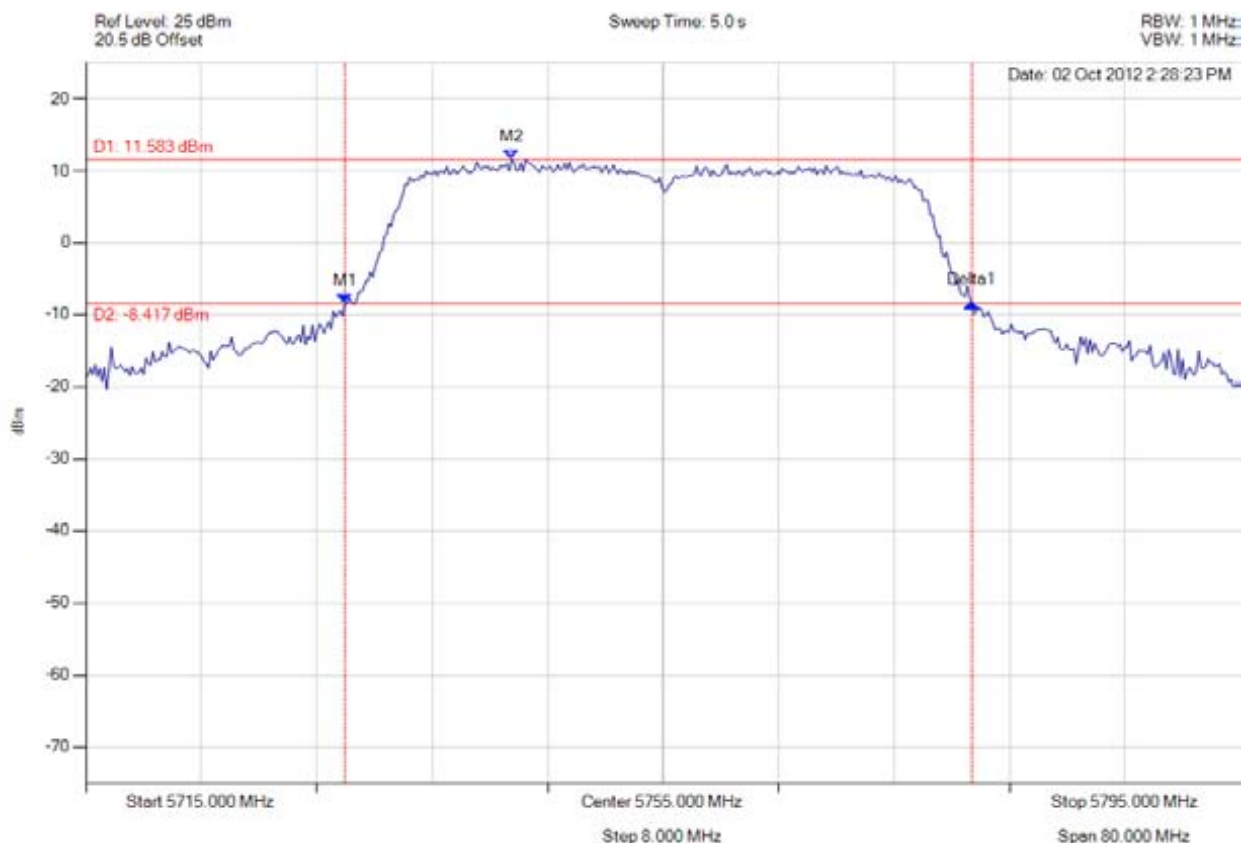


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peak output power

Variant: 802.11n HT-40, Channel: 5755.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5732.956 MHz : -8.439 dBm M2 : 5744.499 MHz : 11.583 dBm Delta1 : 43.447 MHz : 0.155 dB	Channel Power: 24.93 dBm Limit: 26.99 dBm Margin: -2.06 dB

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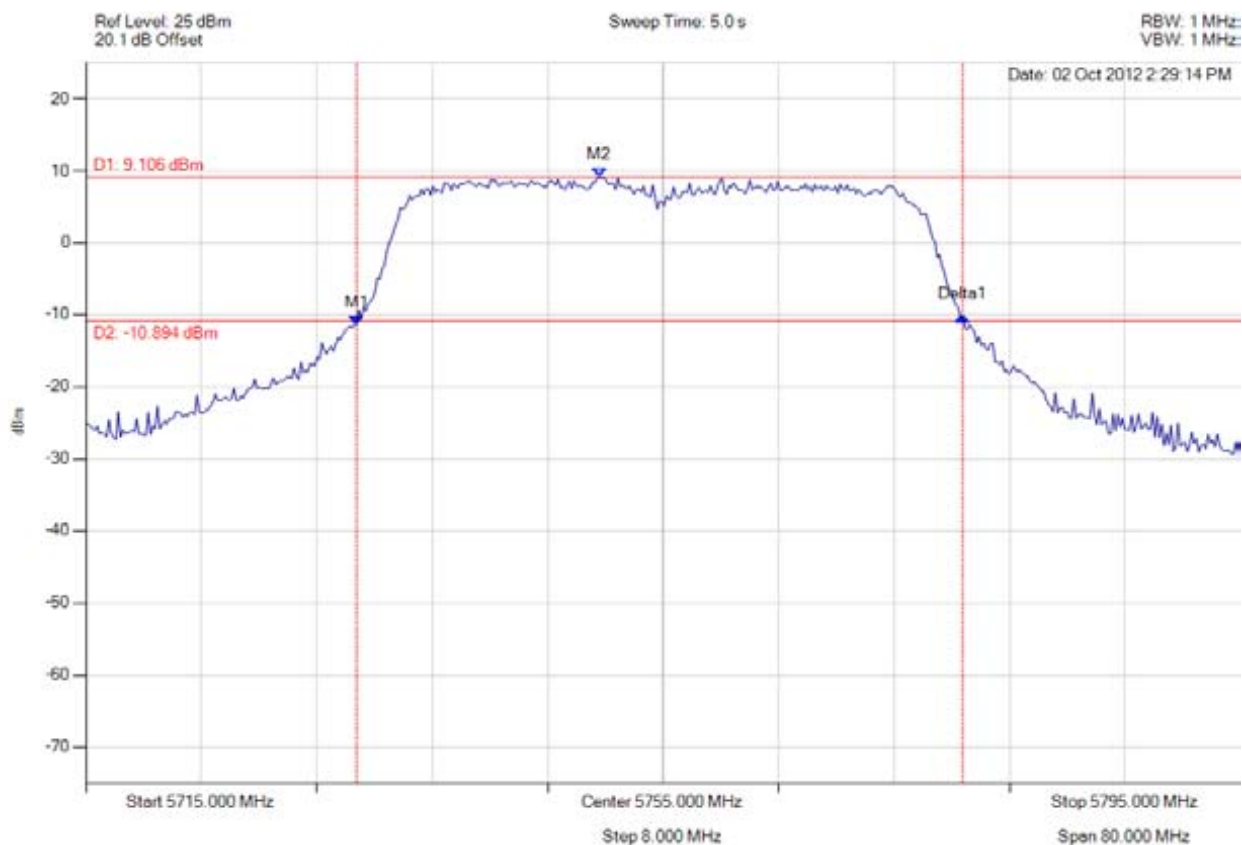


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peak output power

Variant: 802.11n HT-40, Channel: 5755.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5733.758 MHz : -11.418 dBm M2 : 5750.591 MHz : 9.106 dBm Delta1 : 42.004 MHz : 1.149 dB	Channel Power: 22.67 dBm Limit: 26.99 dBm Margin: -4.32 dB

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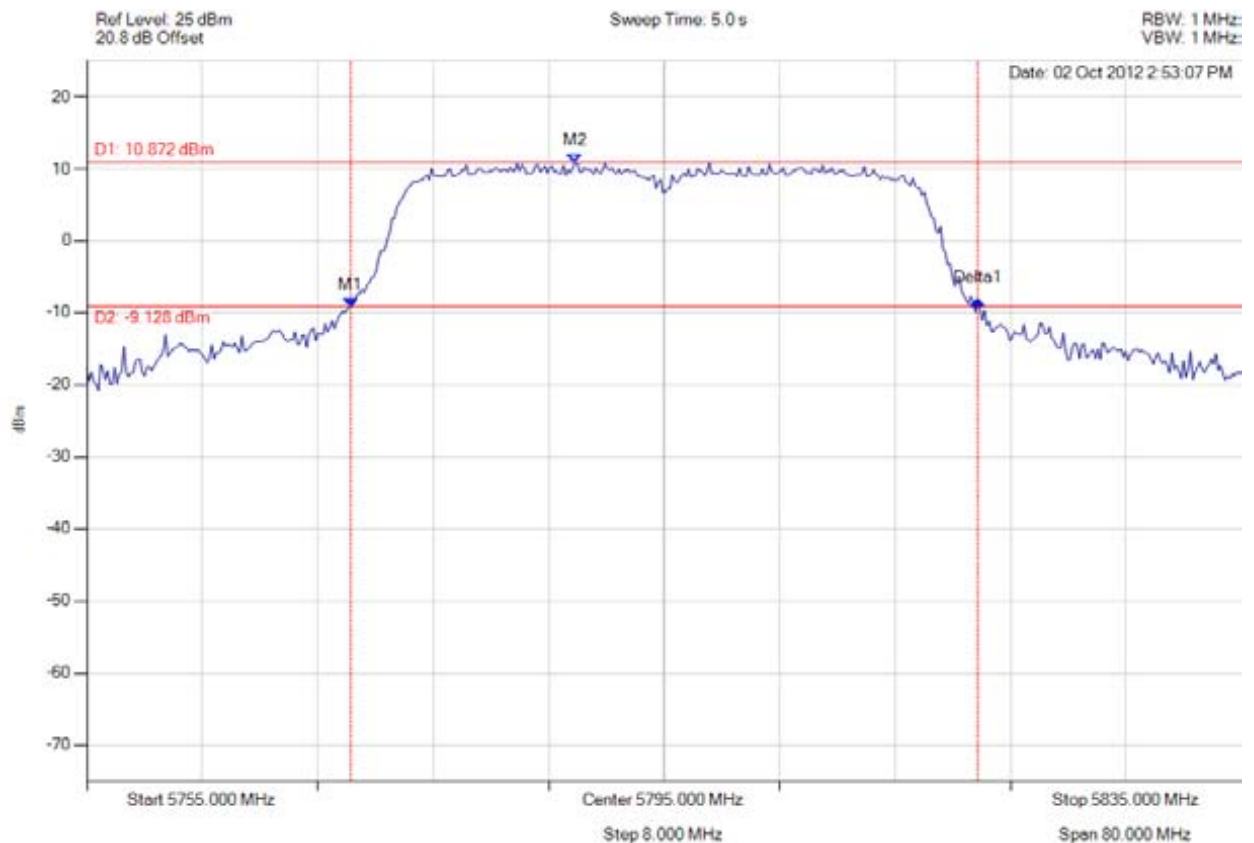


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peak output power

Variant: 802.11n HT-40, Channel: 5795.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5773.277 MHz : -9.153 dBm M2 : 5788.828 MHz : 10.872 dBm Delta1 : 43.447 MHz : 1.011 dB	Channel Power: 24.51 dBm Limit: 26.99 dBm Margin: -2.48 dB

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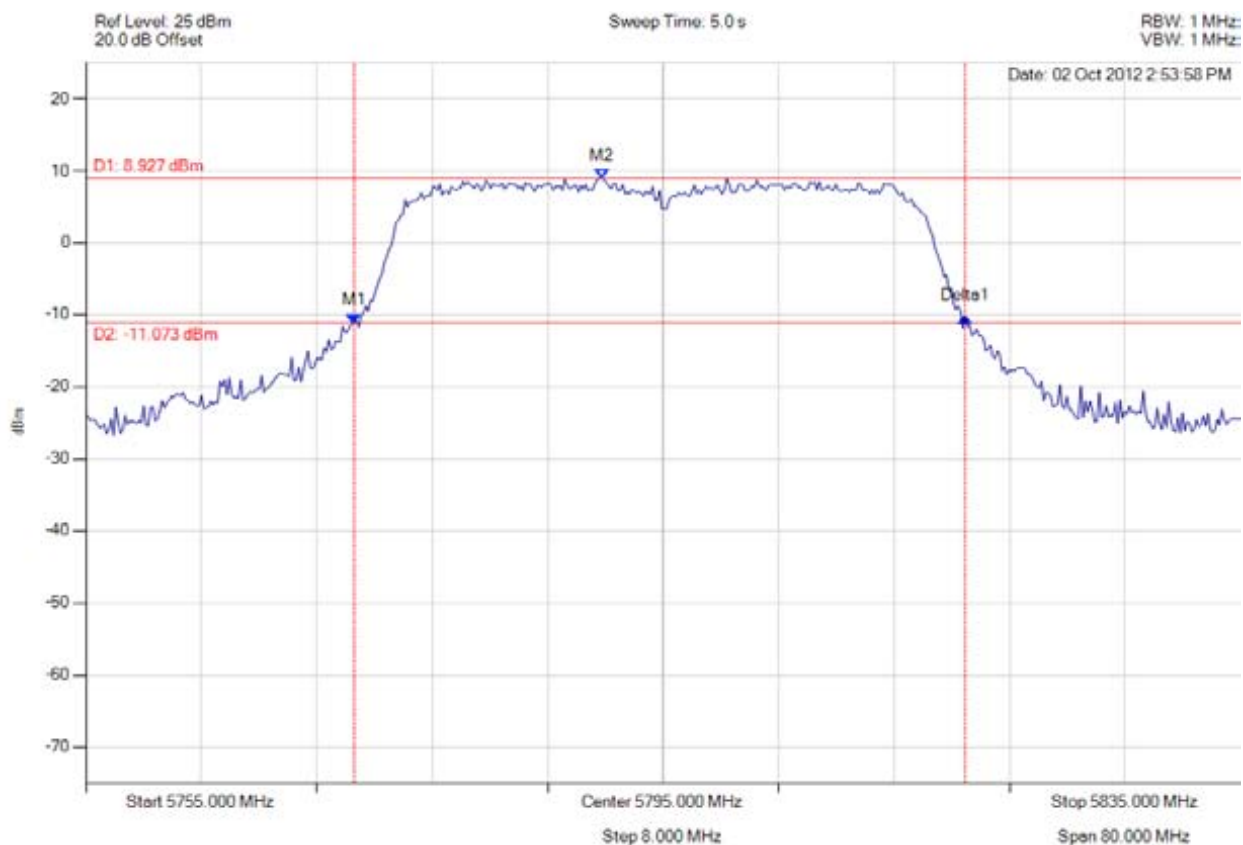


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peak output power

Variant: 802.11n HT-40, Channel: 5795.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5773.597 MHz : -11.123 dBm M2 : 5790.752 MHz : 8.927 dBm Delta1 : 42.325 MHz : 0.769 dB	Channel Power: 22.57 dBm Limit: 26.99 dBm Margin: -4.42 dB

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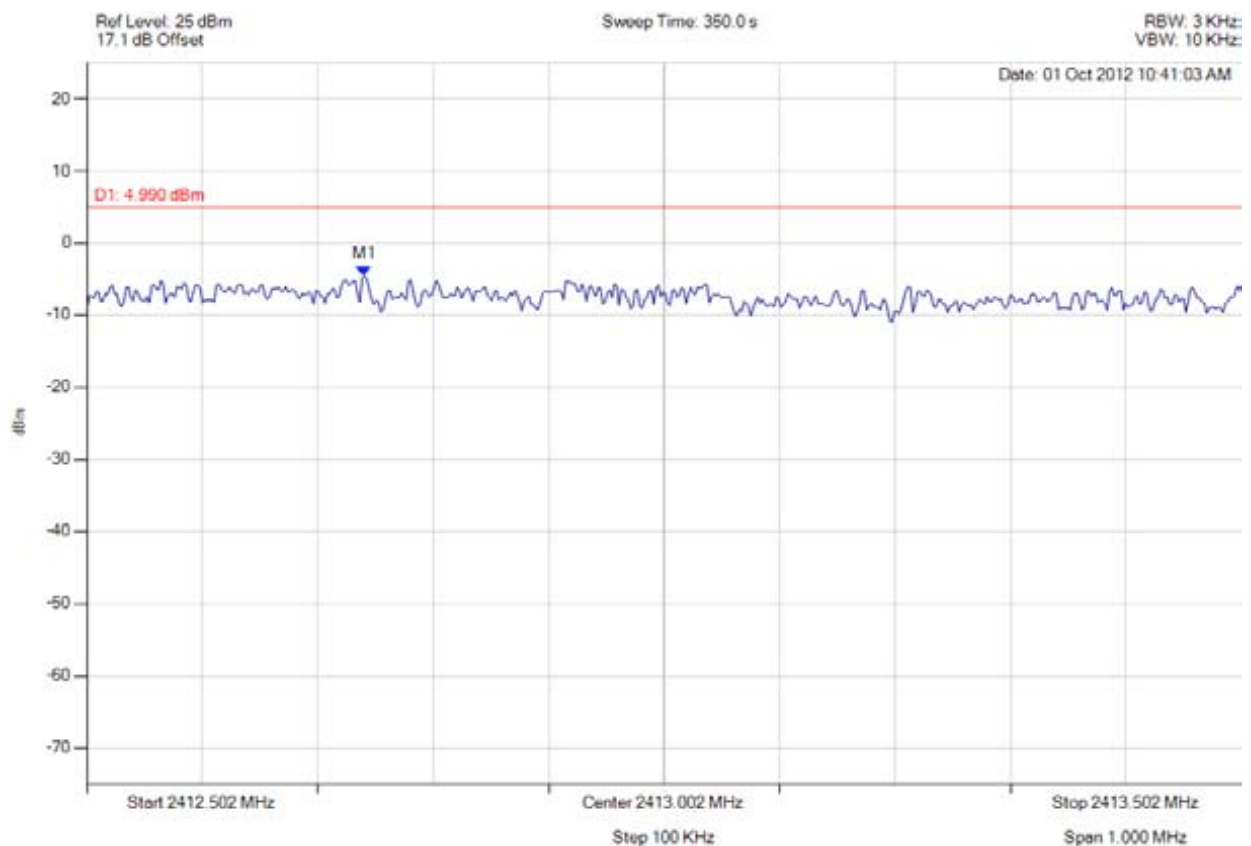
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A.1.3. Power Spectral Density



power density

Variant: 802.11b, Channel: 2412.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2412.742 MHz : -4.512 dBm	Limit: ≤4.99 dBm Margin: -9.50 dB

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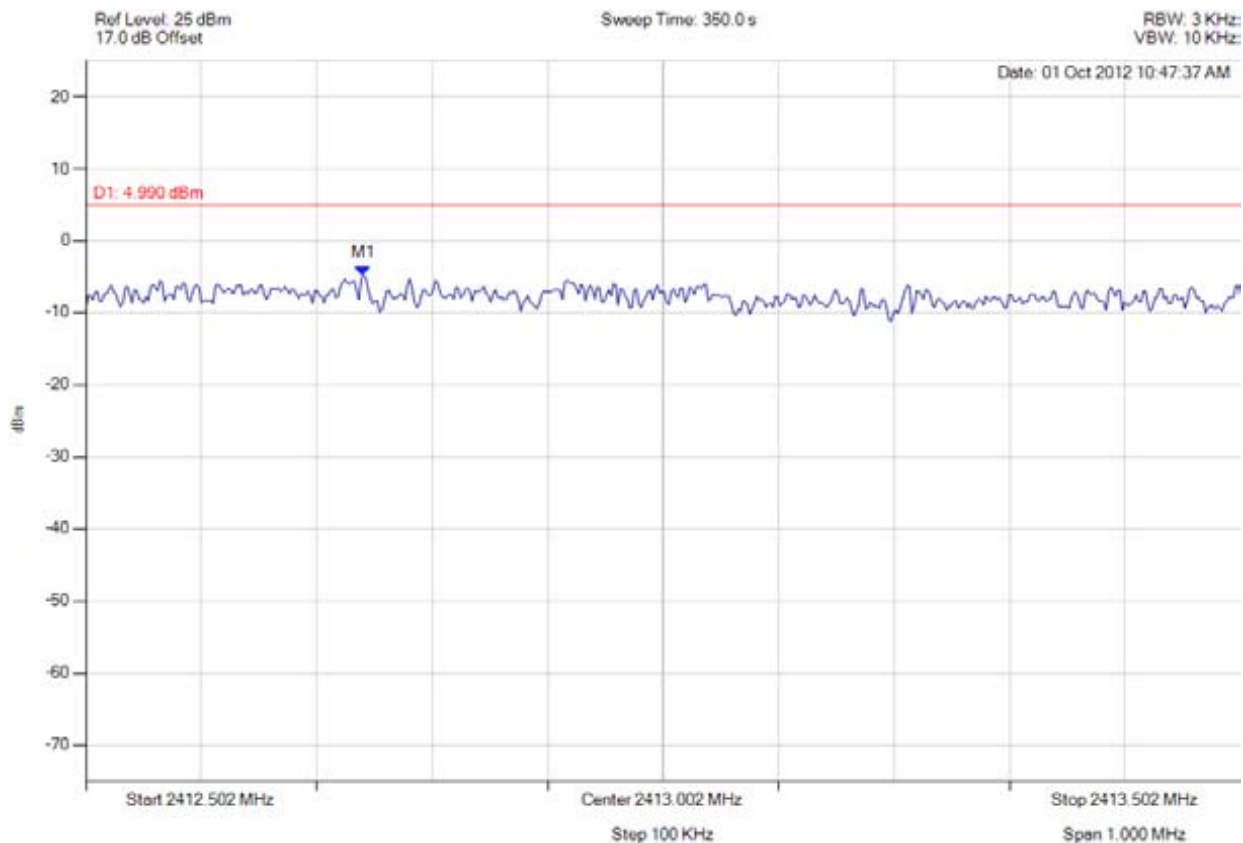


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power density

Variant: 802.11b, Channel: 2412.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2412.742 MHz : -4.784 dBm	Limit: ≤4.99 dBm Margin: -9.77 dB

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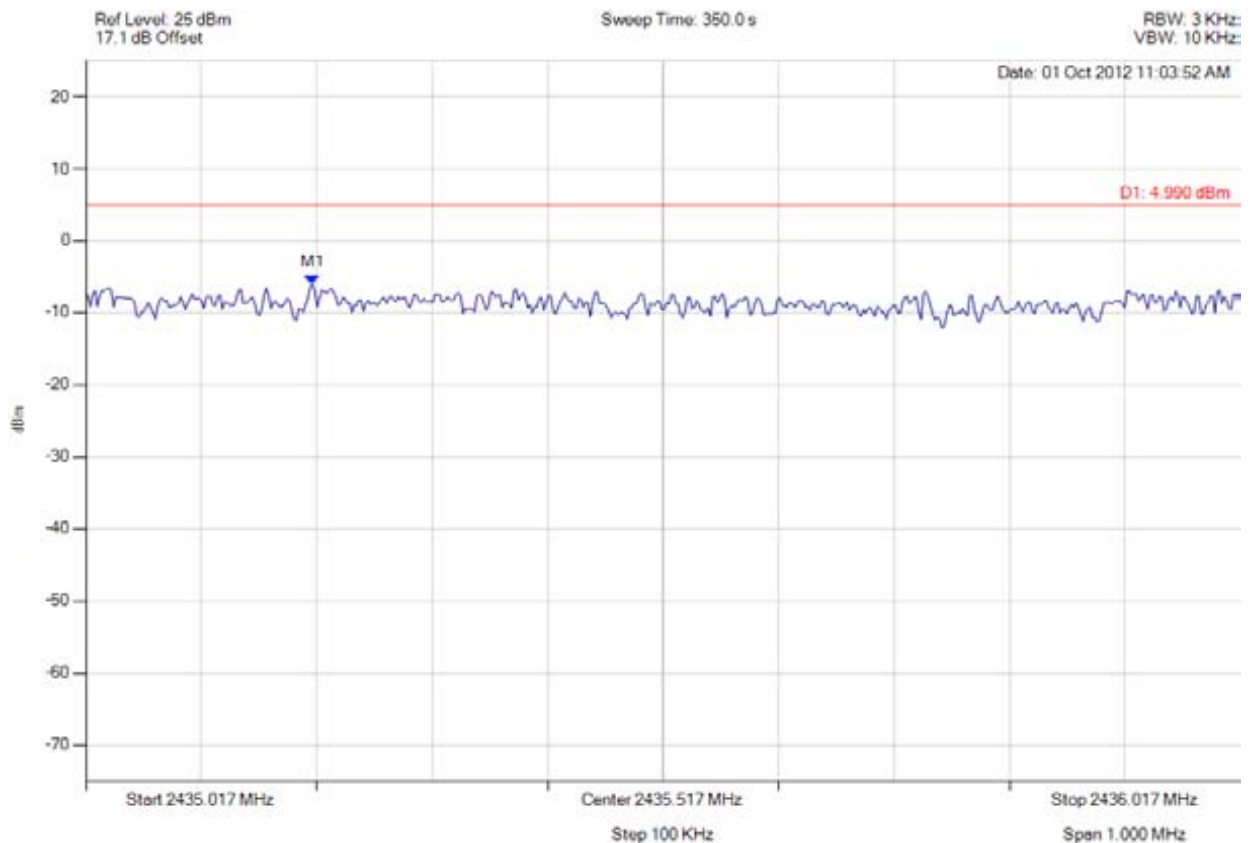


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power density

Variant: 802.11b, Channel: 2437.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2435.213 MHz : -6.035 dBm	Limit: ≤4.99 dBm Margin: -11.02 dB

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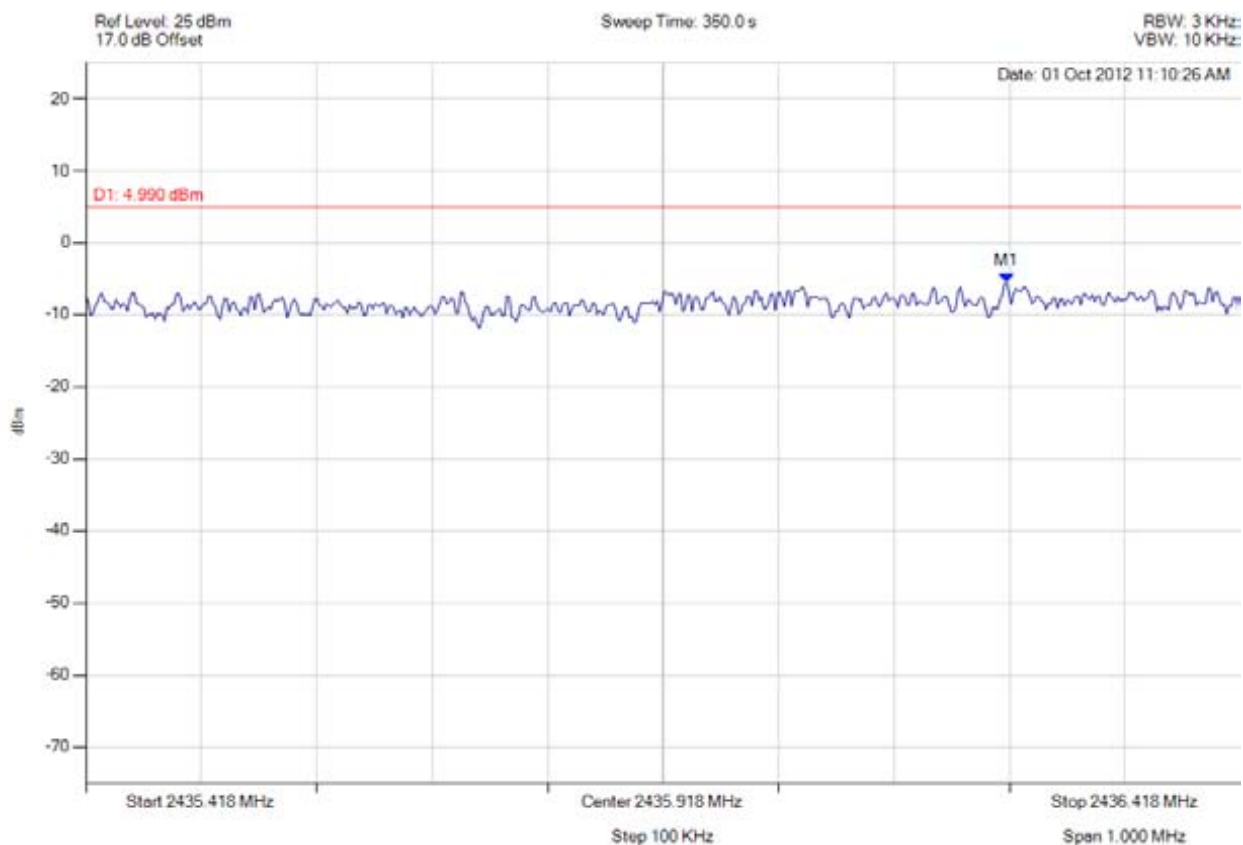


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power density

Variant: 802.11b, Channel: 2437.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2436.215 MHz : -5.520 dBm	Limit: ≤4.99 dBm Margin: -10.51 dB

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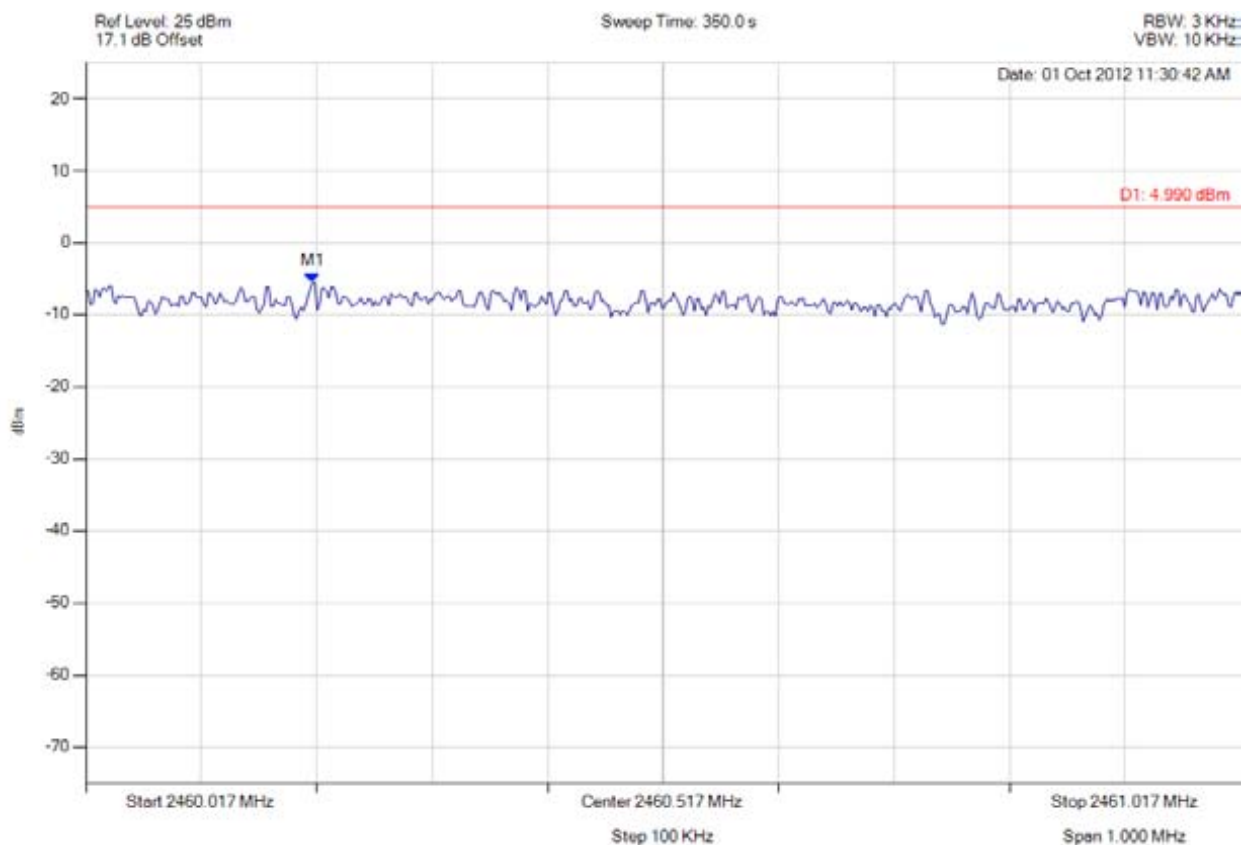


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power density

Variant: 802.11b, Channel: 2462.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2460.213 MHz : -5.488 dBm	Limit: ≤4.99 dBm Margin: -10.48 dB

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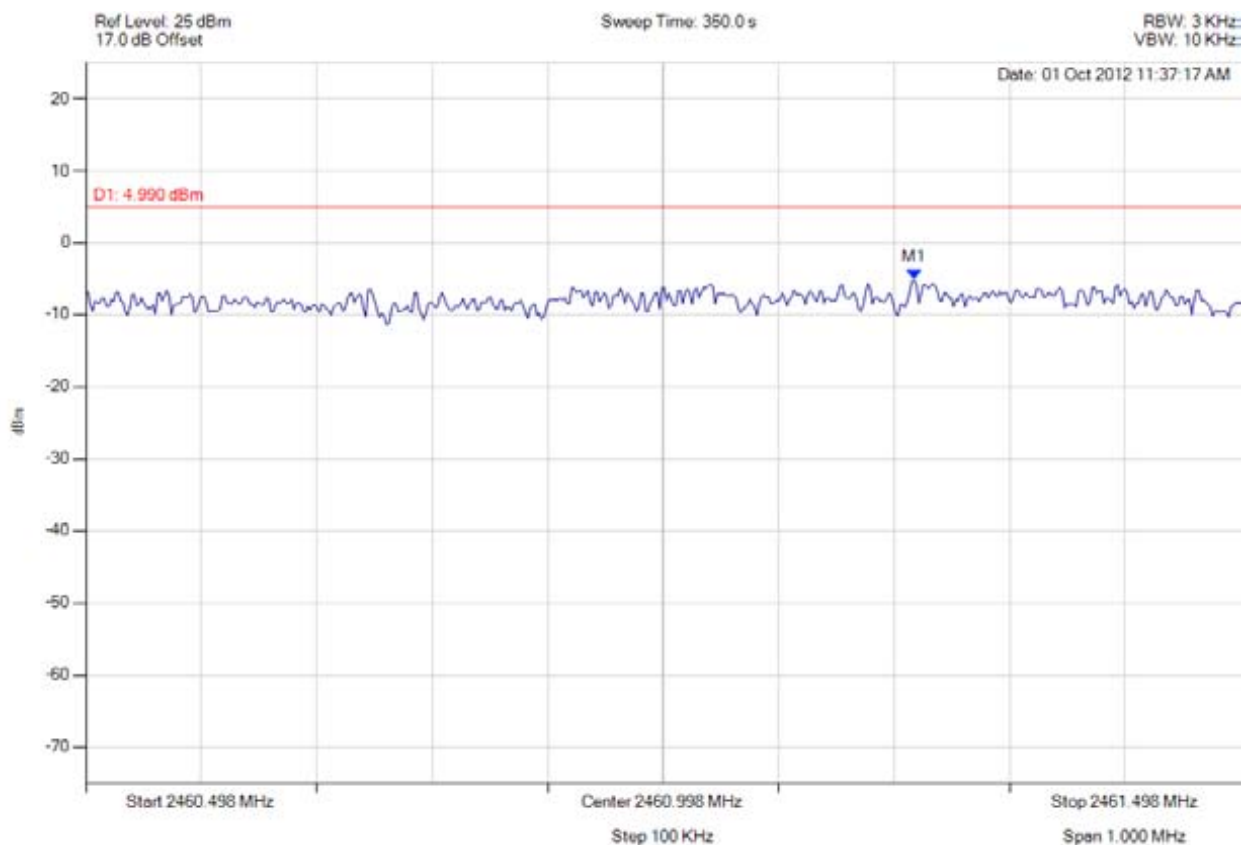


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power density

Variant: 802.11b, Channel: 2462.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2461.215 MHz : -5.091 dBm	Limit: ≤4.99 dBm Margin: -10.08 dB

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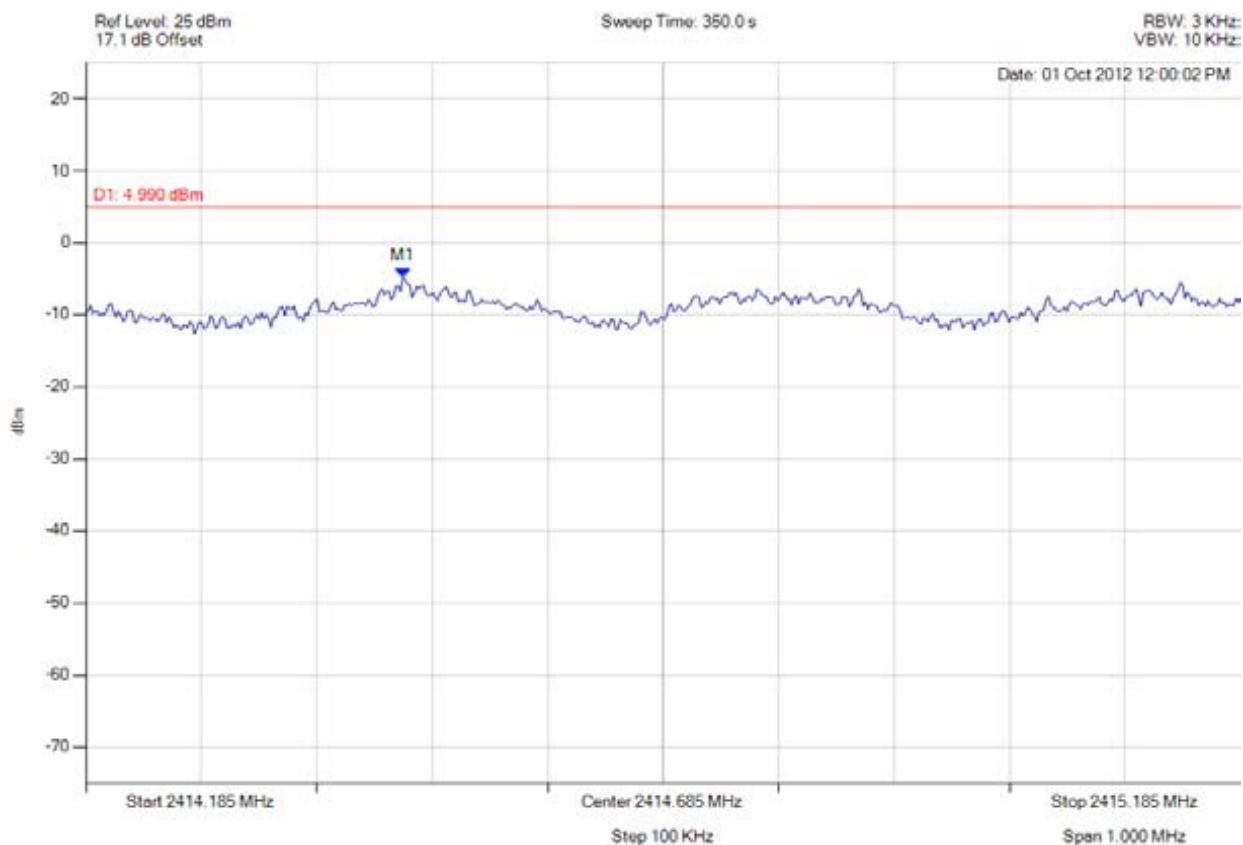


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power density

Variant: 802.11g, Channel: 2412.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2414.460 MHz : -4.892 dBm	Limit: ≤4.99 dBm Margin: -9.88 dB

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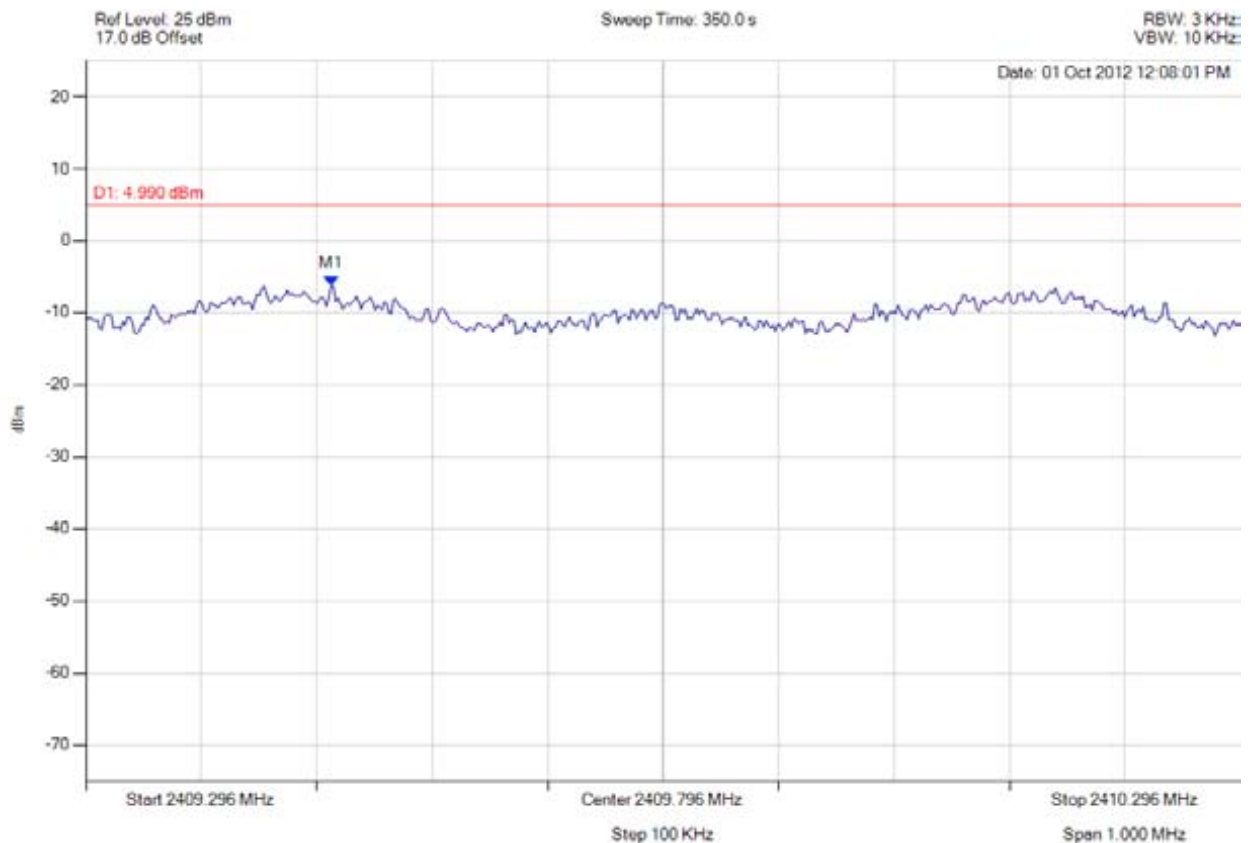


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power density

Variant: 802.11g, Channel: 2412.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2409.508 MHz : -6.200 dBm	Limit: ≤4.99 dBm Margin: -11.19 dB

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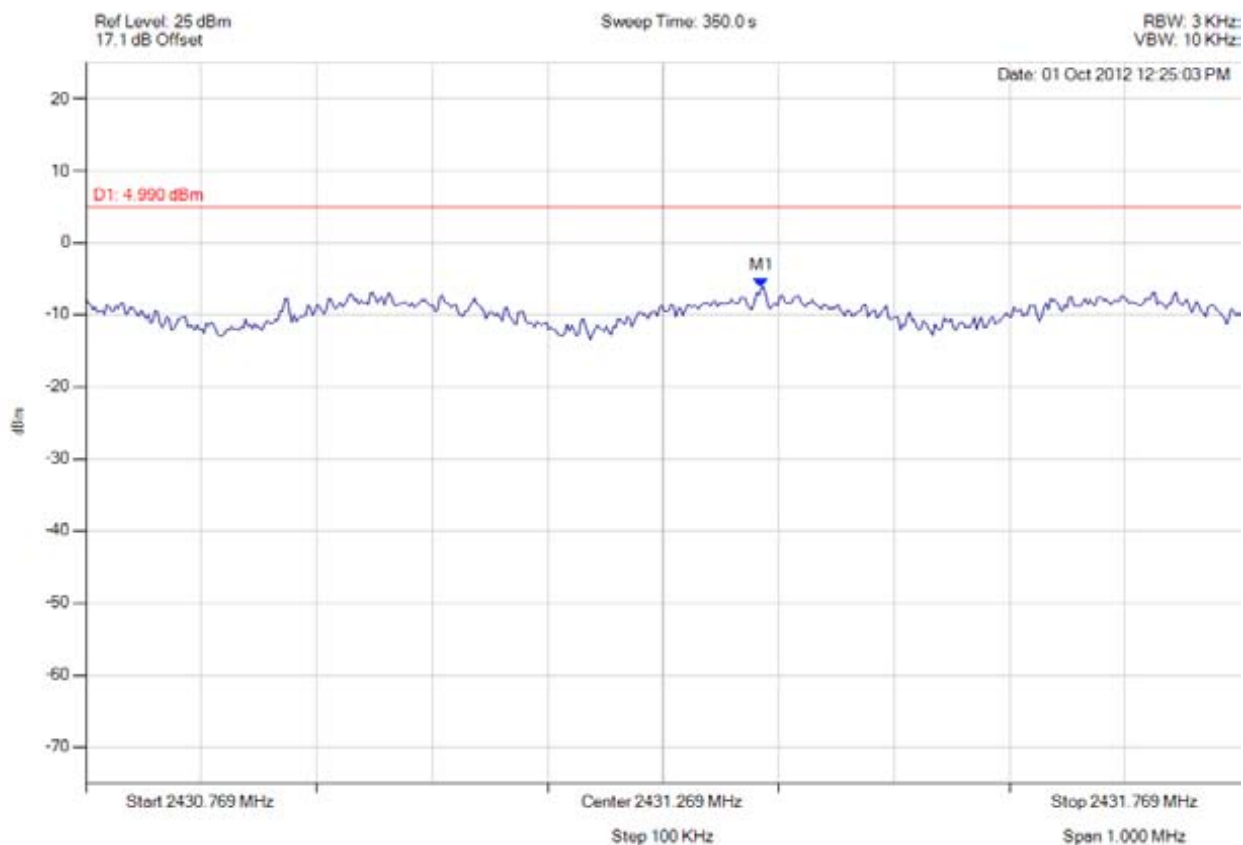


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power density

Variant: 802.11g, Channel: 2437.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2431.354 MHz : -6.214 dBm	Limit: ≤4.99 dBm Margin: -11.20 dB

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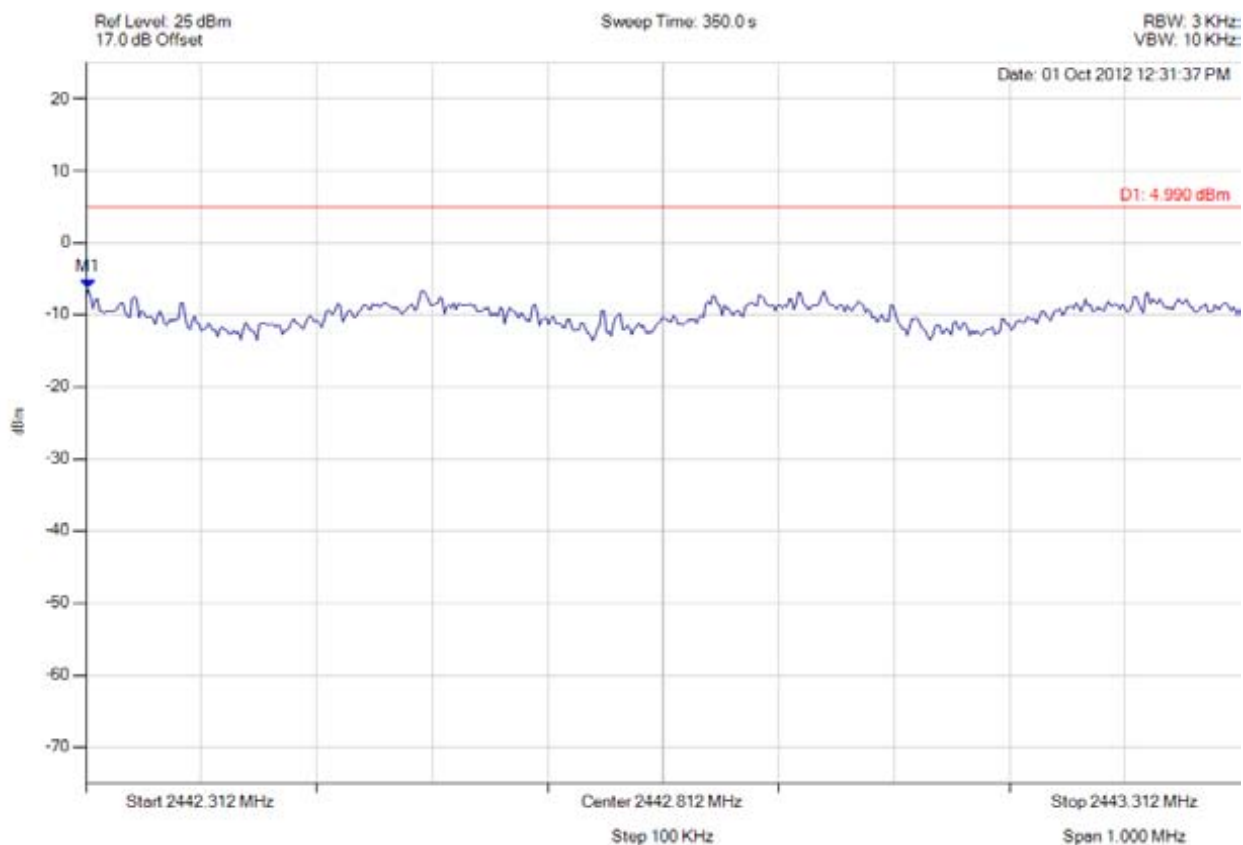


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Variant: 802.11g, Channel: 2437.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2442.314 MHz : -6.430 dBm	Limit: ≤4.99 dBm Margin: -11.42 dB

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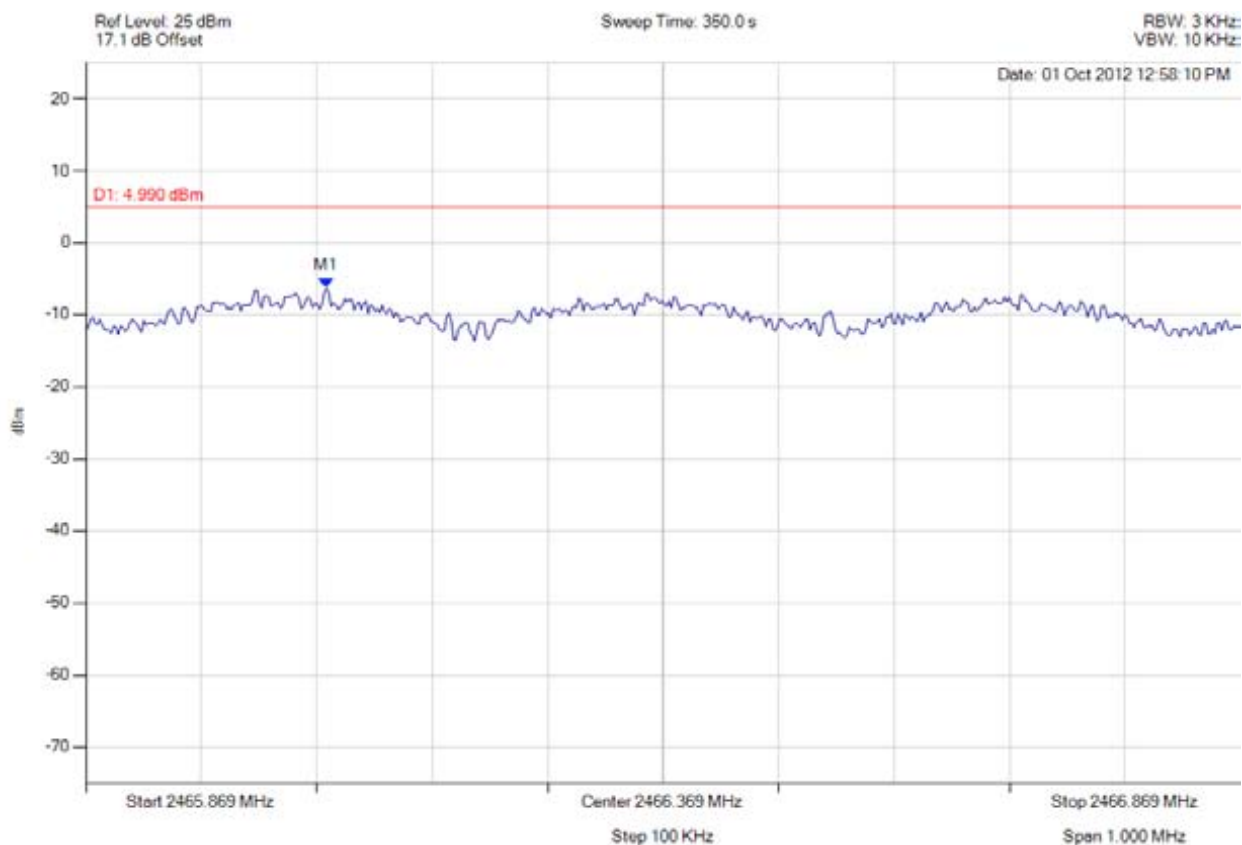


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power density

Variant: 802.11g, Channel: 2462.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2466.077 MHz : -6.267 dBm	Limit: ≤4.99 dBm Margin: -11.26 dB

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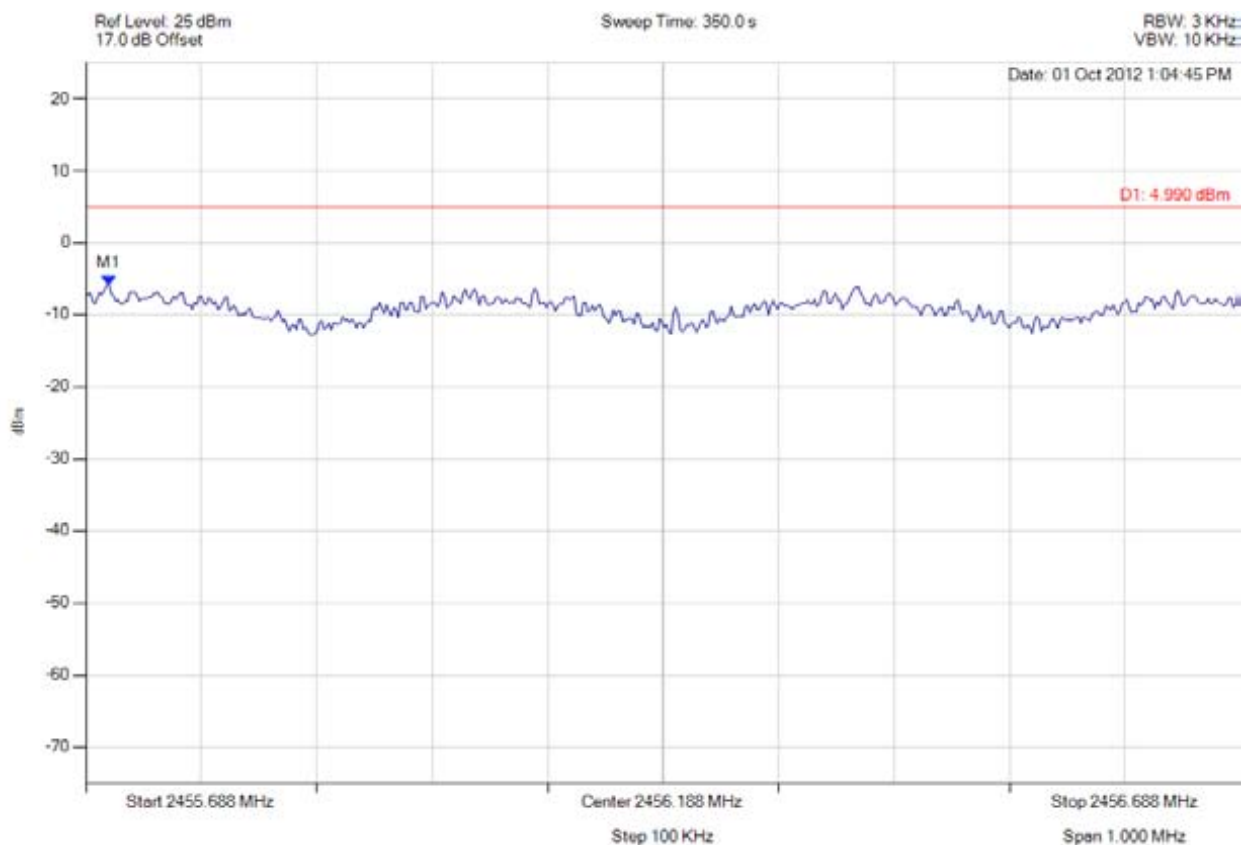


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power density

Variant: 802.11g, Channel: 2462.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2455.708 MHz : -5.836 dBm	Limit: ≤4.99 dBm Margin: -10.83 dB

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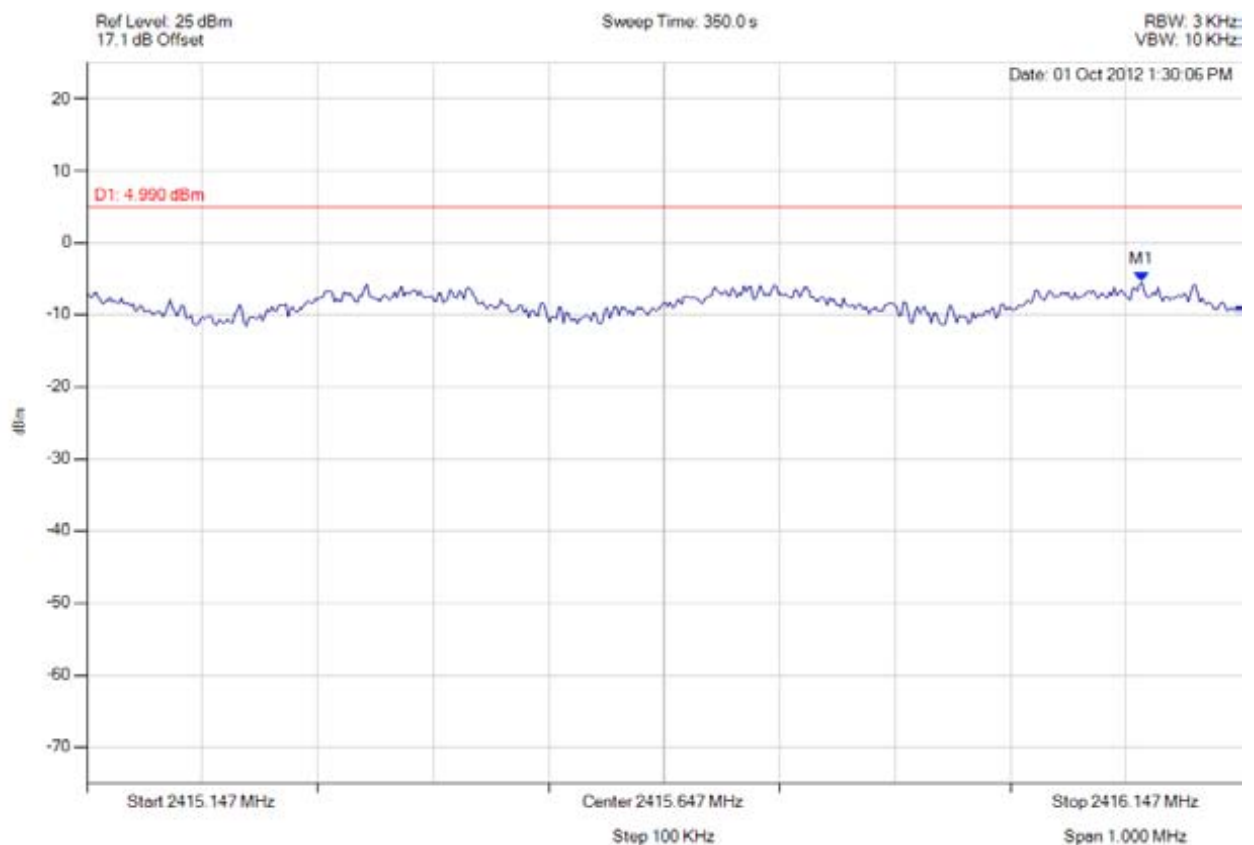


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power density

Variant: 802.11n HT-20, Channel: 2412.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2416.061 MHz : -5.435 dBm	Limit: ≤4.99 dBm Margin: -10.42 dB

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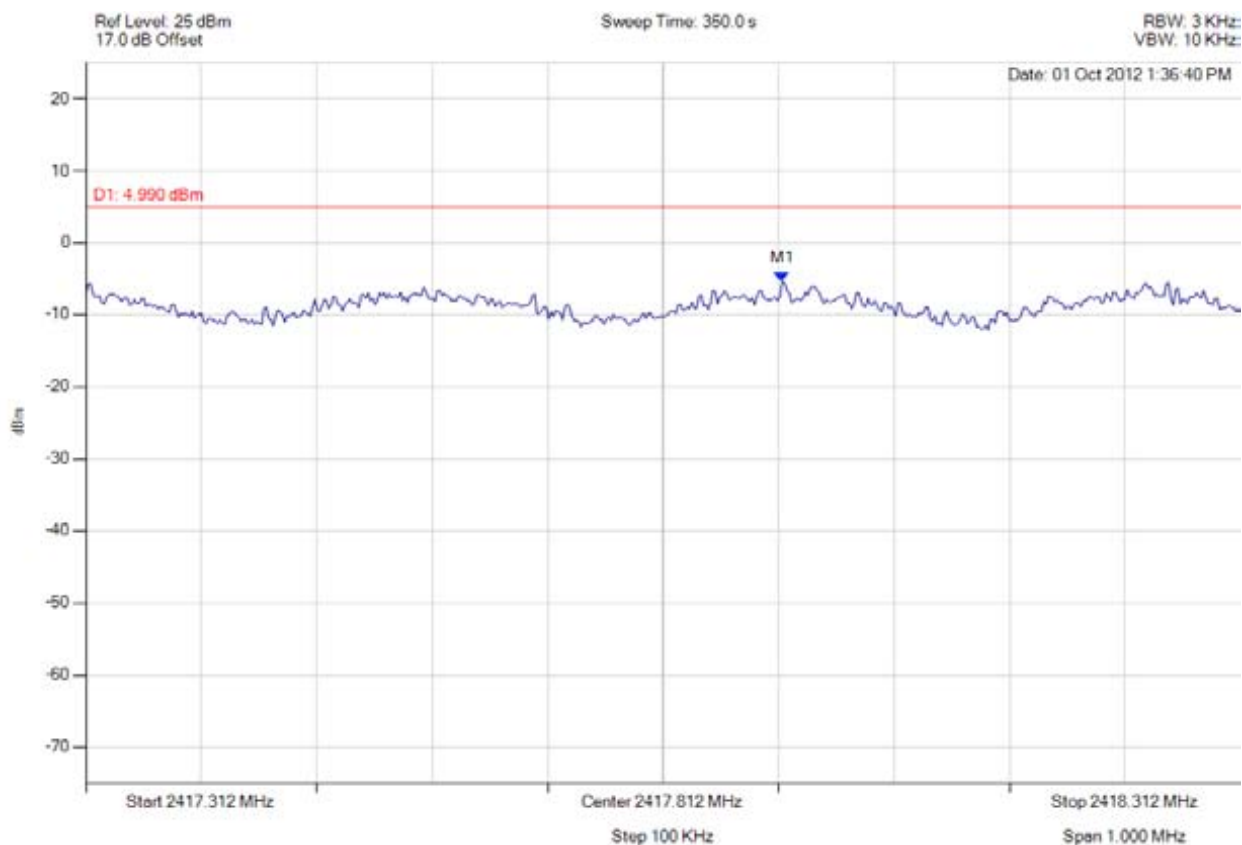


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power density

Variant: 802.11n HT-20, Channel: 2412.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2417.915 MHz : -5.291 dBm	Limit: ≤4.99 dBm Margin: -10.28 dB

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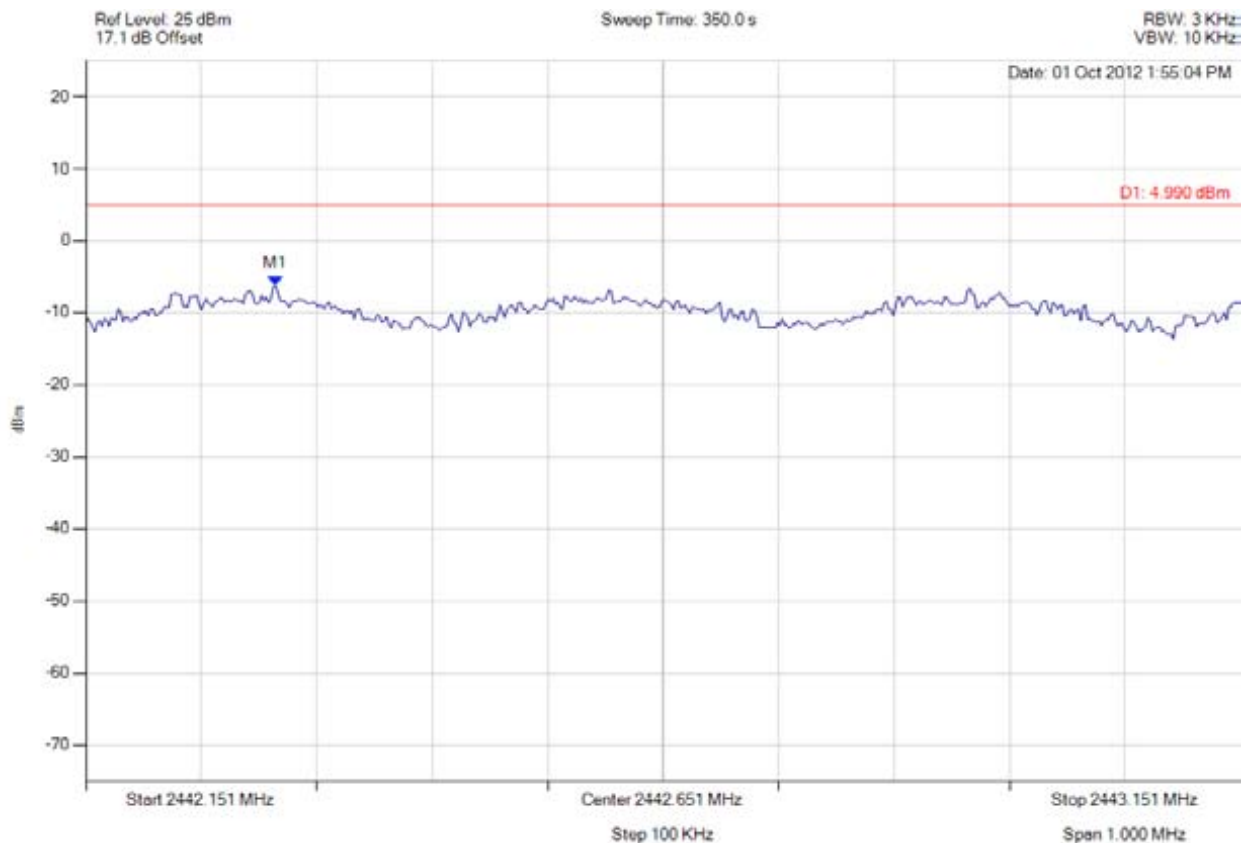


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power density

Variant: 802.11n HT-20, Channel: 2437.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2442.316 MHz : -6.220 dBm	Limit: ≤4.99 dBm Margin: -11.21 dB

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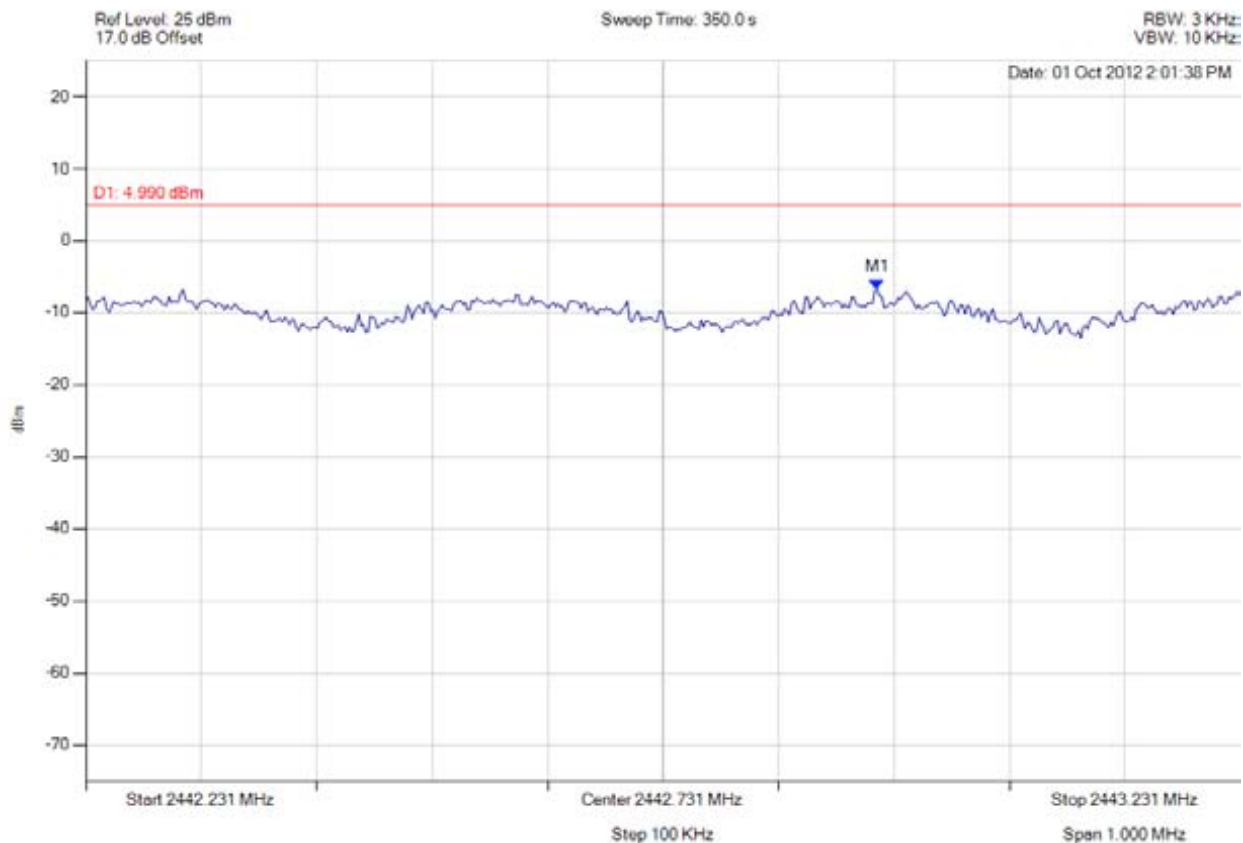


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power density

Variant: 802.11n HT-20, Channel: 2437.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2442.917 MHz : -6.651 dBm	Limit: ≤4.99 dBm Margin: -11.64 dB

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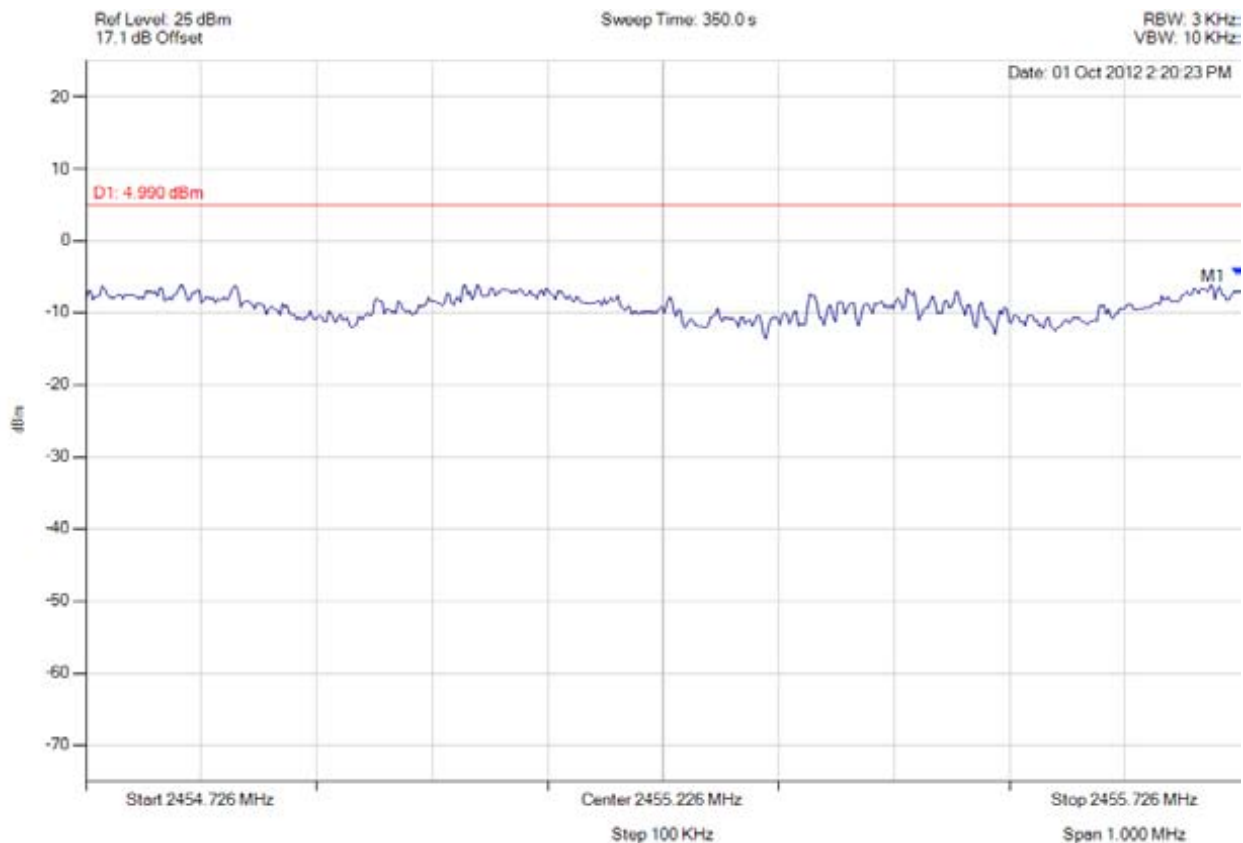


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power density

Variant: 802.11n HT-20, Channel: 2462.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2455.726 MHz : -4.994 dBm	Limit: ≤4.99 dBm Margin: -9.98 dB

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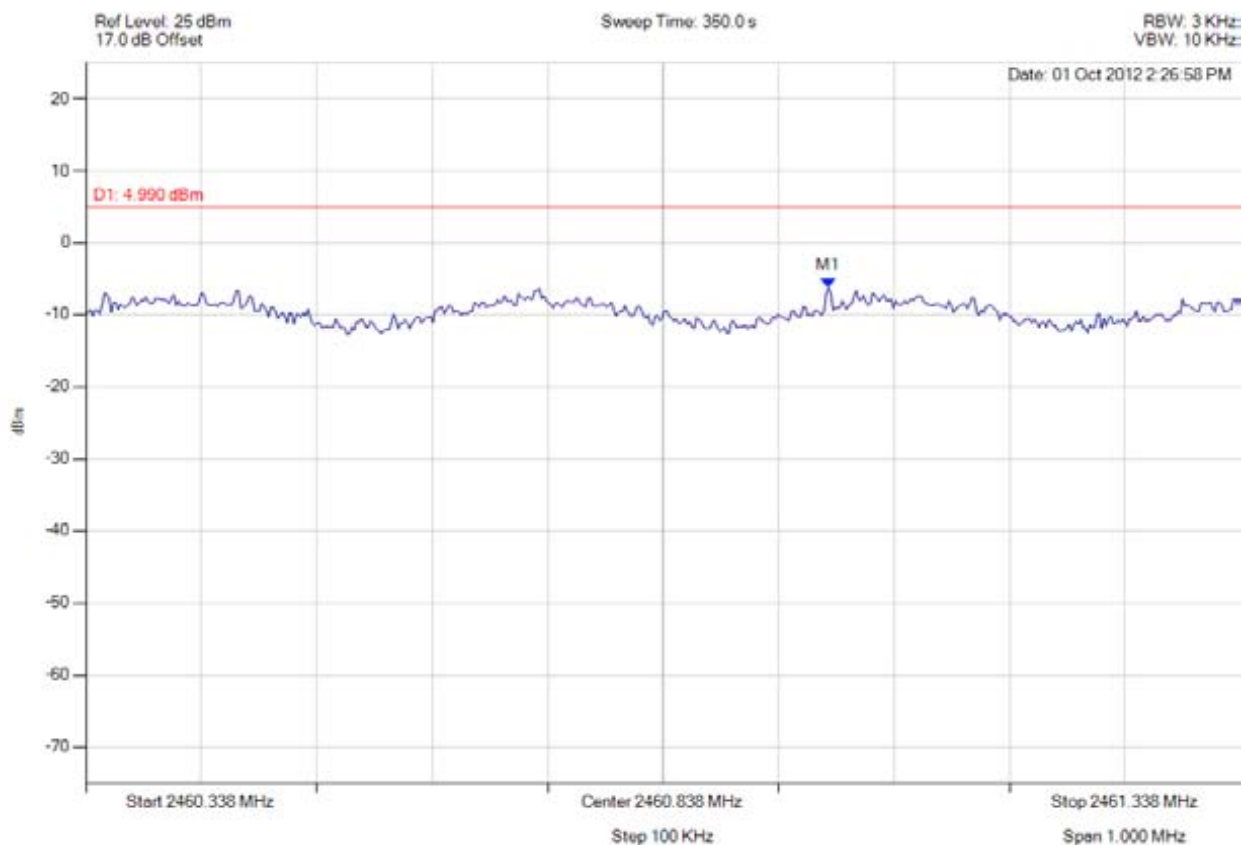


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power density

Variant: 802.11n HT-20, Channel: 2462.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2460.981 MHz : -6.206 dBm	Limit: ≤4.99 dBm Margin: -11.20 dB

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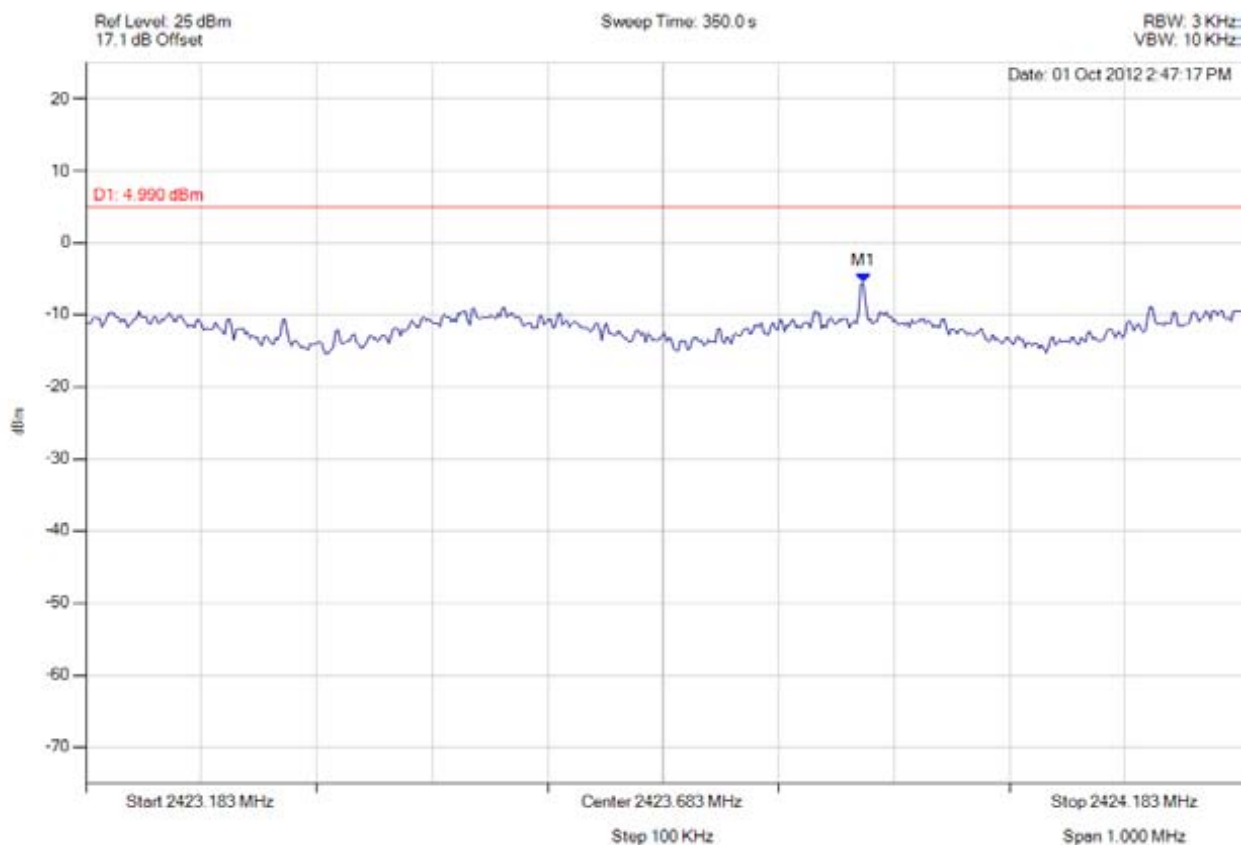


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power density

Variant: 802.11n HT-40, Channel: 2422.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2423.857 MHz : -5.563 dBm	Limit: ≤4.99 dBm Margin: -10.55 dB

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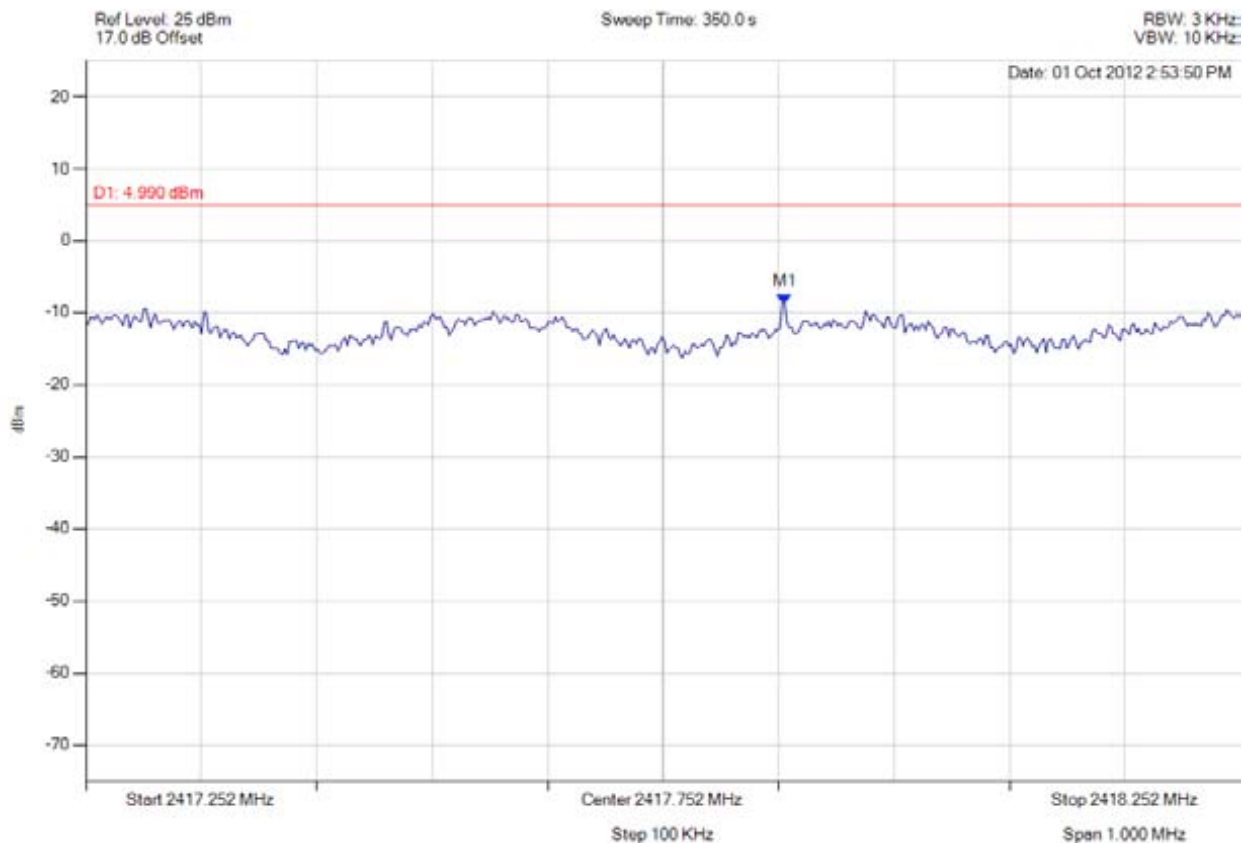


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power density

Variant: 802.11n HT-40, Channel: 2422.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2417.857 MHz : -8.638 dBm	Limit: ≤4.99 dBm Margin: -13.63 dB

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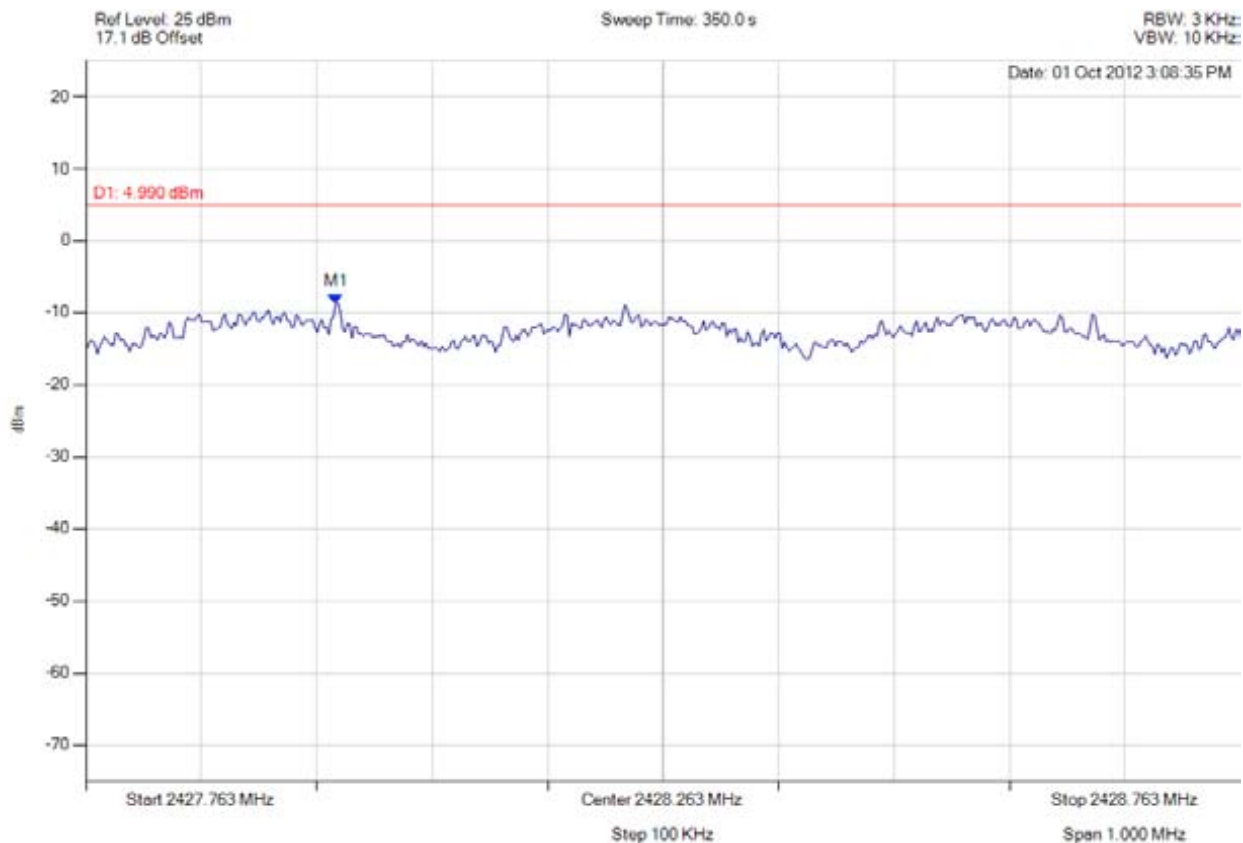


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power density

Variant: 802.11n HT-40, Channel: 2437.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2427.979 MHz : -8.689 dBm	Limit: ≤4.99 dBm Margin: -13.68 dB

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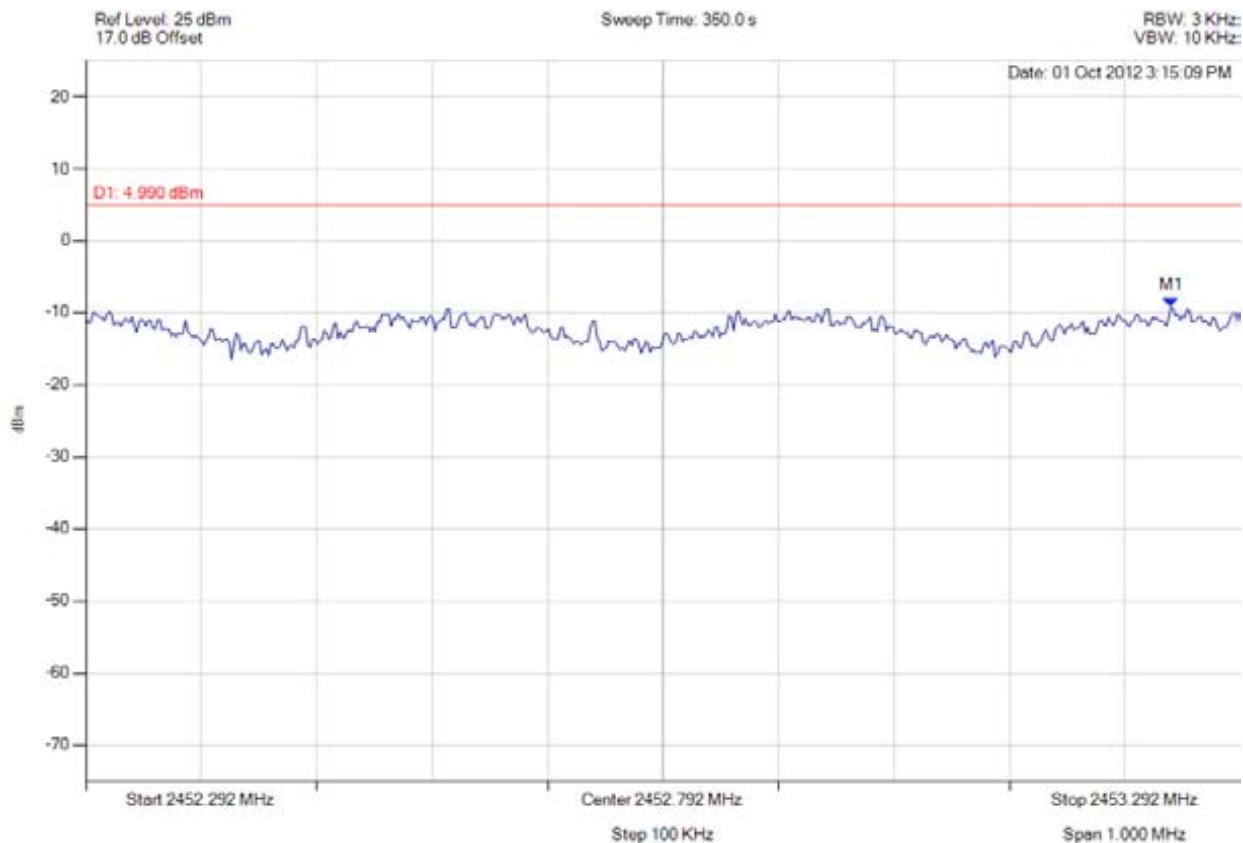


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power density

Variant: 802.11n HT-40, Channel: 2437.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2453.231 MHz : -9.136 dBm	Limit: ≤4.99 dBm Margin: -14.13 dB

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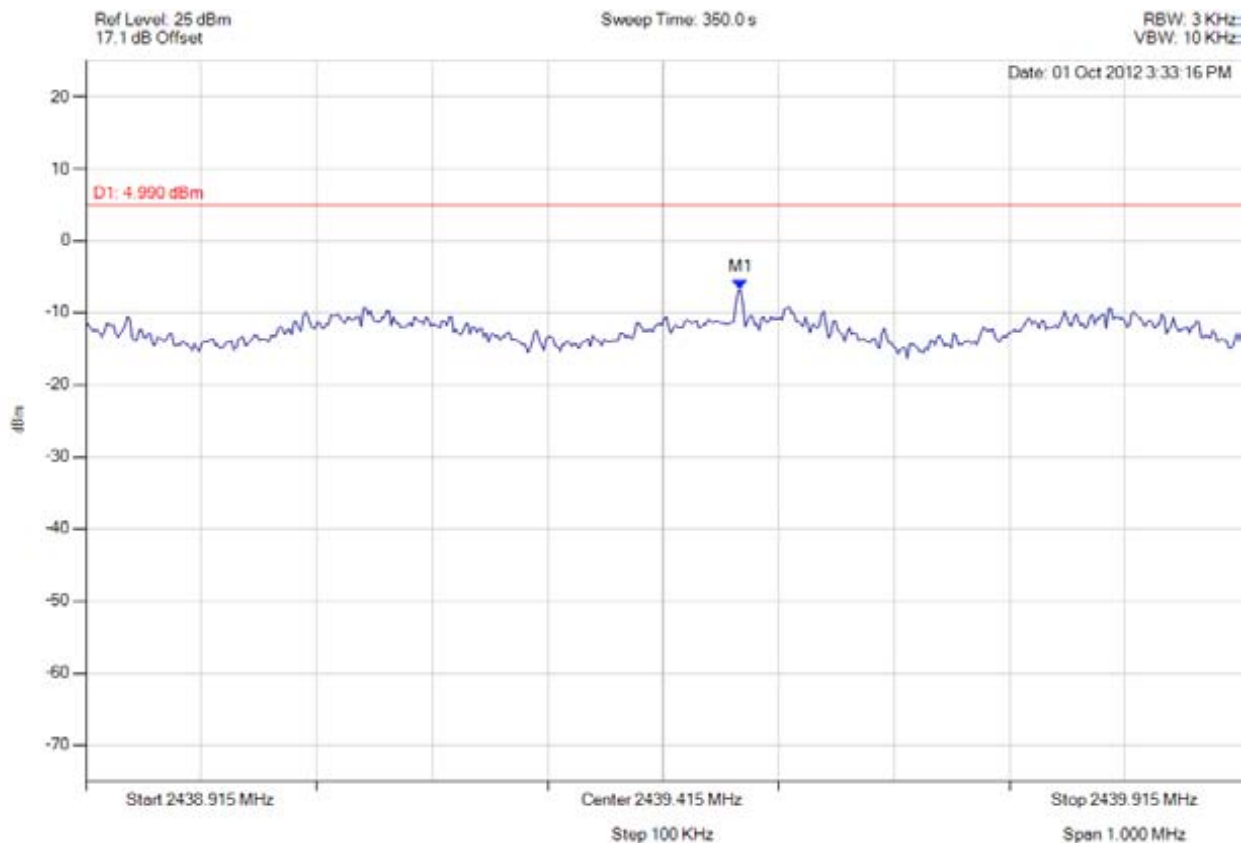


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power density

Variant: 802.11n HT-40, Channel: 2452.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2439.482 MHz : -6.753 dBm	Limit: ≤4.99 dBm Margin: -11.74 dB

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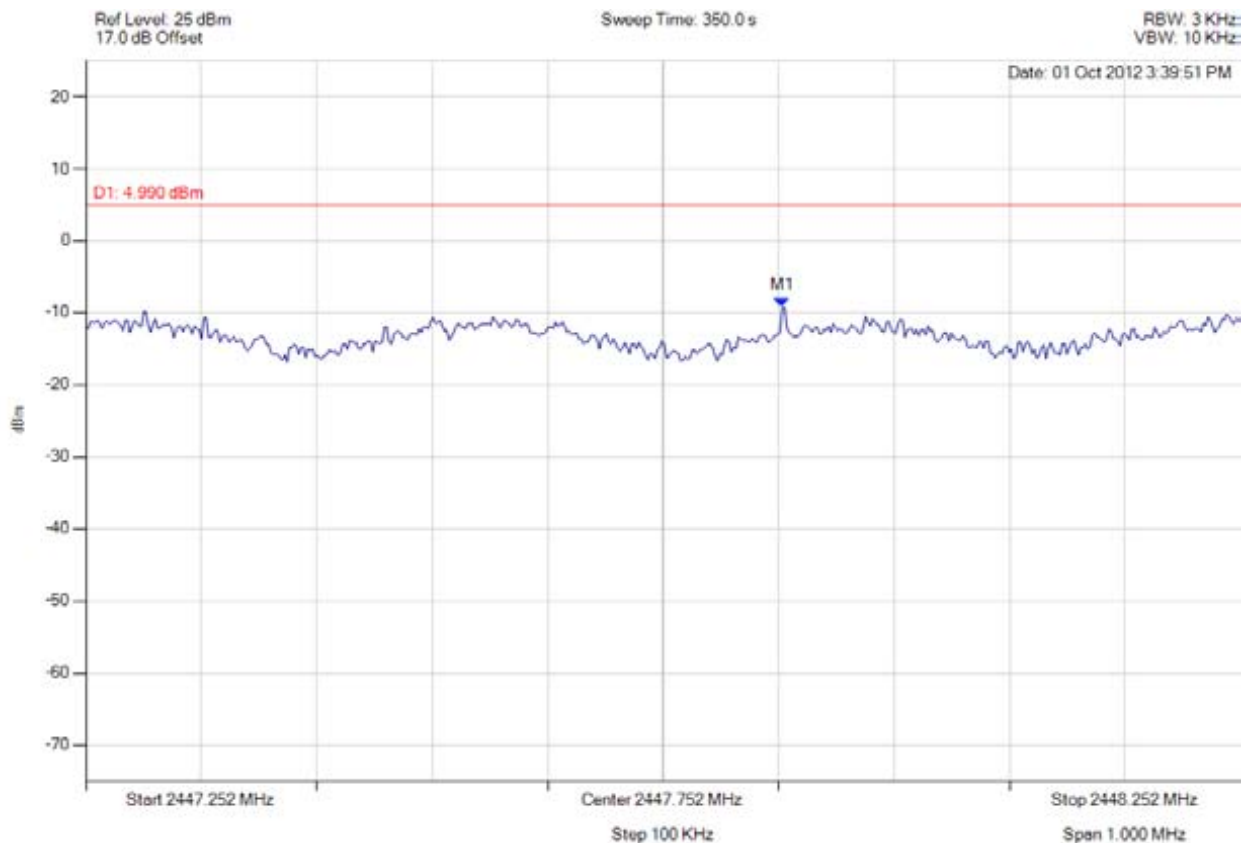


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power density

Variant: 802.11n HT-40, Channel: 2452.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2447.855 MHz : -9.236 dBm	Limit: ≤4.99 dBm Margin: -14.23 dB

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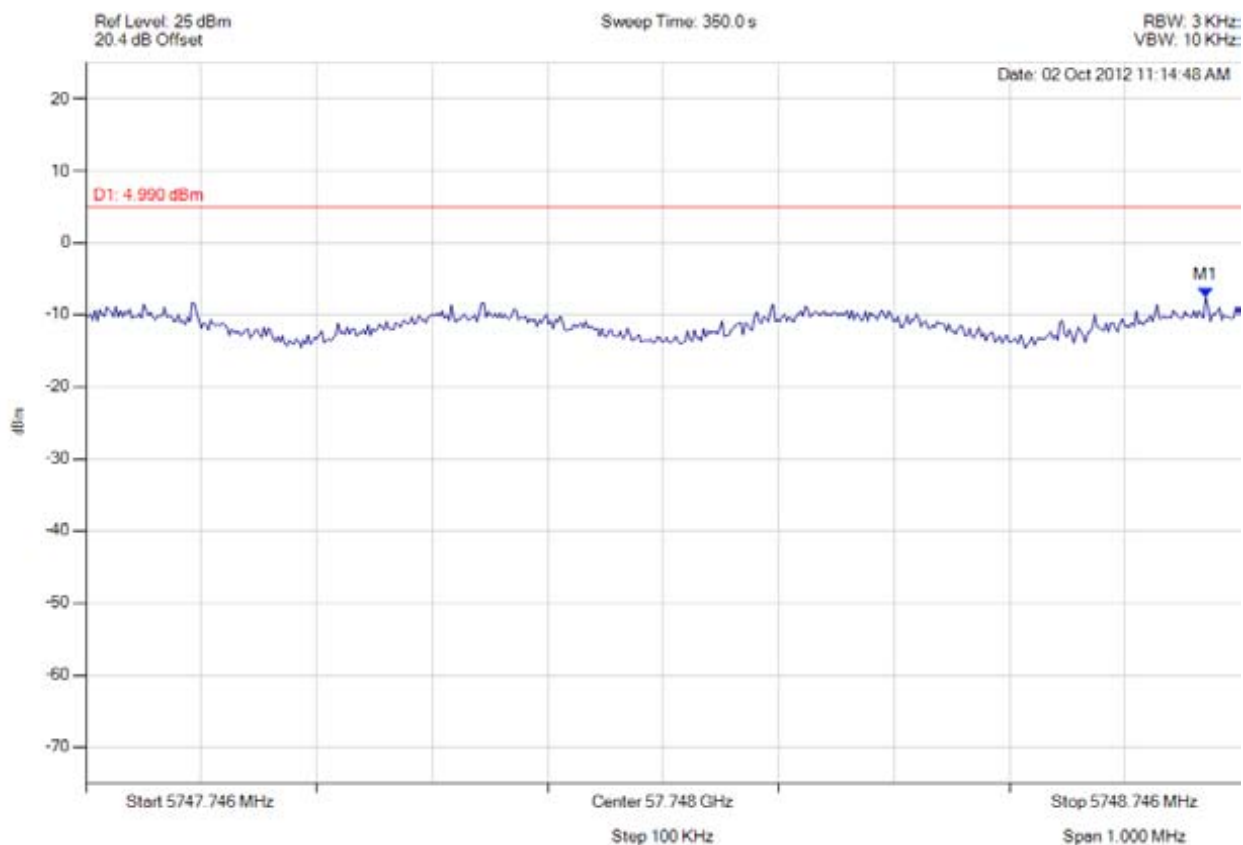


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power density

Variant: 802.11a, Channel: 5745.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5748.716 MHz : -7.505 dBm	Limit: ≤4.99 dBm Margin: -12.49 dB

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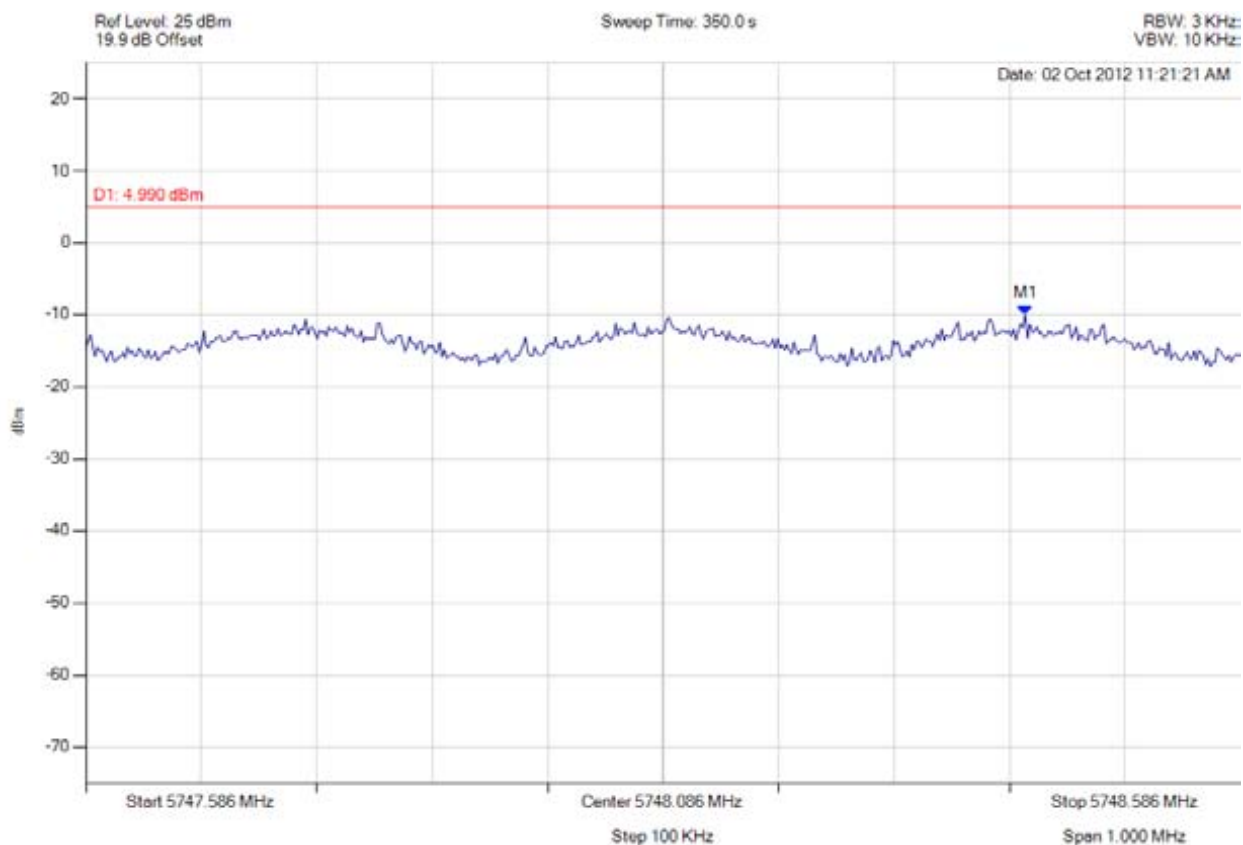


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power density

Variant: 802.11a, Channel: 5745.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5748.400 MHz : -10.043 dBm	Limit: ≤4.99 dBm Margin: -15.03 dB

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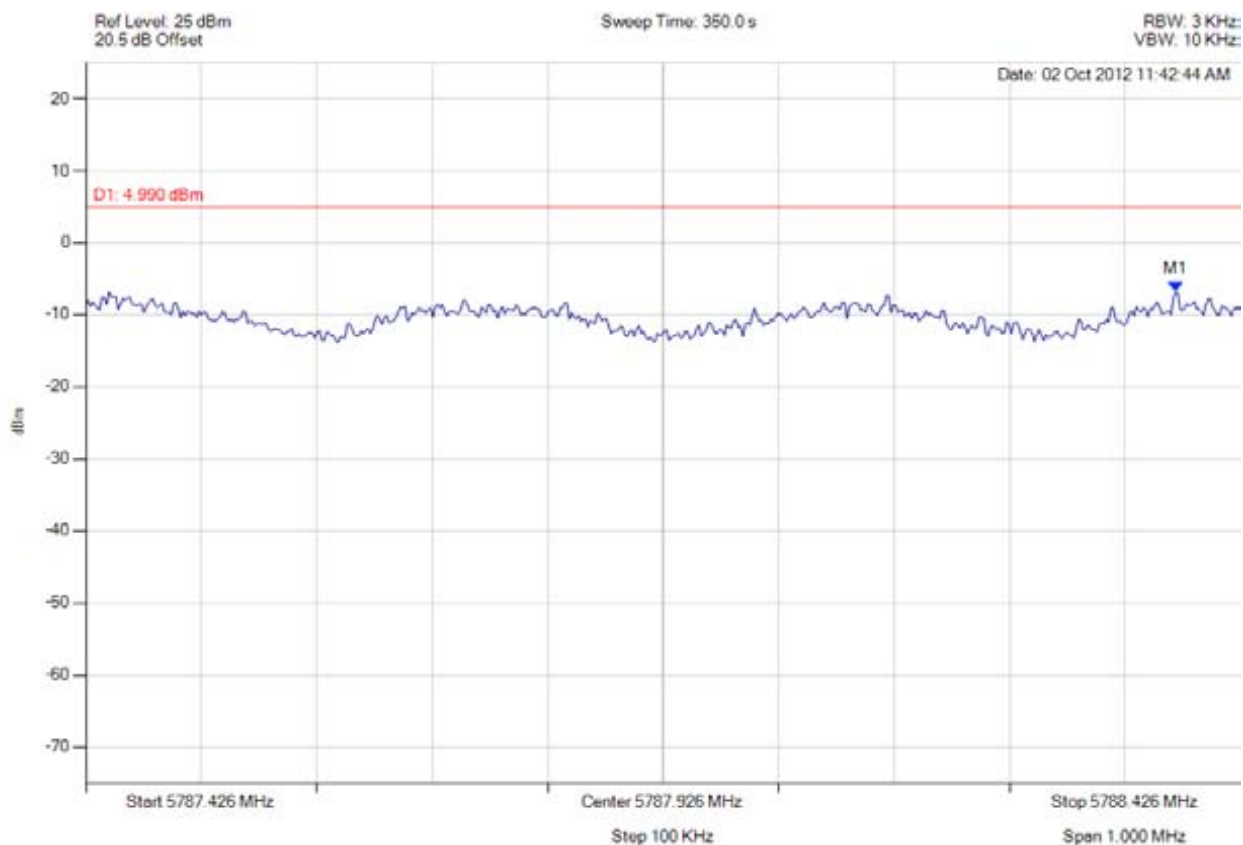


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power density

Variant: 802.11a, Channel: 5785.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5788.370 MHz : -6.720 dBm	Limit: ≤4.99 dBm Margin: -11.71 dB

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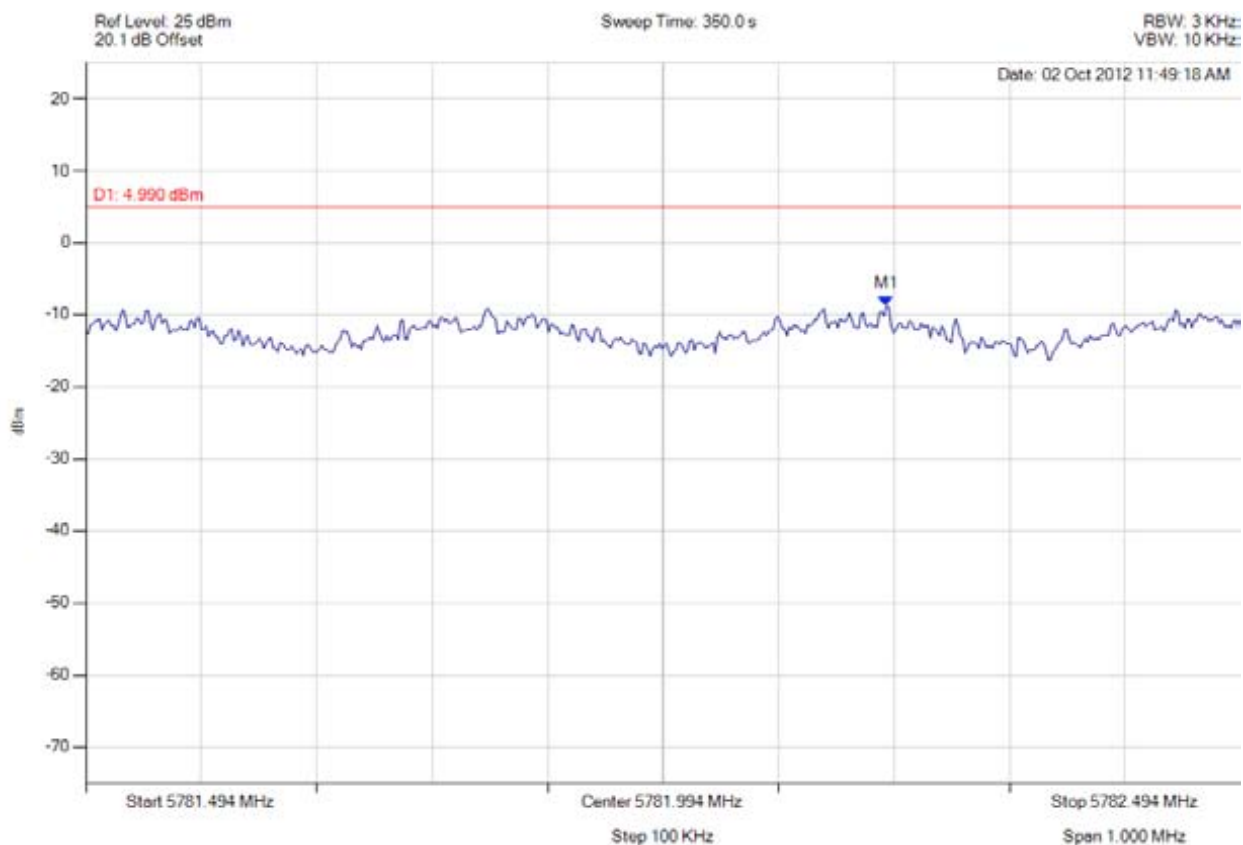


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power density

Variant: 802.11a, Channel: 5785.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5782.187 MHz : -8.677 dBm	Limit: ≤4.99 dBm Margin: -13.67 dB

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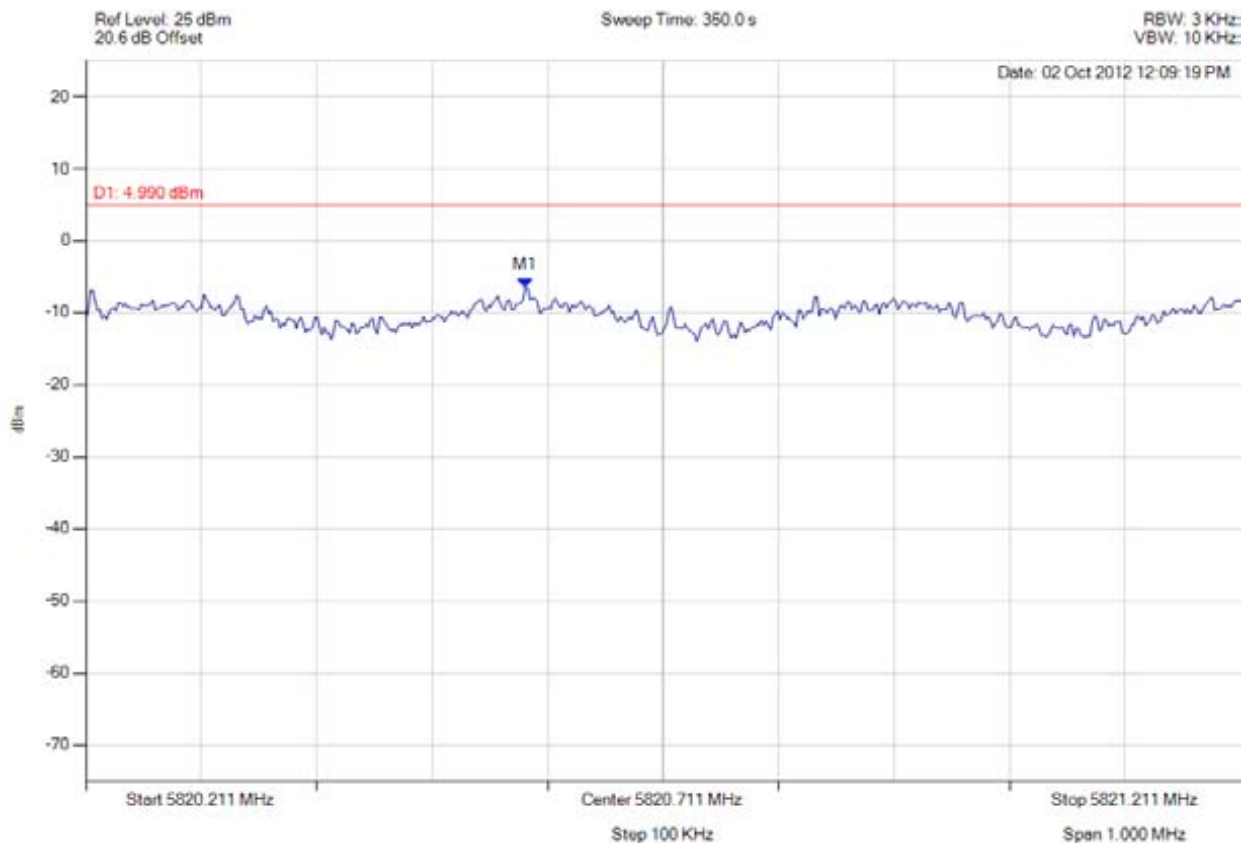


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power density

Variant: 802.11a, Channel: 5825.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5820.592 MHz : -6.462 dBm	Limit: ≤4.99 dBm Margin: -11.45 dB

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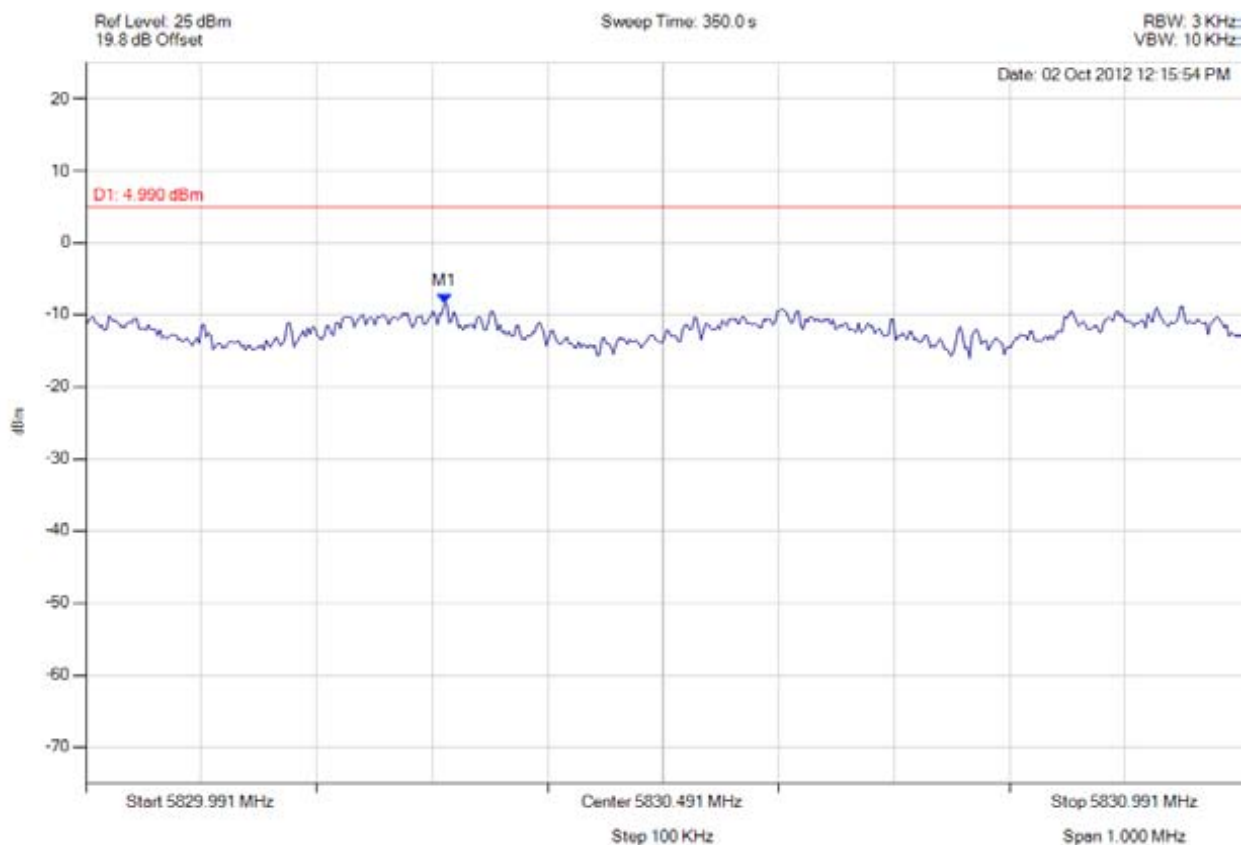


Title: Aruba Networks APINR108, APINR109 Wireless AP
To: FCC 47 CFR Part 15.247 & IC RSS-210
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power density

Variant: 802.11a, Channel: 5825.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5830.302 MHz : -8.404 dBm	Limit: ≤4.99 dBm Margin: -13.39 dB

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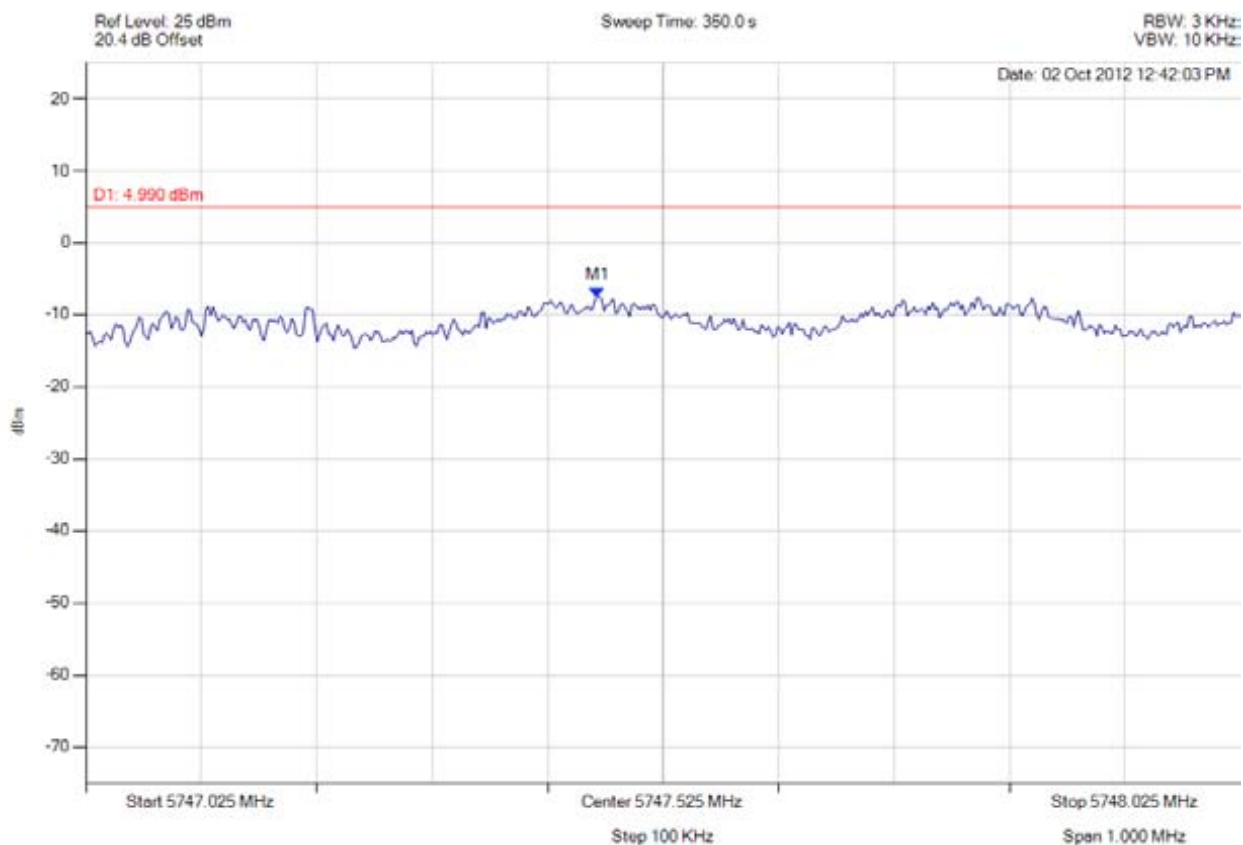


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power density

Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5747.468 MHz : -7.465 dBm	Limit: ≤4.99 dBm Margin: -12.45 dB

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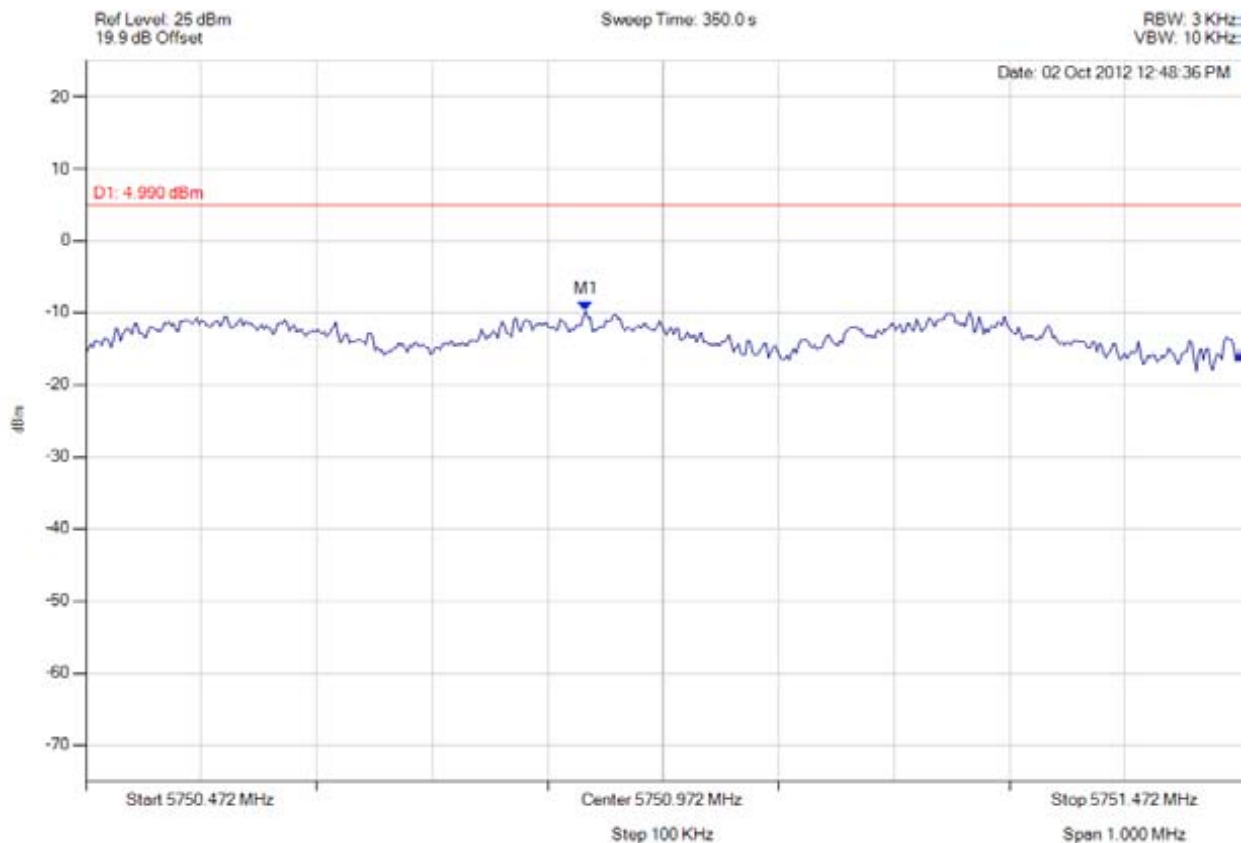


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power density

Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5750.905 MHz : -9.769 dBm	Limit: ≤4.99 dBm Margin: -14.76 dB

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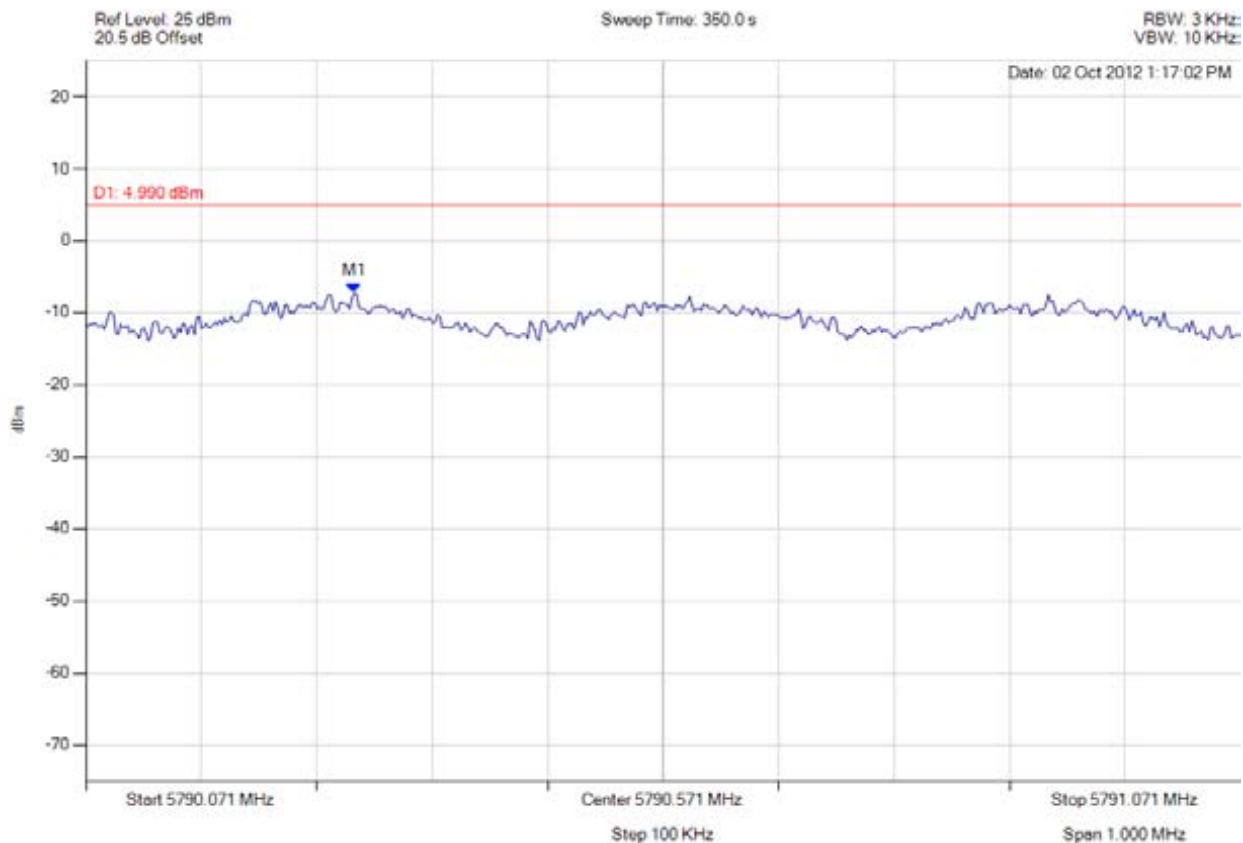


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power density

Variant: 802.11n HT-20, Channel: 5785.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5790.304 MHz : -7.158 dBm	Limit: ≤4.99 dBm Margin: -12.15 dB

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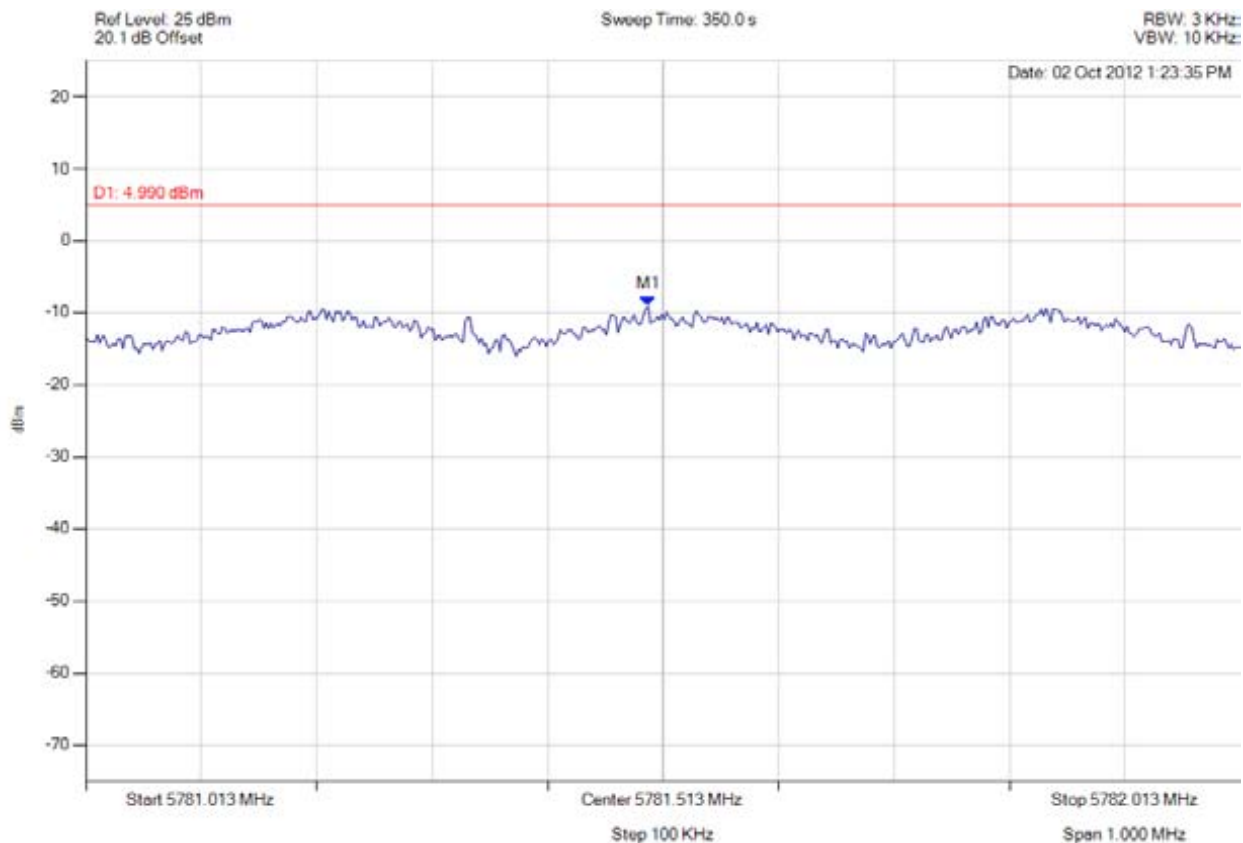


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power density

Variant: 802.11n HT-20, Channel: 5785.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5781.500 MHz : -9.079 dBm	Limit: ≤4.99 dBm Margin: -14.07 dB

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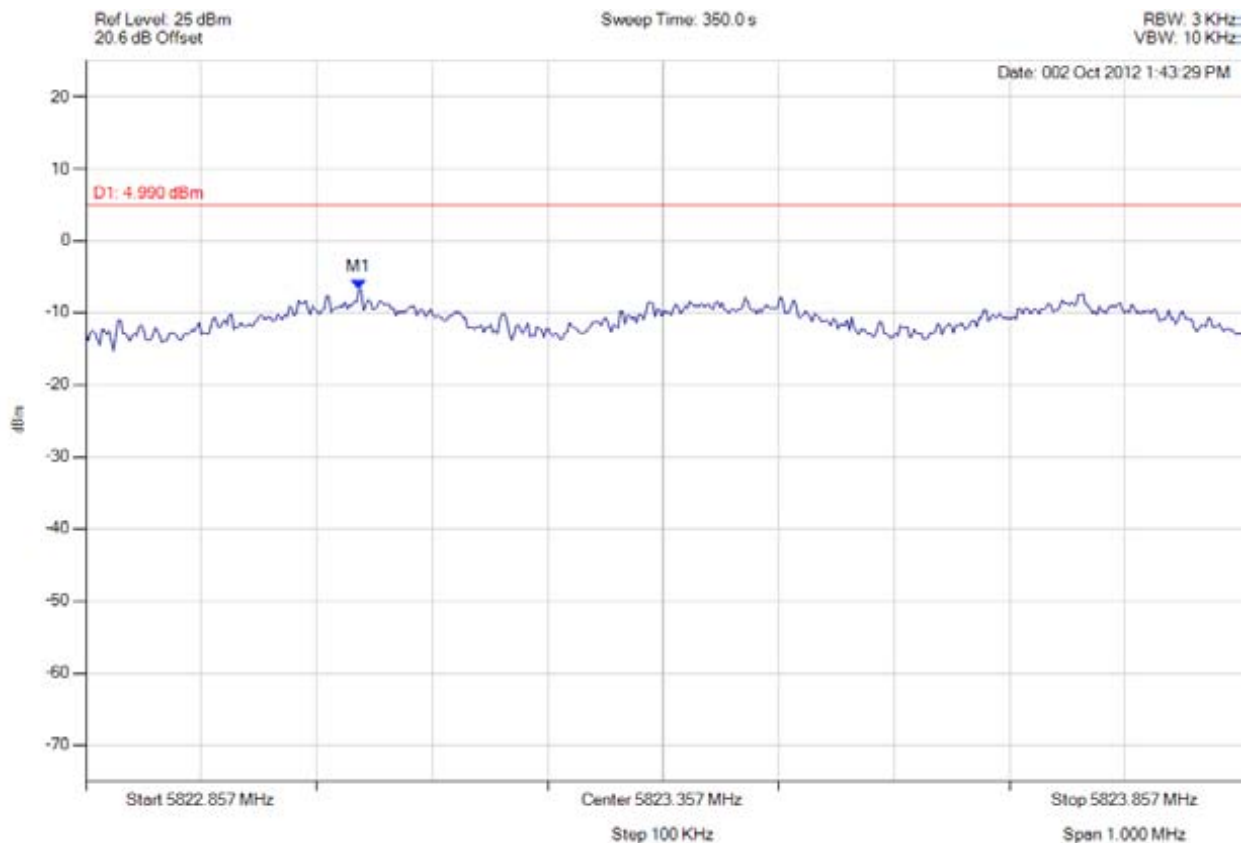


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power density

Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5823.093 MHz : -6.765 dBm	Limit: ≤4.99 dBm Margin: -11.75 dB

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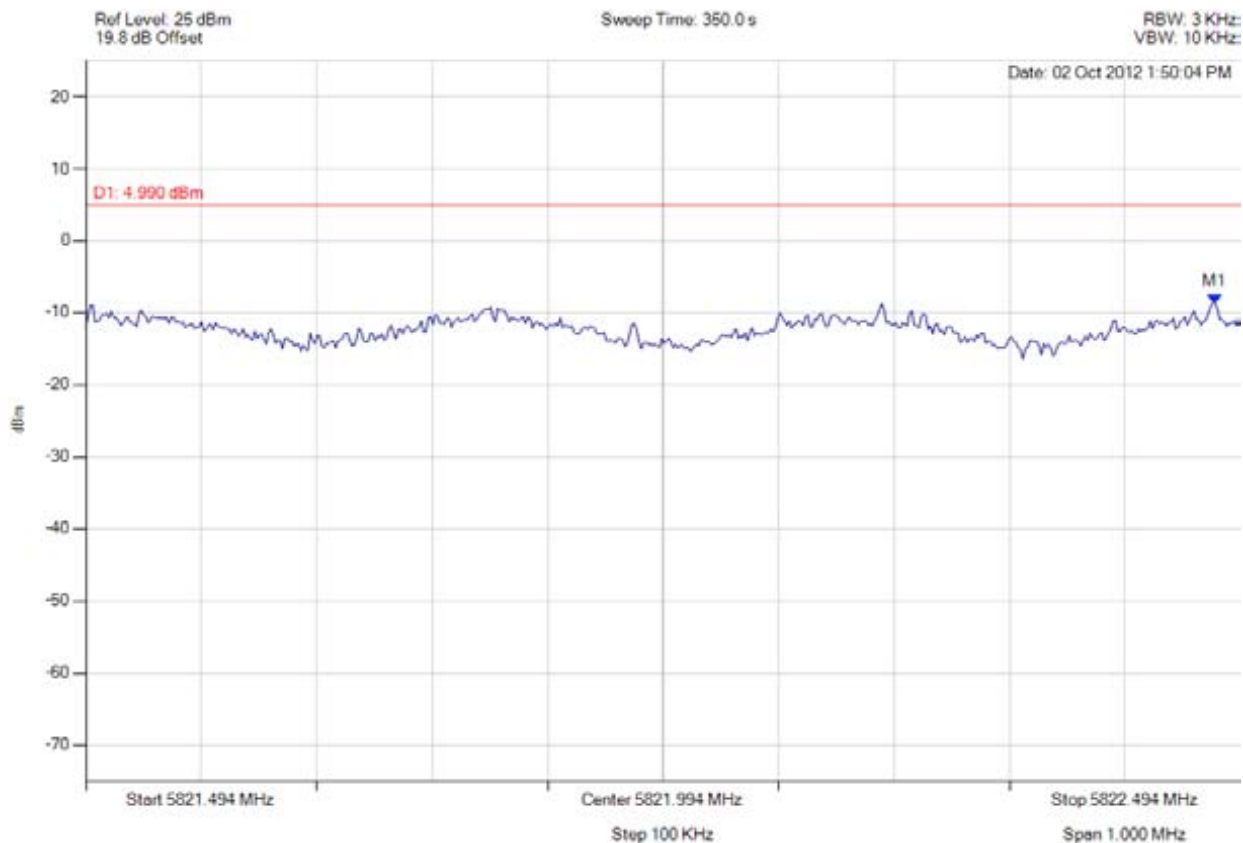


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power density

Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5822.472 MHz : -8.665 dBm	Limit: ≤4.99 dBm Margin: -13.65 dB

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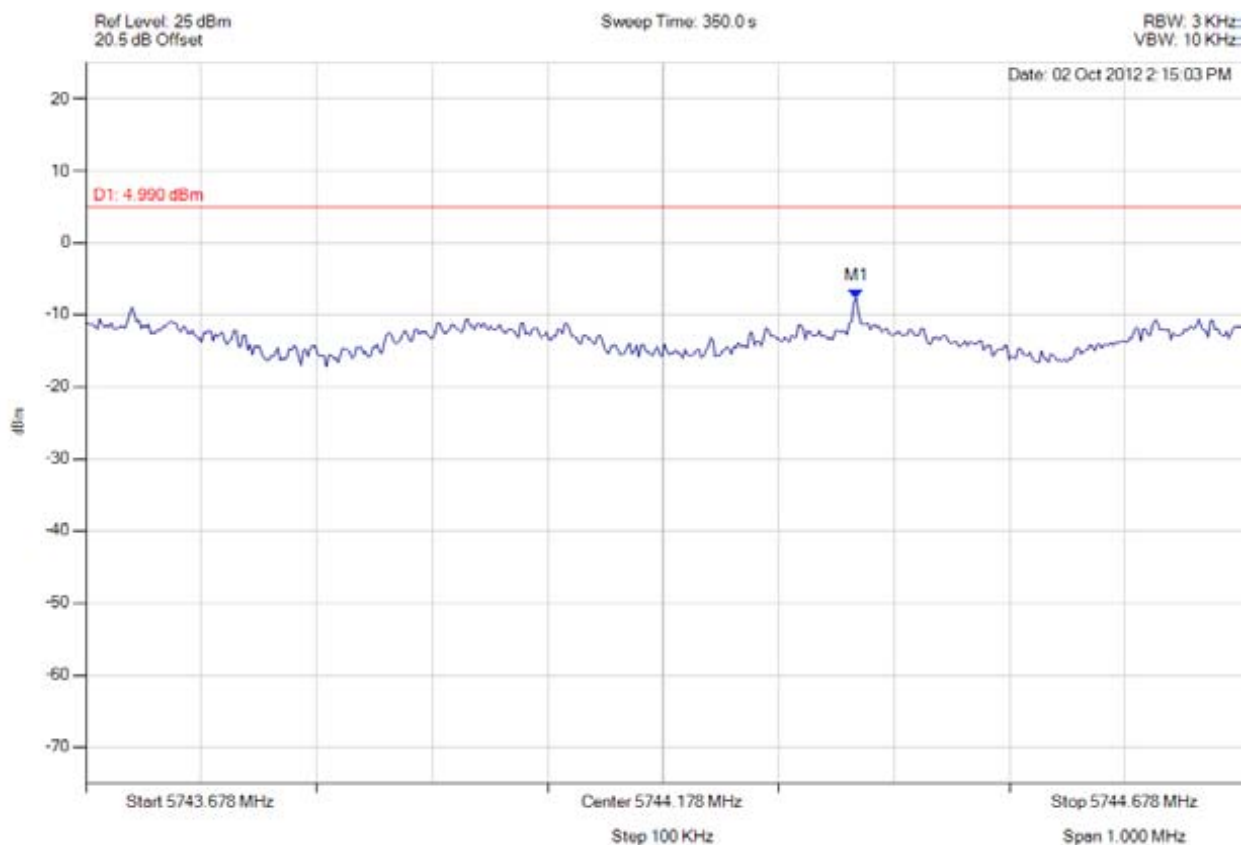


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power density

Variant: 802.11n HT-40, Channel: 5755.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5744.346 MHz : -7.656 dBm	Limit: ≤4.99 dBm Margin: -12.65 dB

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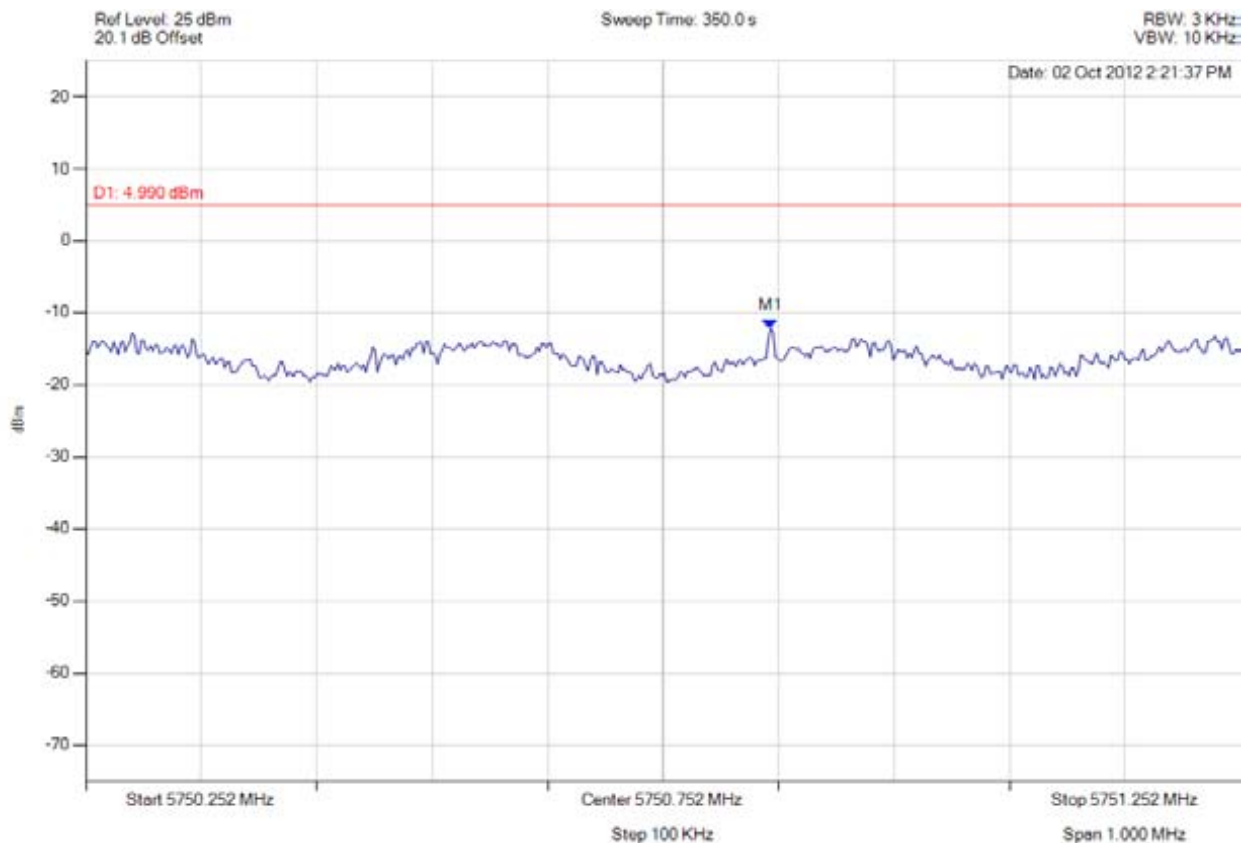


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power density

Variant: 802.11n HT-40, Channel: 5755.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5750.845 MHz : -12.120 dBm	Limit: ≤4.99 dBm Margin: -17.11 dB

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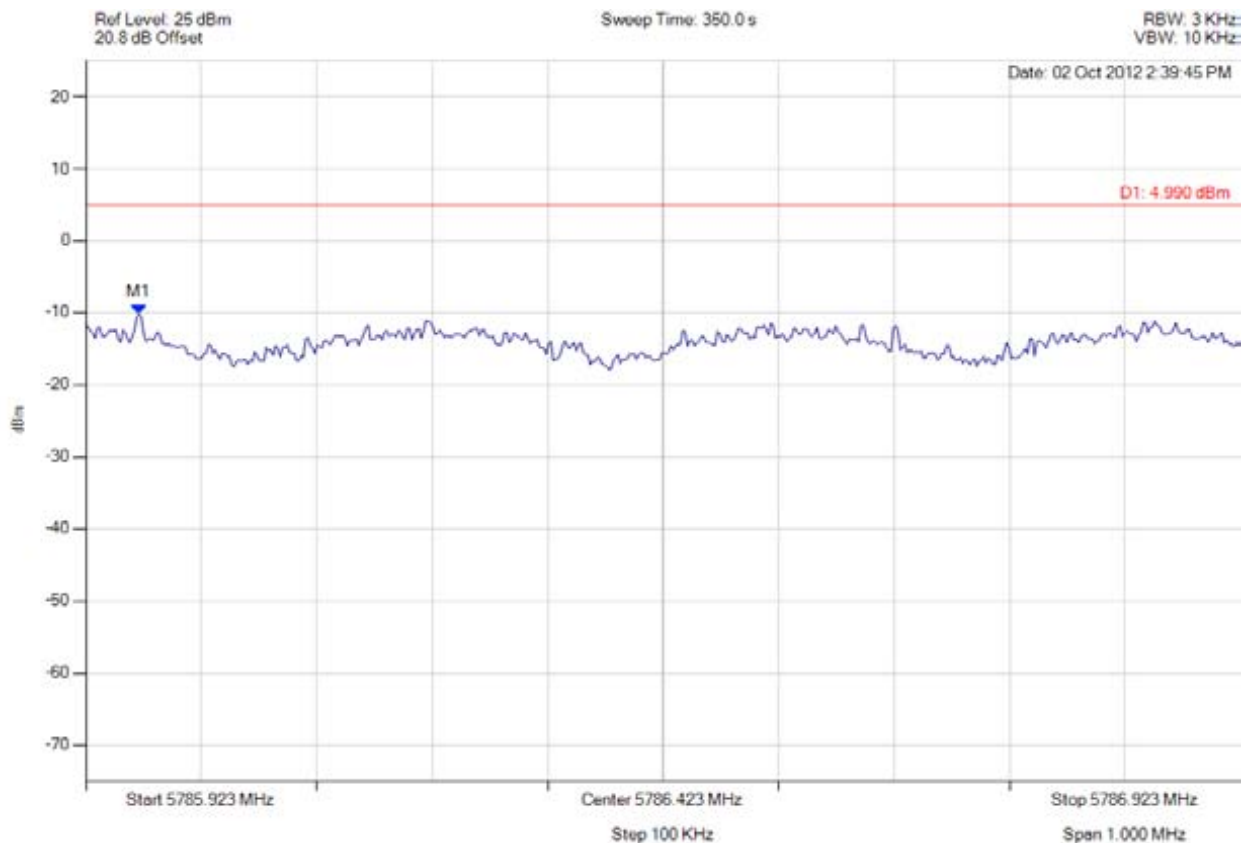


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power density

Variant: 802.11n HT-40, Channel: 5795.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5785.969 MHz : -10.239 dBm	Limit: ≤4.99 dBm Margin: -15.23 dB

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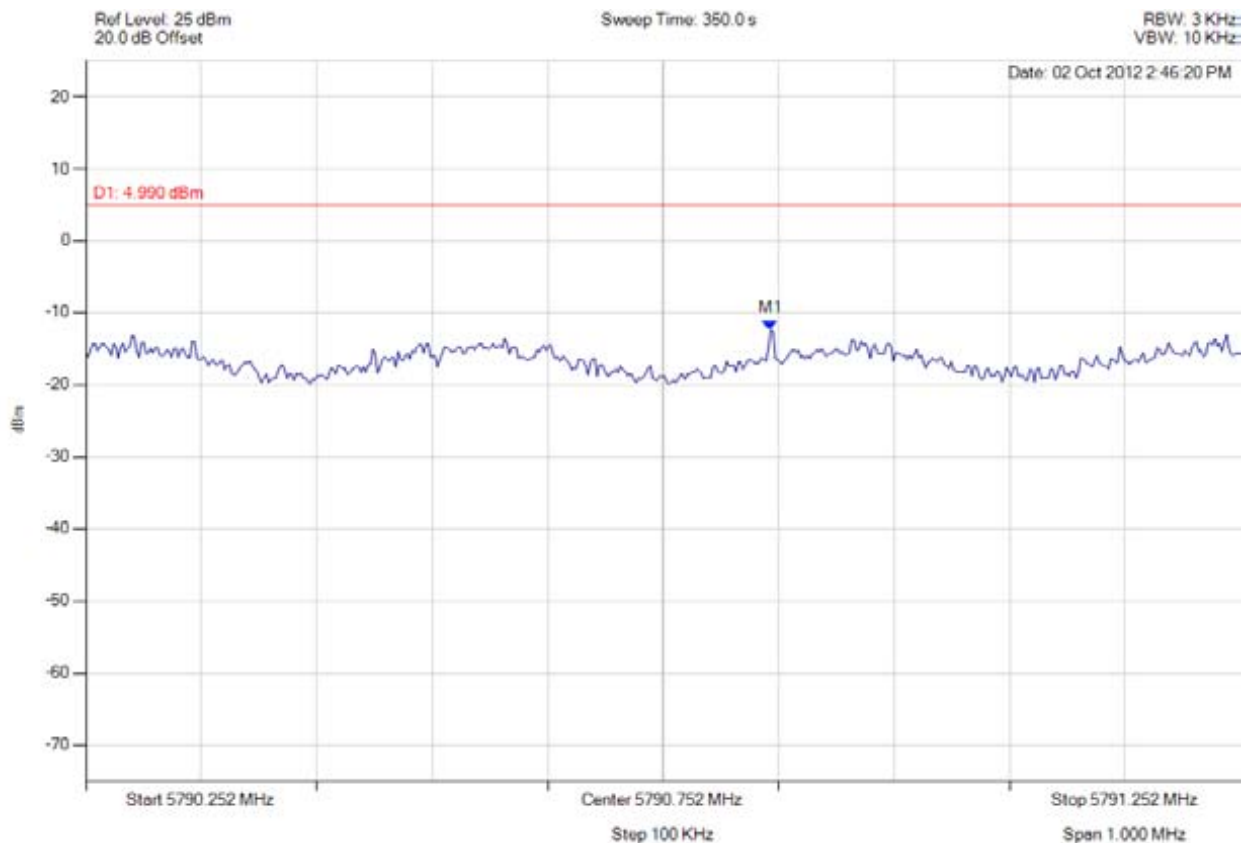


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power density

Variant: 802.11n HT-40, Channel: 5795.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5790.845 MHz : -12.427 dBm	Limit: ≤4.99 dBm Margin: -17.42 dB

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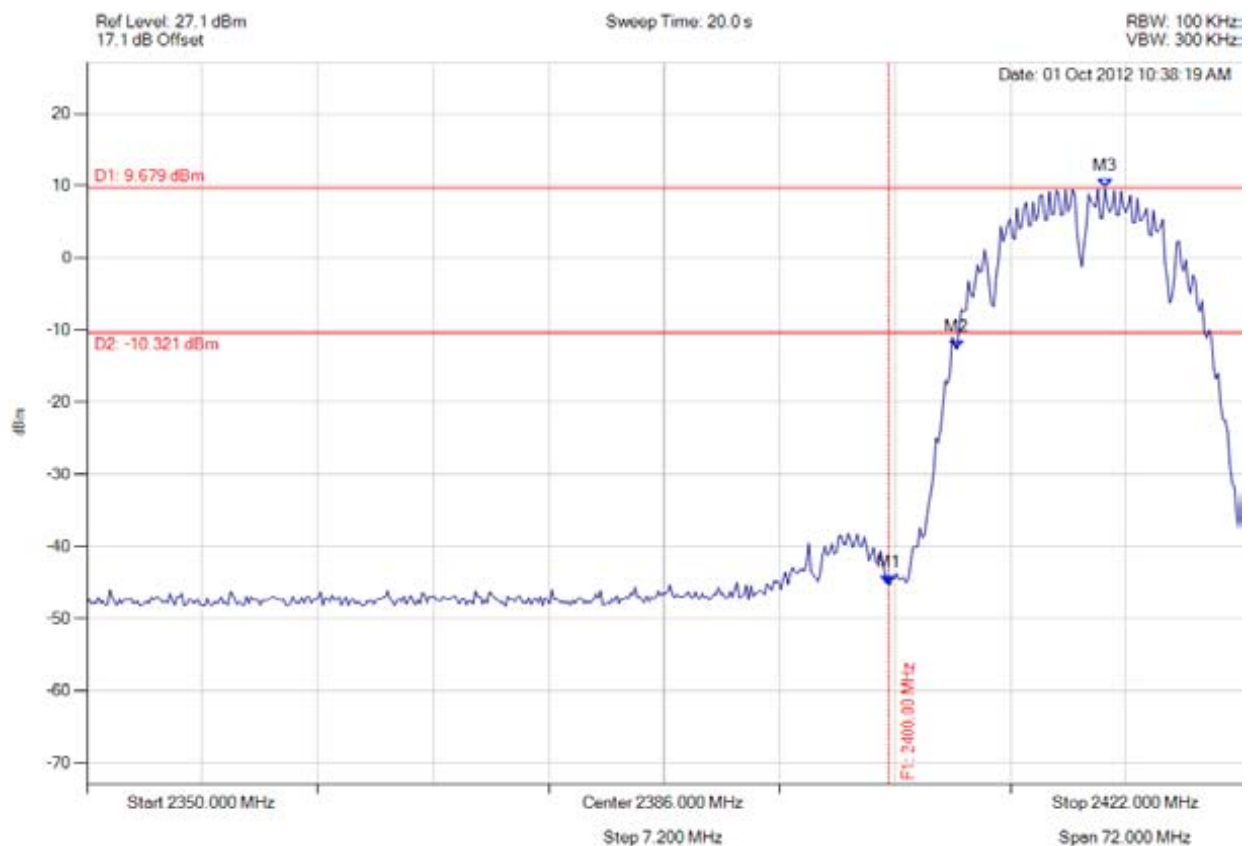
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A.1.4. Conducted Spurious Emissions



band-edge

Variant: 802.11b, Channel: 2412.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2400.000 MHz : -45.338 dBm M2 : 2404.253 MHz : -12.666 dBm M3 : 2413.487 MHz : 9.679 dBm	Limit: -10.32 dBm Margin: -35.02 dB

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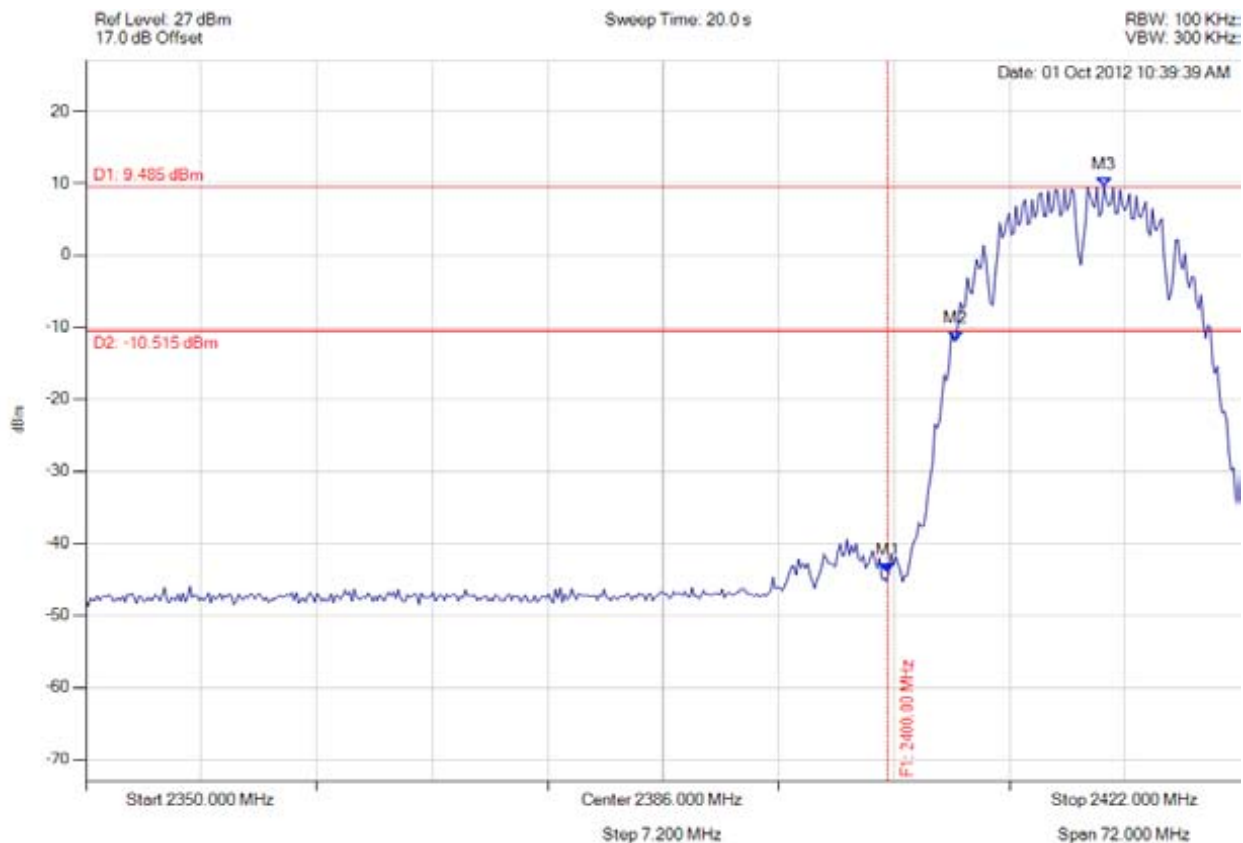


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band-edge

Variant: 802.11b, Channel: 2412.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2400.000 MHz : -44.075 dBm M2 : 2404.253 MHz : -11.946 dBm M3 : 2413.487 MHz : 9.485 dBm	Limit: -10.52 dBm Margin: -33.56 dB

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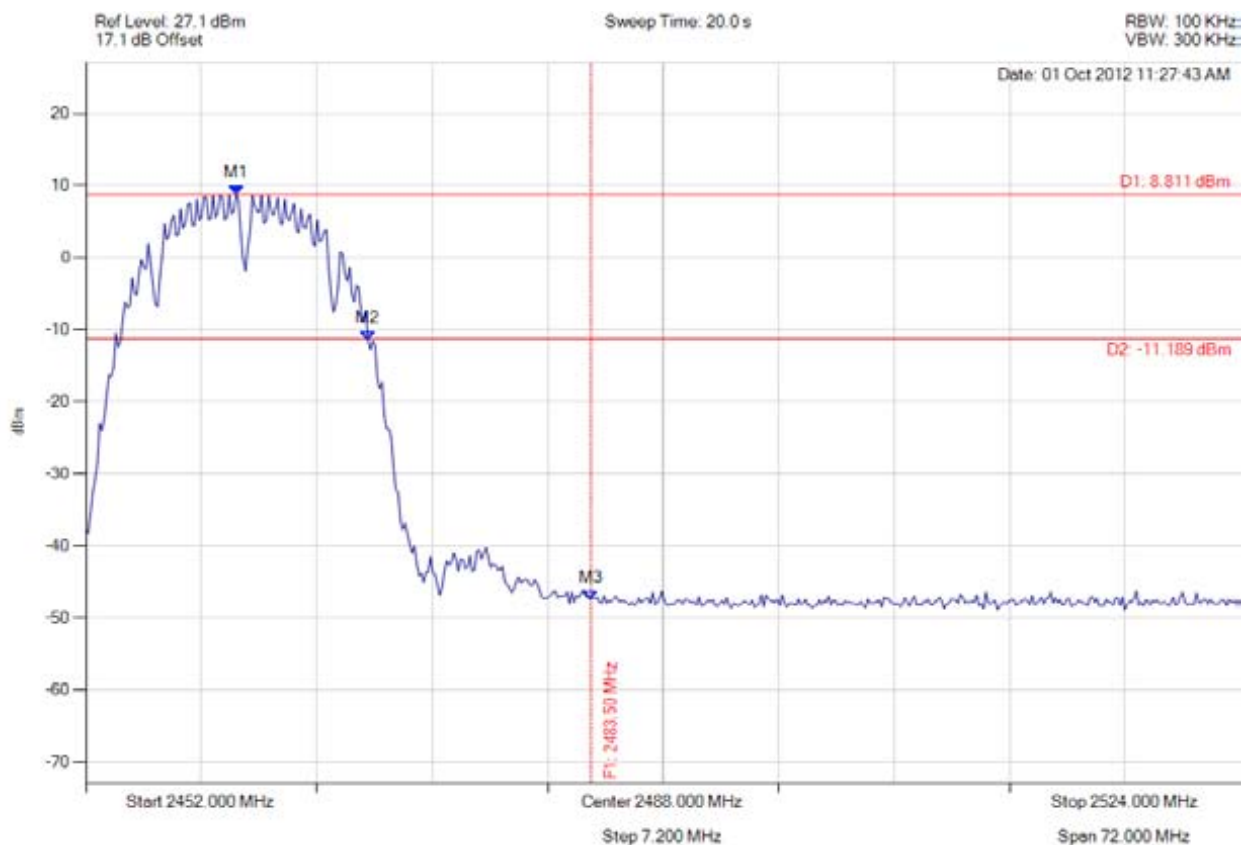


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band-edge

Variant: 802.11b, Channel: 2462.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2461.379 MHz : 8.811 dBm M2 : 2469.603 MHz : -11.498 dBm M3 : 2483.500 MHz : -47.449 dBm	Limit: -11.19 dBm Margin: -36.26 dB

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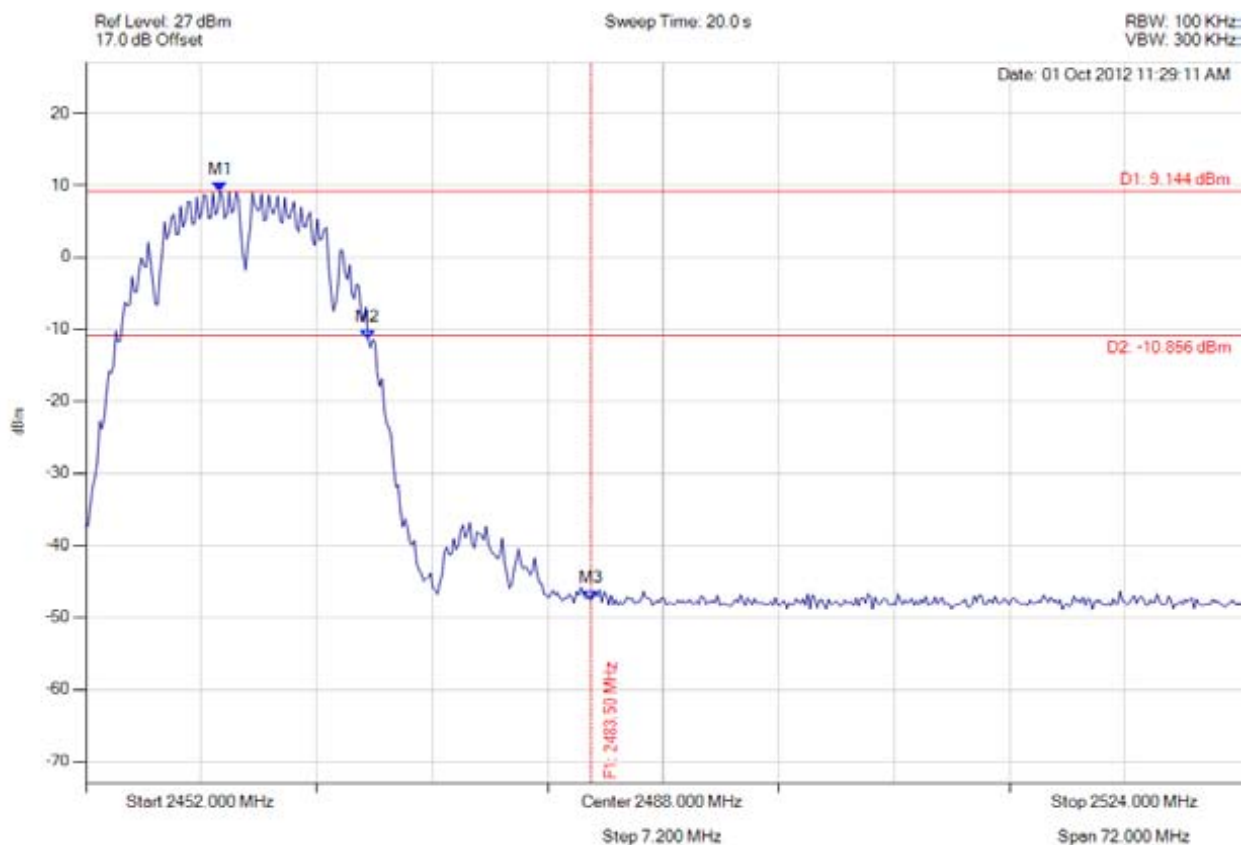


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band-edge

Variant: 802.11b, Channel: 2462.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2460.369 MHz : 9.144 dBm M2 : 2469.603 MHz : -11.316 dBm M3 : 2483.500 MHz : -47.645 dBm	Limit: -10.86 dBm Margin: -36.79 dB

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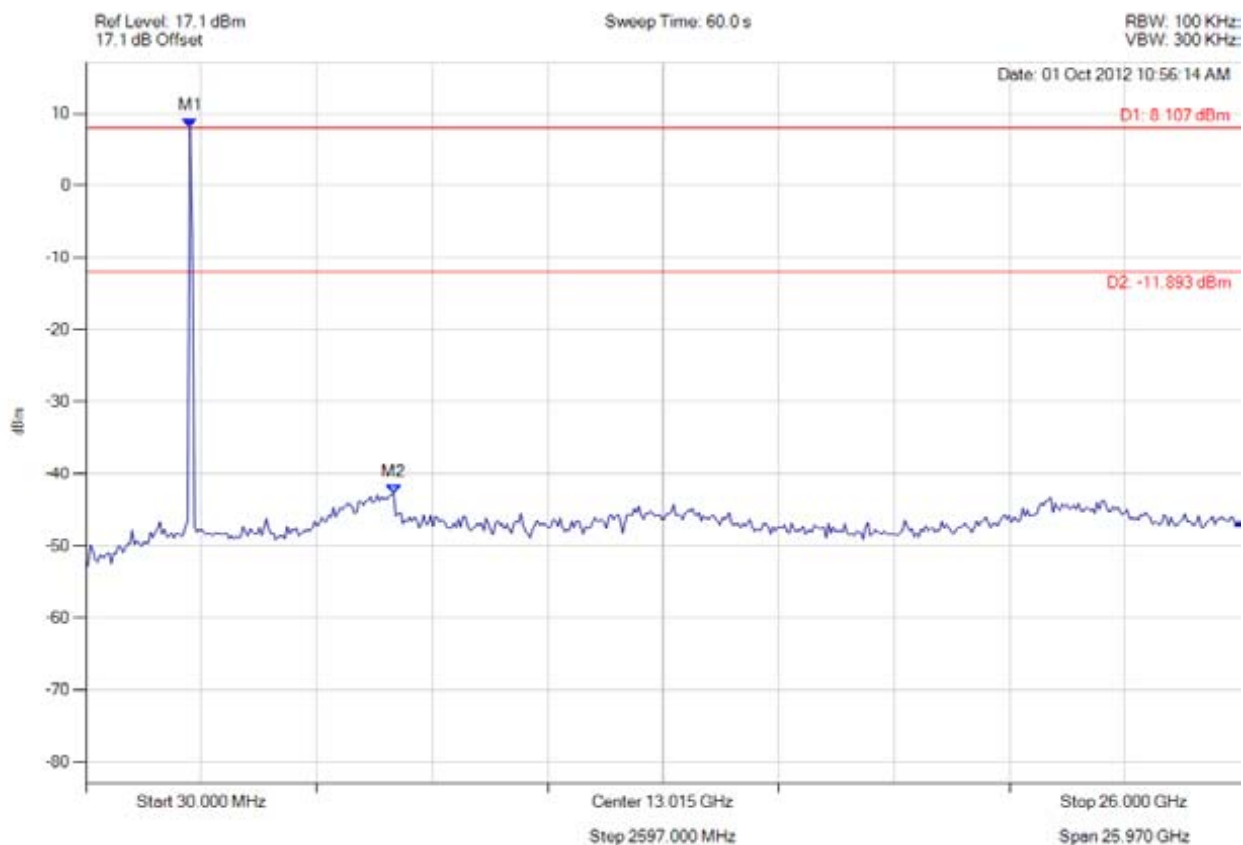


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spurious

Variant: 802.11b, Channel: 2412.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2371.984 MHz : 8.107 dBm M2 : 6951.864 MHz : -42.727 dBm	Limit: -11.89 dBm Margin: -30.84 dB

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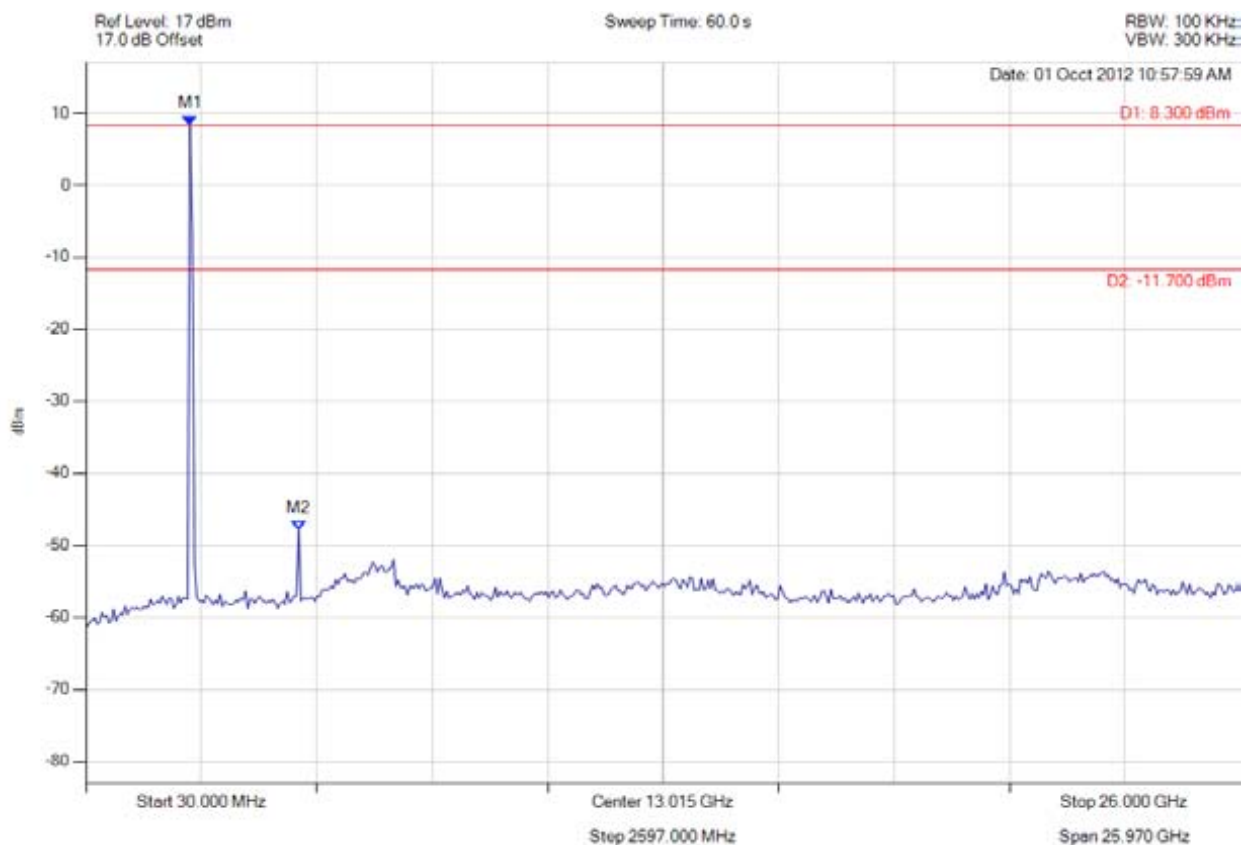


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spurious

Variant: 802.11b, Channel: 2412.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 10 Trace Mode = VIEW	M1 : 2371.984 MHz : 8.300 dBm M2 : 4818.056 MHz : -47.840 dBm	Limit: -11.70 dBm Margin: -36.14 dB

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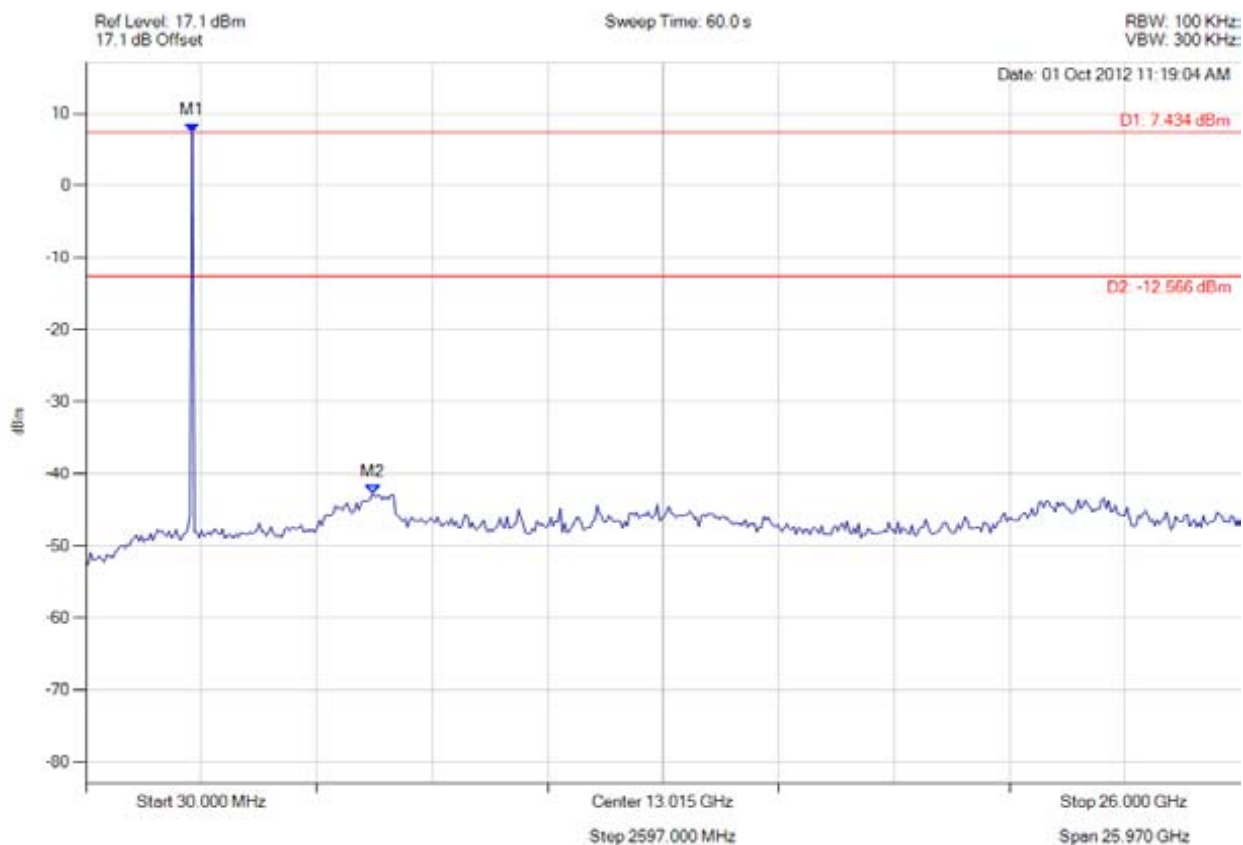


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spurious

Variant: 802.11b, Channel: 2437.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2424.028 MHz : 7.434 dBm M2 : 6483.467 MHz : -42.771 dBm	Limit: -12.57 dBm Margin: -30.20 dB

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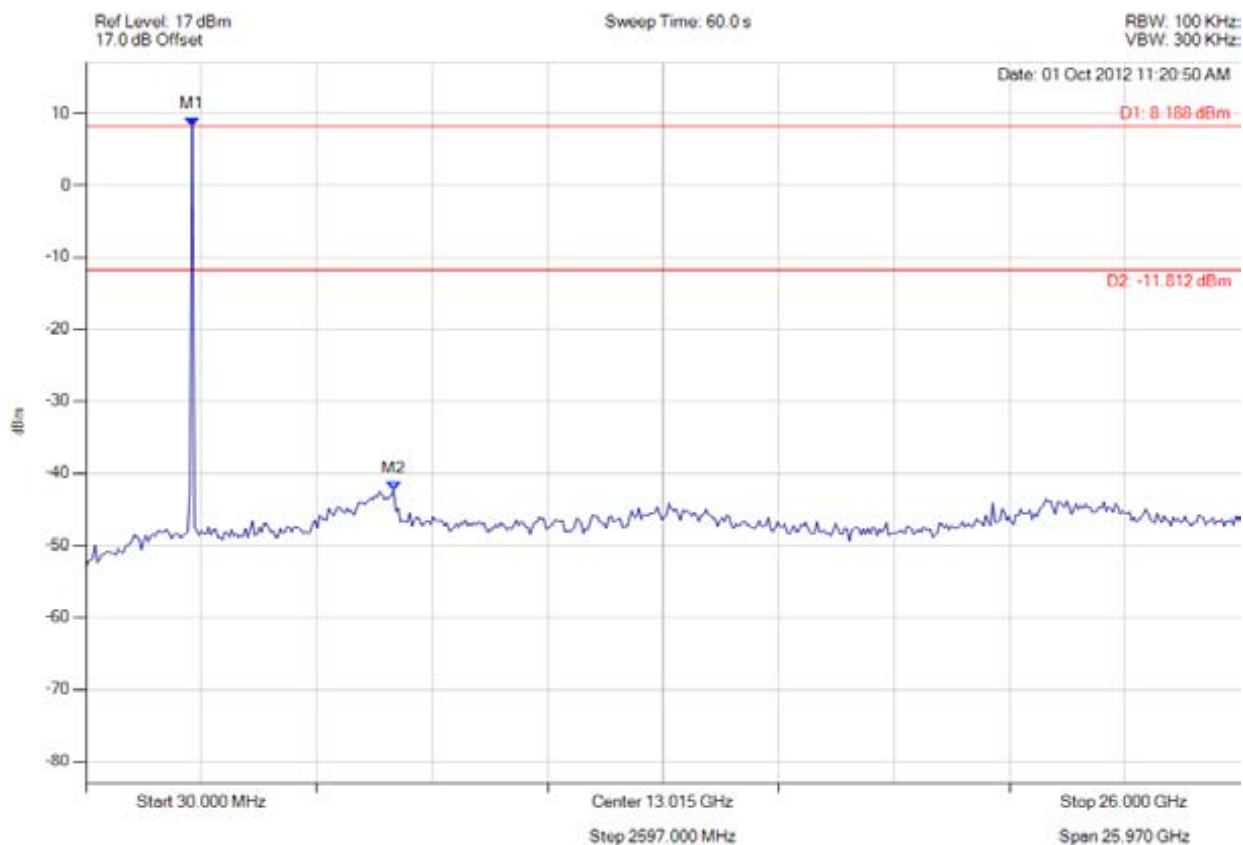


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spurious

Variant: 802.11b, Channel: 2437.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2424.028 MHz : 8.188 dBm M2 : 6951.864 MHz : -42.318 dBm	Limit: -11.81 dBm Margin: -30.51 dB

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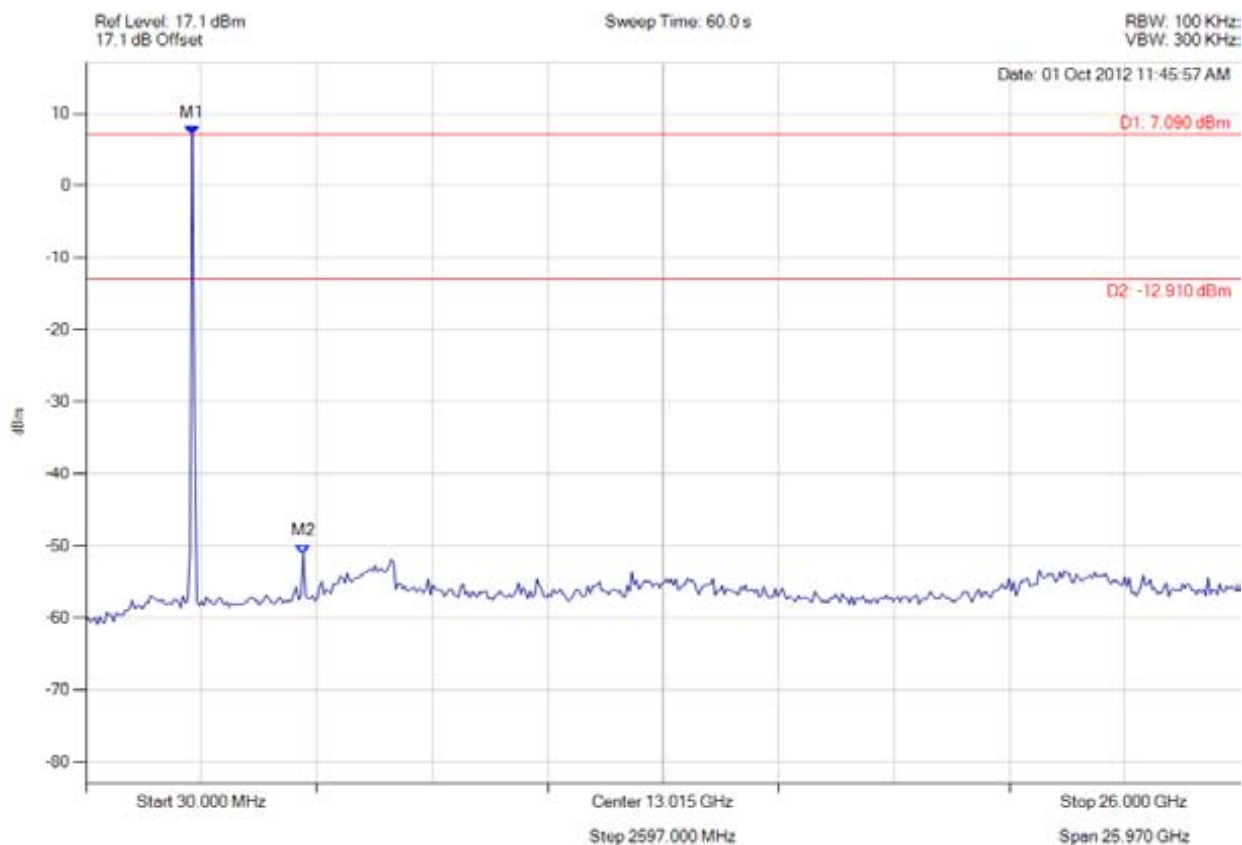


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spurious

Variant: 802.11b, Channel: 2462.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 10 Trace Mode = VIEW	M1 : 2424.028 MHz : 7.090 dBm M2 : 4922.144 MHz : -51.053 dBm	Limit: -12.91 dBm Margin: -38.14 dB

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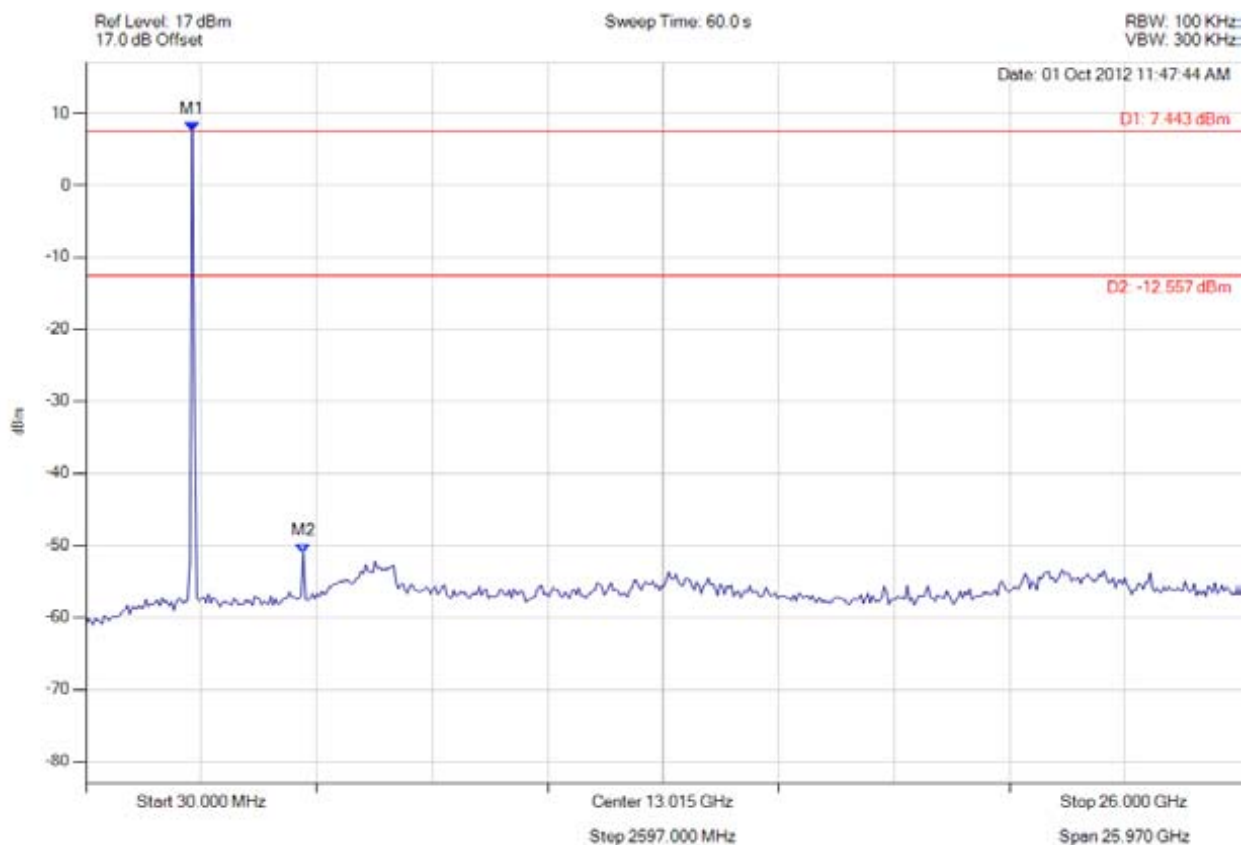


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spurious

Variant: 802.11b, Channel: 2462.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 10 Trace Mode = VIEW	M1 : 2424.028 MHz : 7.443 dBm M2 : 4922.144 MHz : -51.096 dBm	Limit: -12.56 dBm Margin: -38.54 dB

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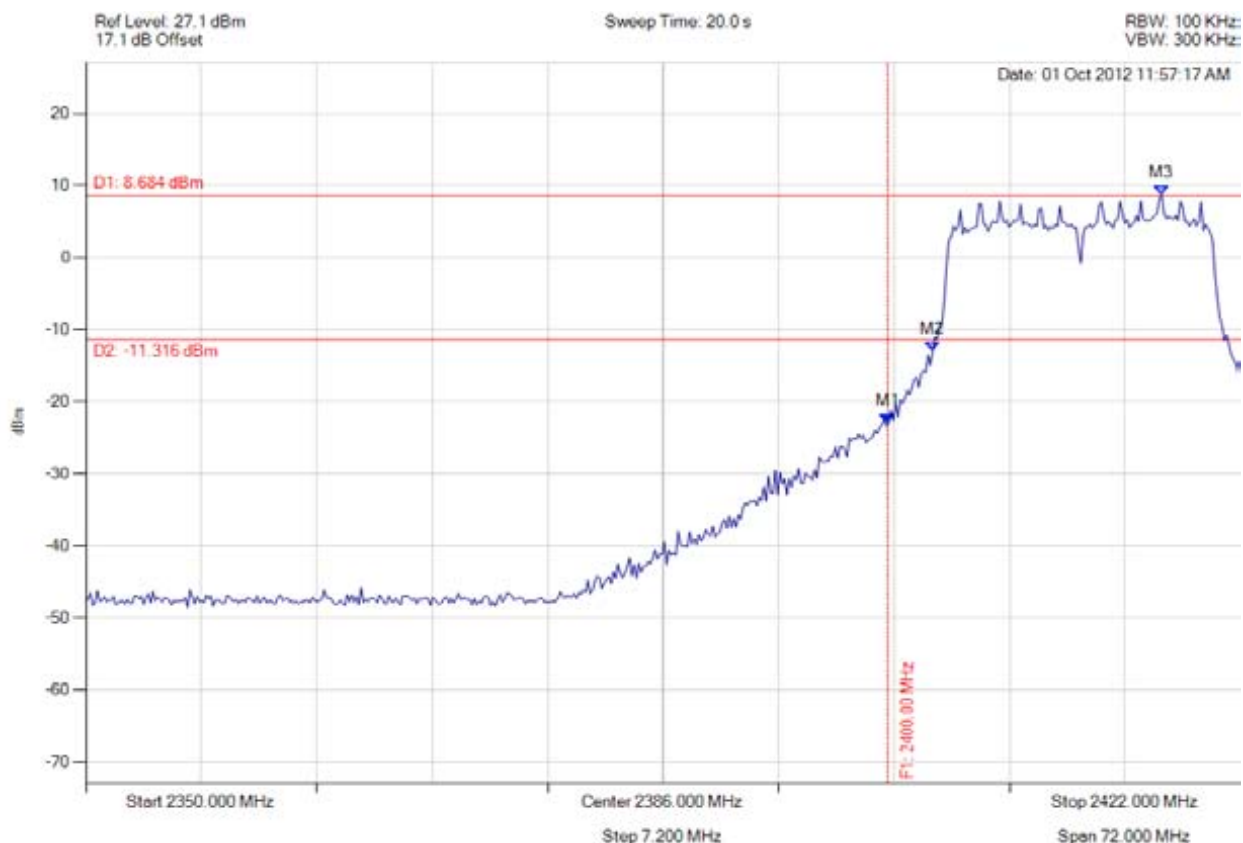


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band-edge

Variant: 802.11g, Channel: 2412.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2400.000 MHz : -22.950 dBm M2 : 2402.810 MHz : -12.979 dBm M3 : 2417.094 MHz : 8.684 dBm	Limit: -11.32 dBm Margin: -11.63 dB

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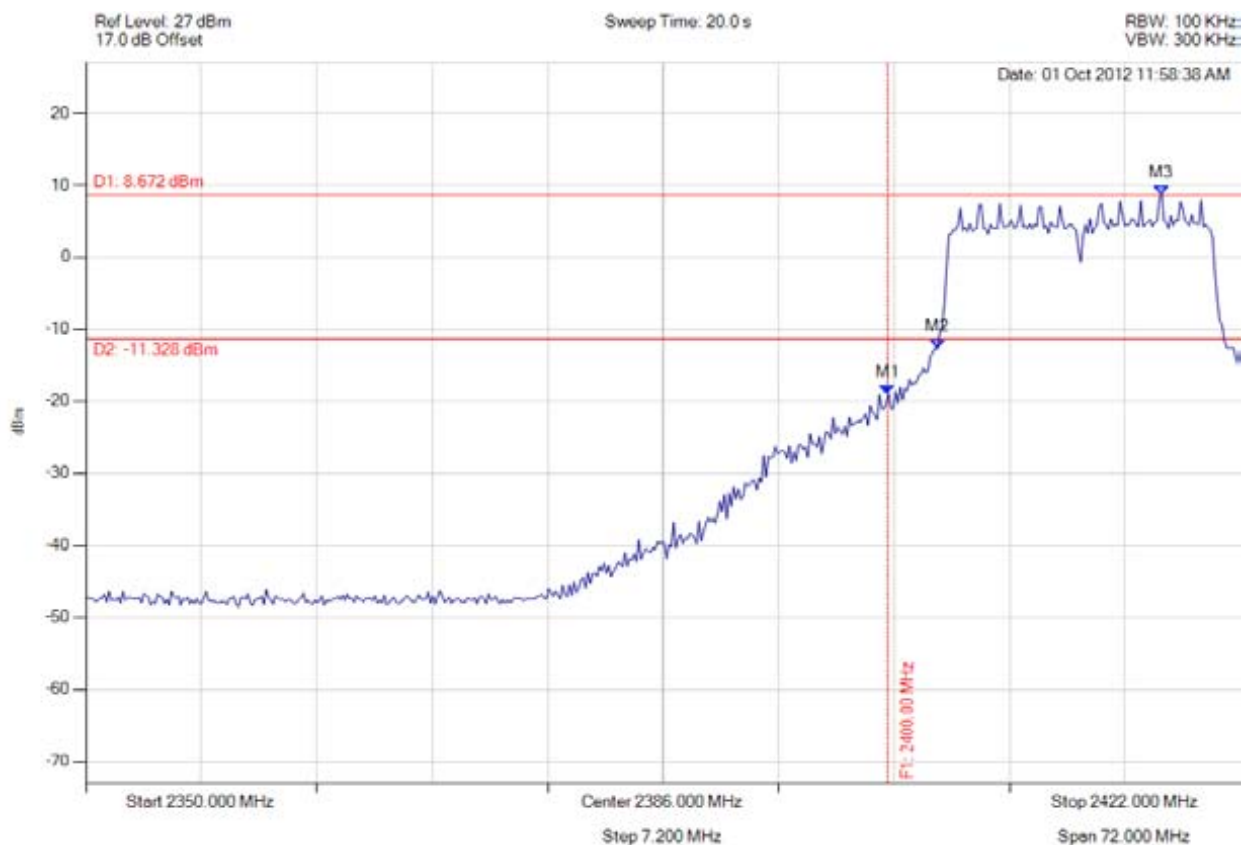


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band-edge

Variant: 802.11g, Channel: 2412.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2400.000 MHz : -19.018 dBm M2 : 2403.098 MHz : -12.780 dBm M3 : 2417.094 MHz : 8.672 dBm	Limit: -11.33 dBm Margin: -7.69 dB

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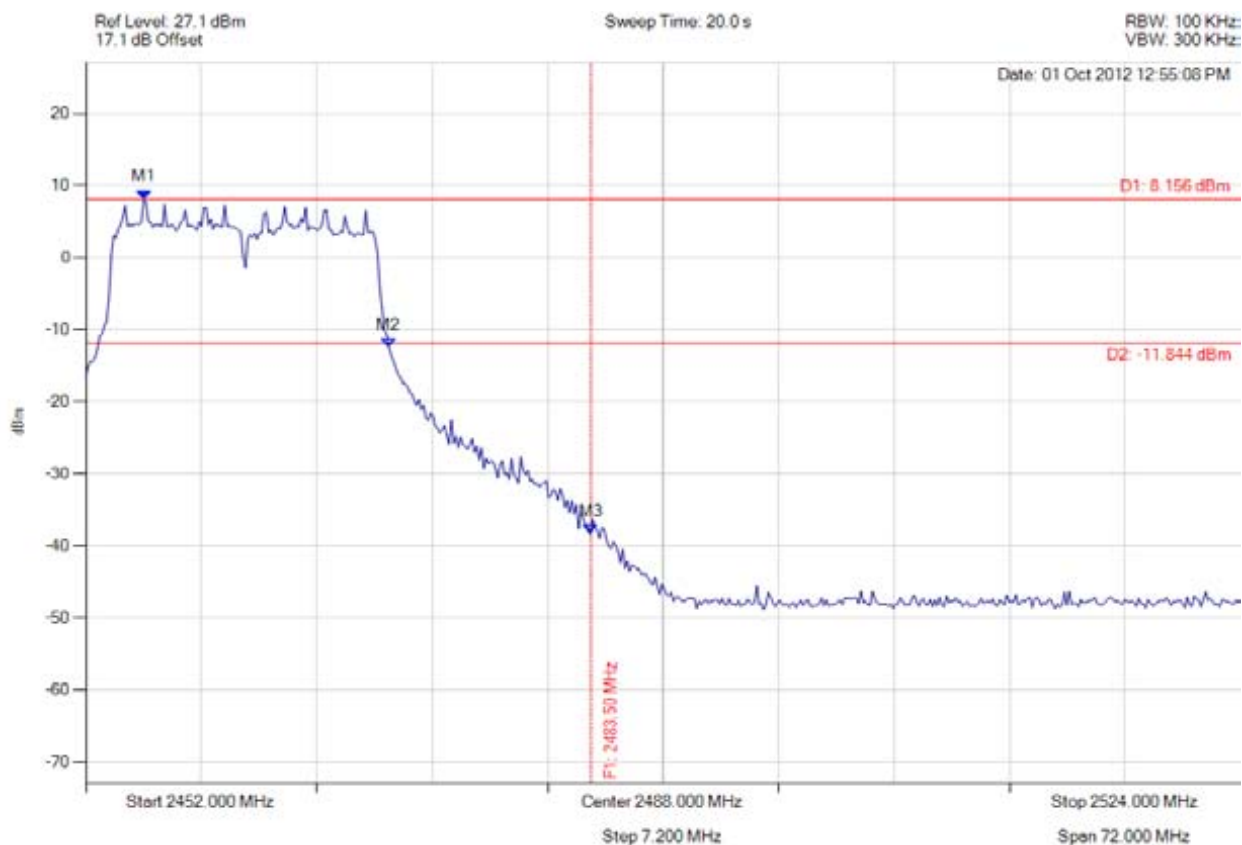


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band-edge

Variant: 802.11g, Channel: 2462.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2455.607 MHz : 8.156 dBm M2 : 2470.902 MHz : -12.475 dBm M3 : 2483.500 MHz : -38.346 dBm	Limit: -11.84 dBm Margin: -26.51 dB

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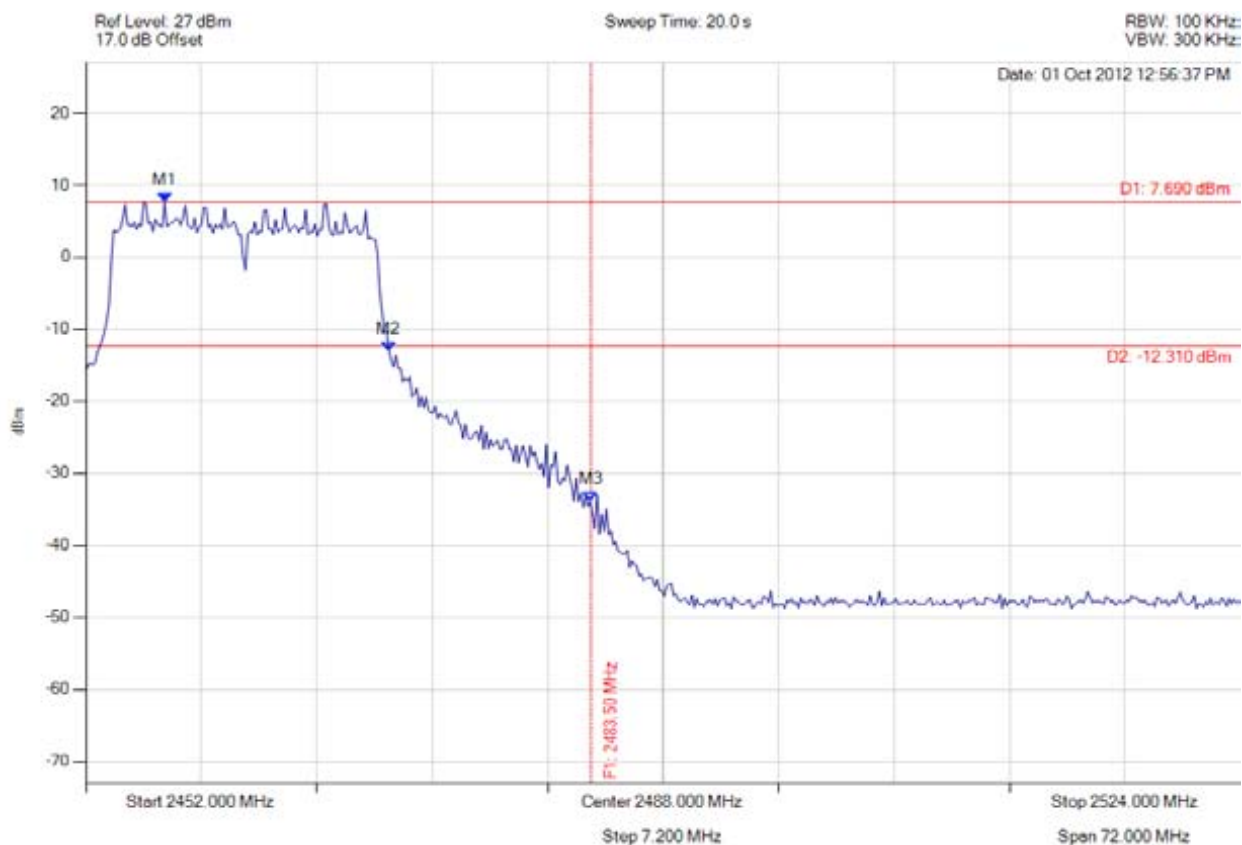


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band-edge

Variant: 802.11g, Channel: 2462.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2456.906 MHz : 7.690 dBm M2 : 2470.902 MHz : -13.020 dBm M3 : 2483.500 MHz : -33.917 dBm	Limit: -12.31 dBm Margin: -21.61 dB

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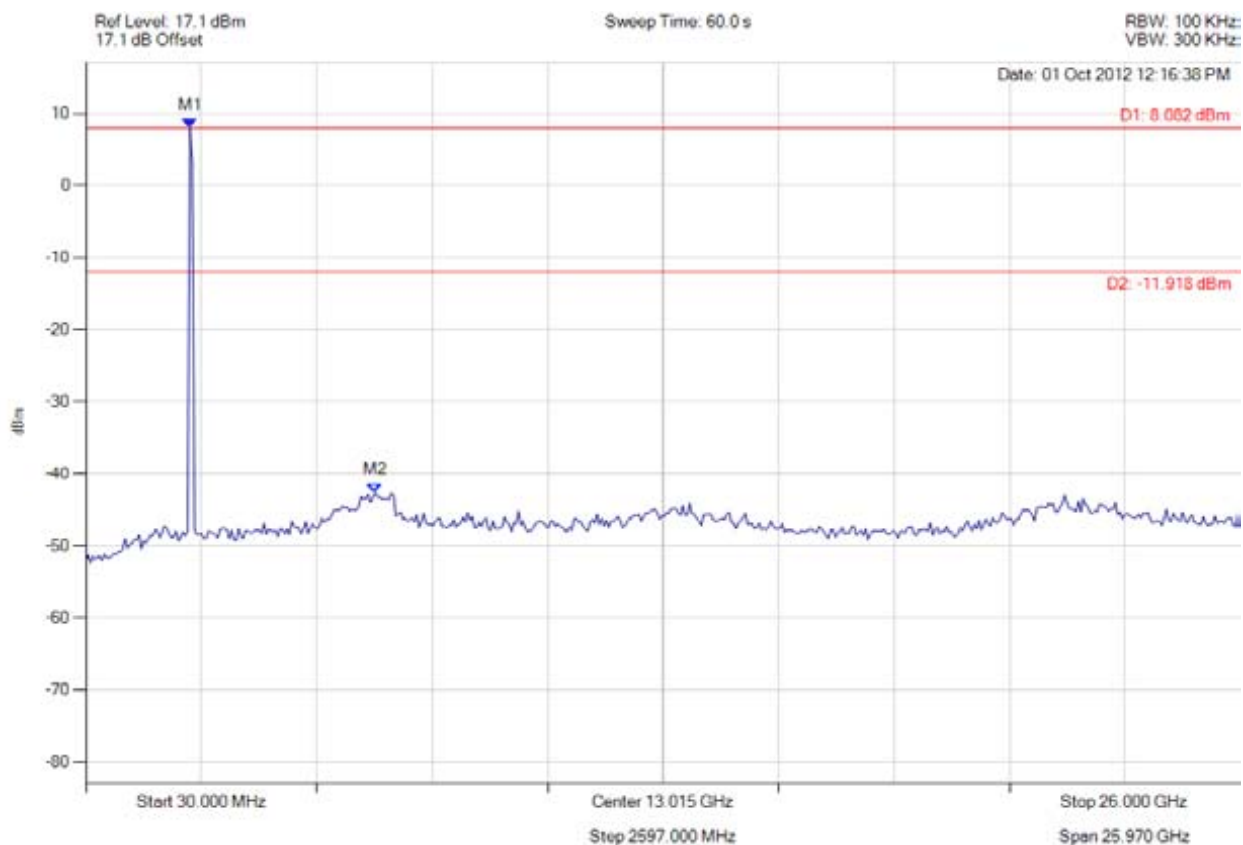


Title: Aruba Networks APINR108, APINR109 Wireless AP
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spurious

Variant: 802.11g, Channel: 2412.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2371.984 MHz : 8.082 dBm M2 : 6535.511 MHz : -42.542 dBm	Limit: -11.92 dBm Margin: -30.62 dB

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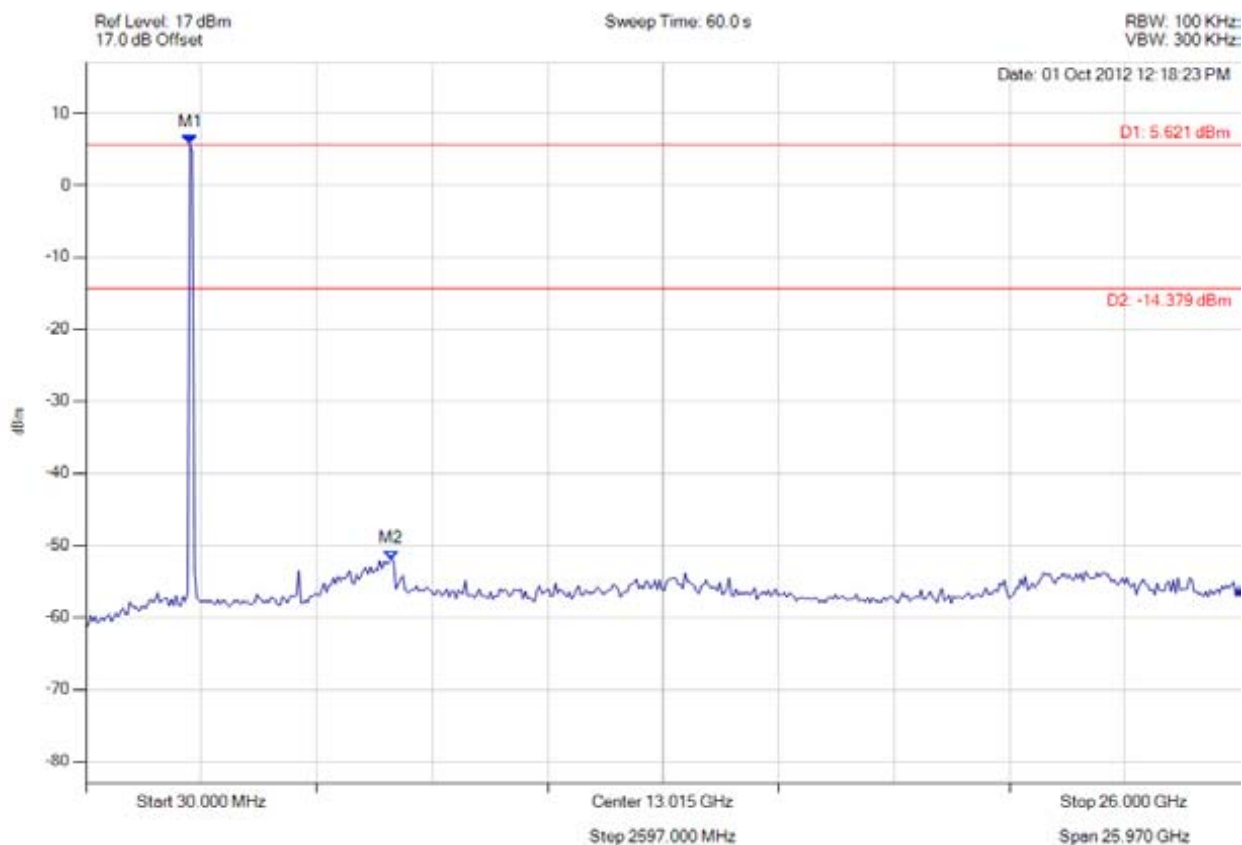


Title: Aruba Networks APINR108, APINR109 Wireless AP
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spurious

Variant: 802.11g, Channel: 2412.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 10 Trace Mode = VIEW	M1 : 2371.984 MHz : 5.621 dBm M2 : 6899.820 MHz : -52.009 dBm	Limit: -14.38 dBm Margin: -37.63 dB

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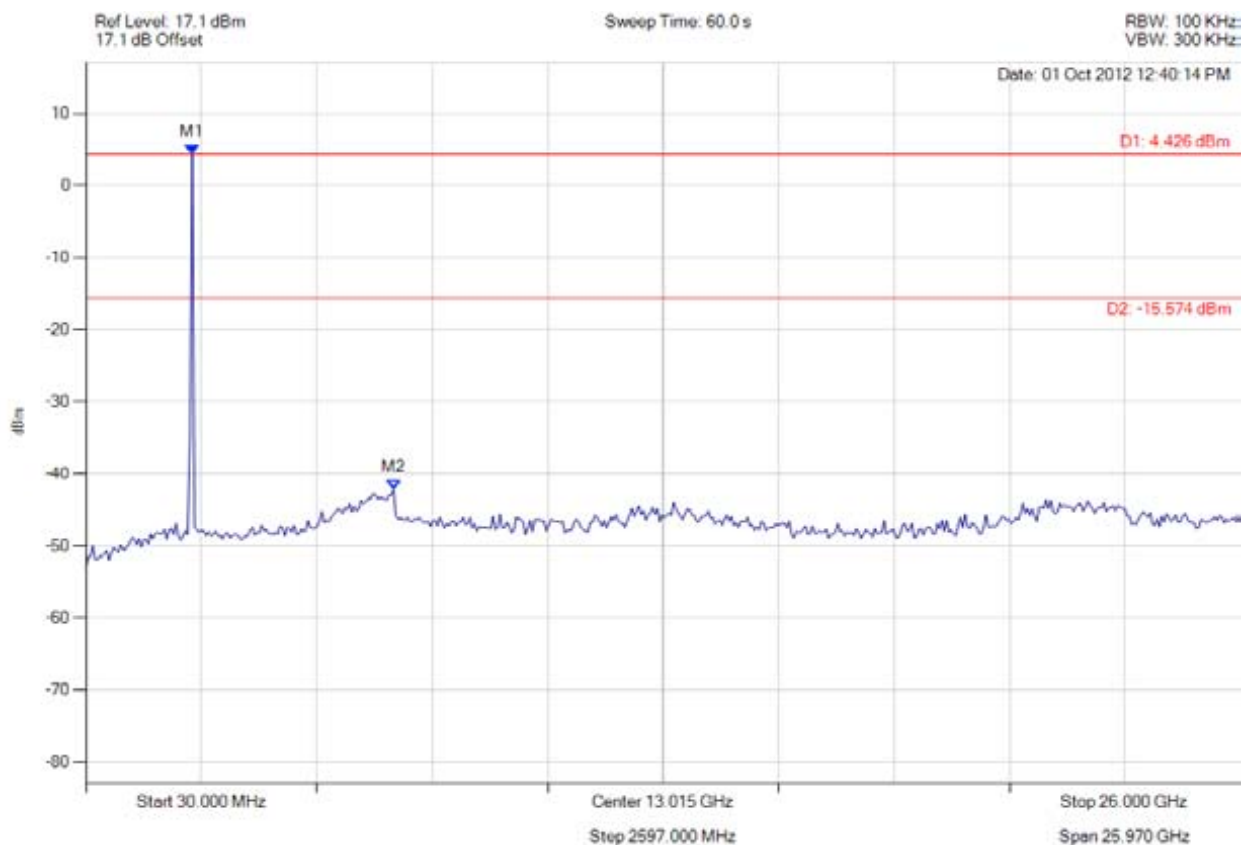


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spurious

Variant: 802.11g, Channel: 2437.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2424.028 MHz : 4.426 dBm M2 : 6951.864 MHz : -42.068 dBm	Limit: -15.57 dBm Margin: -26.50 dB

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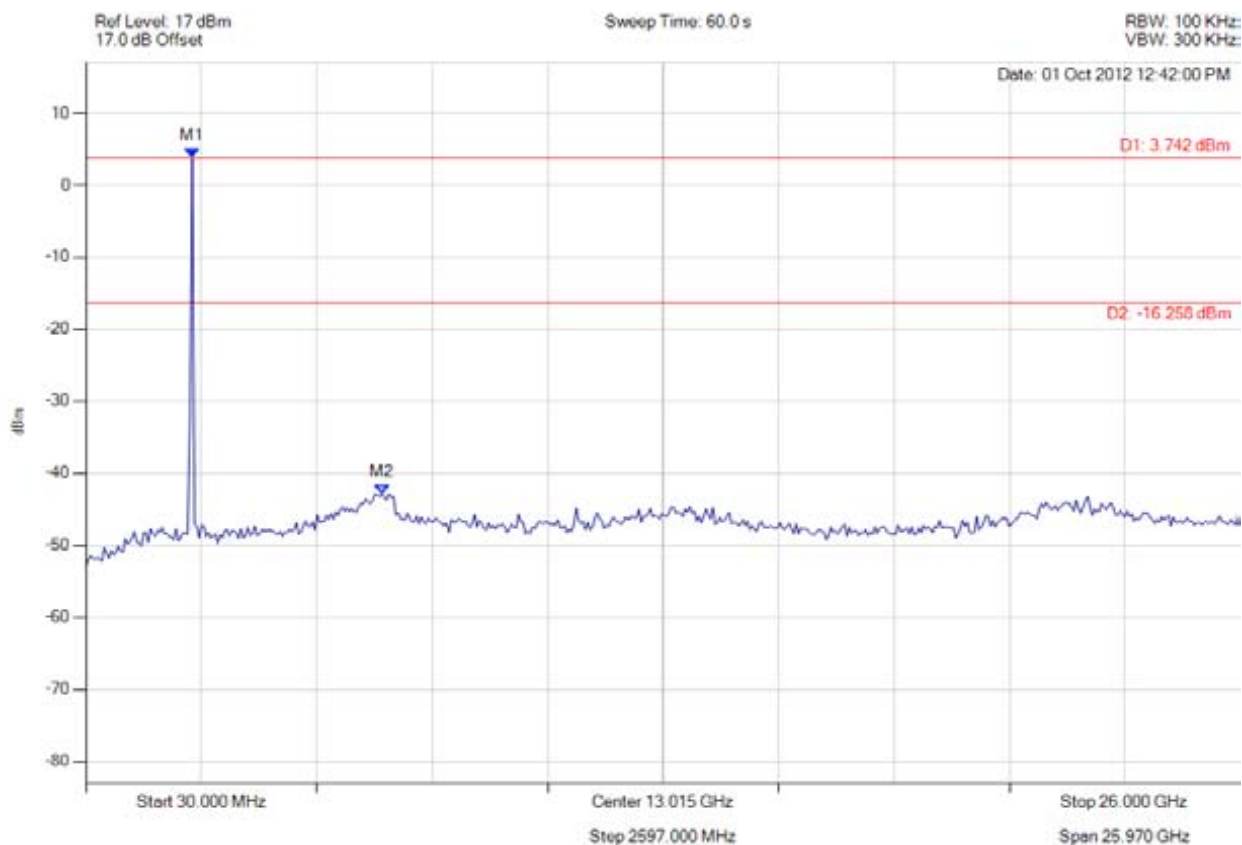


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Variant: 802.11g, Channel: 2437.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2424.028 MHz : 3.742 dBm M2 : 6691.643 MHz : -42.825 dBm	Limit: -16.26 dBm Margin: -26.57 dB

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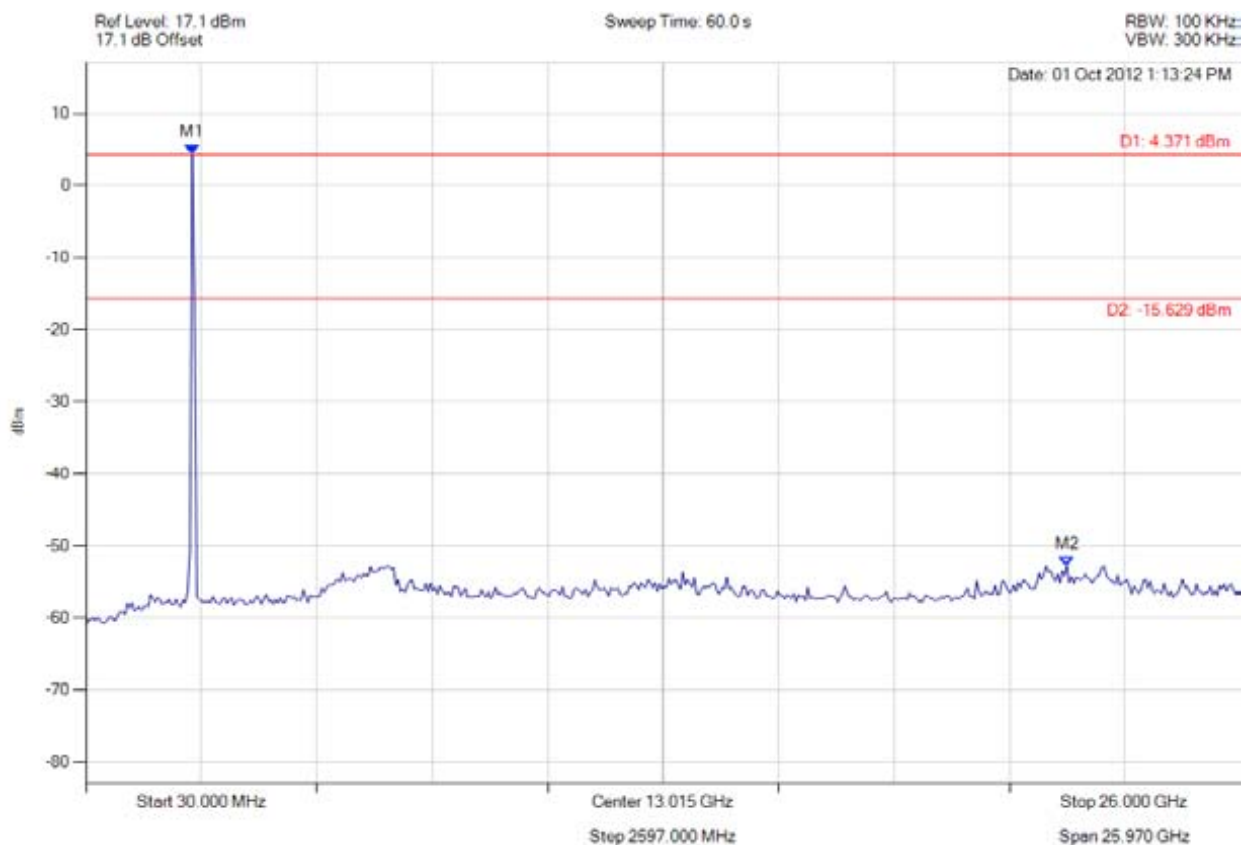


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spurious

Variant: 802.11g, Channel: 2462.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 10 Trace Mode = VIEW	M1 : 2424.028 MHz : 4.371 dBm M2 : 22.097 GHz : -52.755 dBm	Limit: -15.63 dBm Margin: -37.13 dB

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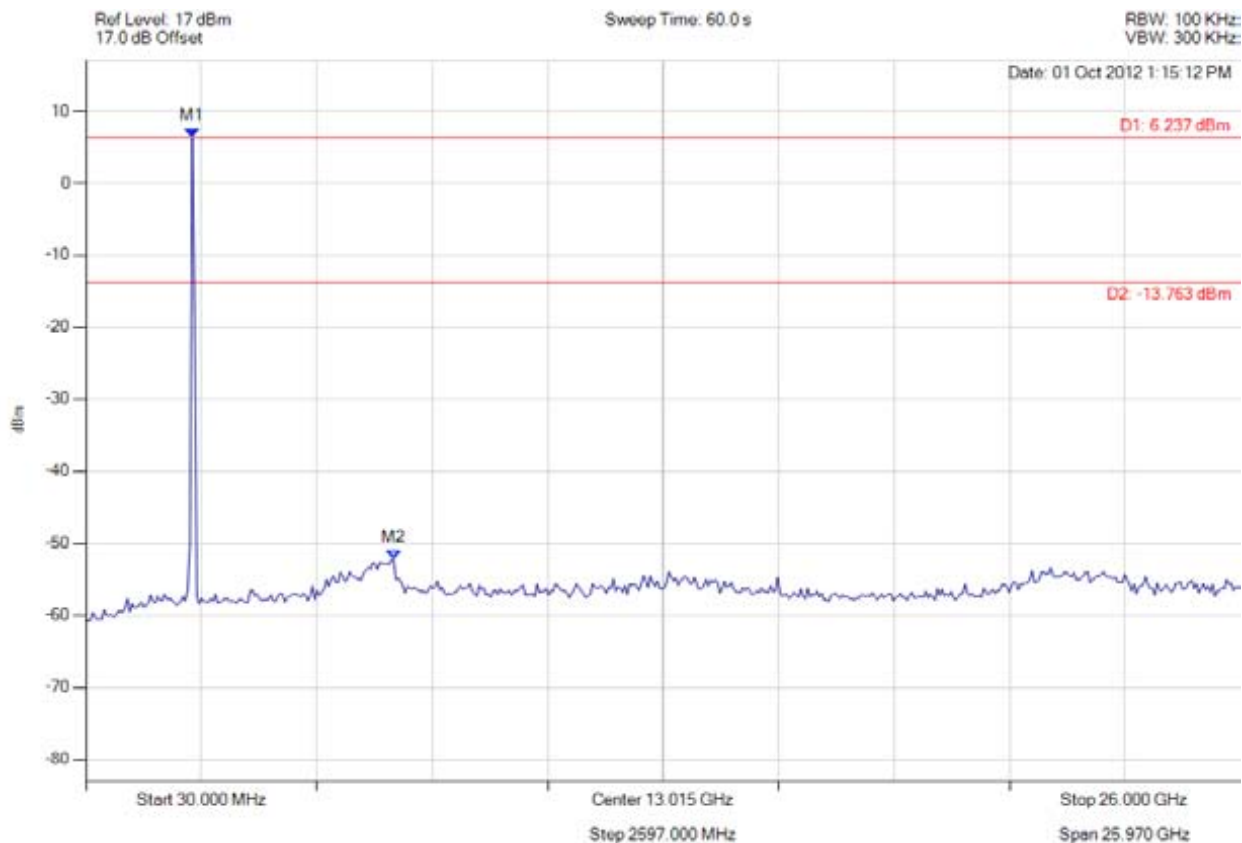


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spurious

Variant: 802.11g, Channel: 2462.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 10 Trace Mode = VIEW	M1 : 2424.028 MHz : 6.237 dBm M2 : 6951.864 MHz : -52.192 dBm	Limit: -13.76 dBm Margin: -38.43 dB

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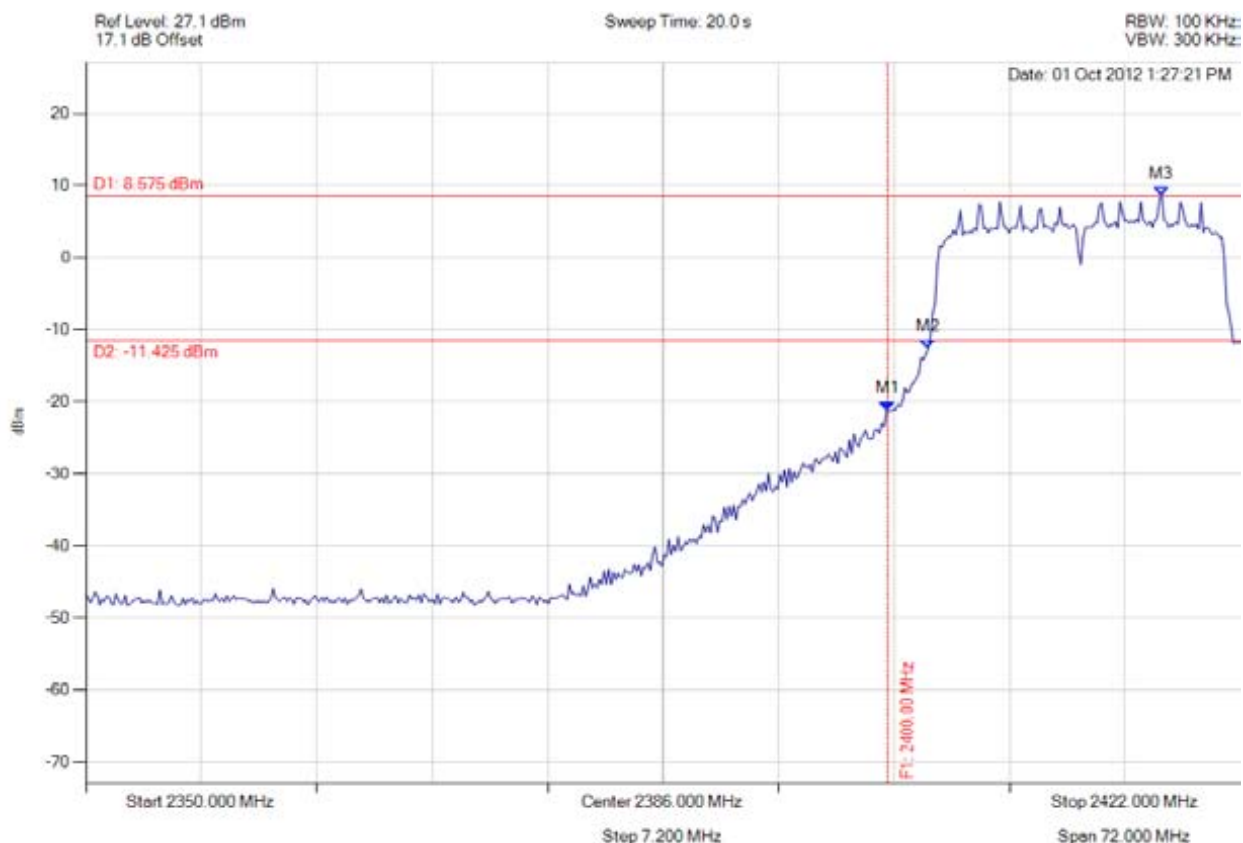


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band-edge

Variant: 802.11n HT-20, Channel: 2412.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2400.000 MHz : -21.208 dBm M2 : 2402.521 MHz : -12.676 dBm M3 : 2417.094 MHz : 8.575 dBm	Limit: -11.43 dBm Margin: -9.78 dB

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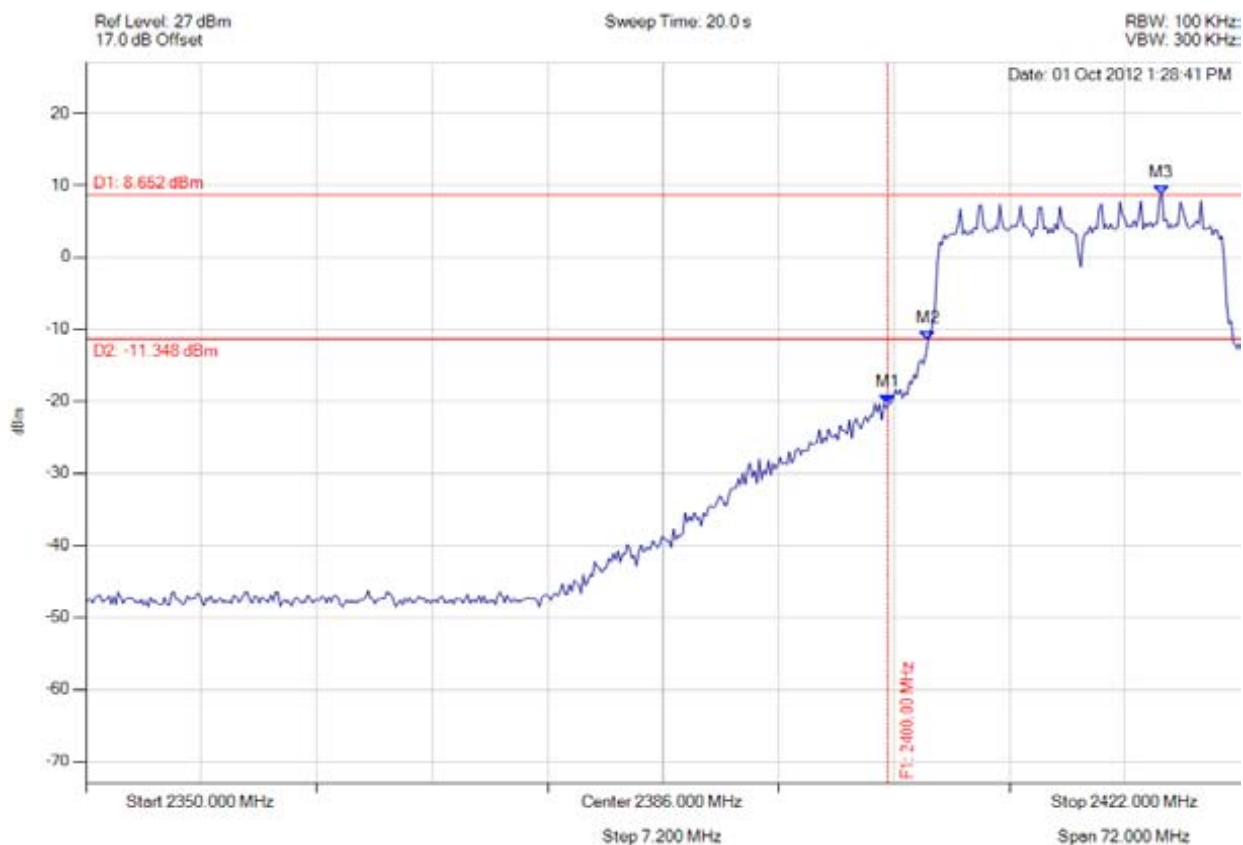


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band-edge

Variant: 802.11n HT-20, Channel: 2412.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2400.000 MHz : -20.396 dBm M2 : 2402.521 MHz : -11.572 dBm M3 : 2417.094 MHz : 8.652 dBm	Limit: -11.35 dBm Margin: -9.05 dB

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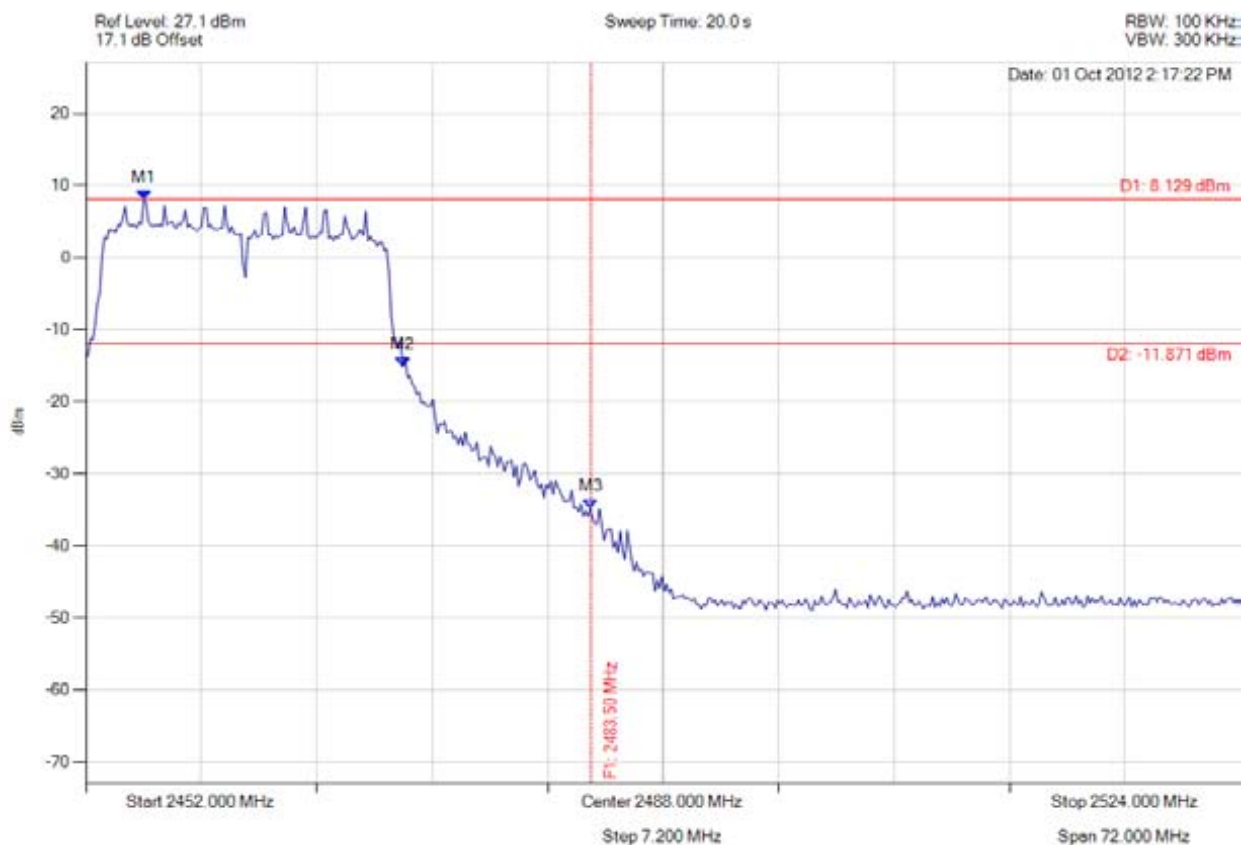


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band-edge

Variant: 802.11n HT-20, Channel: 2462.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2455.607 MHz : 8.129 dBm M2 : 2471.768 MHz : -15.116 dBm M3 : 2483.500 MHz : -34.748 dBm	Limit: -11.87 dBm Margin: -22.88 dB

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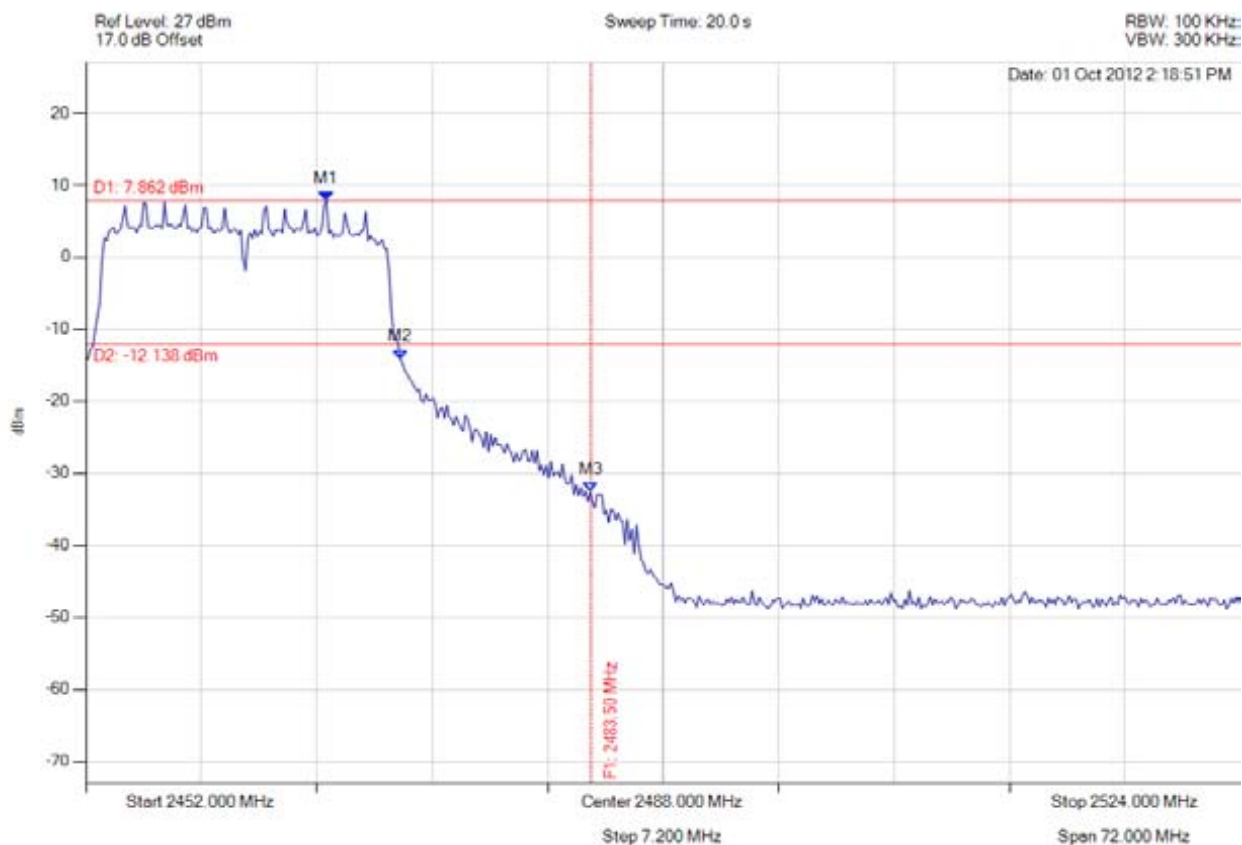


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band-edge

Variant: 802.11n HT-20, Channel: 2462.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2467.006 MHz : 7.862 dBm M2 : 2471.623 MHz : -14.122 dBm M3 : 2483.500 MHz : -32.572 dBm	Limit: -12.14 dBm Margin: -20.43 dB

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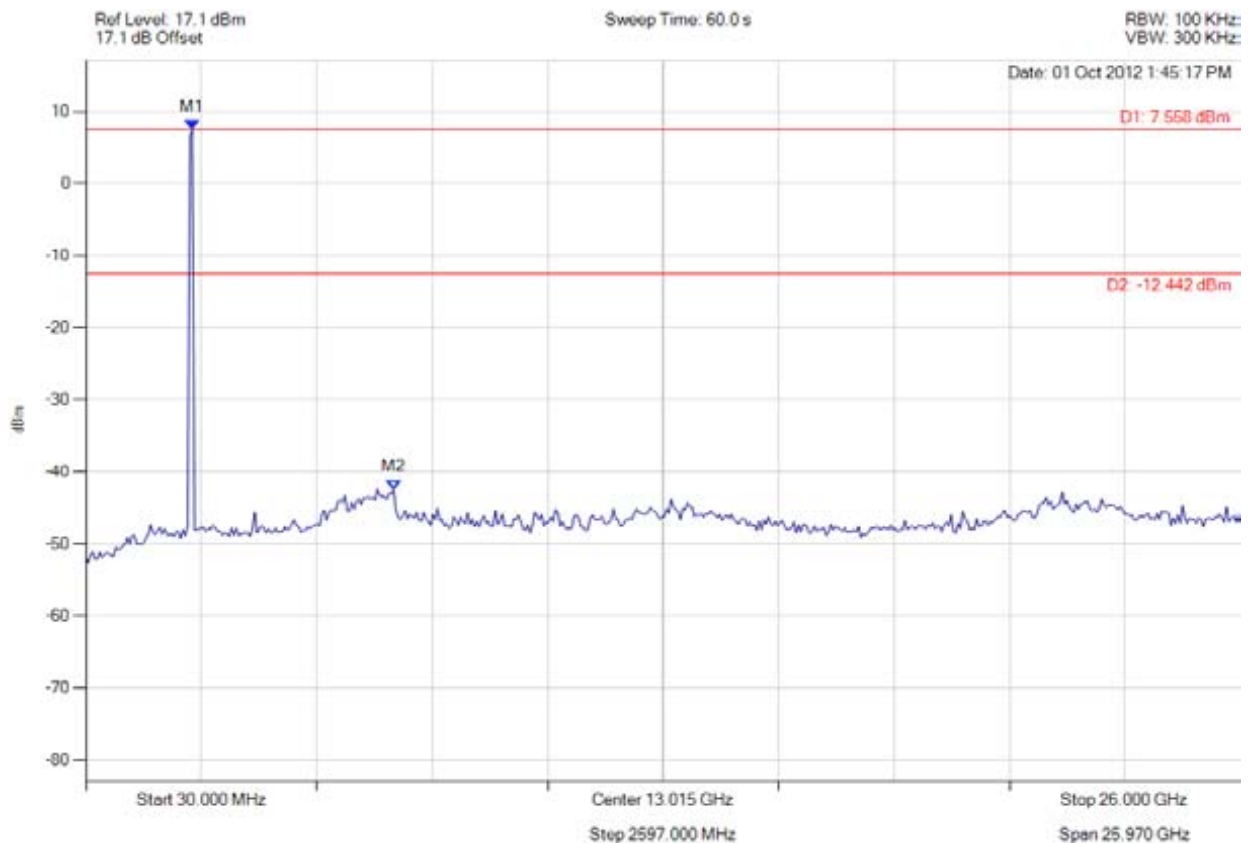


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spurious

Variant: 802.11n HT-20, Channel: 2412.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2424.028 MHz : 7.558 dBm M2 : 6951.864 MHz : -42.375 dBm	Limit: -12.44 dBm Margin: -29.94 dB

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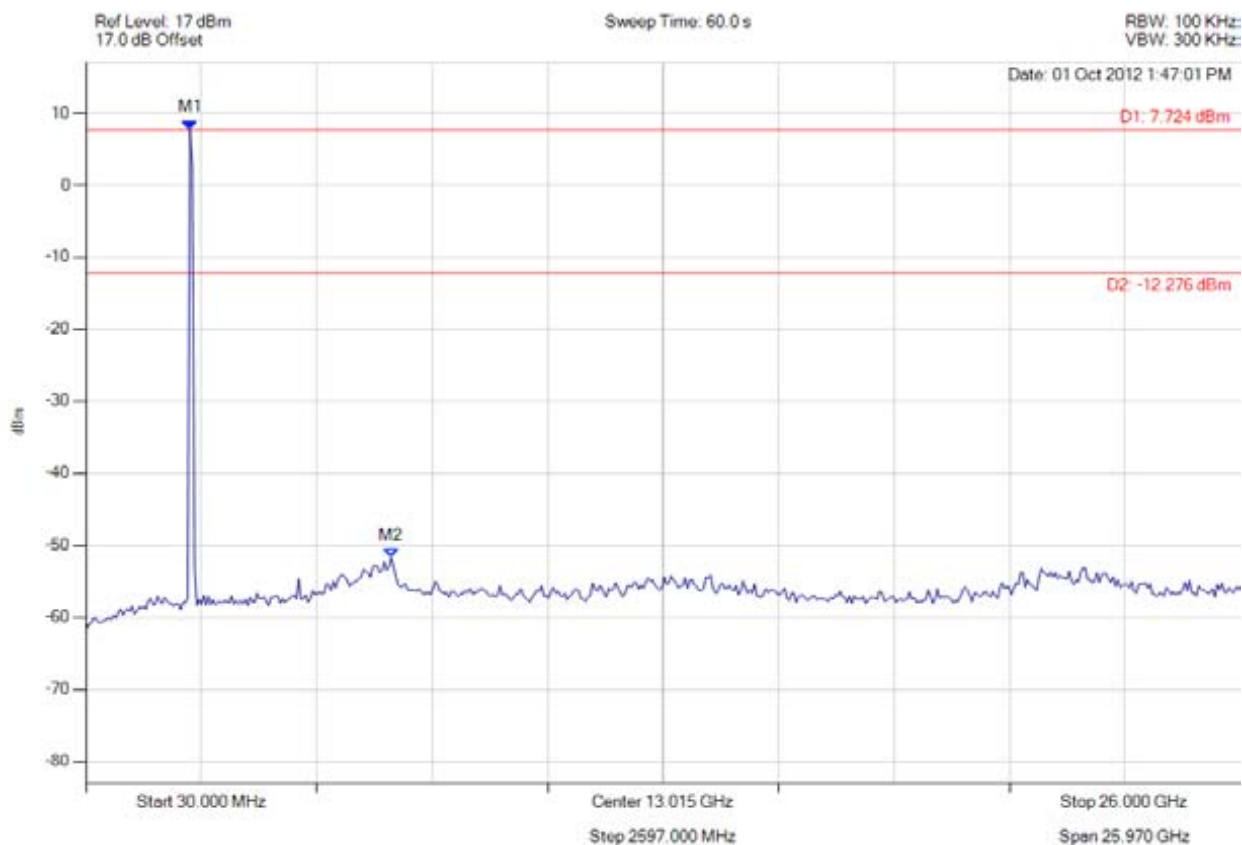


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Variant: 802.11n HT-20, Channel: 2412.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 10 Trace Mode = VIEW	M1 : 2371.984 MHz : 7.724 dBm M2 : 6899.820 MHz : -51.728 dBm	Limit: -12.28 dBm Margin: -39.45 dB

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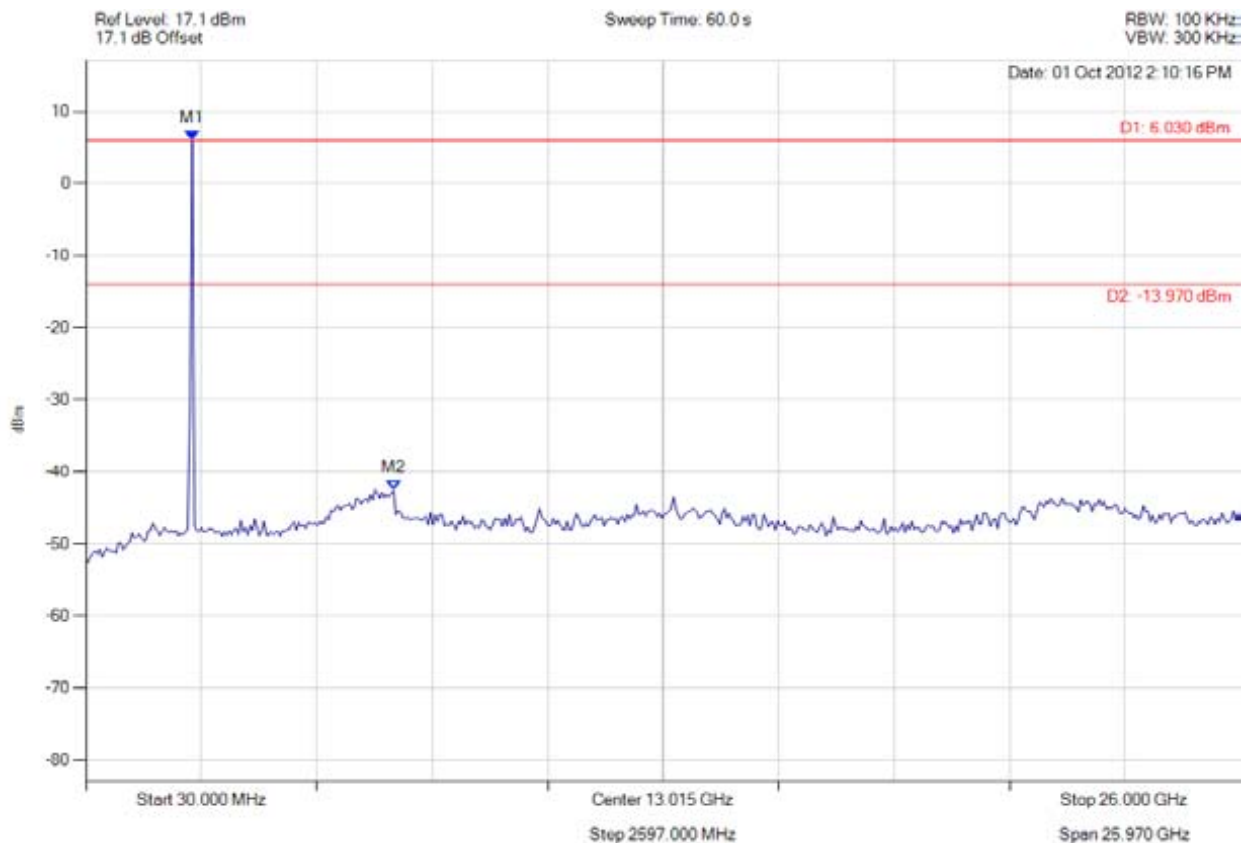


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Variant: 802.11n HT-20, Channel: 2437.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2424.028 MHz : 6.030 dBm M2 : 6951.864 MHz : -42.501 dBm	Limit: -13.97 dBm Margin: -28.53 dB

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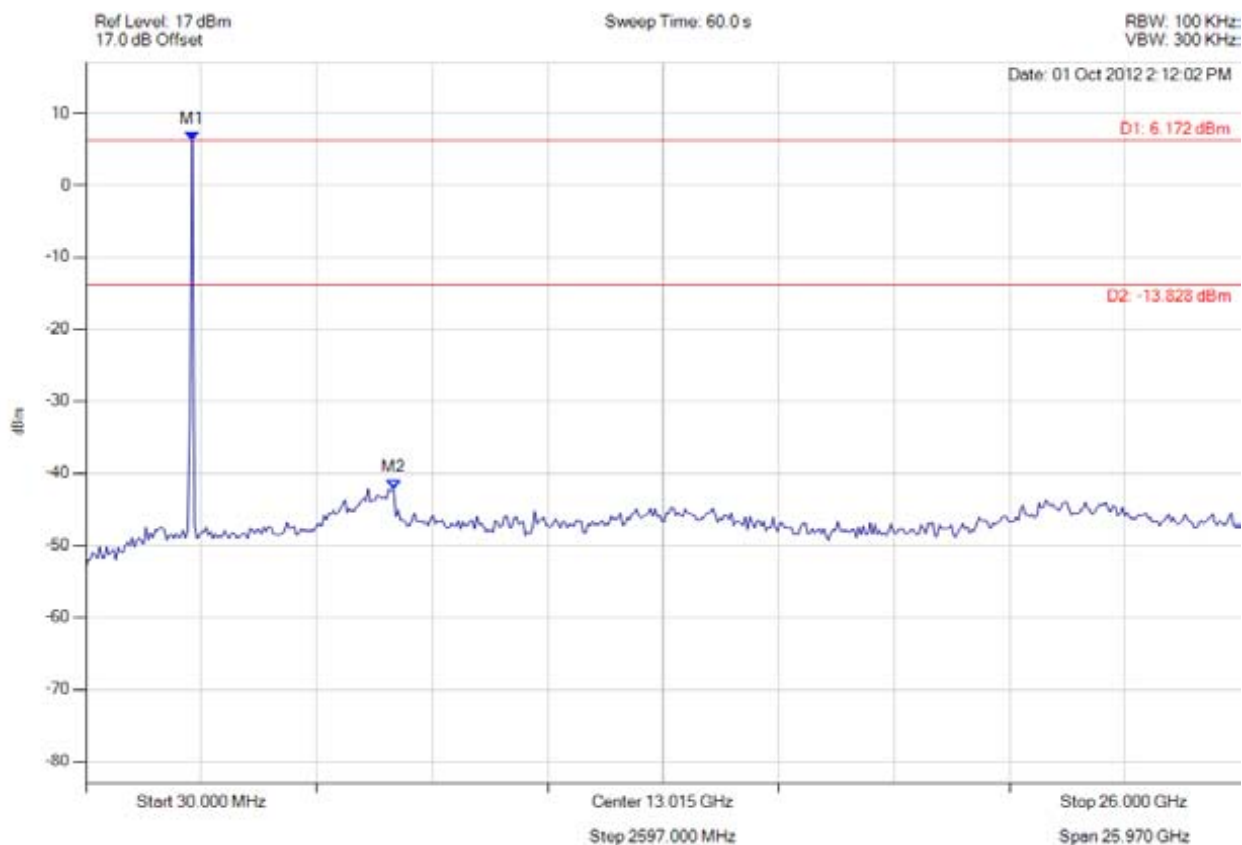


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Variant: 802.11n HT-20, Channel: 2437.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2424.028 MHz : 6.172 dBm M2 : 6951.864 MHz : -42.158 dBm	Limit: -13.83 dBm Margin: -28.33 dB

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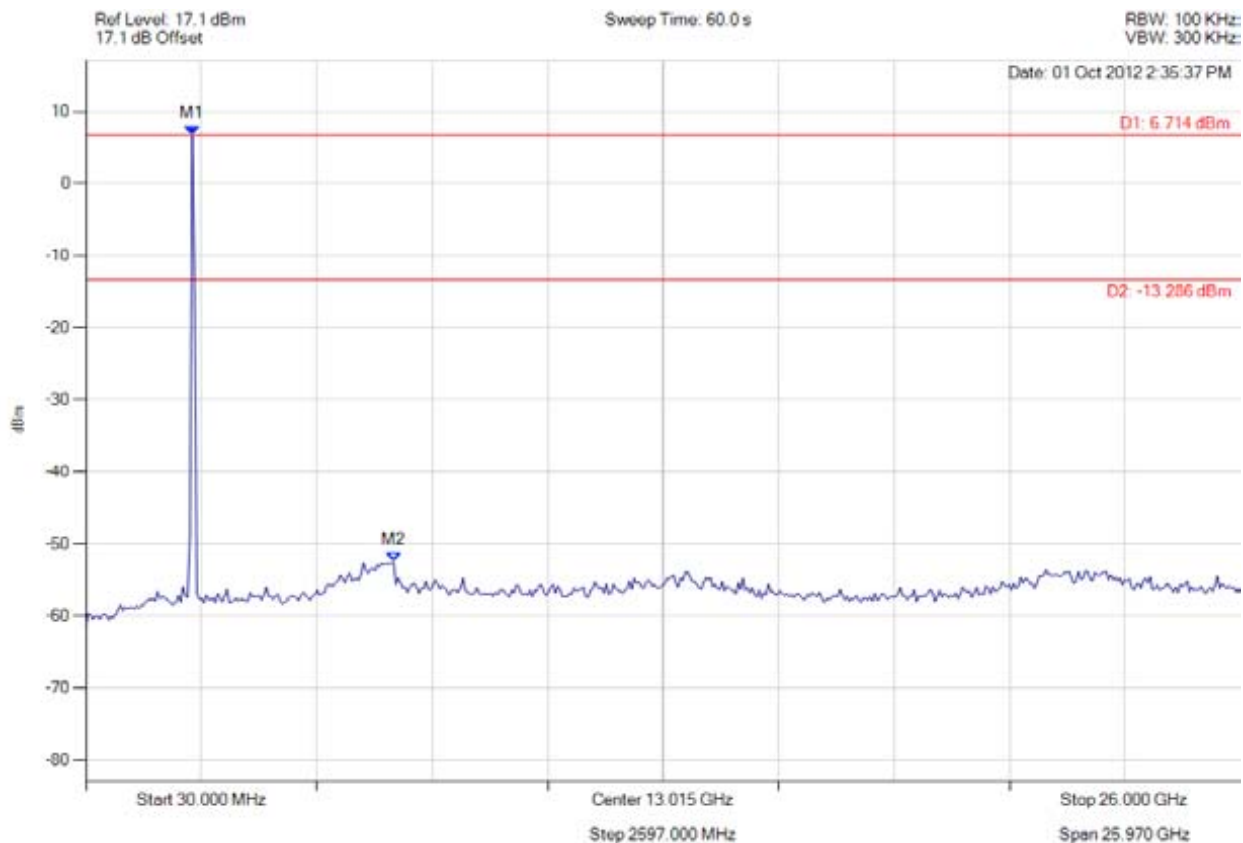


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Variant: 802.11n HT-20, Channel: 2462.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 10 Trace Mode = VIEW	M1 : 2424.028 MHz : 6.714 dBm M2 : 6951.864 MHz : -52.515 dBm	Limit: -13.29 dBm Margin: -39.23 dB

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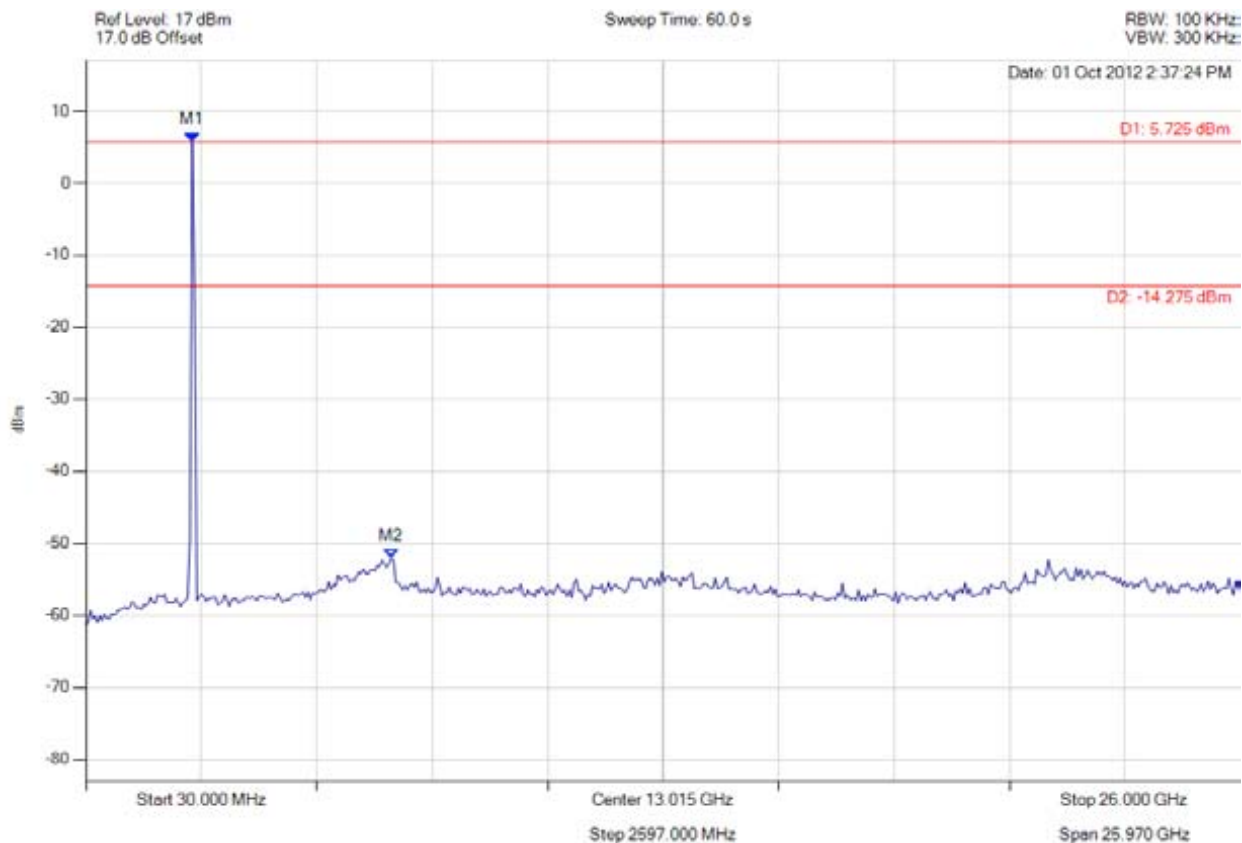


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Variant: 802.11n HT-20, Channel: 2462.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 10 Trace Mode = VIEW	M1 : 2424.028 MHz : 5.725 dBm M2 : 6899.820 MHz : -52.066 dBm	Limit: -14.28 dBm Margin: -37.79 dB

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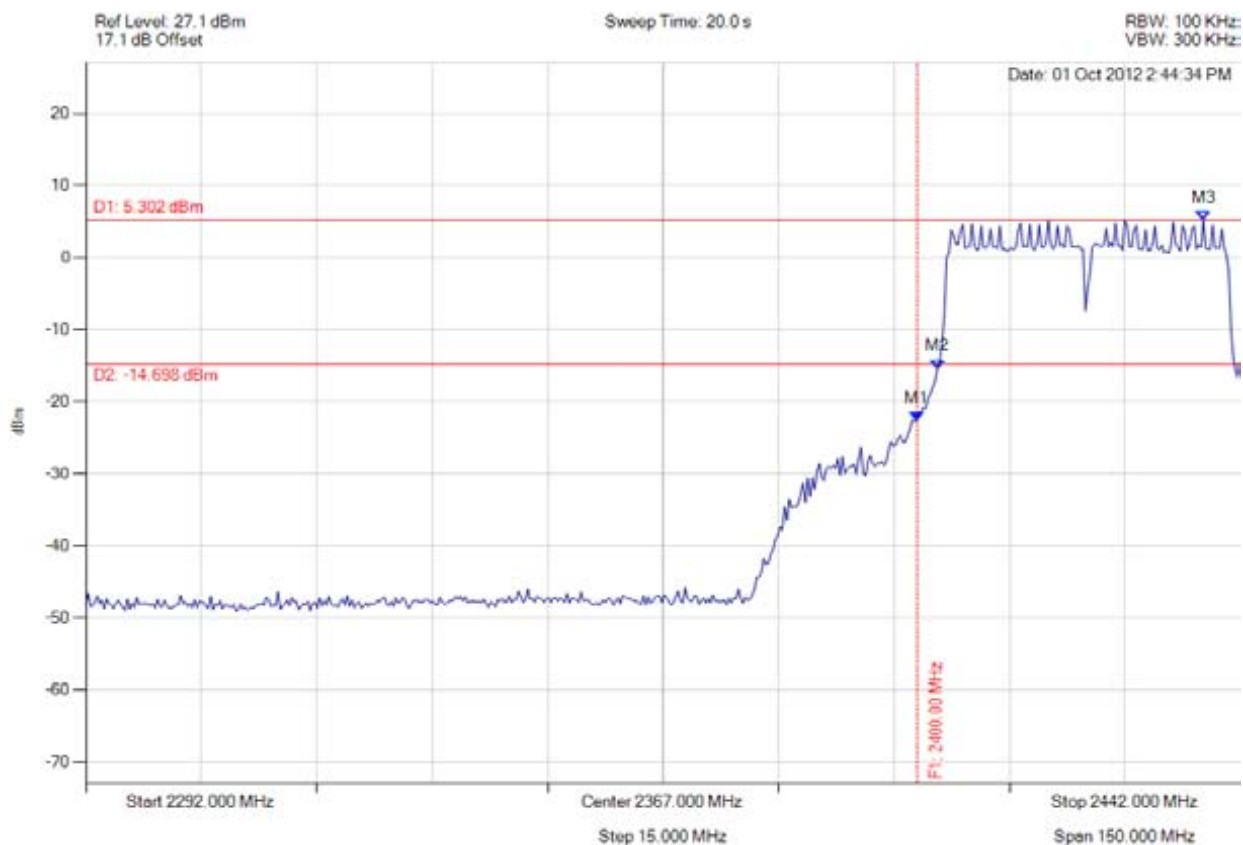


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band-edge

Variant: 802.11n HT-40, Channel: 2422.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2400.000 MHz : -22.627 dBm M2 : 2402.621 MHz : -15.369 dBm M3 : 2437.190 MHz : 5.302 dBm	Limit: -14.70 dBm Margin: -7.93 dB

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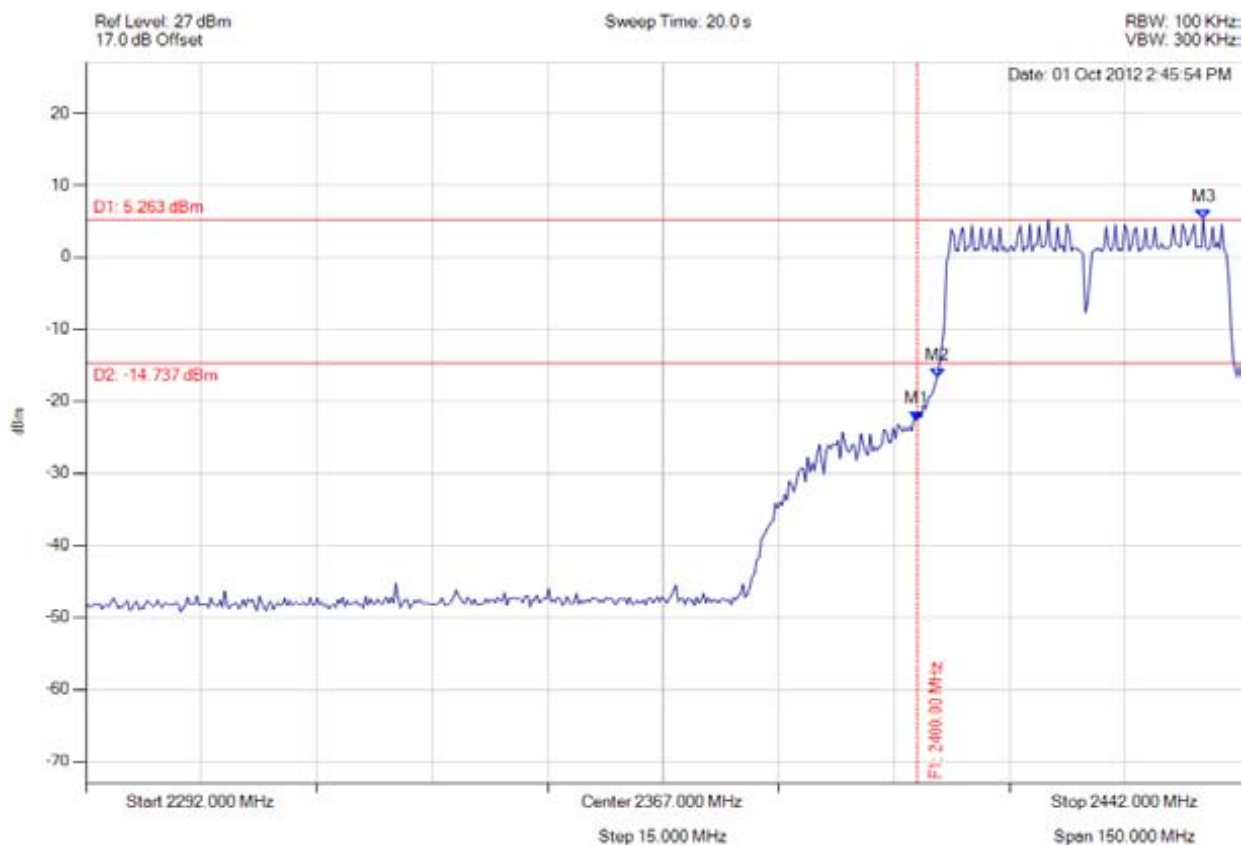


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band-edge

Variant: 802.11n HT-40, Channel: 2422.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2400.000 MHz : -22.668 dBm M2 : 2402.621 MHz : -16.667 dBm M3 : 2437.190 MHz : 5.263 dBm	Limit: -14.74 dBm Margin: -7.93 dB

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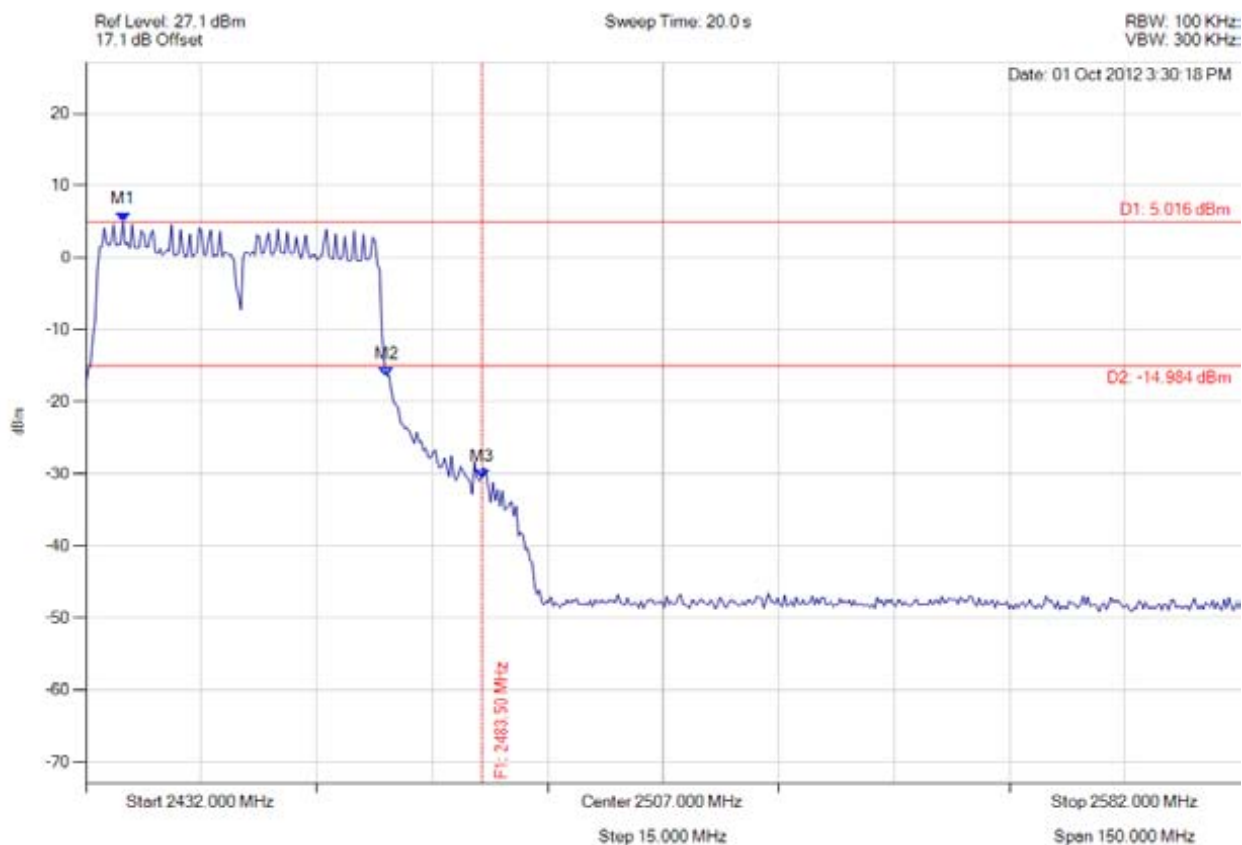


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band-edge

Variant: 802.11n HT-40, Channel: 2452.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2436.810 MHz : 5.016 dBm M2 : 2471.078 MHz : -16.381 dBm M3 : 2483.500 MHz : -30.561 dBm	Limit: -14.98 dBm Margin: -15.58 dB

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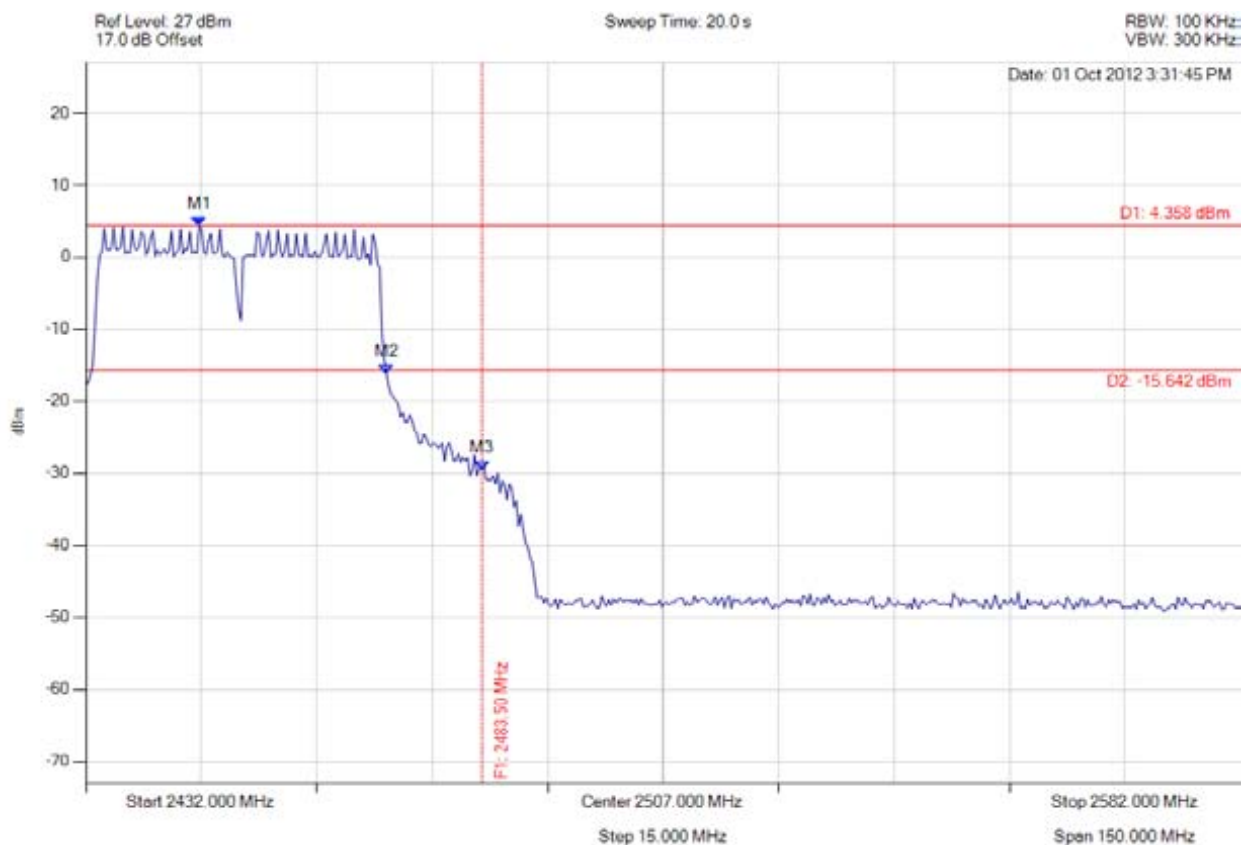


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band-edge

Variant: 802.11n HT-40, Channel: 2452.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2446.729 MHz : 4.358 dBm M2 : 2471.078 MHz : -16.239 dBm M3 : 2483.500 MHz : -29.550 dBm	Limit: -15.64 dBm Margin: -13.91 dB

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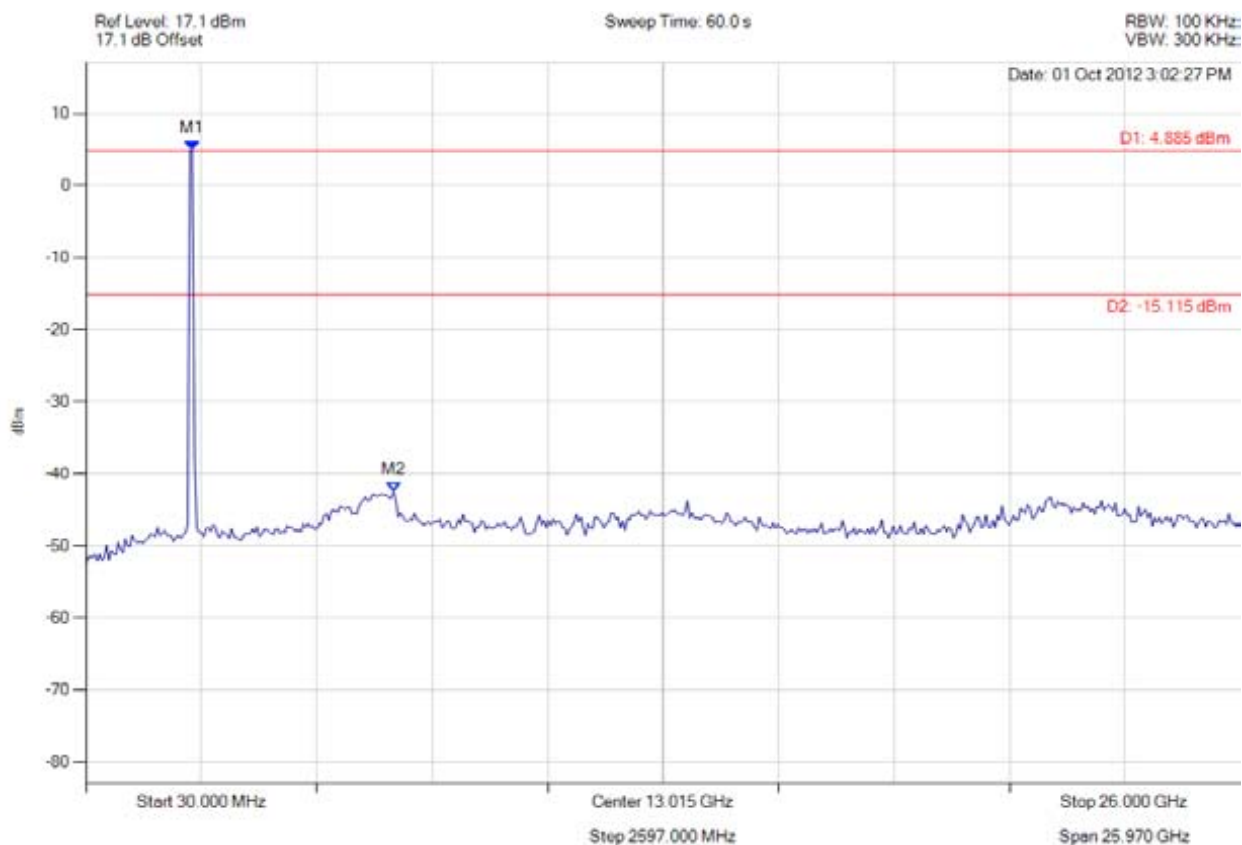


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spurious

Variant: 802.11n HT-40, Channel: 2422.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2424.028 MHz : 4.885 dBm M2 : 6951.864 MHz : -42.418 dBm	Limit: -15.12 dBm Margin: -27.30 dB

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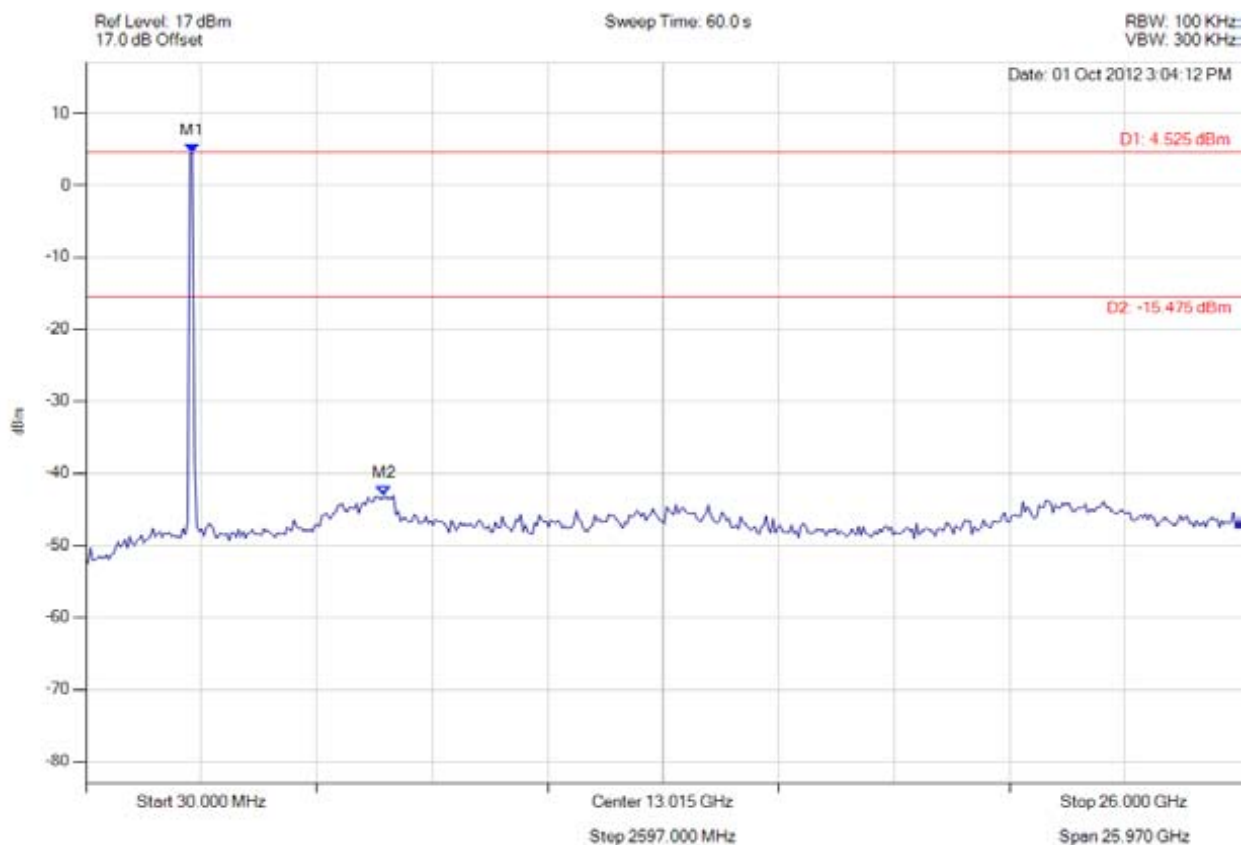


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Variant: 802.11n HT-40, Channel: 2422.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2424.028 MHz : 4.525 dBm M2 : 6743.687 MHz : -43.065 dBm	Limit: -15.48 dBm Margin: -27.58 dB

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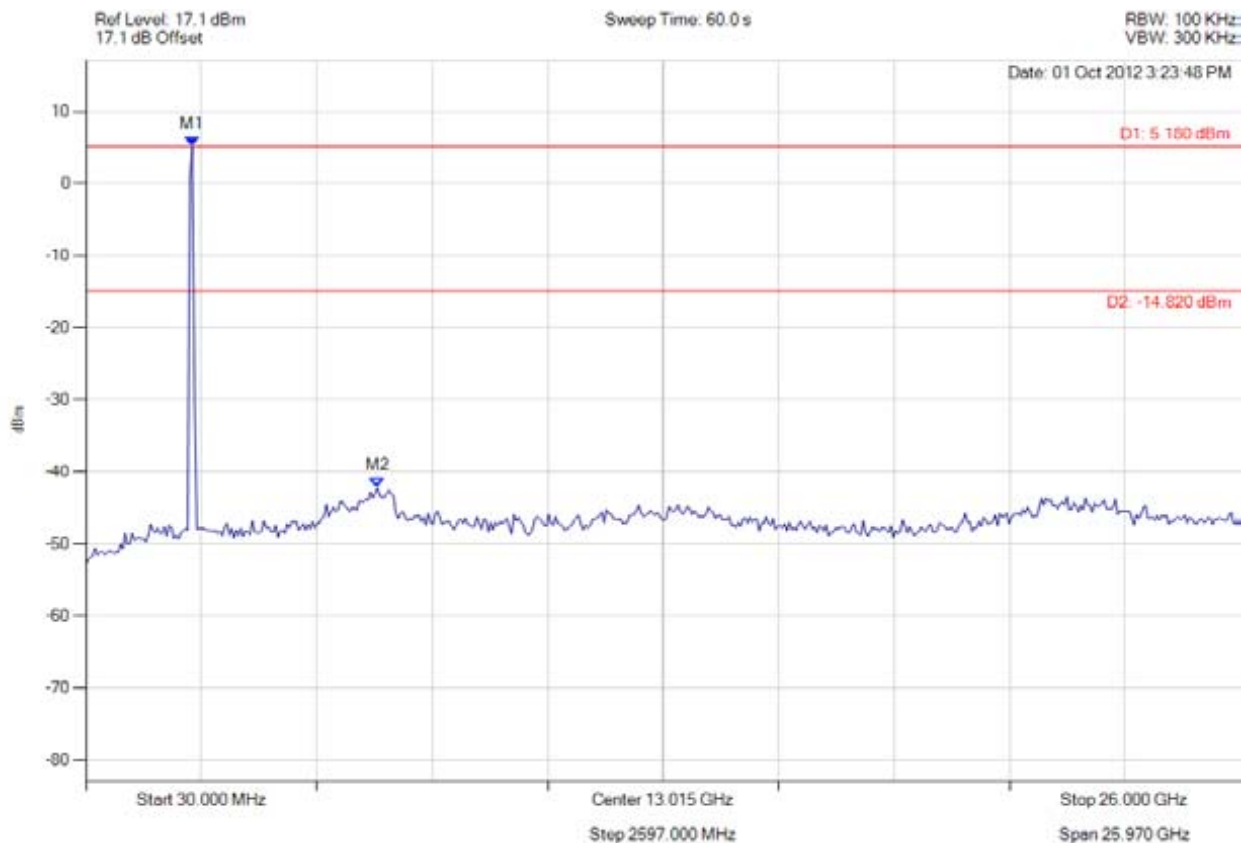


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Variant: 802.11n HT-40, Channel: 2437.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2424.028 MHz : 5.180 dBm M2 : 6587.555 MHz : -42.182 dBm	Limit: -14.82 dBm Margin: -27.36 dB

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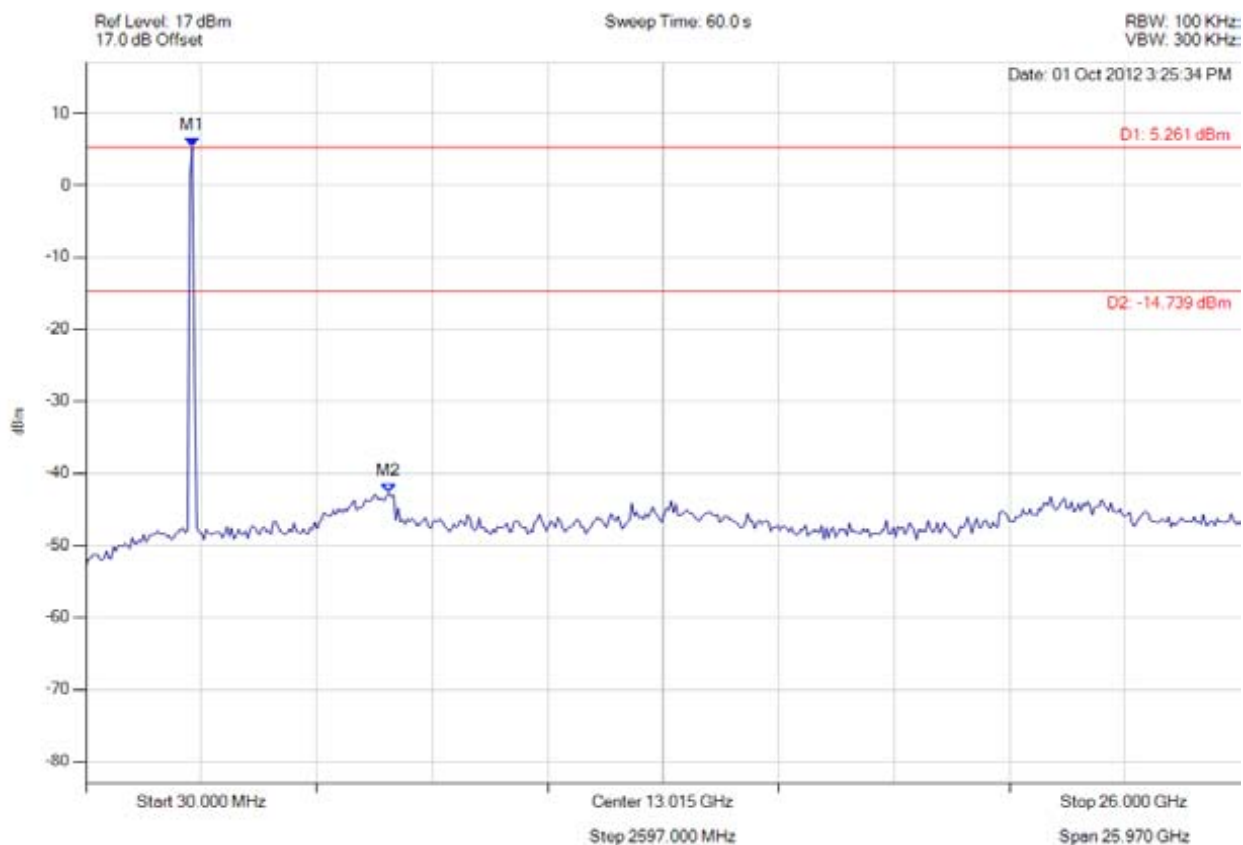


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Variant: 802.11n HT-40, Channel: 2437.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2424.028 MHz : 5.261 dBm M2 : 6847.776 MHz : -42.711 dBm	Limit: -14.74 dBm Margin: -27.97 dB

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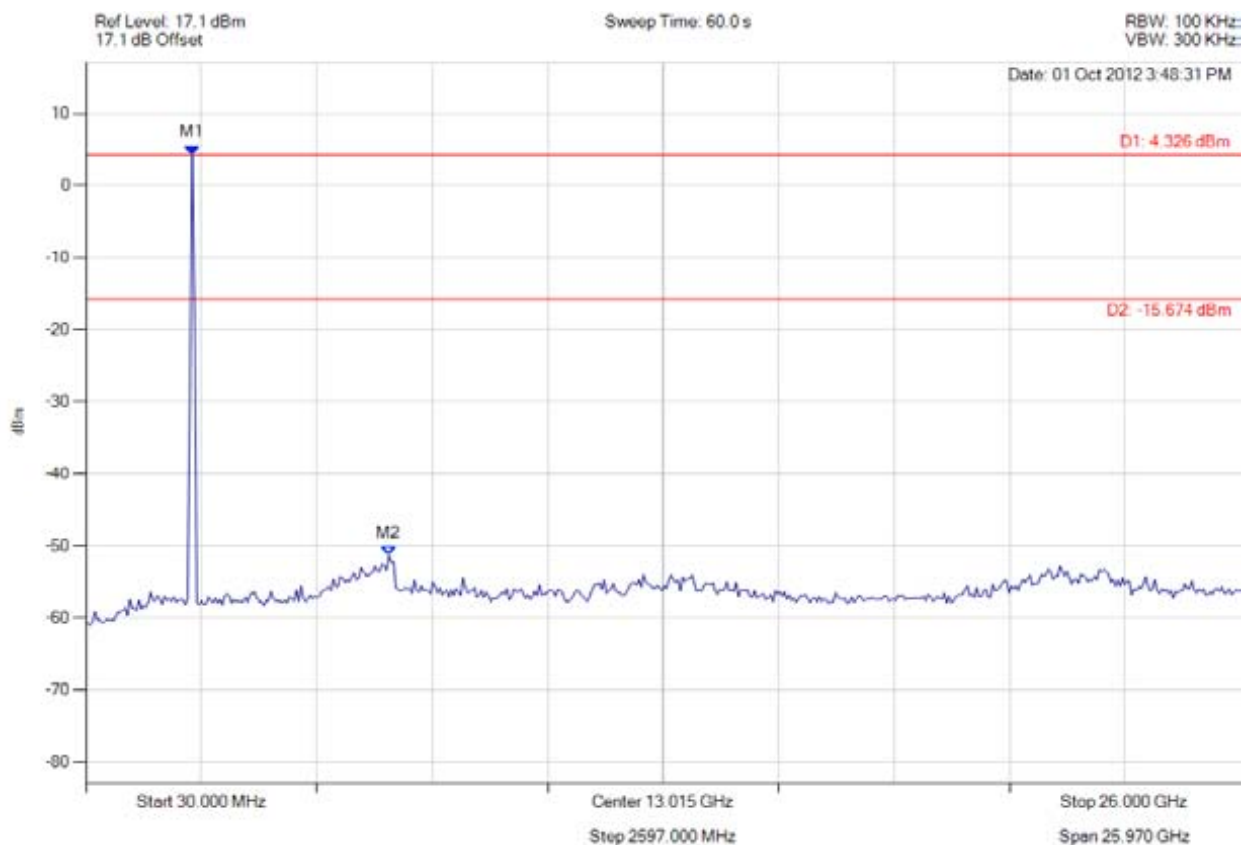


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spurious

Variant: 802.11n HT-40, Channel: 2452.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 10 Trace Mode = VIEW	M1 : 2424.028 MHz : 4.326 dBm M2 : 6847.776 MHz : -51.372 dBm	Limit: -15.67 dBm Margin: -35.70 dB

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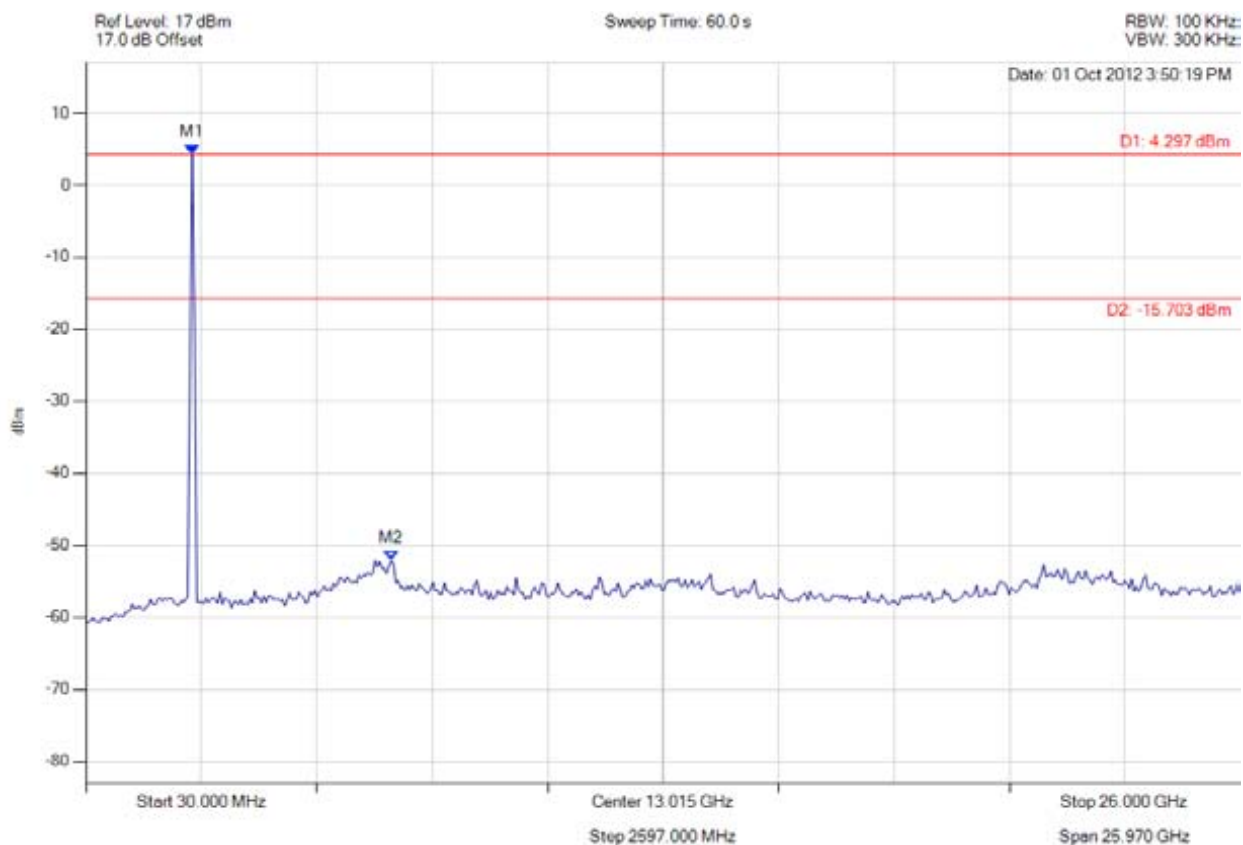


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spurious

Variant: 802.11n HT-40, Channel: 2452.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 10 Trace Mode = VIEW	M1 : 2424.028 MHz : 4.297 dBm M2 : 6899.820 MHz : -52.092 dBm	Limit: -15.70 dBm Margin: -36.39 dB

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This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

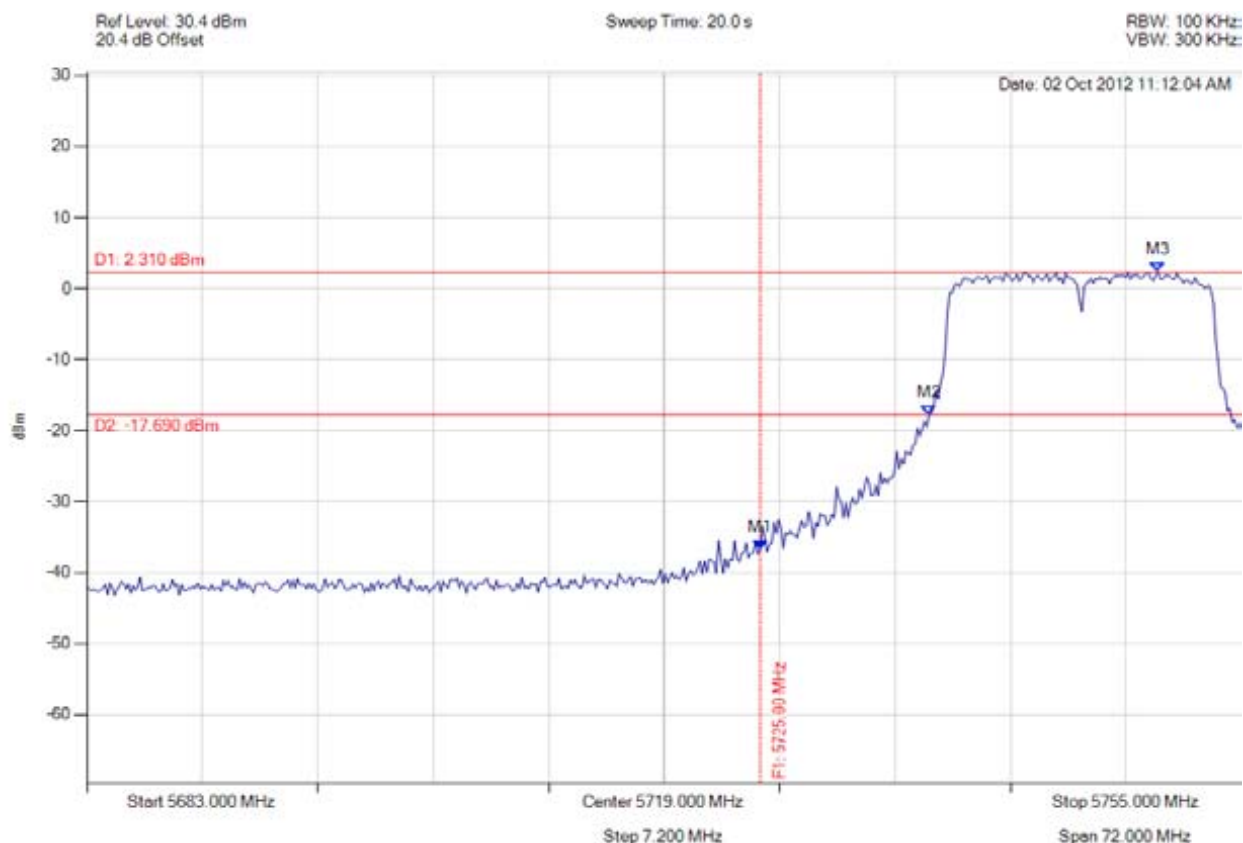


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band-edge

Variant: 802.11a, Channel: 5745.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5725.000 MHz : -36.716 dBm M2 : 5735.521 MHz : -17.753 dBm M3 : 5749.806 MHz : 2.310 dBm	Limit: -17.69 dBm Margin: -19.03 dB

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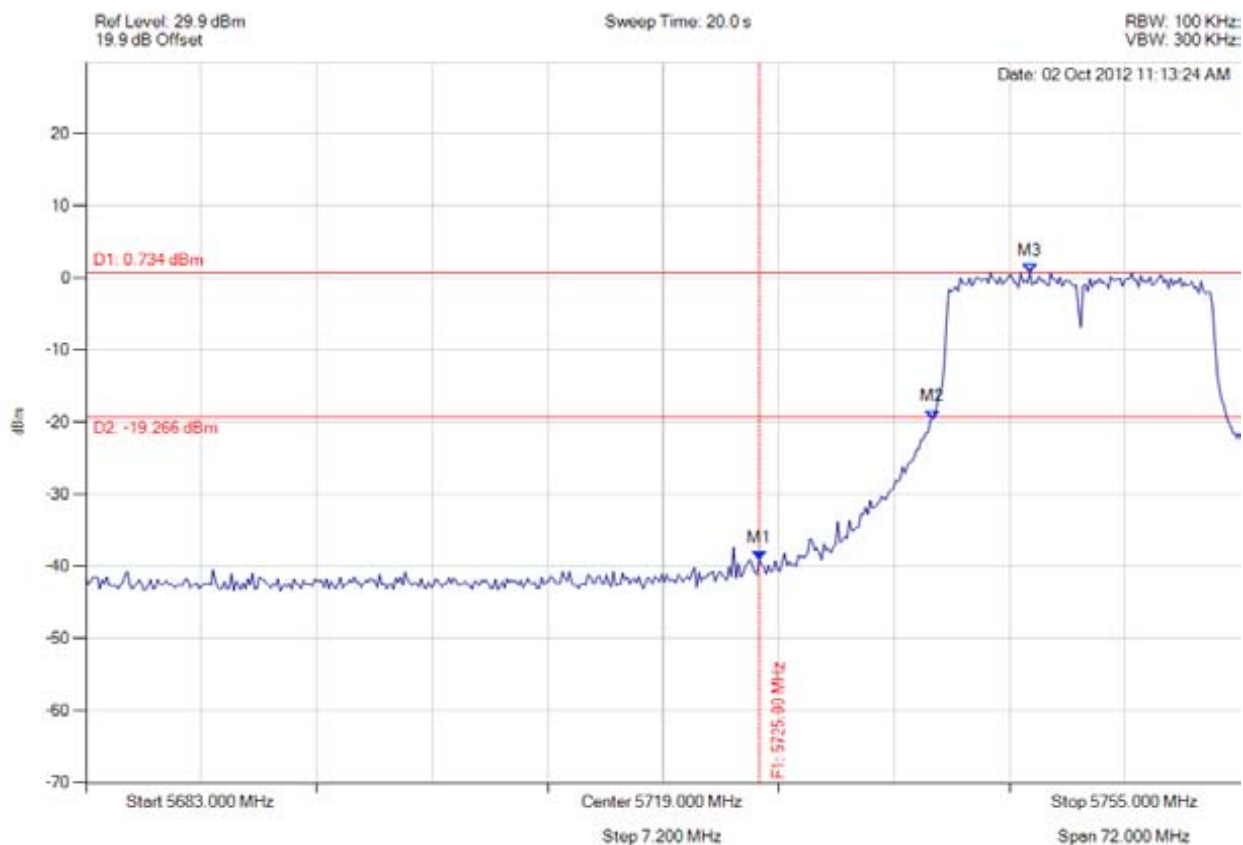


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band-edge

Variant: 802.11a, Channel: 5745.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5725.000 MHz : -39.091 dBm M2 : 5735.810 MHz : -19.575 dBm M3 : 5741.870 MHz : 0.734 dBm	Limit: -19.27 dBm Margin: -19.82 dB

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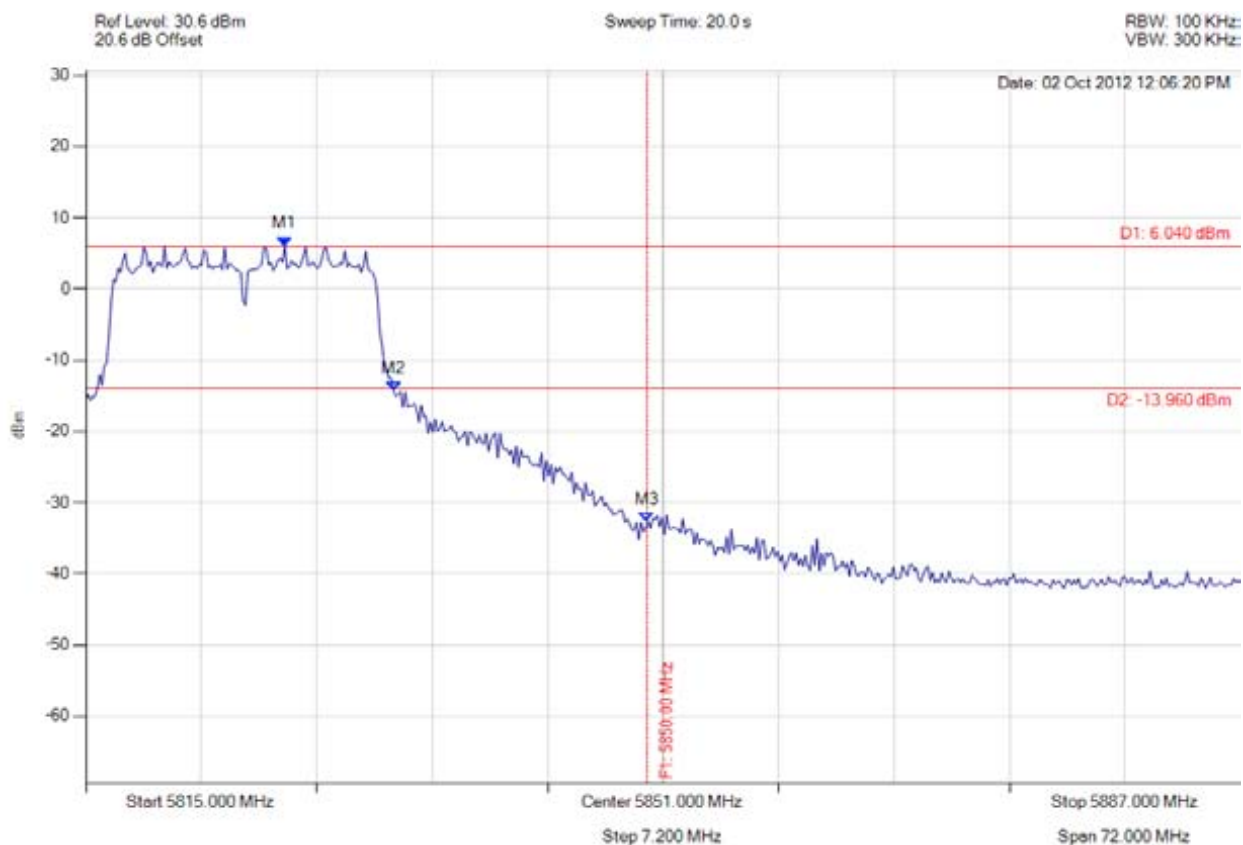


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band-edge

Variant: 802.11a, Channel: 5825.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5827.409 MHz : 6.040 dBm M2 : 5834.190 MHz : -14.273 dBm M3 : 5850.000 MHz : -32.676 dBm	Limit: -13.96 dBm Margin: -18.72 dB

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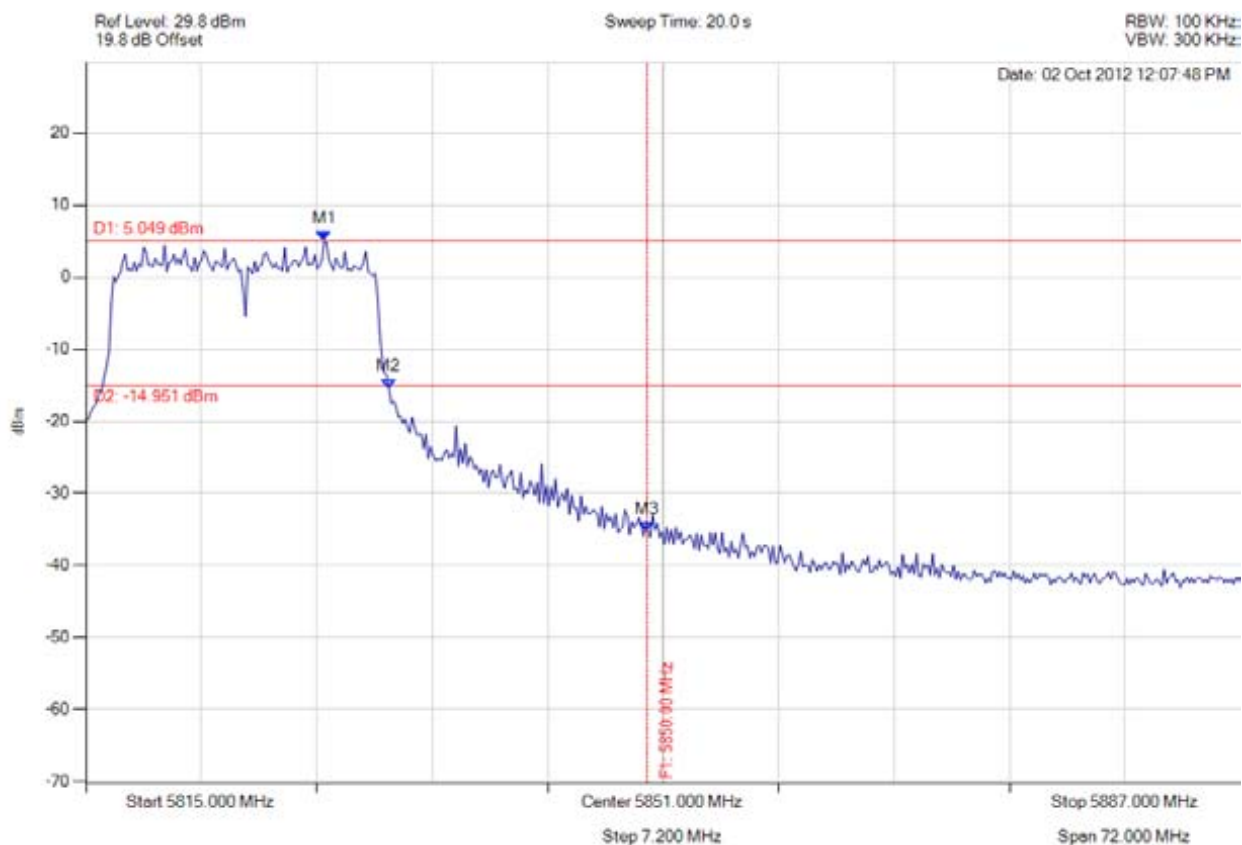


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band-edge

Variant: 802.11a, Channel: 5825.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5829.862 MHz : 5.049 dBm M2 : 5833.902 MHz : -15.392 dBm M3 : 5850.000 MHz : -35.319 dBm	Limit: -14.95 dBm Margin: -20.37 dB

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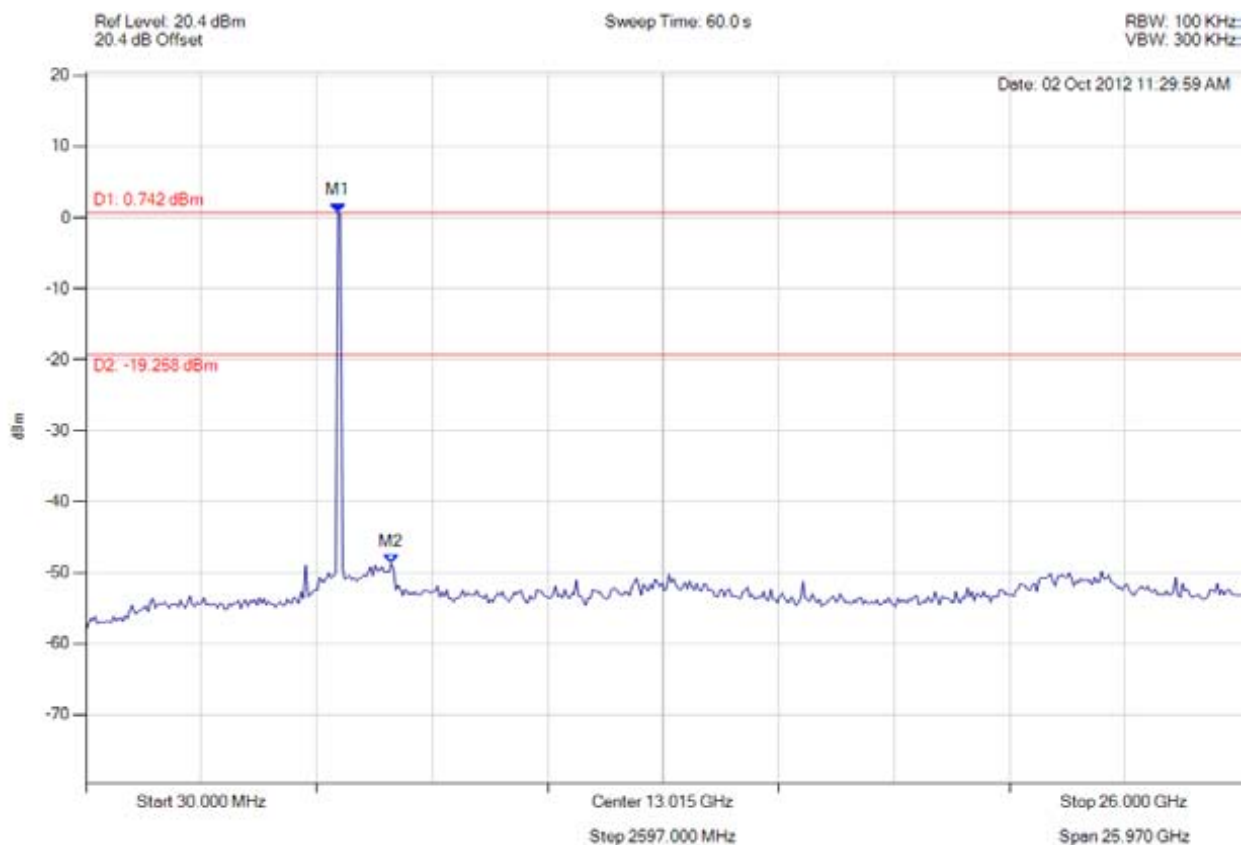


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spurious

Variant: 802.11a, Channel: 5745.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 10 Trace Mode = VIEW	M1 : 5702.806 MHz : 0.742 dBm M2 : 6899.820 MHz : -48.721 dBm	Limit: -19.26 dBm Margin: -29.46 dB

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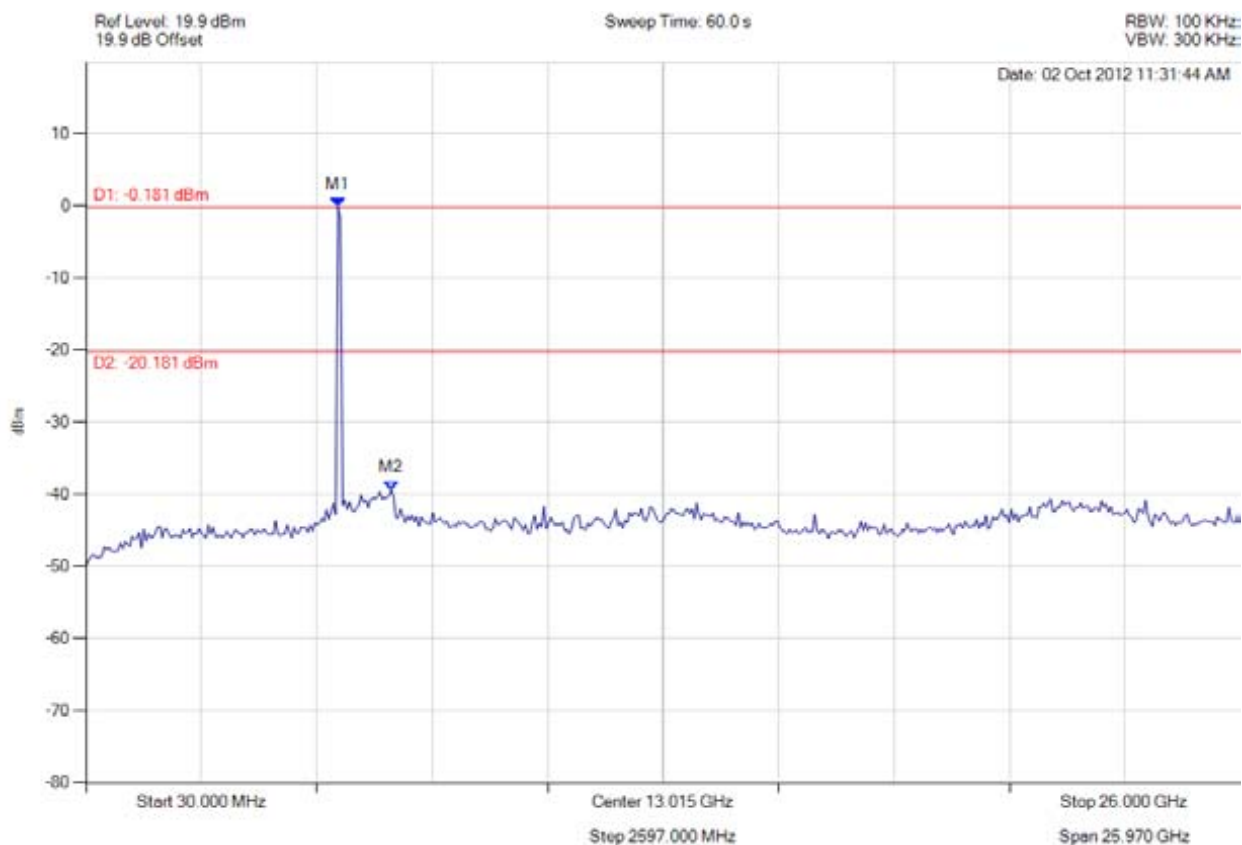


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spurious

Variant: 802.11a, Channel: 5745.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5702.806 MHz : -0.181 dBm M2 : 6899.820 MHz : -39.402 dBm	Limit: -20.18 dBm Margin: -19.22 dB

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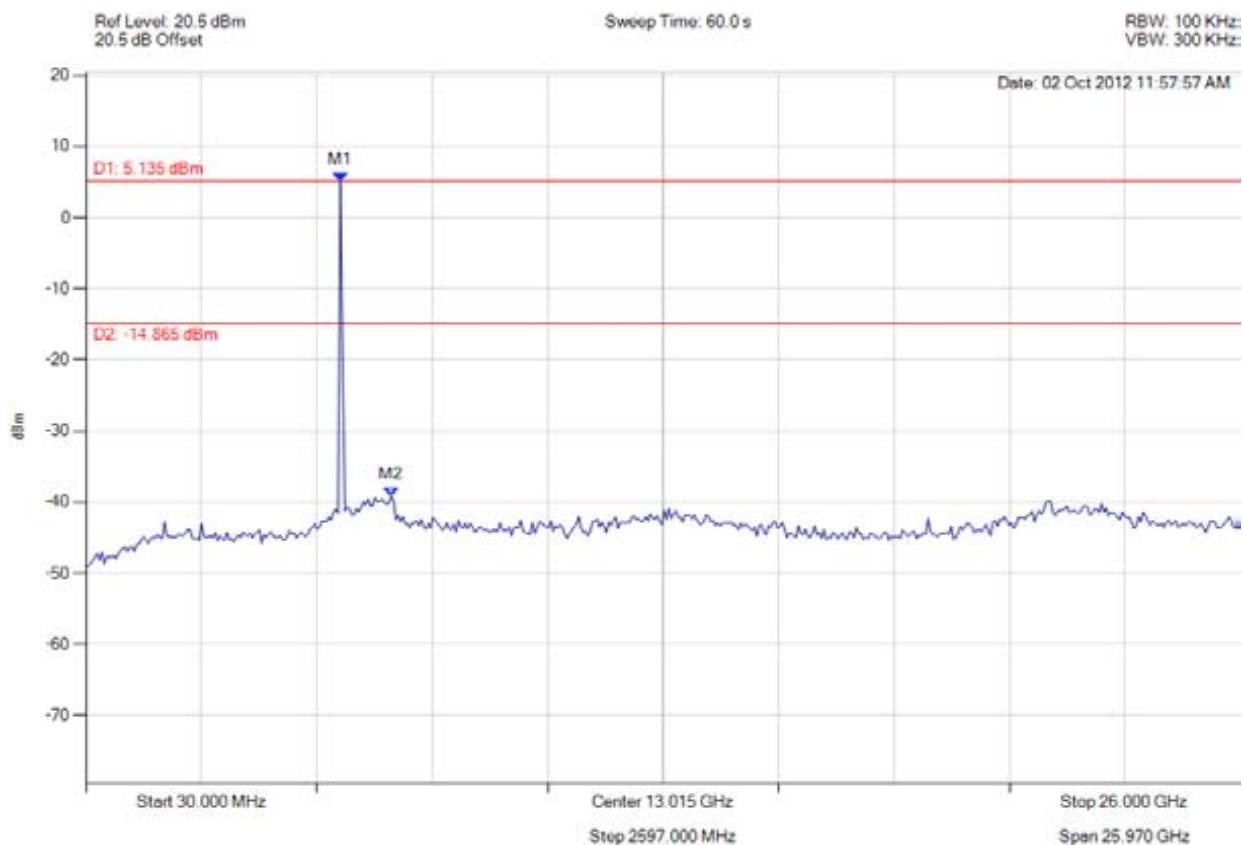


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spurious

Variant: 802.11a, Channel: 5785.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5754.850 MHz : 5.135 dBm M2 : 6899.820 MHz : -39.241 dBm	Limit: -14.87 dBm Margin: -24.37 dB

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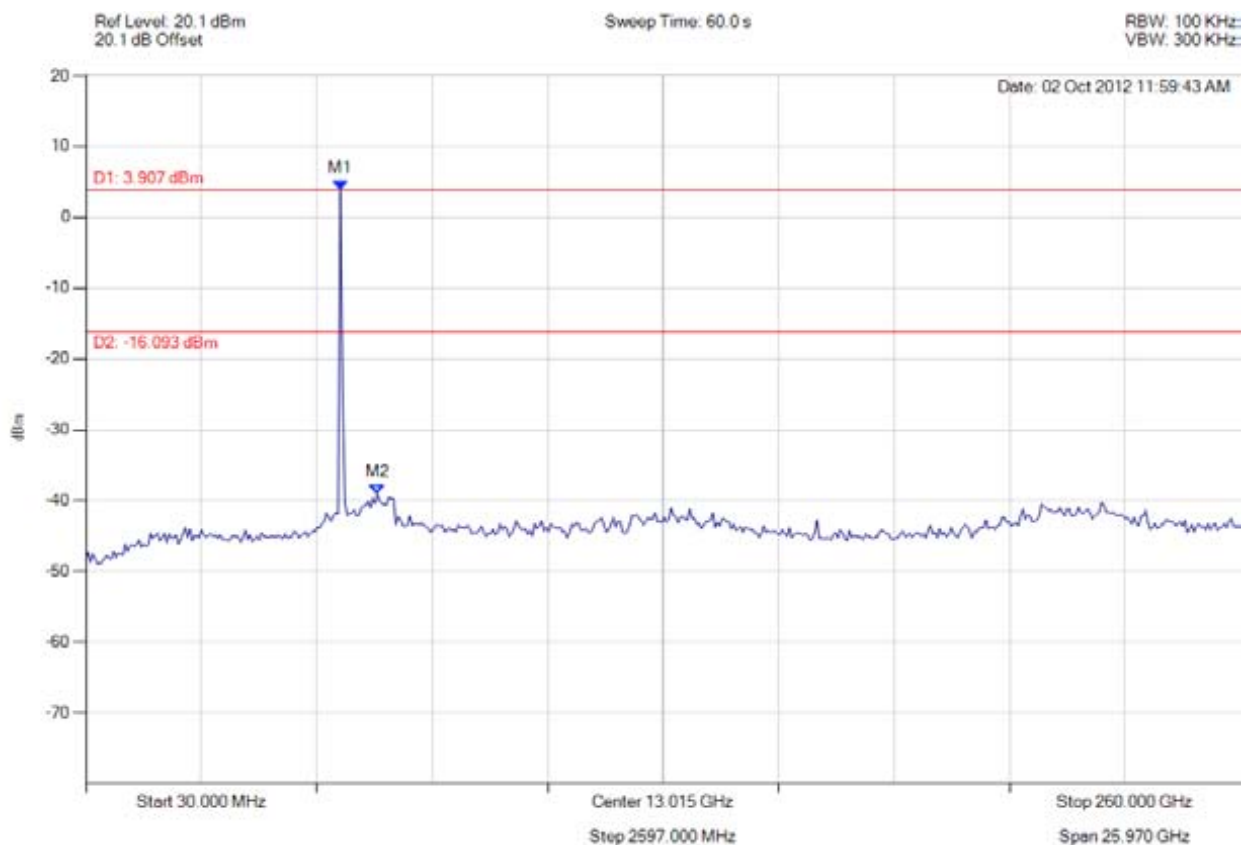


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spurious

Variant: 802.11a, Channel: 5785.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5754.850 MHz : 3.907 dBm M2 : 6587.555 MHz : -39.074 dBm	Limit: -16.09 dBm Margin: -22.98 dB

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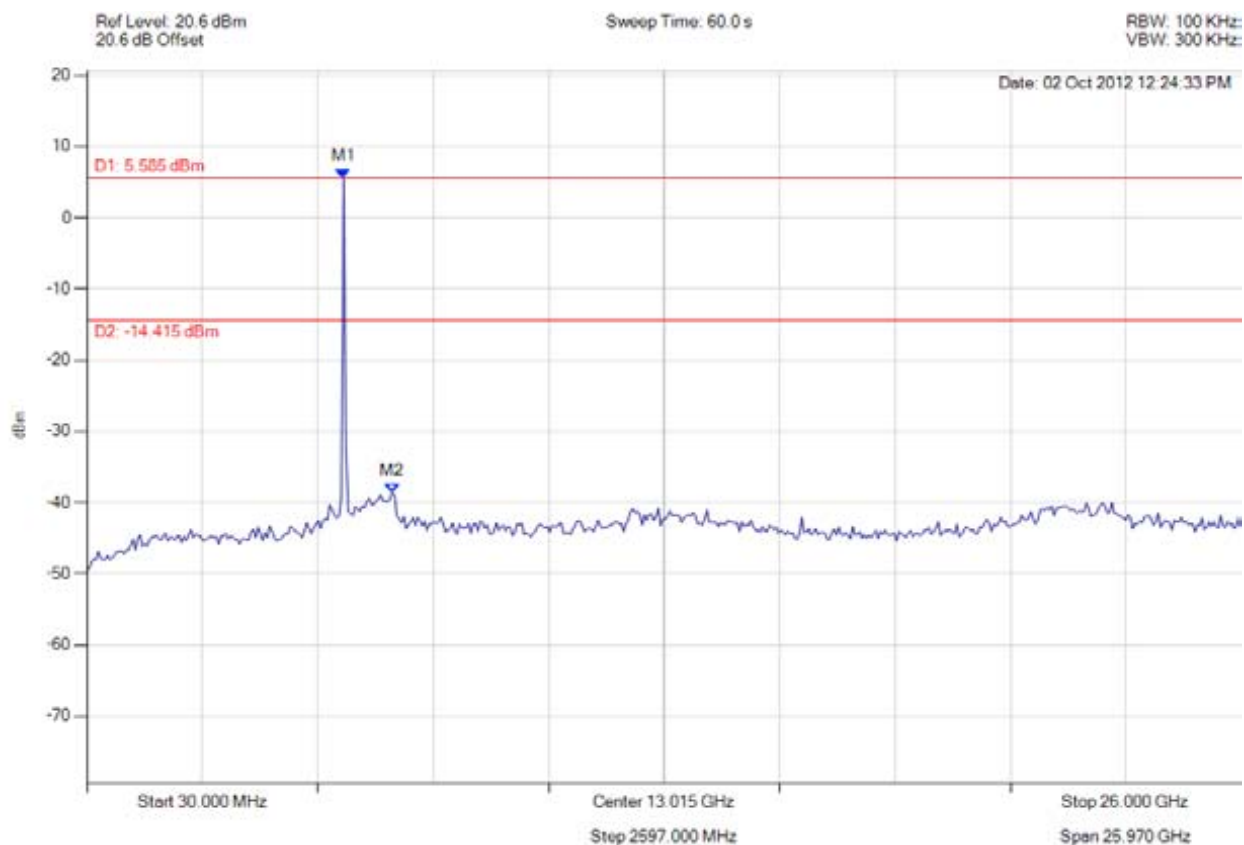


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spurious

Variant: 802.11a, Channel: 5825.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5806.894 MHz : 5.585 dBm M2 : 6899.820 MHz : -38.578 dBm	Limit: -14.42 dBm Margin: -24.16 dB

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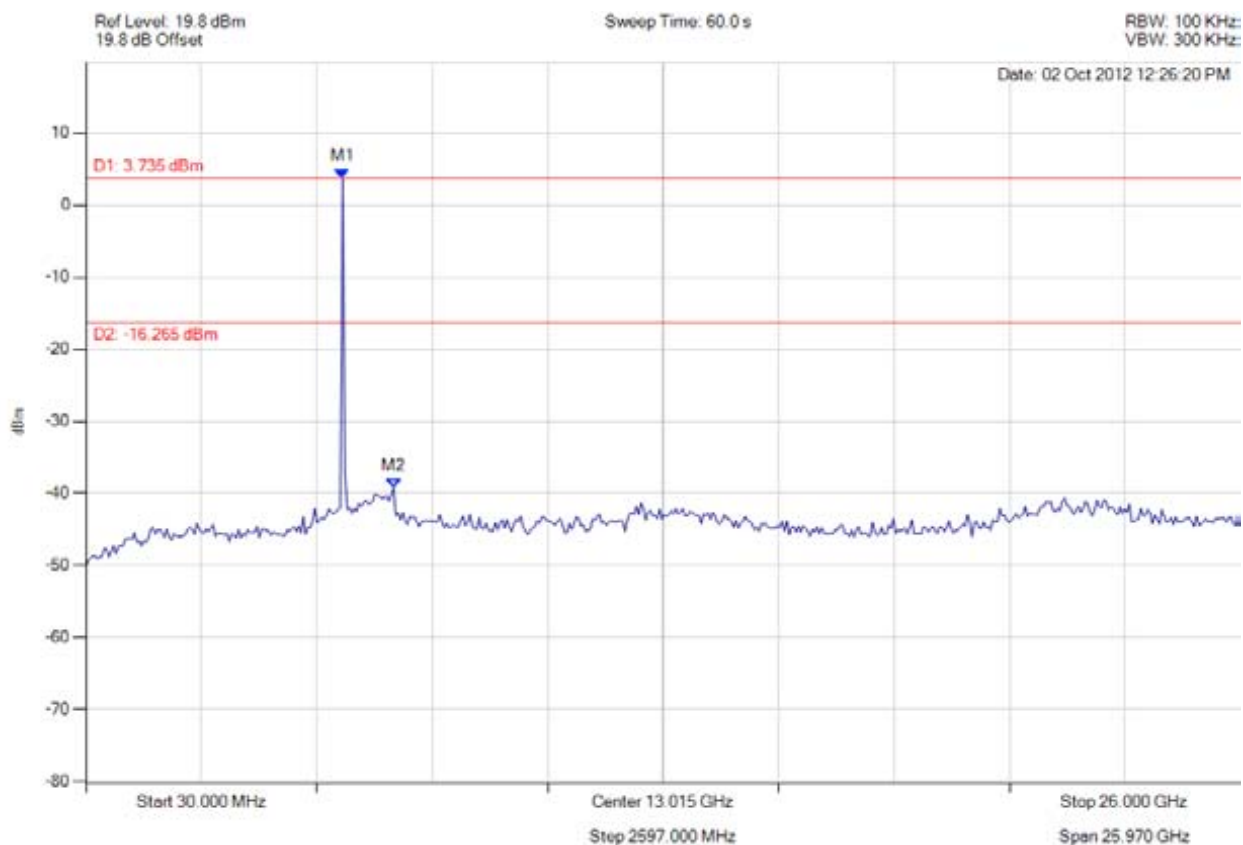


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spurious

Variant: 802.11a, Channel: 5825.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5806.894 MHz : 3.735 dBm M2 : 6951.864 MHz : -39.215 dBm	Limit: -16.27 dBm Margin: -22.95 dB

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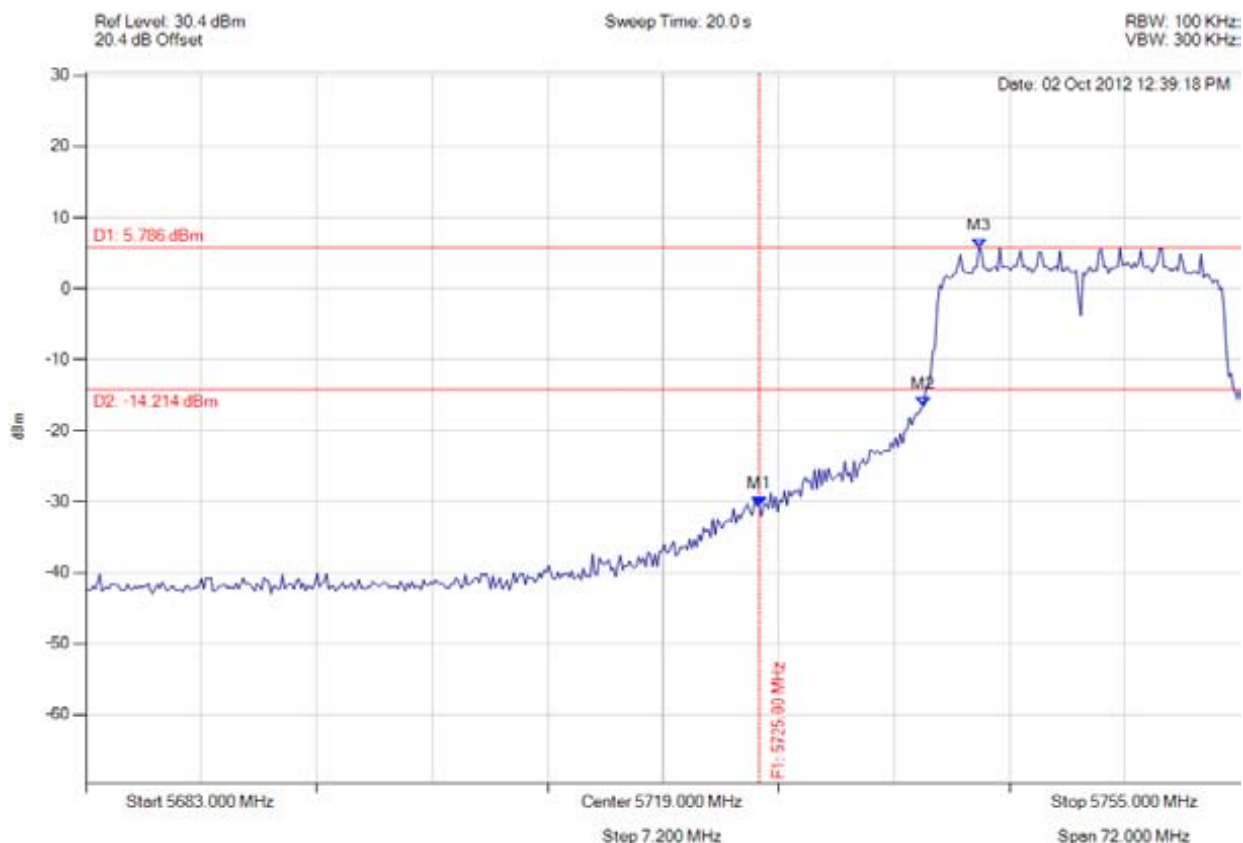


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band-edge

Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5725.000 MHz : -30.545 dBm M2 : 5735.232 MHz : -16.624 dBm M3 : 5738.695 MHz : 5.786 dBm	Limit: -14.21 dBm Margin: -16.34 dB

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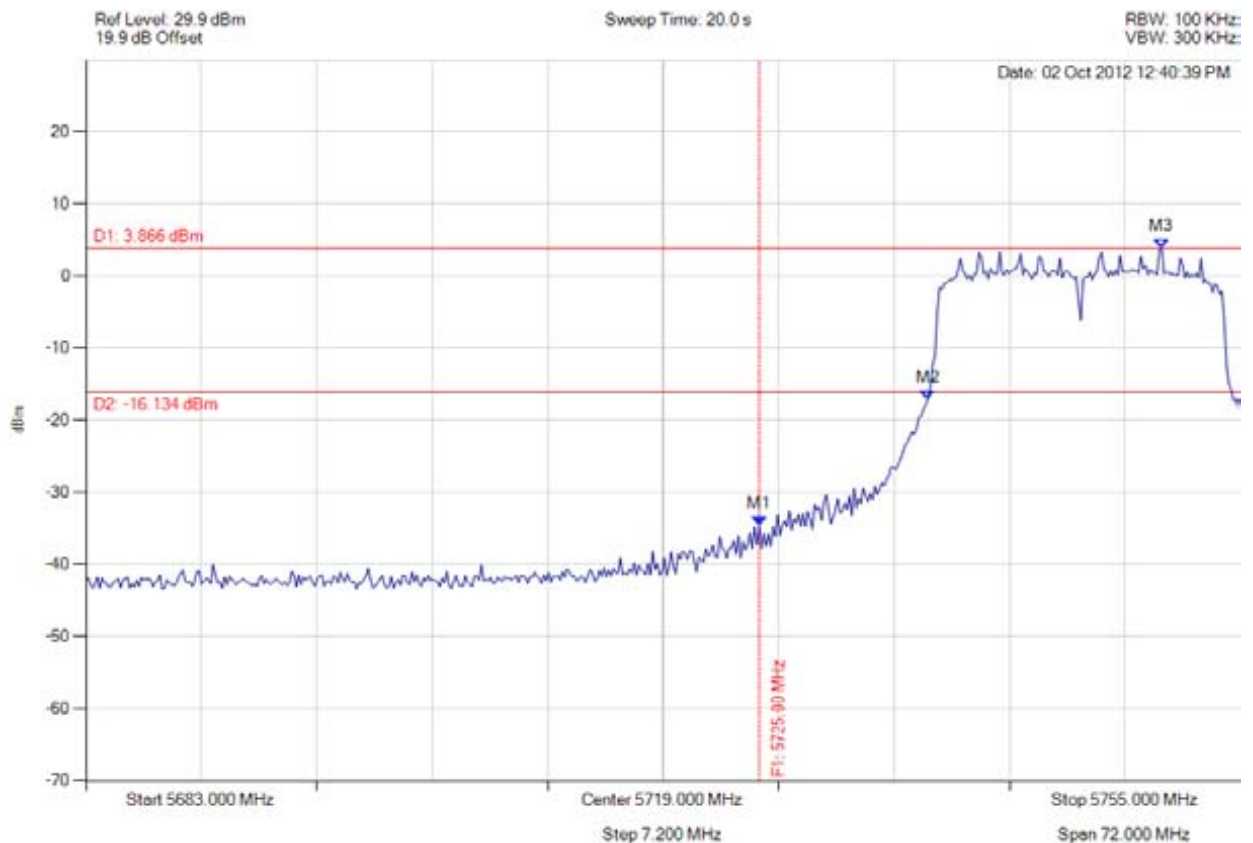


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band-edge

Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5725.000 MHz : -34.704 dBm M2 : 5735.521 MHz : -17.092 dBm M3 : 5750.094 MHz : 3.866 dBm	Limit: -16.13 dBm Margin: -18.57 dB

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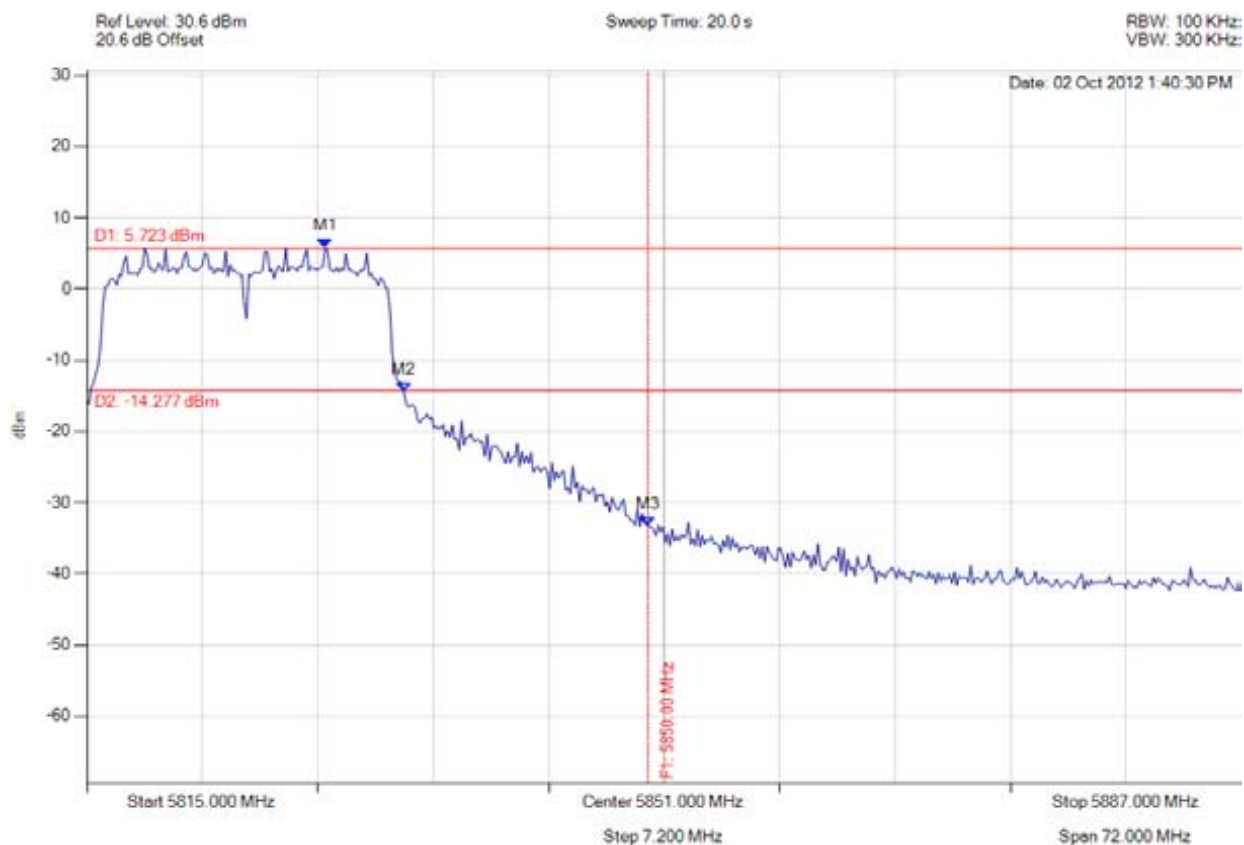


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band-edge

Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5829.862 MHz : 5.723 dBm M2 : 5834.768 MHz : -14.441 dBm M3 : 5850.000 MHz : -33.321 dBm	Limit: -14.28 dBm Margin: -19.04 dB

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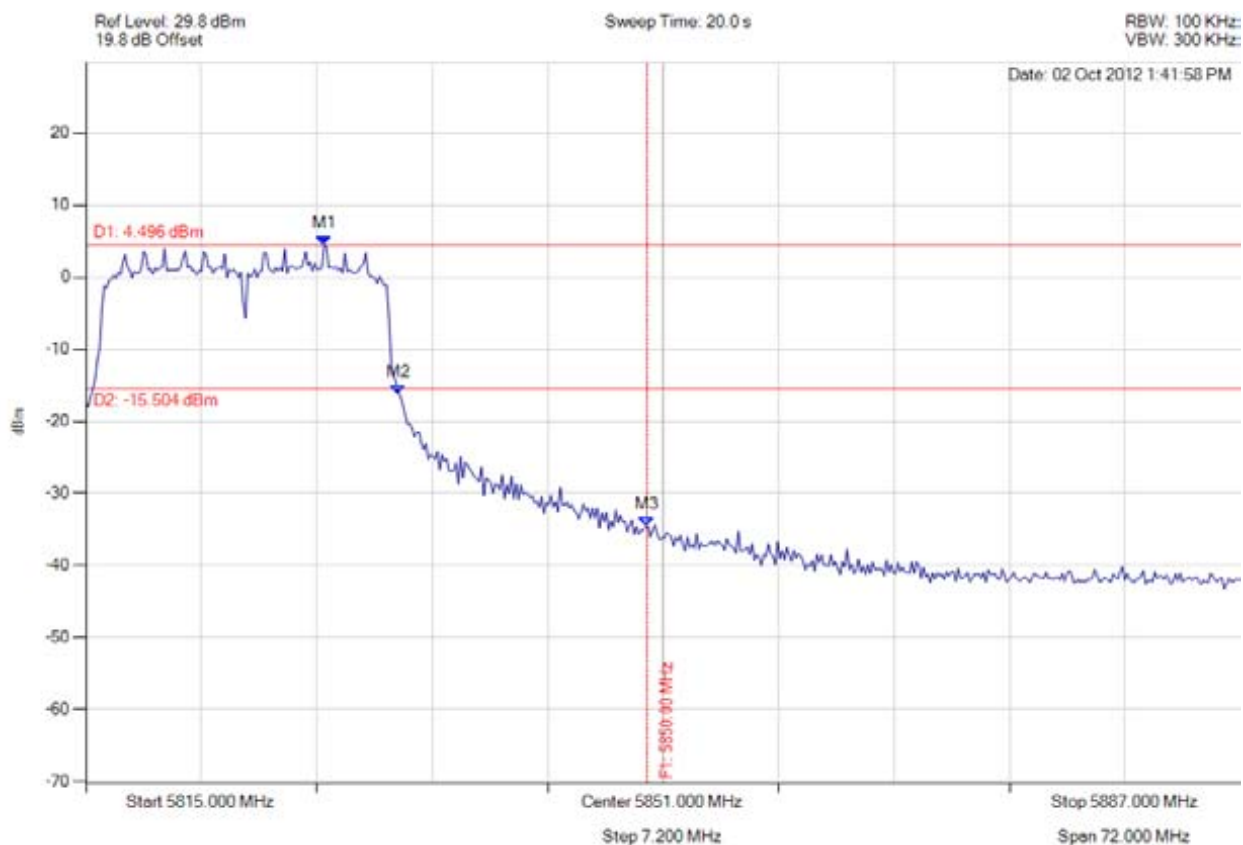


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band-edge

Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5829.862 MHz : 4.496 dBm M2 : 5834.479 MHz : -16.179 dBm M3 : 5850.000 MHz : -34.597 dBm	Limit: -15.50 dBm Margin: -19.10 dB

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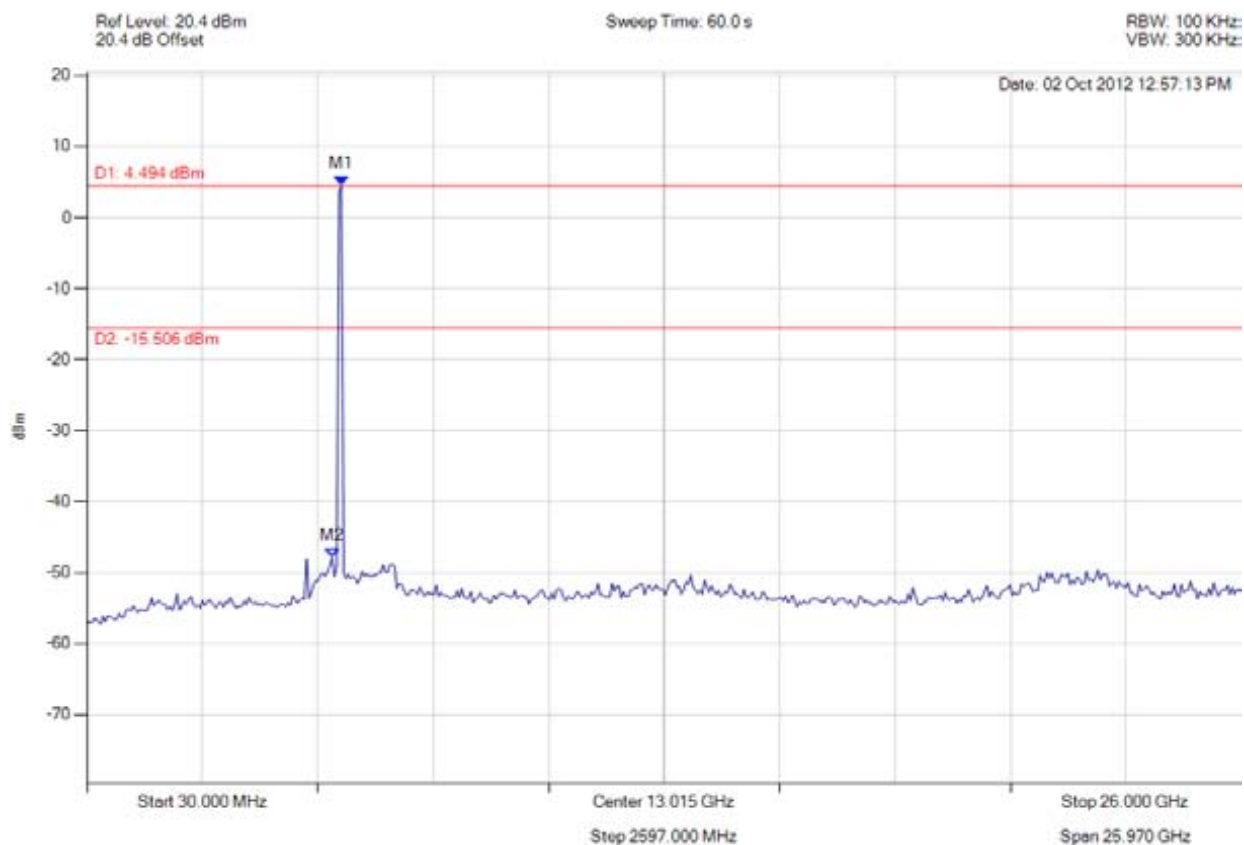


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spurious

Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 10 Trace Mode = VIEW	M1 : 5754.850 MHz : 4.494 dBm M2 : 5546.673 MHz : -47.850 dBm	Limit: -15.51 dBm Margin: -32.34 dB

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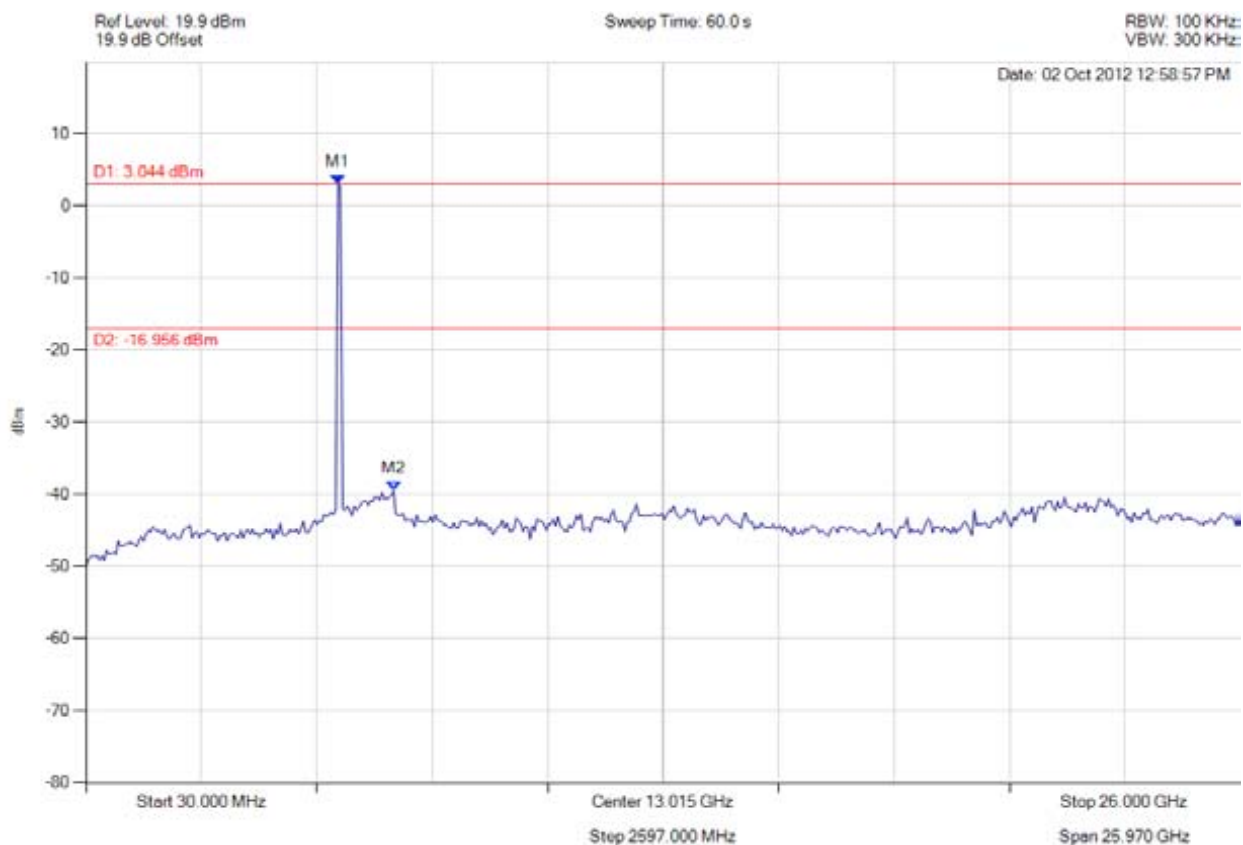


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spurious

Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5702.806 MHz : 3.044 dBm M2 : 6951.864 MHz : -39.534 dBm	Limit: -16.96 dBm Margin: -22.57 dB

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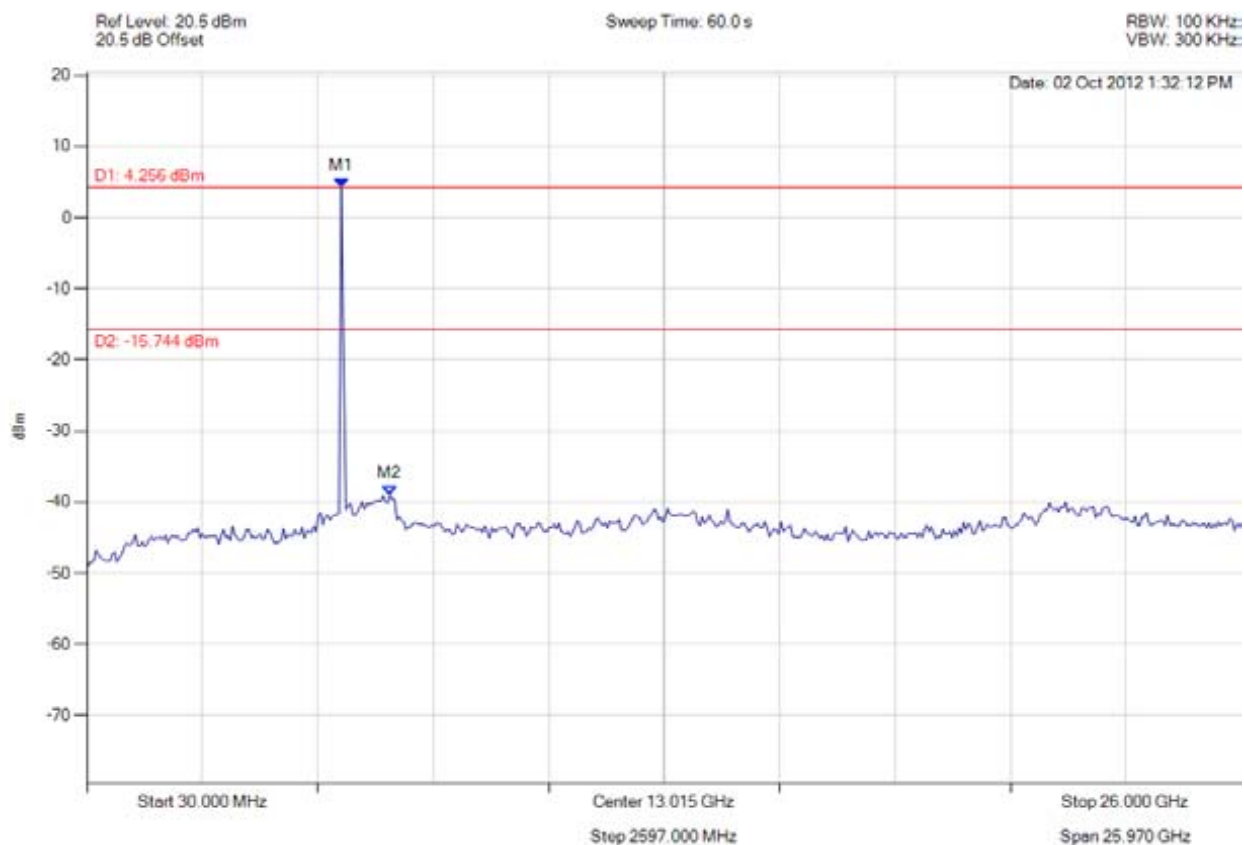


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Variant: 802.11n HT-20, Channel: 5785.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5754.850 MHz : 4.256 dBm M2 : 6847.776 MHz : -39.018 dBm	Limit: -15.74 dBm Margin: -23.28 dB

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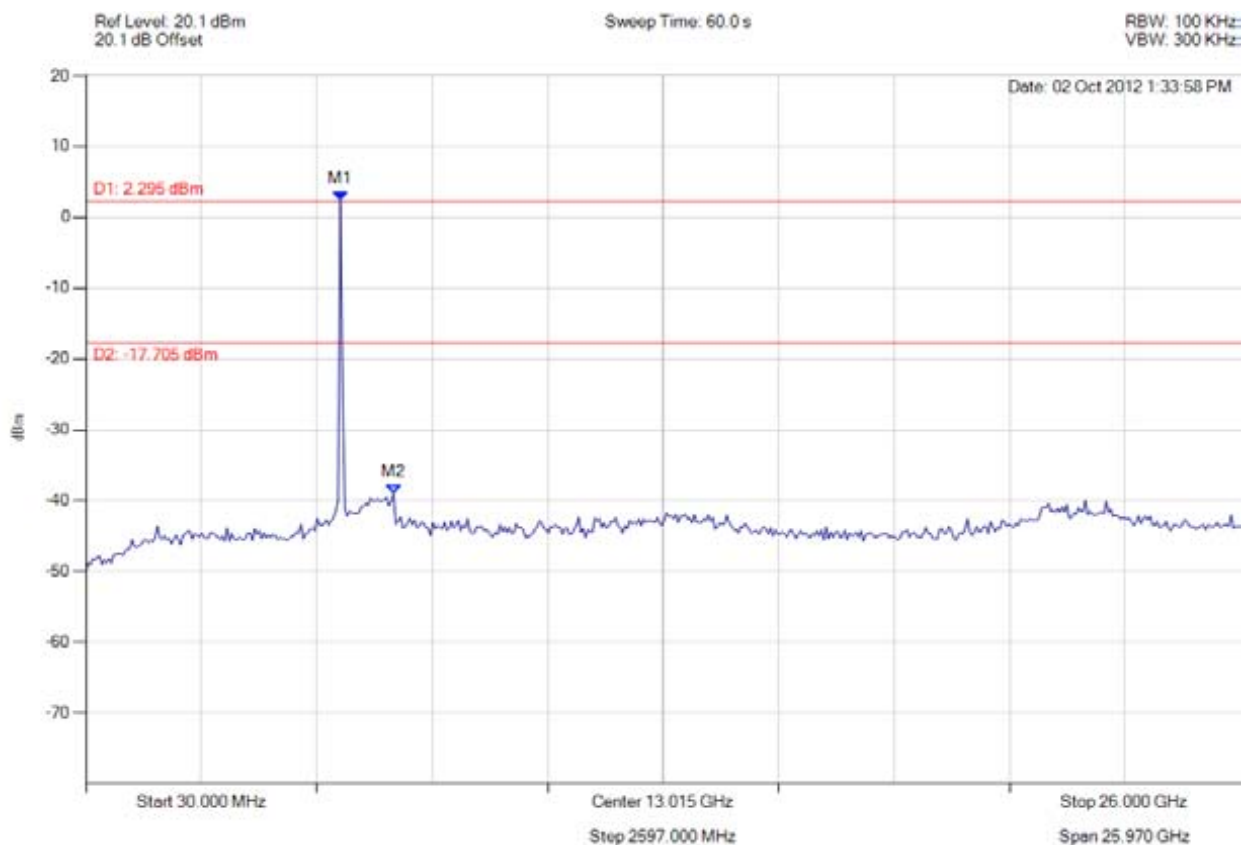


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Variant: 802.11n HT-20, Channel: 5785.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5754.850 MHz : 2.295 dBm M2 : 6951.864 MHz : -39.037 dBm	Limit: -17.71 dBm Margin: -21.33 dB

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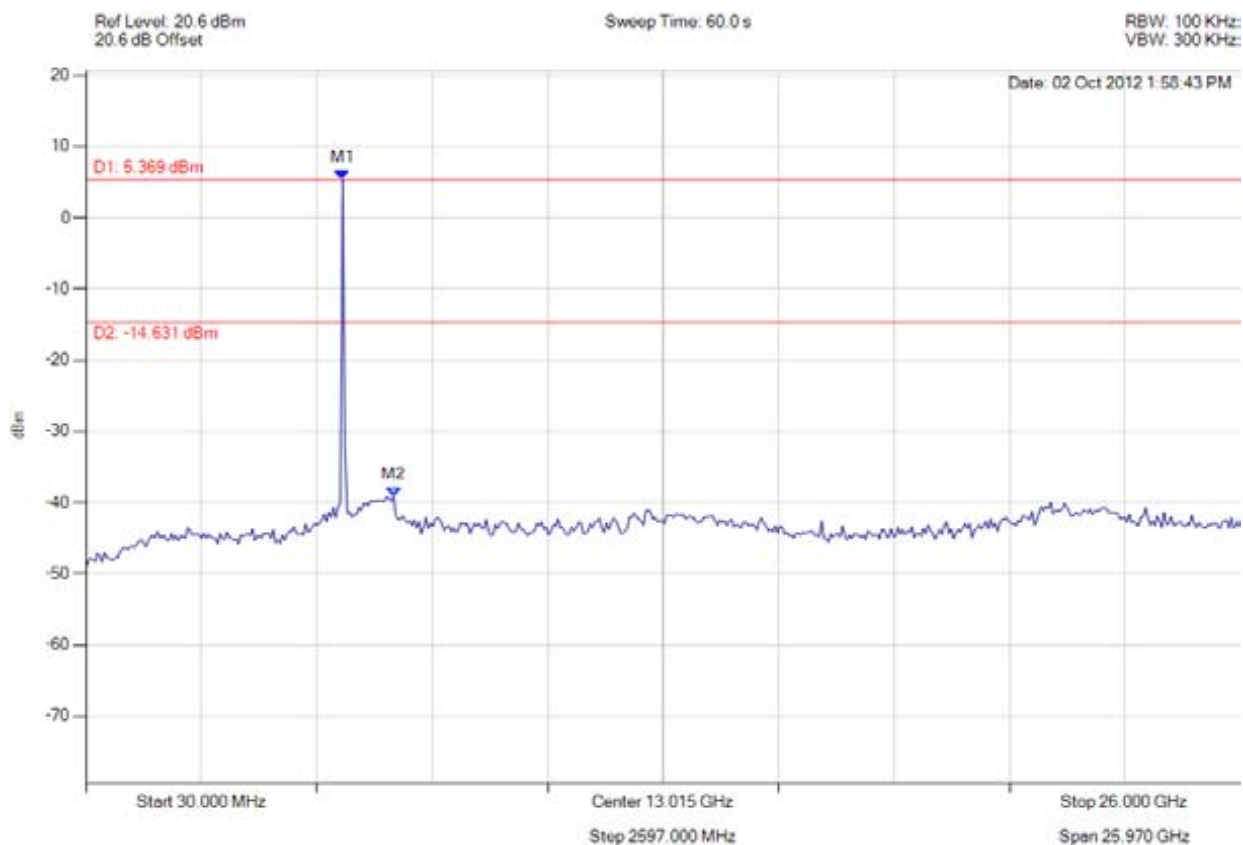


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spurious

Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5806.894 MHz : 5.369 dBm M2 : 6951.864 MHz : -39.121 dBm	Limit: -14.63 dBm Margin: -24.49 dB

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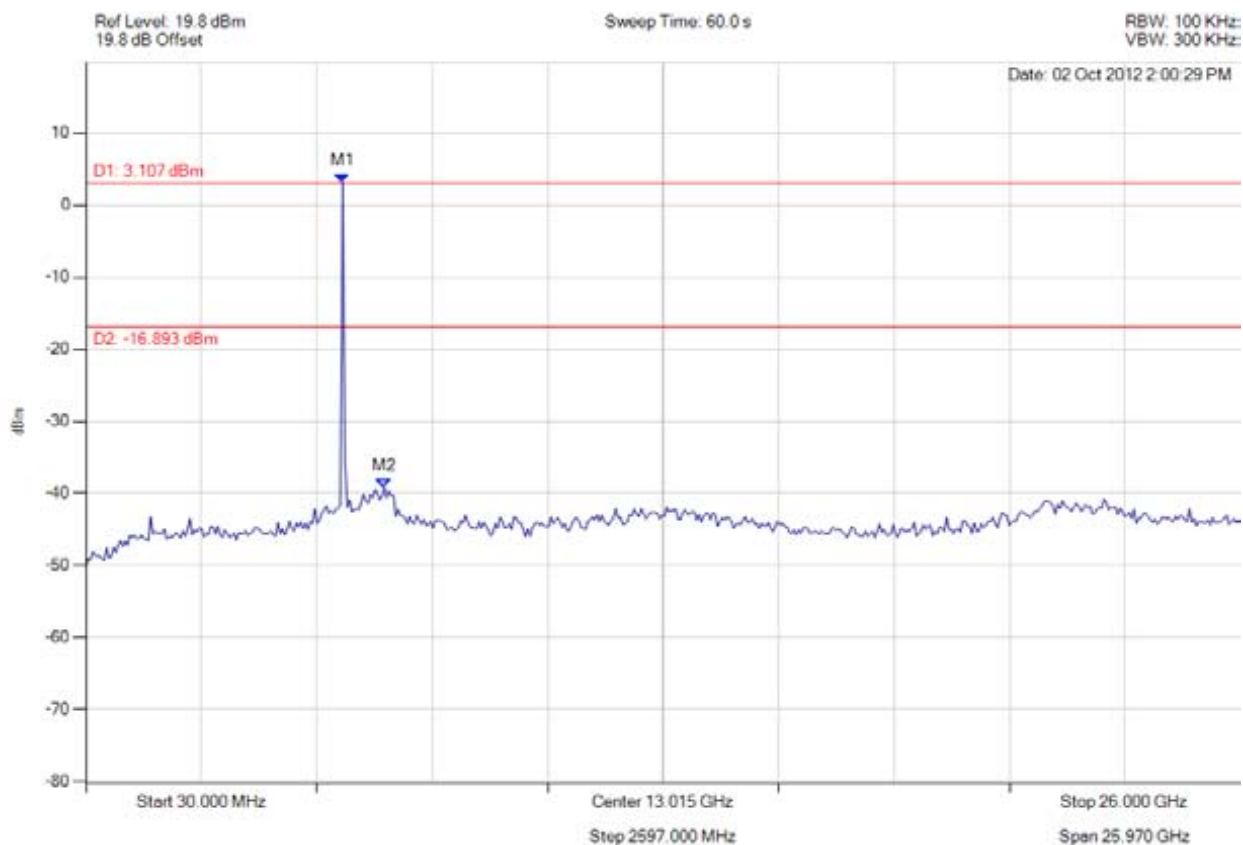


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Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5806.894 MHz : 3.107 dBm M2 : 6743.687 MHz : -39.185 dBm	Limit: -16.89 dBm Margin: -22.30 dB

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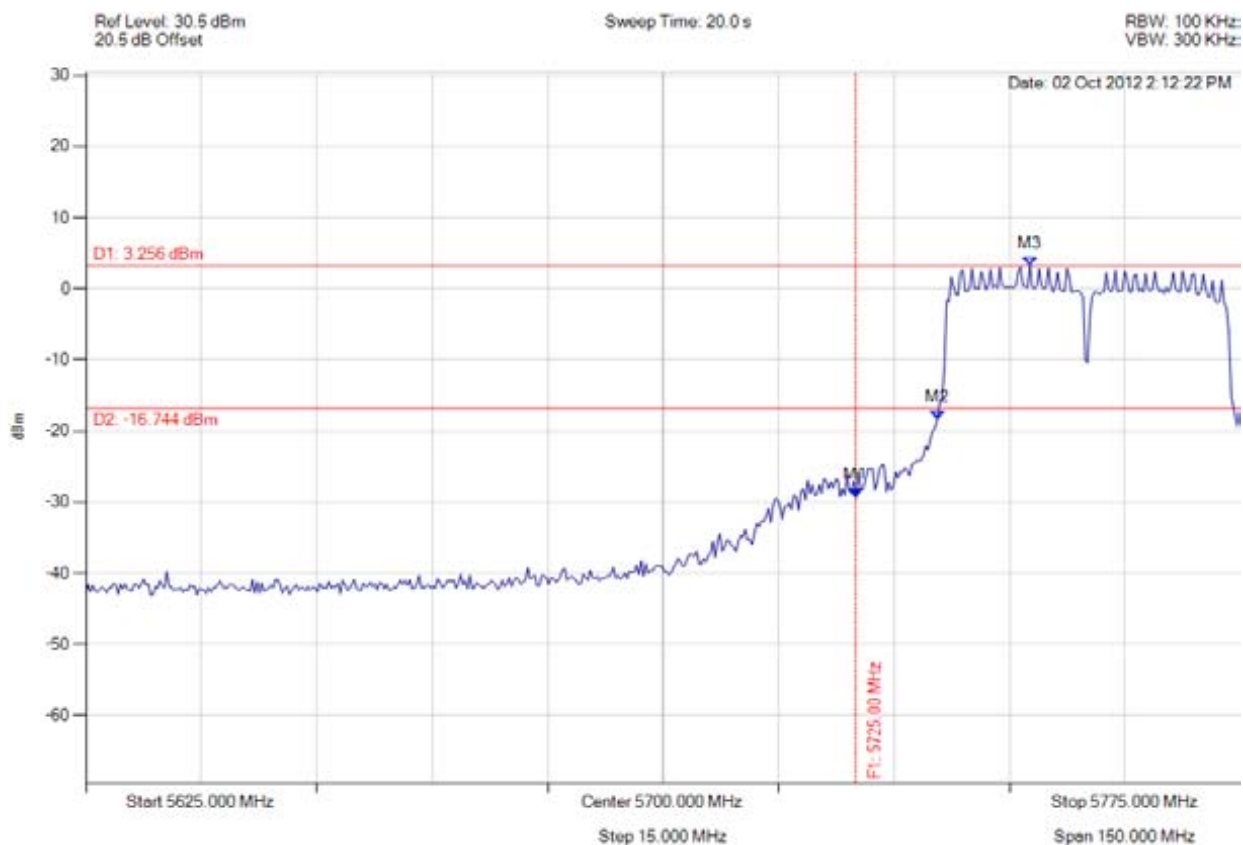


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band-edge

Variant: 802.11n HT-40, Channel: 5755.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5725.000 MHz : -29.296 dBm M2 : 5735.621 MHz : -18.379 dBm M3 : 5747.645 MHz : 3.256 dBm	Limit: -16.74 dBm Margin: -12.56 dB

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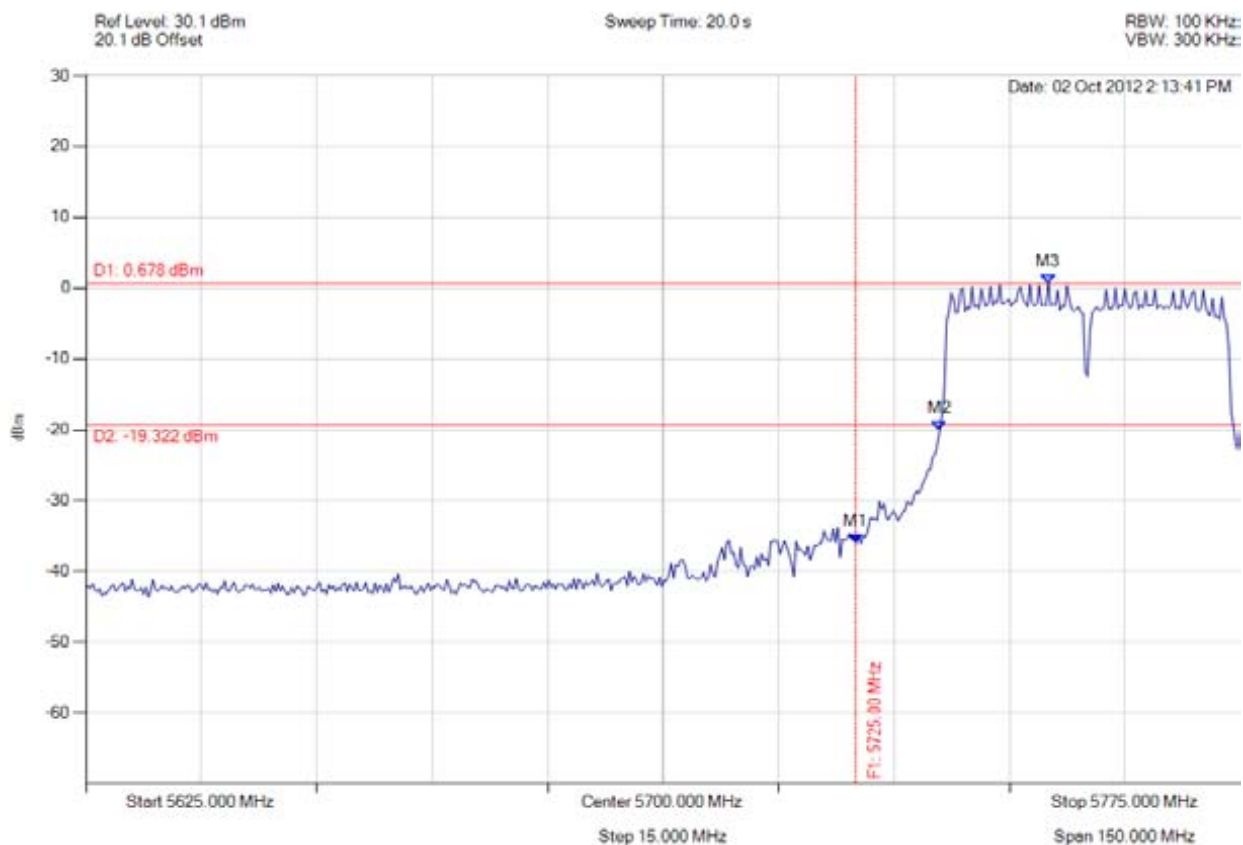


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band-edge

Variant: 802.11n HT-40, Channel: 5755.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5725.000 MHz : -35.974 dBm M2 : 5735.922 MHz : -20.123 dBm M3 : 5750.050 MHz : 0.678 dBm	Limit: -19.32 dBm Margin: -16.65 dB

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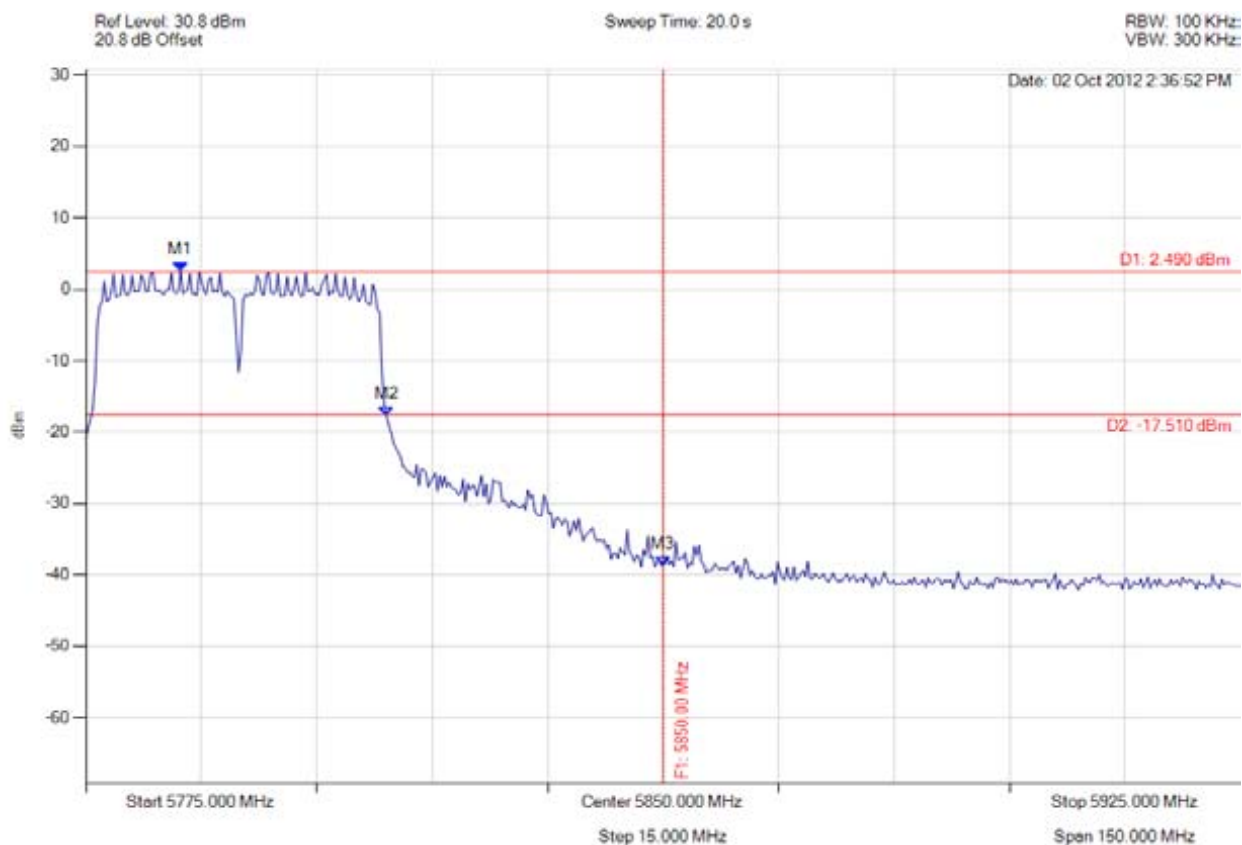


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band-edge

Variant: 802.11n HT-40, Channel: 5795.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5787.325 MHz : 2.490 dBm M2 : 5814.078 MHz : -17.804 dBm M3 : 5850.000 MHz : -38.787 dBm	Limit: -17.51 dBm Margin: 20.00 dB

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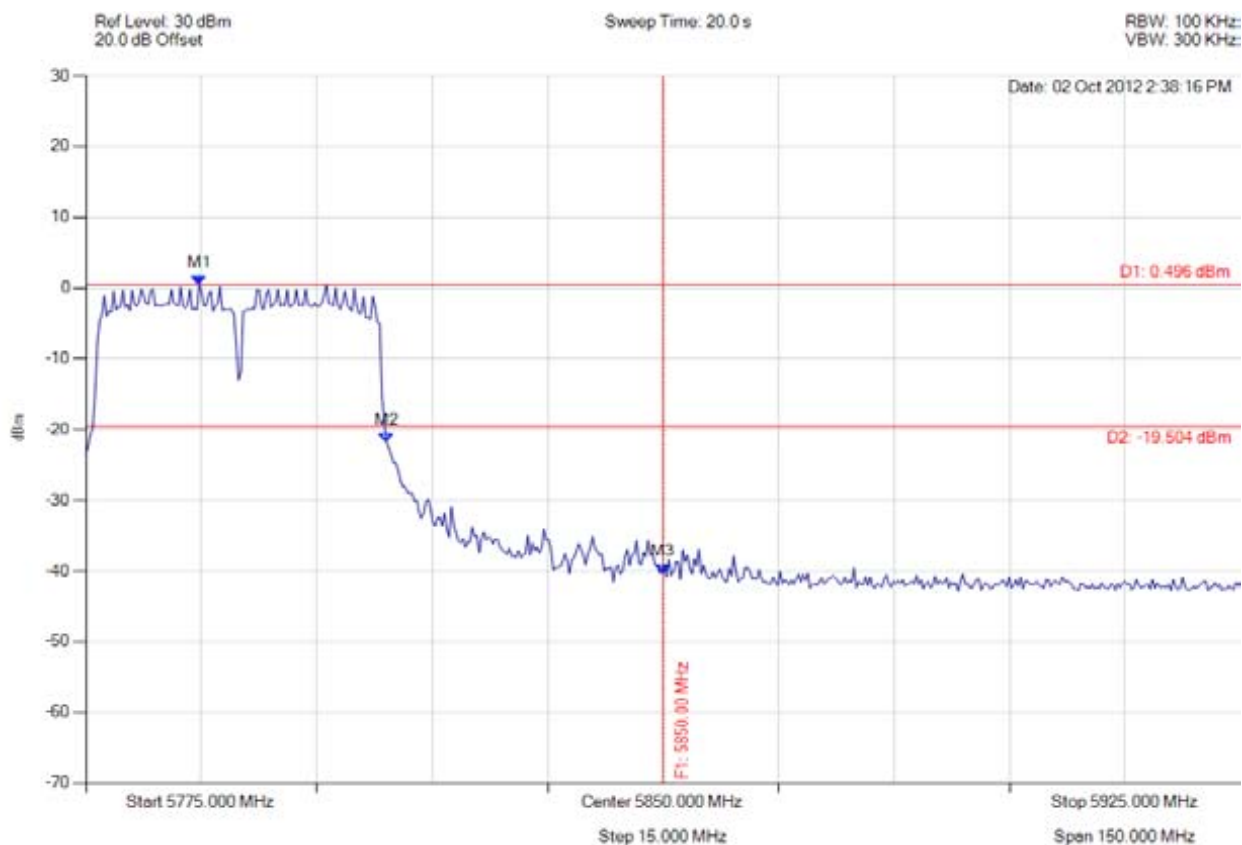


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band-edge

Variant: 802.11n HT-40, Channel: 5795.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5789.729 MHz : 0.496 dBm M2 : 5814.078 MHz : -21.867 dBm M3 : 5850.000 MHz : -40.351 dBm	Limit: -19.50 dBm Margin: 20.00 dB

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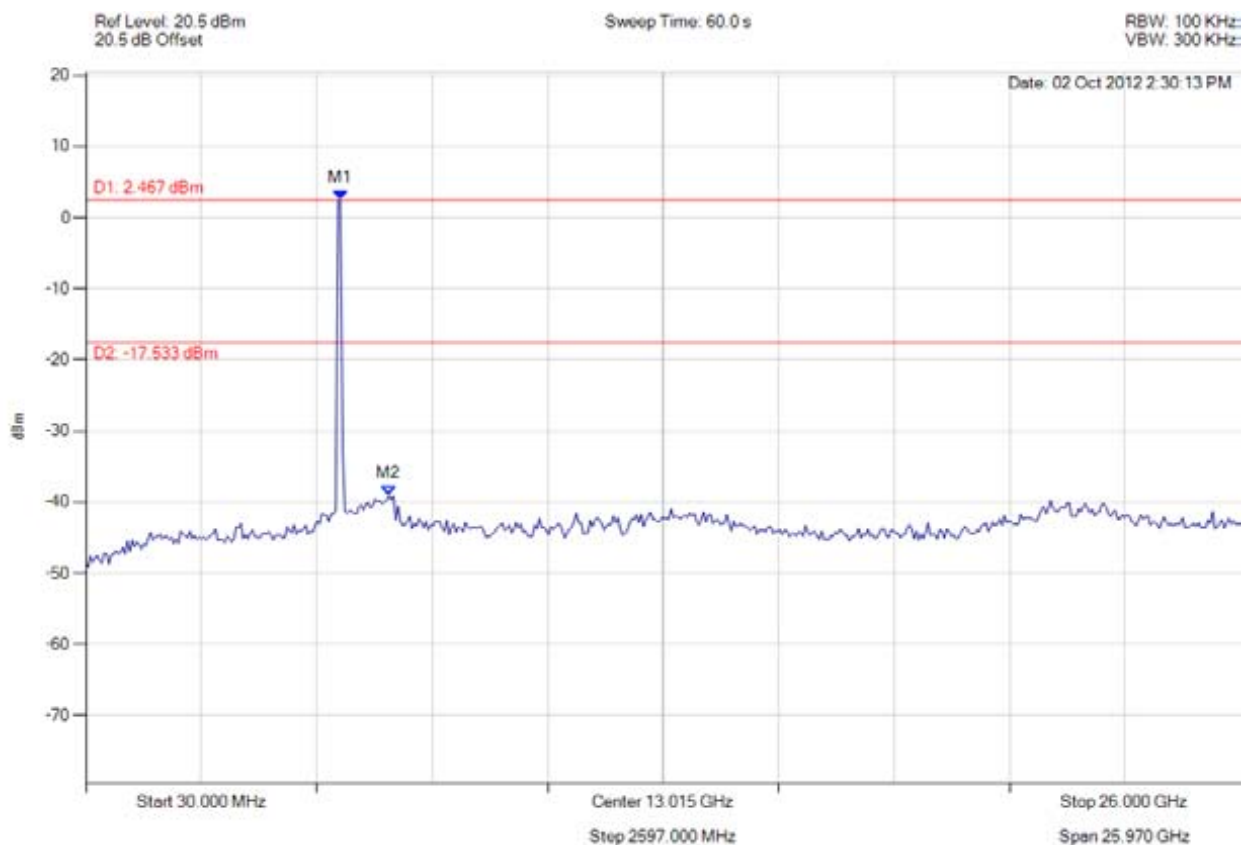


Title: Aruba Networks APINR108, APINR109 Wireless AP
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spurious

Variant: 802.11n HT-40, Channel: 5755.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5754.850 MHz : 2.467 dBm M2 : 6847.776 MHz : -39.052 dBm	Limit: -17.53 dBm Margin: -21.52 dB

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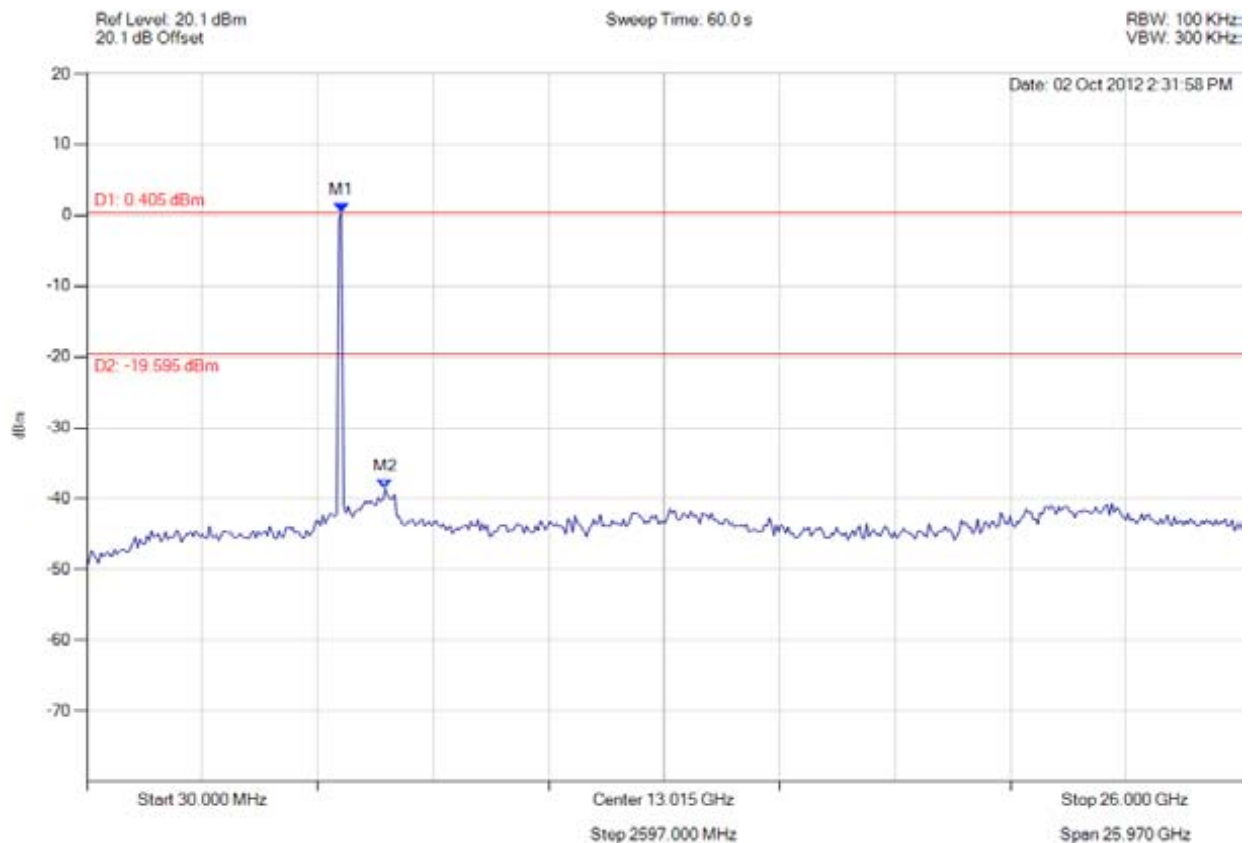


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spurious

Variant: 802.11n HT-40, Channel: 5755.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5754.850 MHz : 0.405 dBm M2 : 6743.687 MHz : -38.655 dBm	Limit: -19.60 dBm Margin: -19.06 dB

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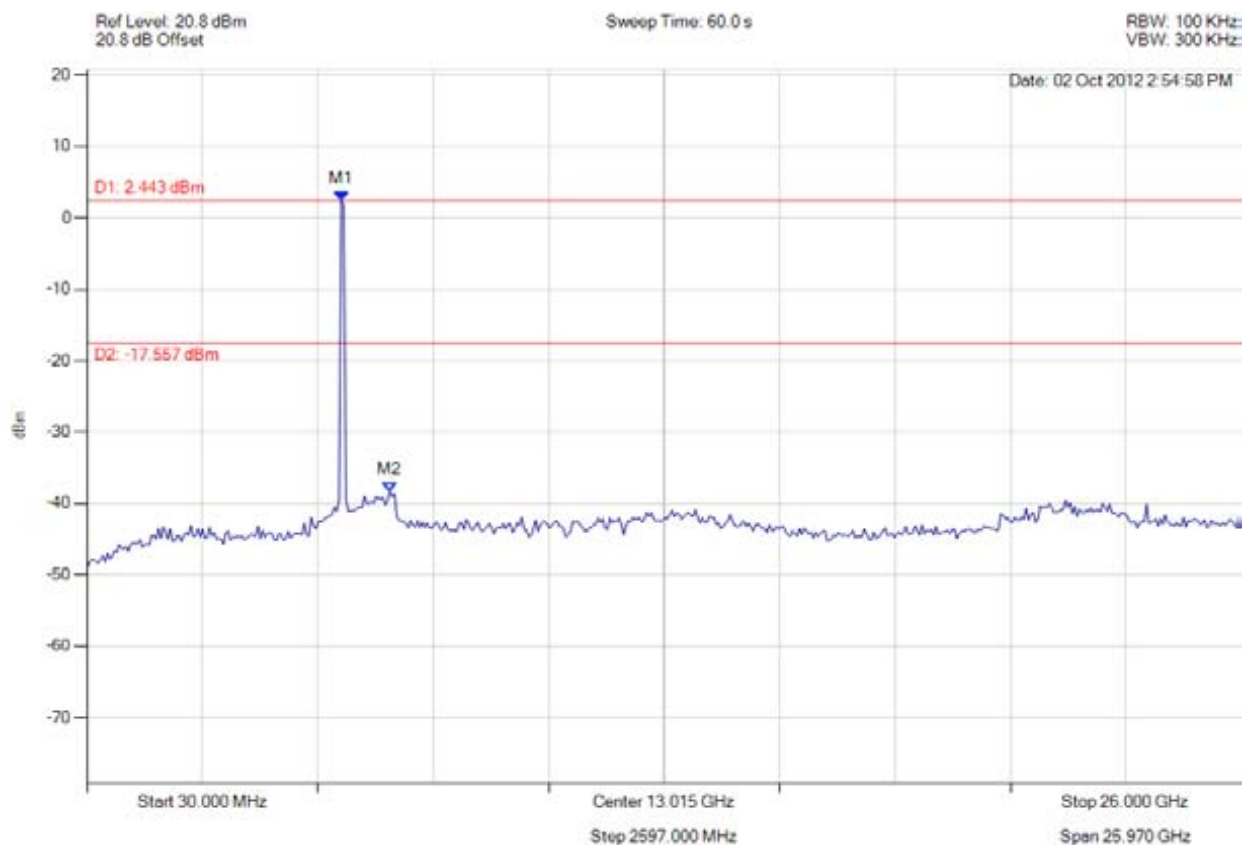


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spurious

Variant: 802.11n HT-40, Channel: 5795.00 MHz, Chain a, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5754.850 MHz : 2.443 dBm M2 : 6847.776 MHz : -38.311 dBm	Limit: -17.56 dBm Margin: -20.75 dB

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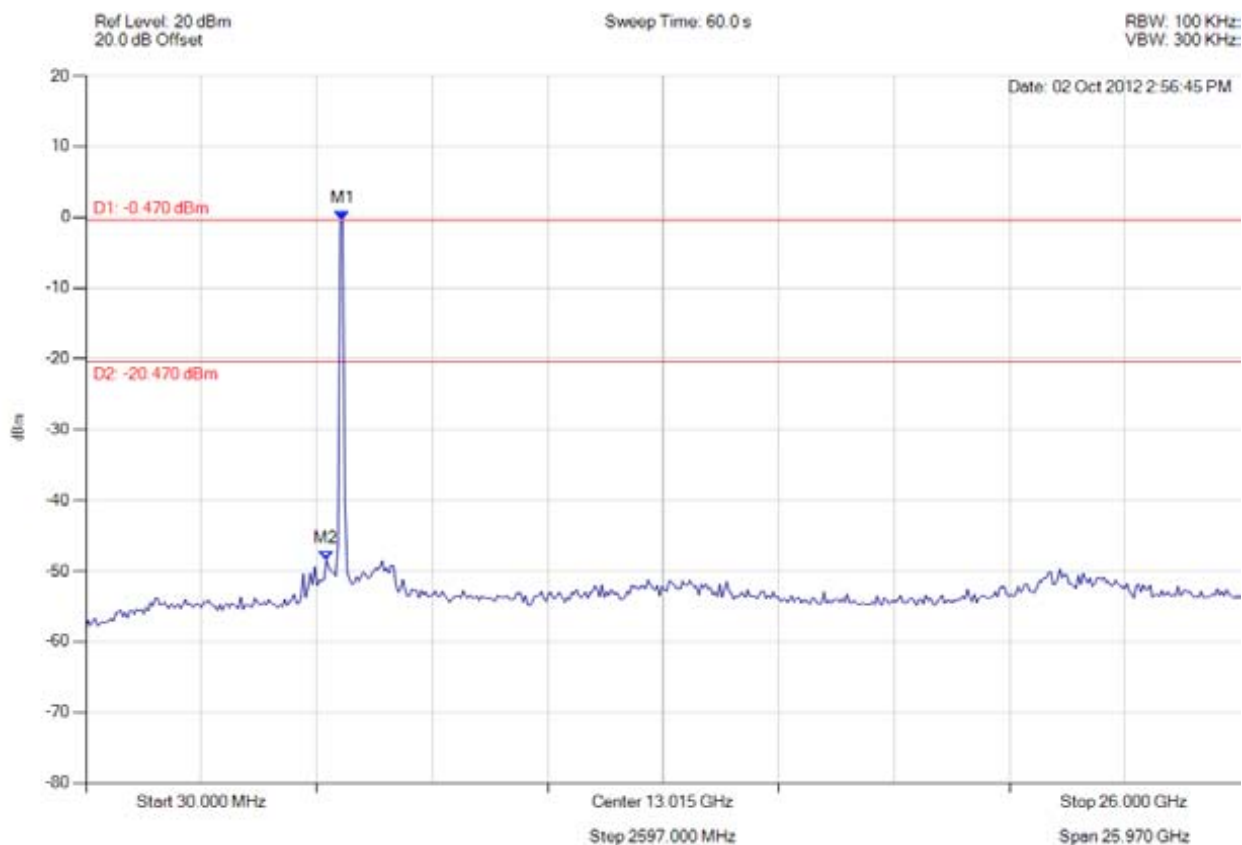


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spurious

Variant: 802.11n HT-40, Channel: 5795.00 MHz, Chain b, Temp: Ambient, Voltage: 12.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 10 Trace Mode = VIEW	M1 : 5806.894 MHz : -0.470 dBm M2 : 5442.585 MHz : -48.460 dBm	Limit: -20.47 dBm Margin: -27.99 dB

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