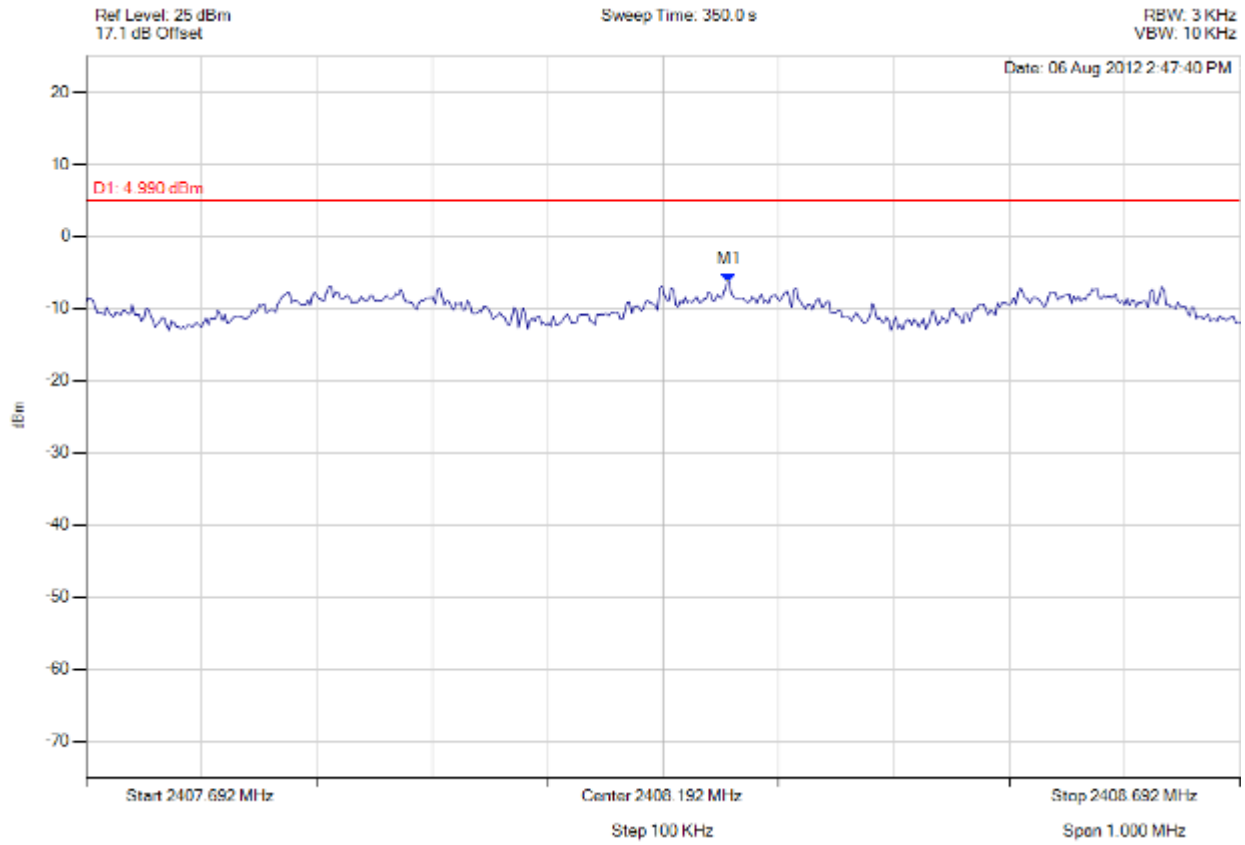
## A.1.3. Power Spectral Density

**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2408.249 MHz : -6.295 dBm | Limit: 4.990 dBm<br>Margin: -11.28 dB |

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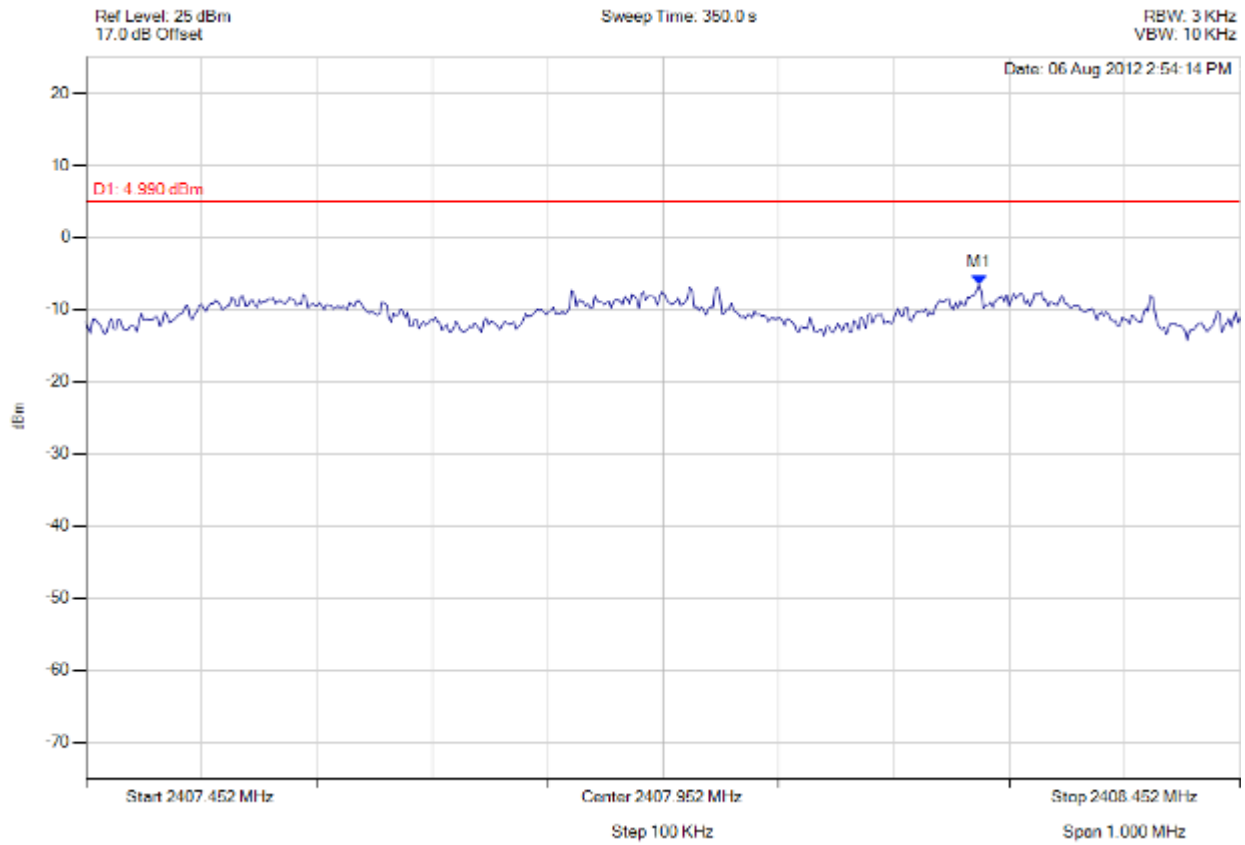
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2408.225 MHz : -6.482 dBm | Limit: 4.990 dBm<br>Margin: -11.47 dB |

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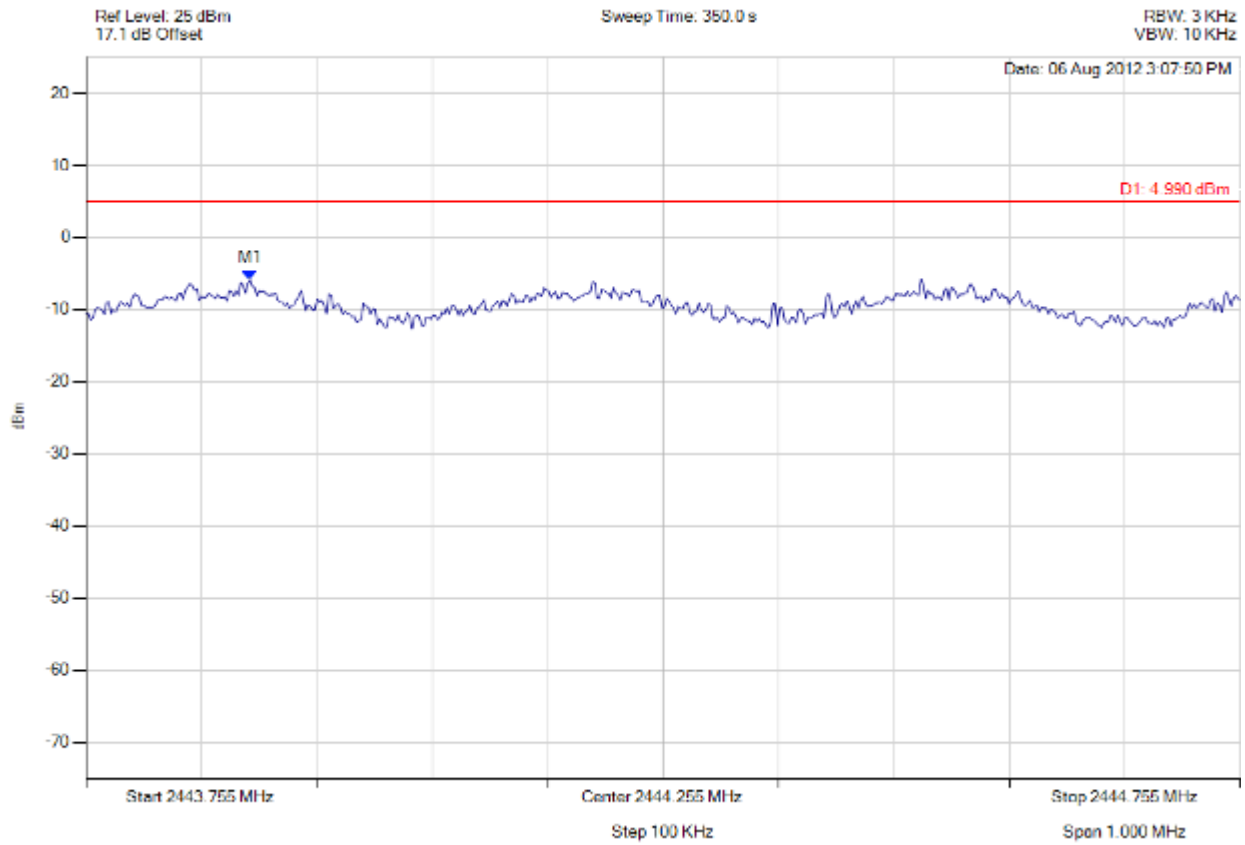
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2443.897 MHz : -5.805 dBm | Limit: 4.990 dBm<br>Margin: -10.79 dB |

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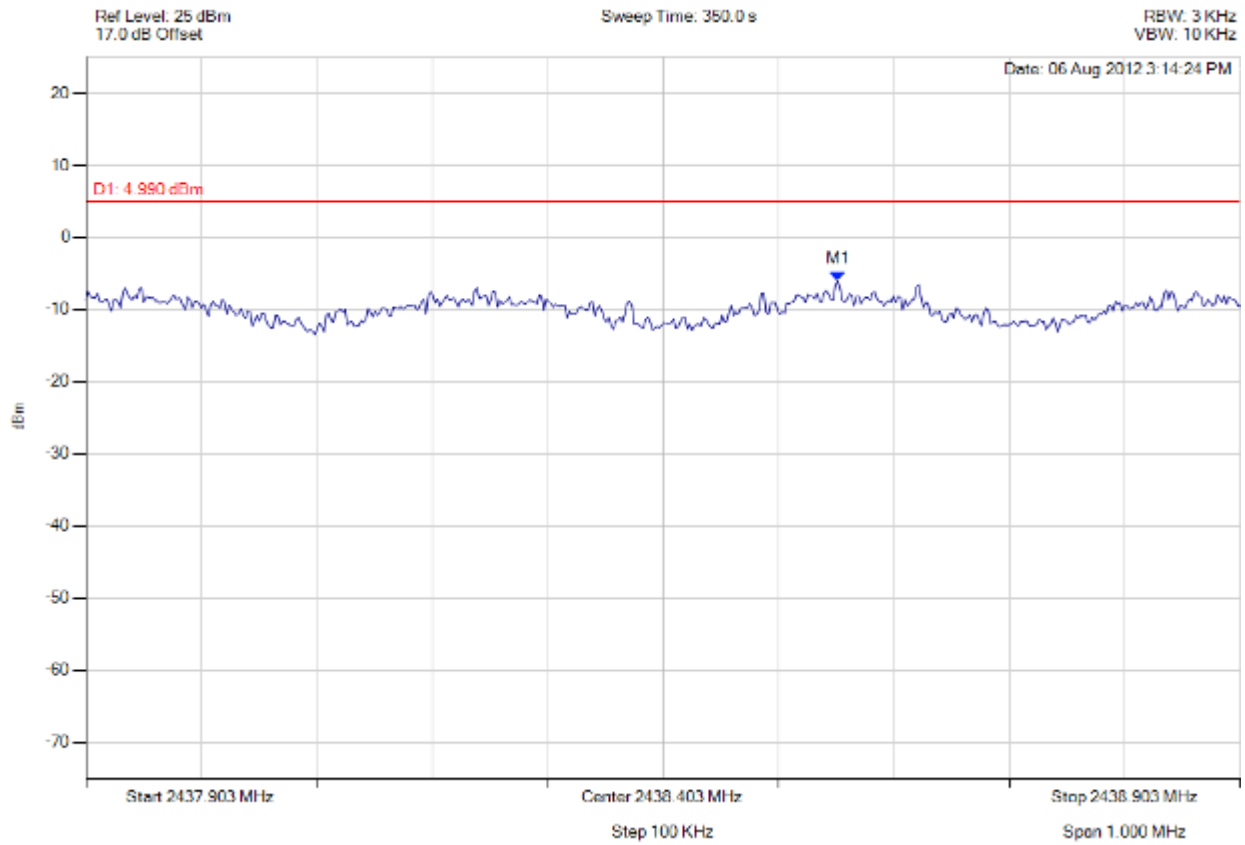
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2438.554 MHz : -5.964 dBm | Limit: 4.990 dBm<br>Margin: -10.95 dB |

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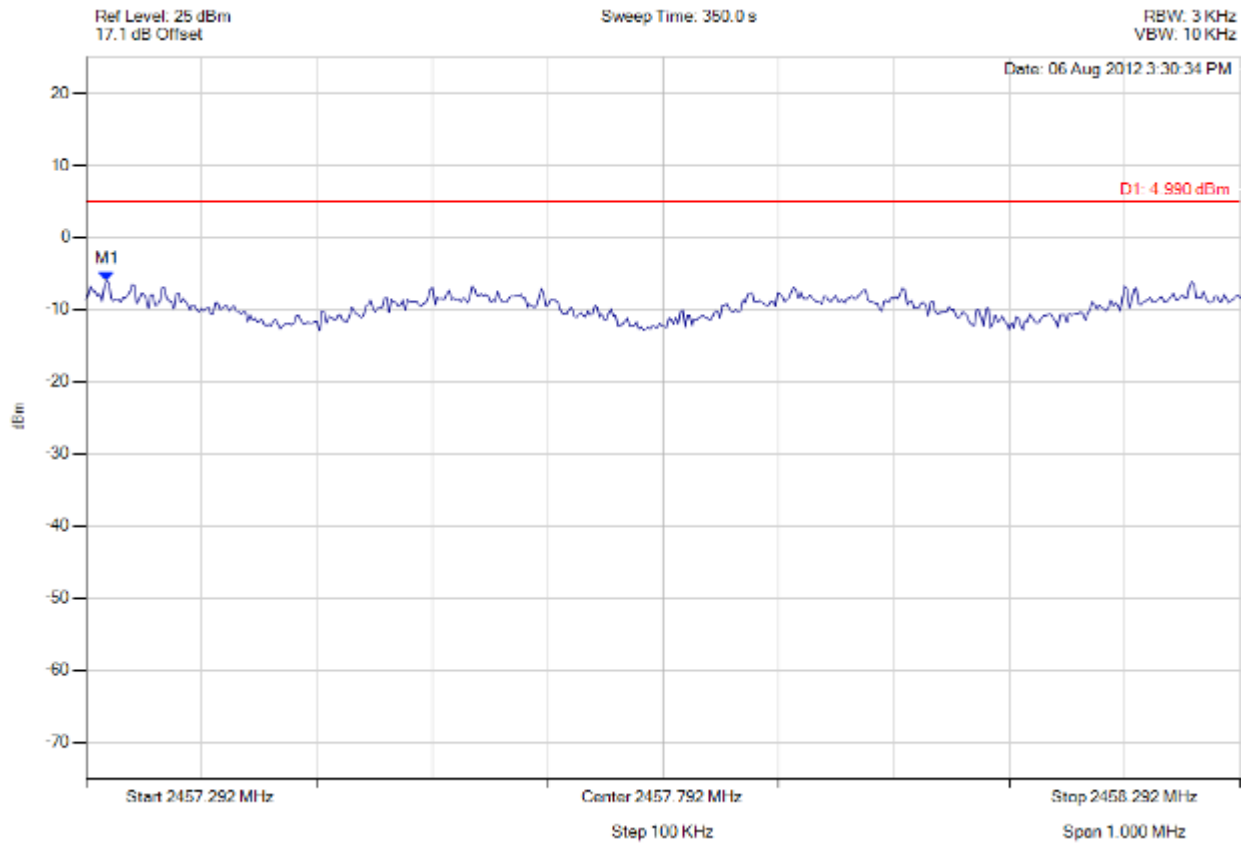
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2457.310 MHz : -6.082 dBm | Limit: 4.990 dBm<br>Margin: -11.07 dB |

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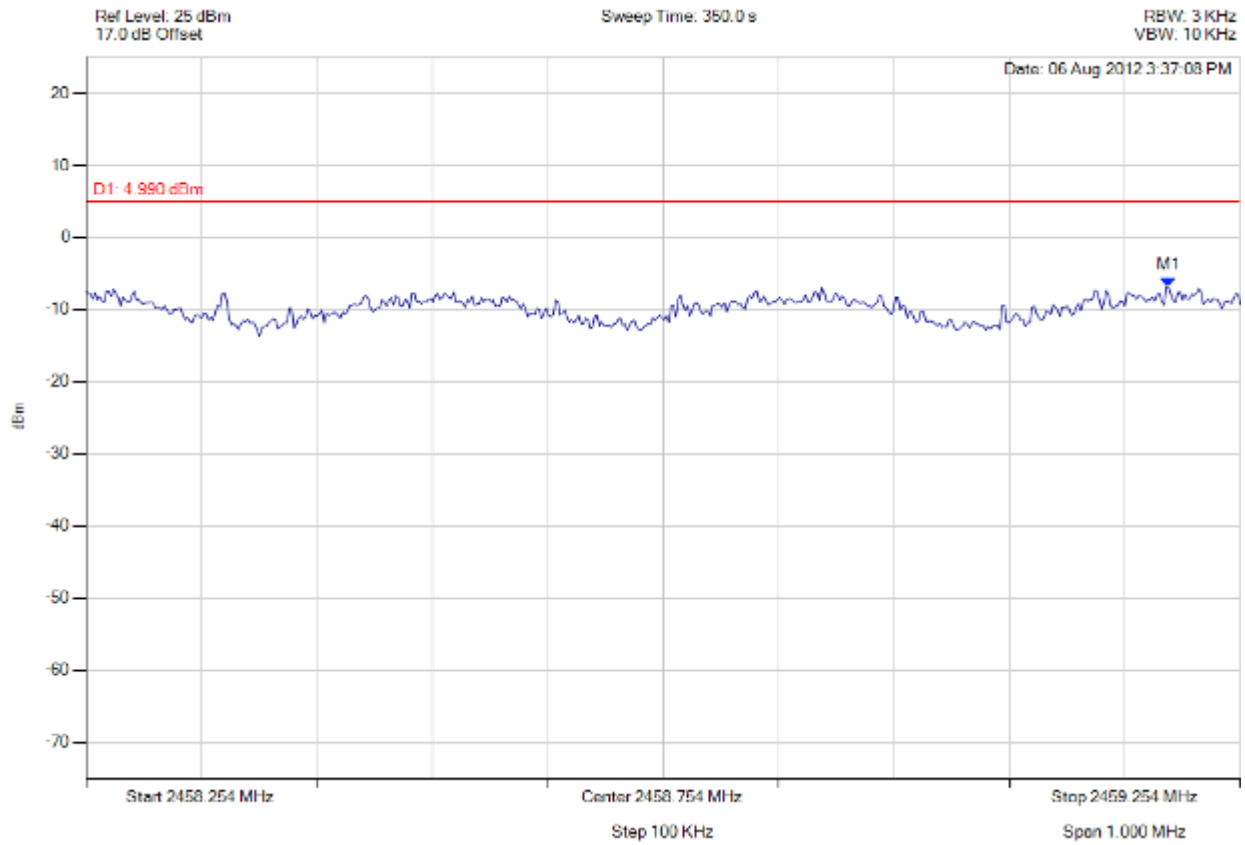
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2459.191 MHz : -6.855 dBm | Limit: 4.990 dBm<br>Margin: -11.84 dB |

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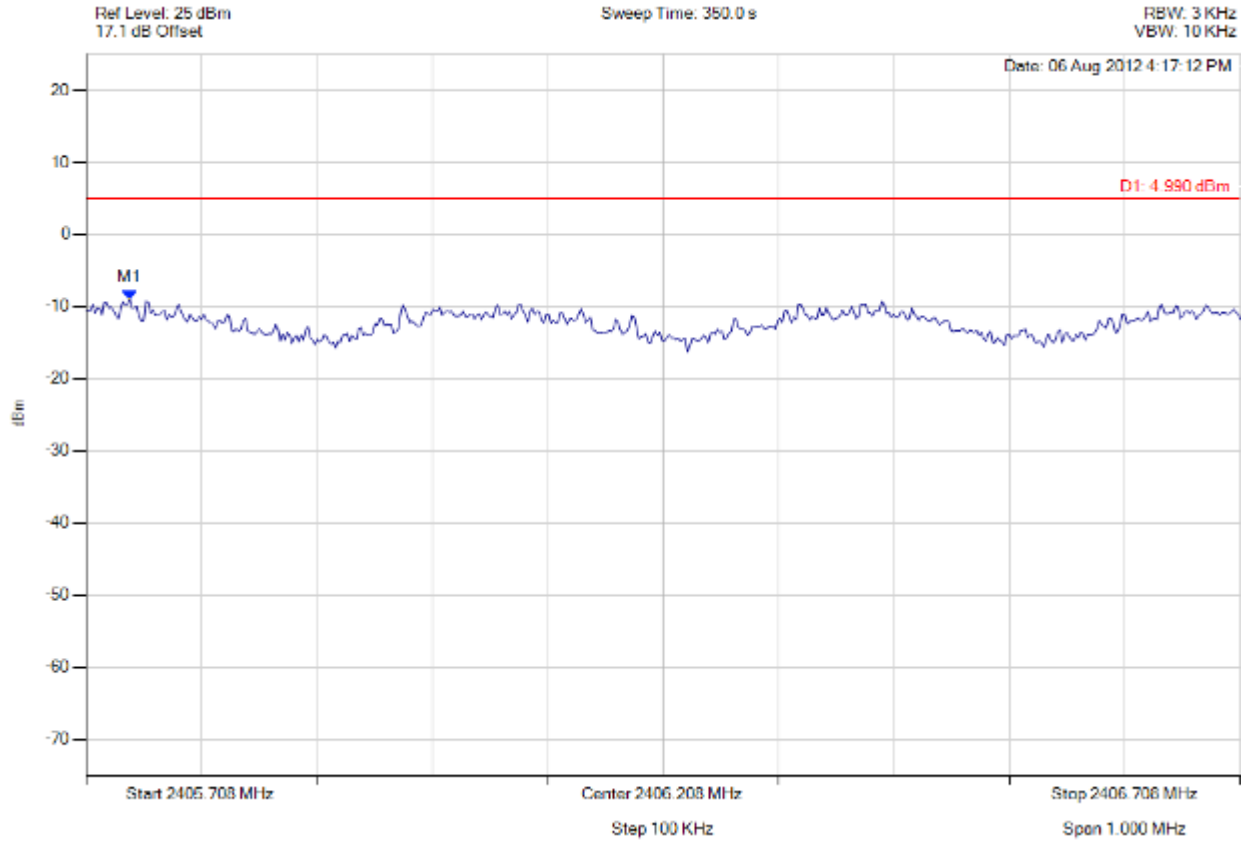
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2405.746 MHz : -8.972 dBm | Limit: 4.990 dBm<br>Margin: -13.96 dB |

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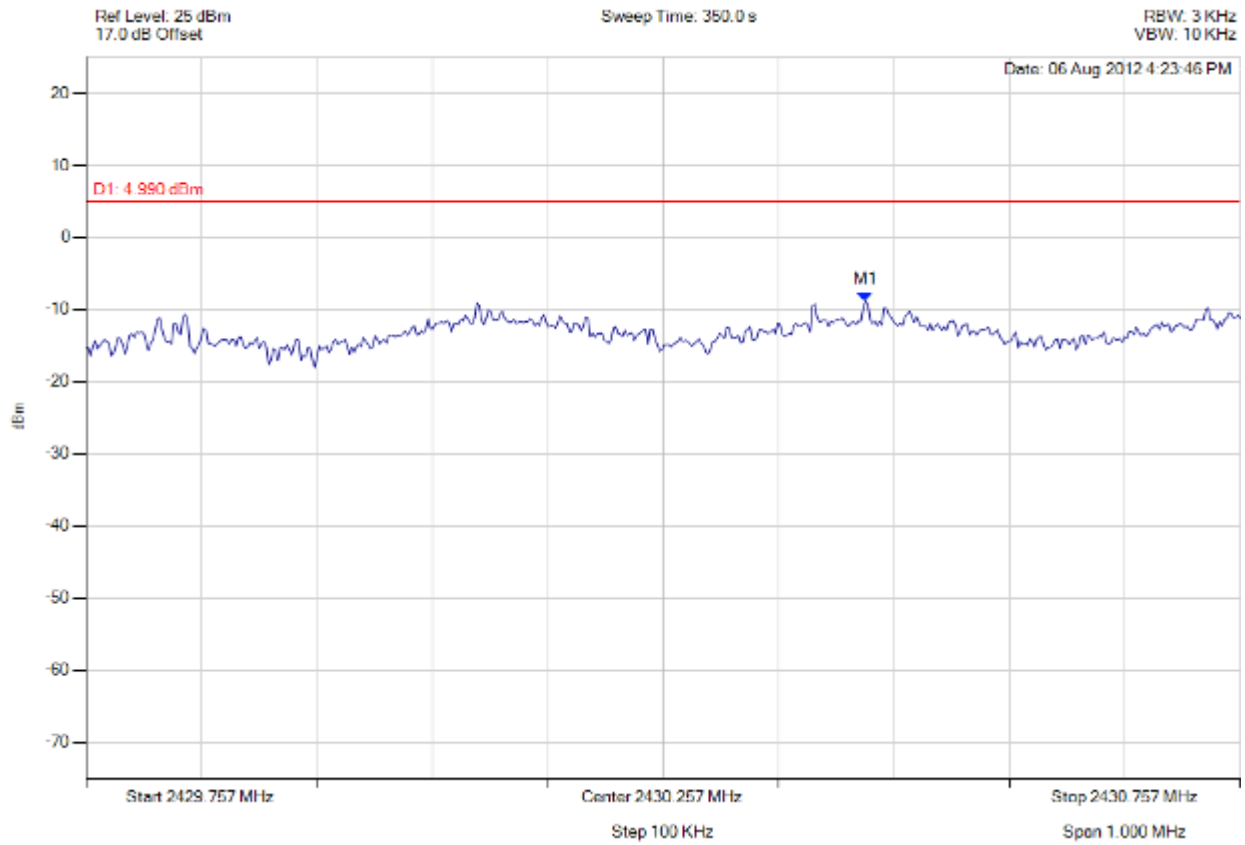
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2430.432 MHz : -8.848 dBm | Limit: 4.990 dBm<br>Margin: -13.84 dB |

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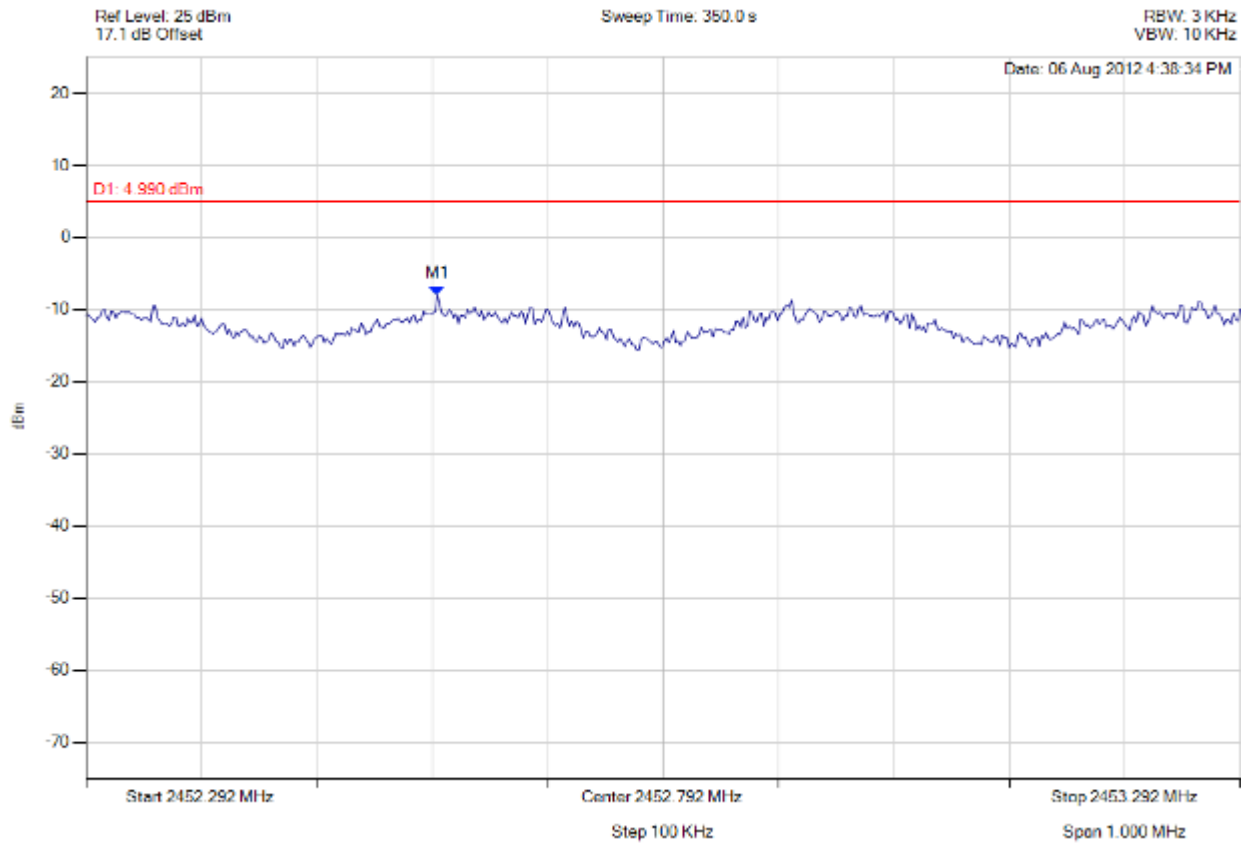
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2452.596 MHz : -8.038 dBm | Limit: 4.990 dBm<br>Margin: -13.03 dB |

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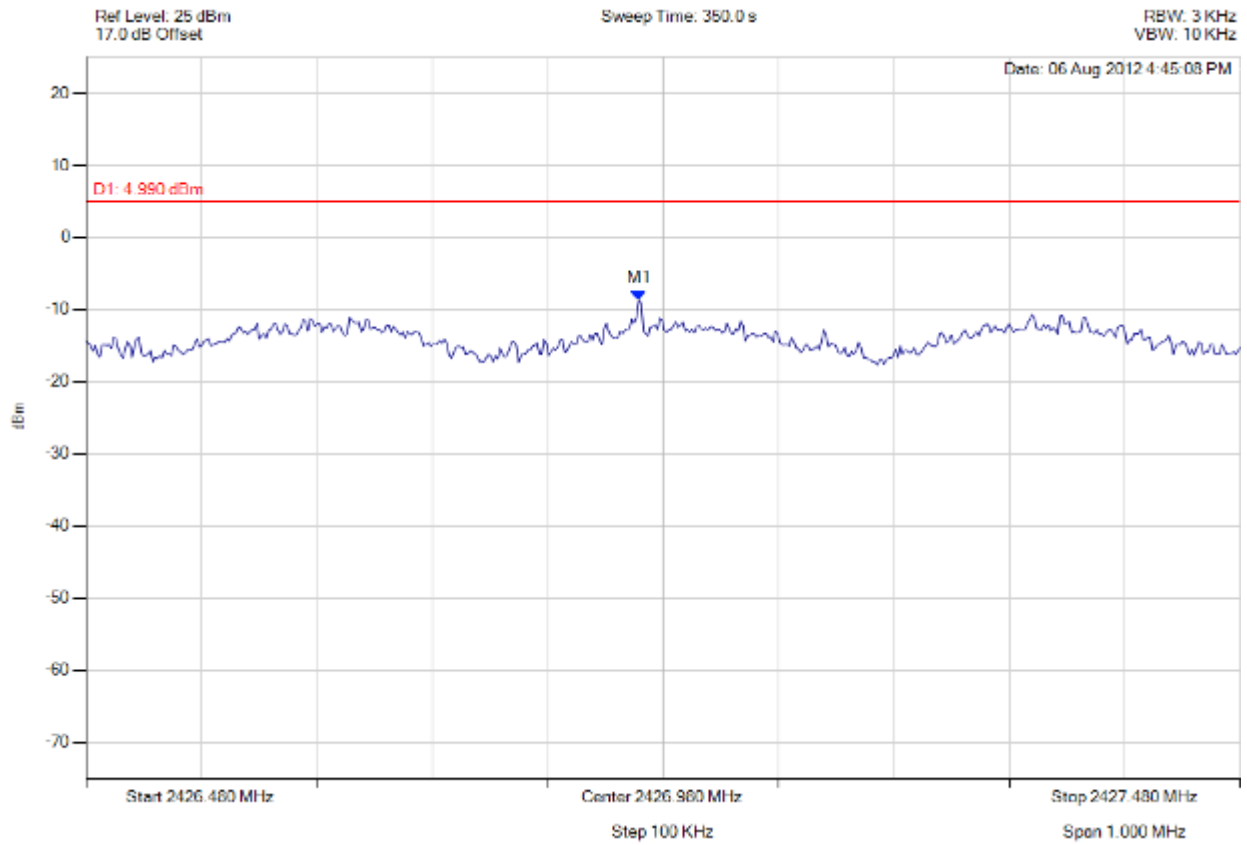
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2426.959 MHz : -8.720 dBm | Limit: 4.990 dBm<br>Margin: -13.71 dB |

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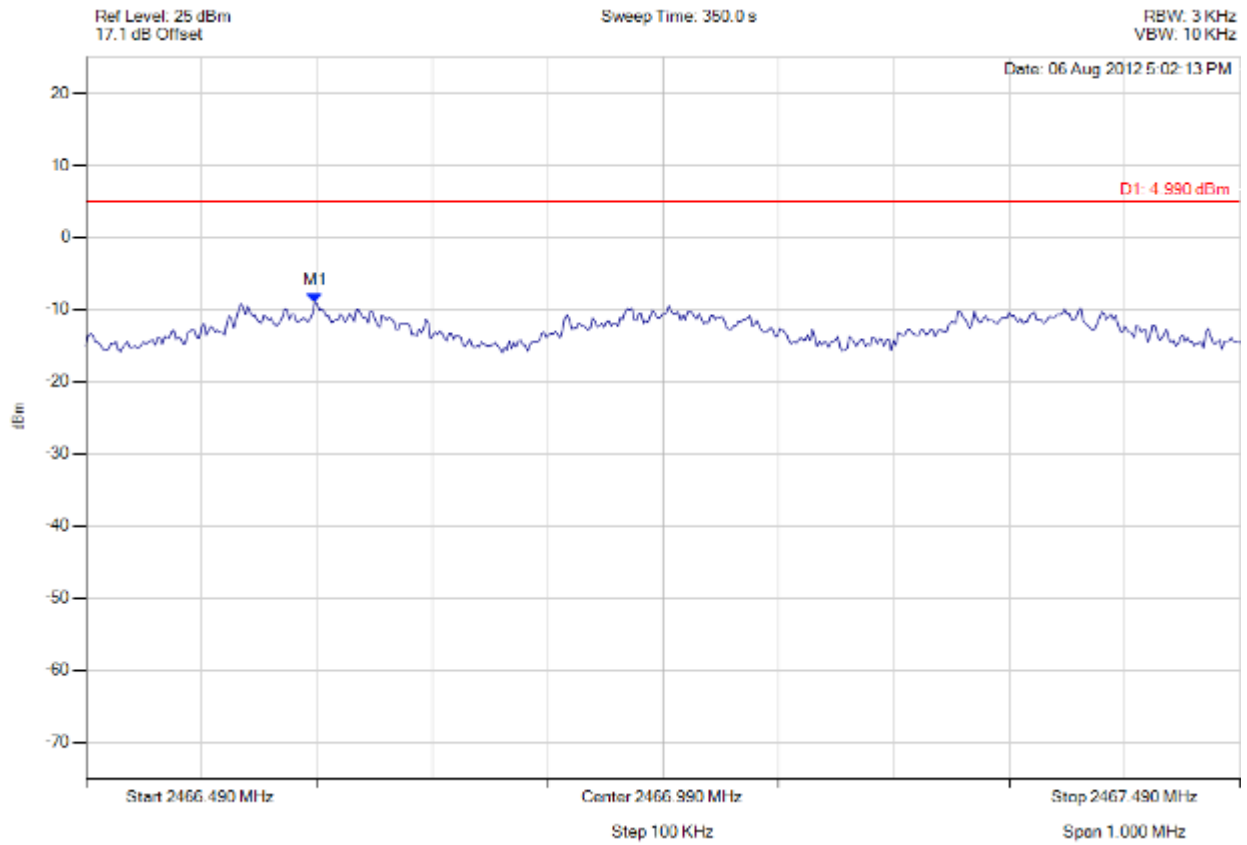
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2466.688 MHz : -9.010 dBm | Limit: 4.990 dBm<br>Margin: -14.00 dB |

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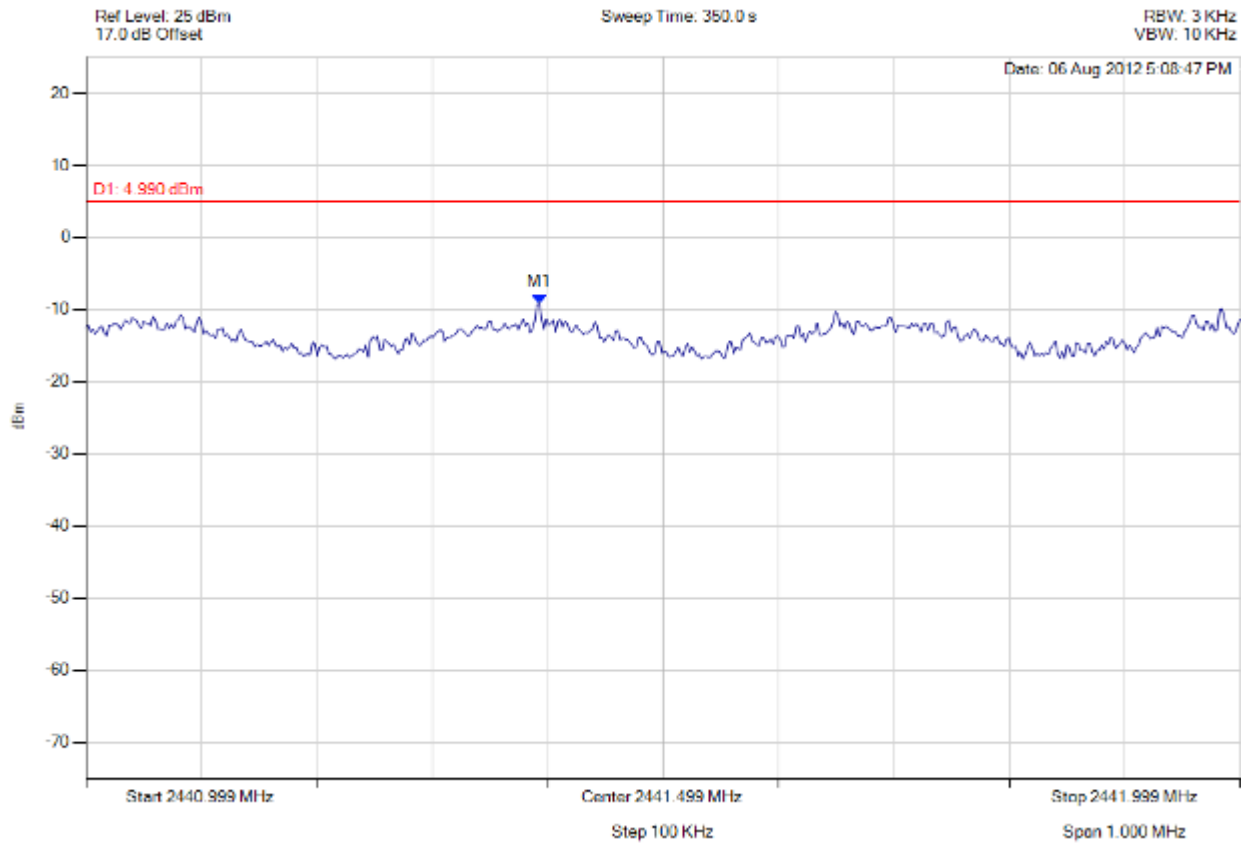
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2441.392 MHz : -9.204 dBm | Limit: 4.990 dBm<br>Margin: -14.19 dB |

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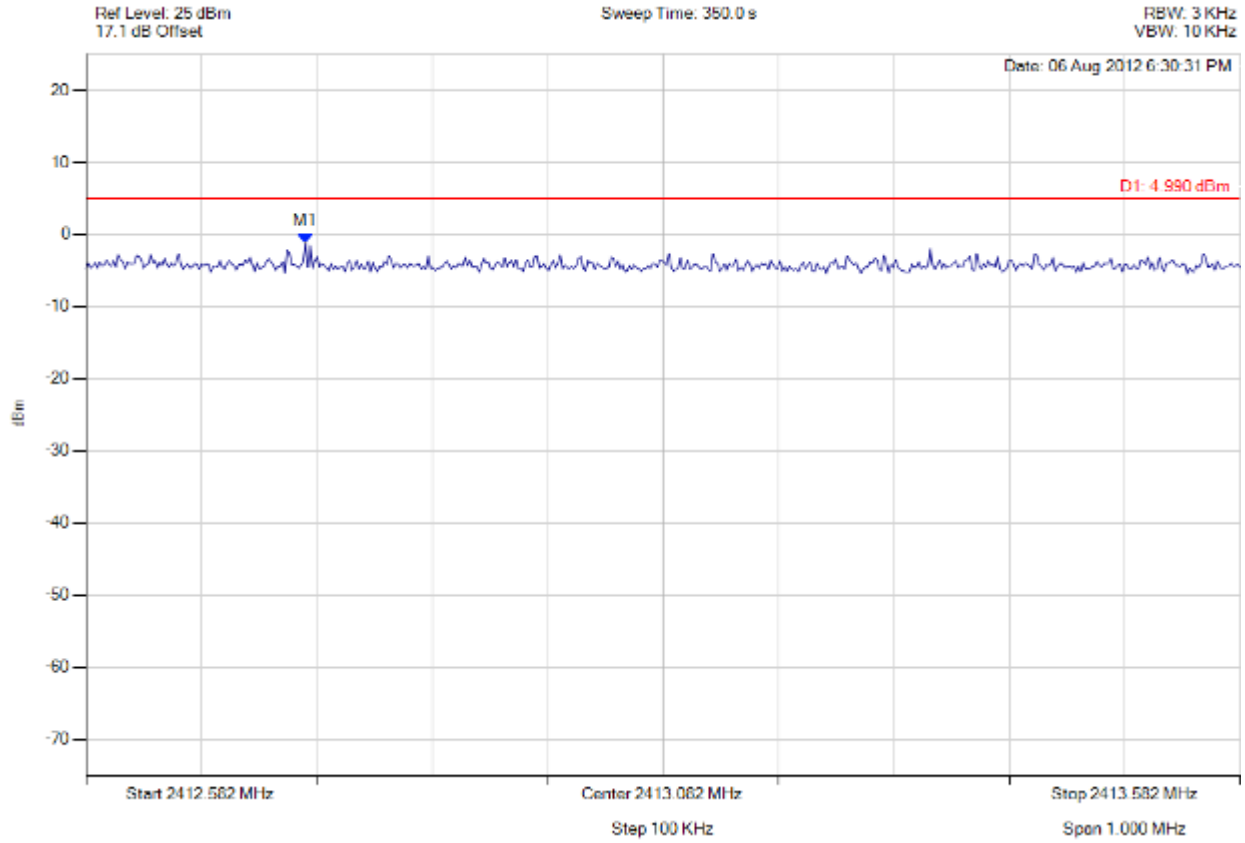
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2412.773 MHz : -1.142 dBm | Limit: 4.990 dBm<br>Margin: -6.13 dB |

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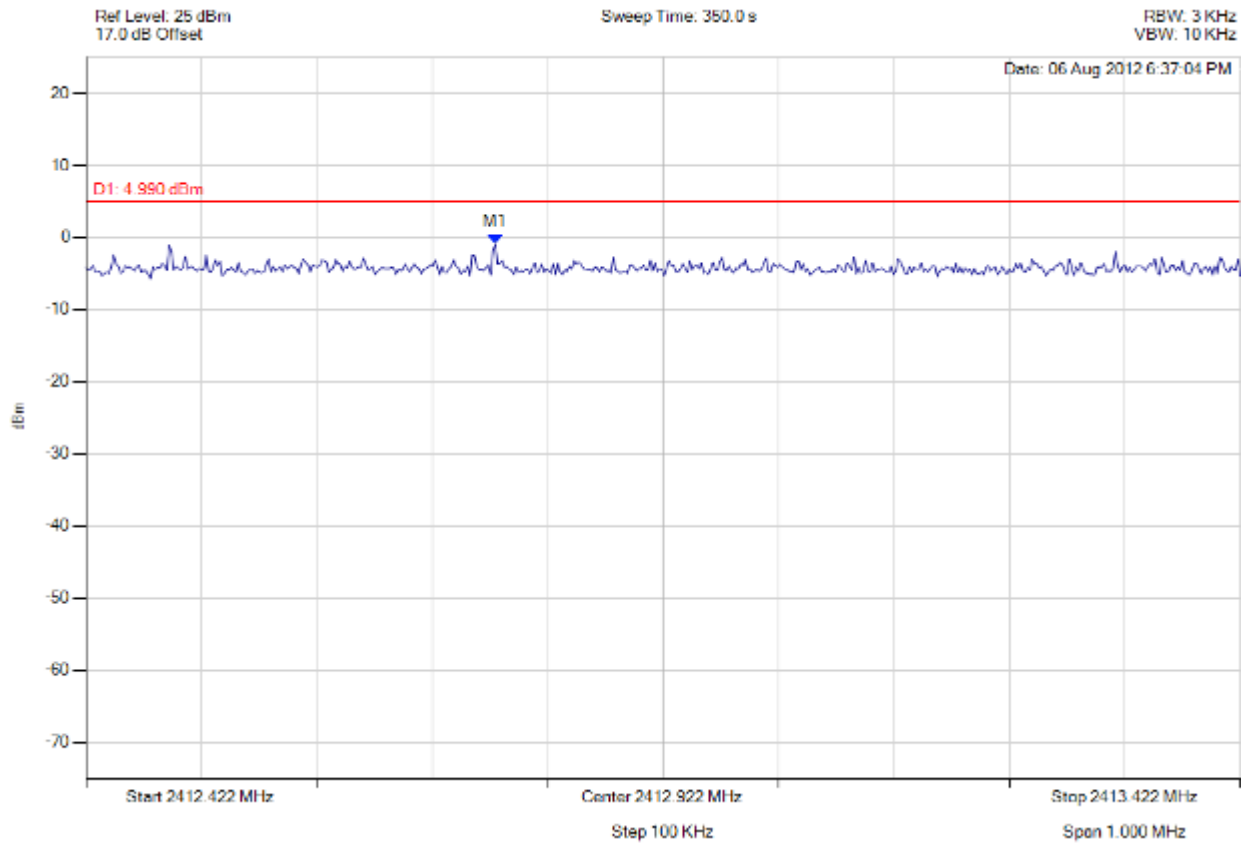
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2412.777 MHz : -0.890 dBm | Limit: 4.990 dBm<br>Margin: -5.88 dB |

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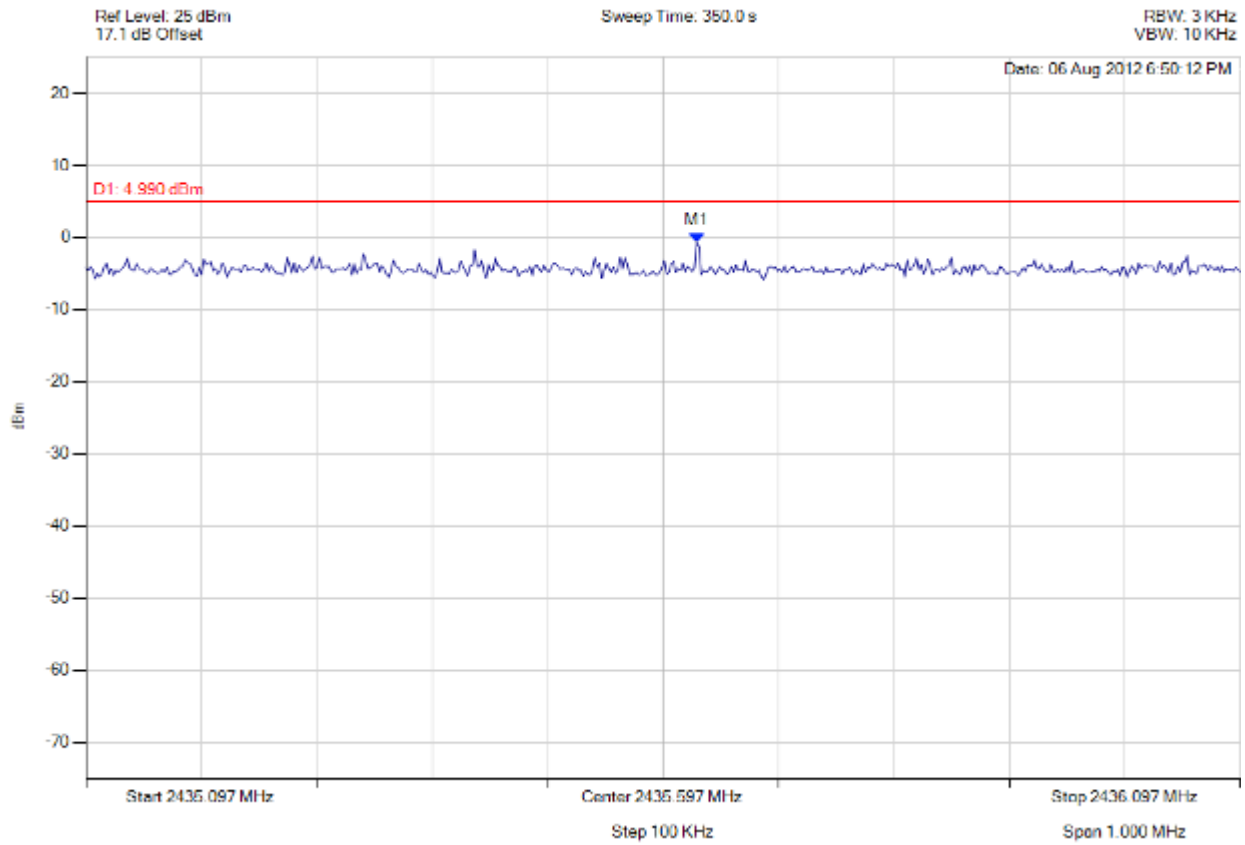
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2435.626 MHz : -0.664 dBm | Limit: 4.990 dBm<br>Margin: -5.65 dB |

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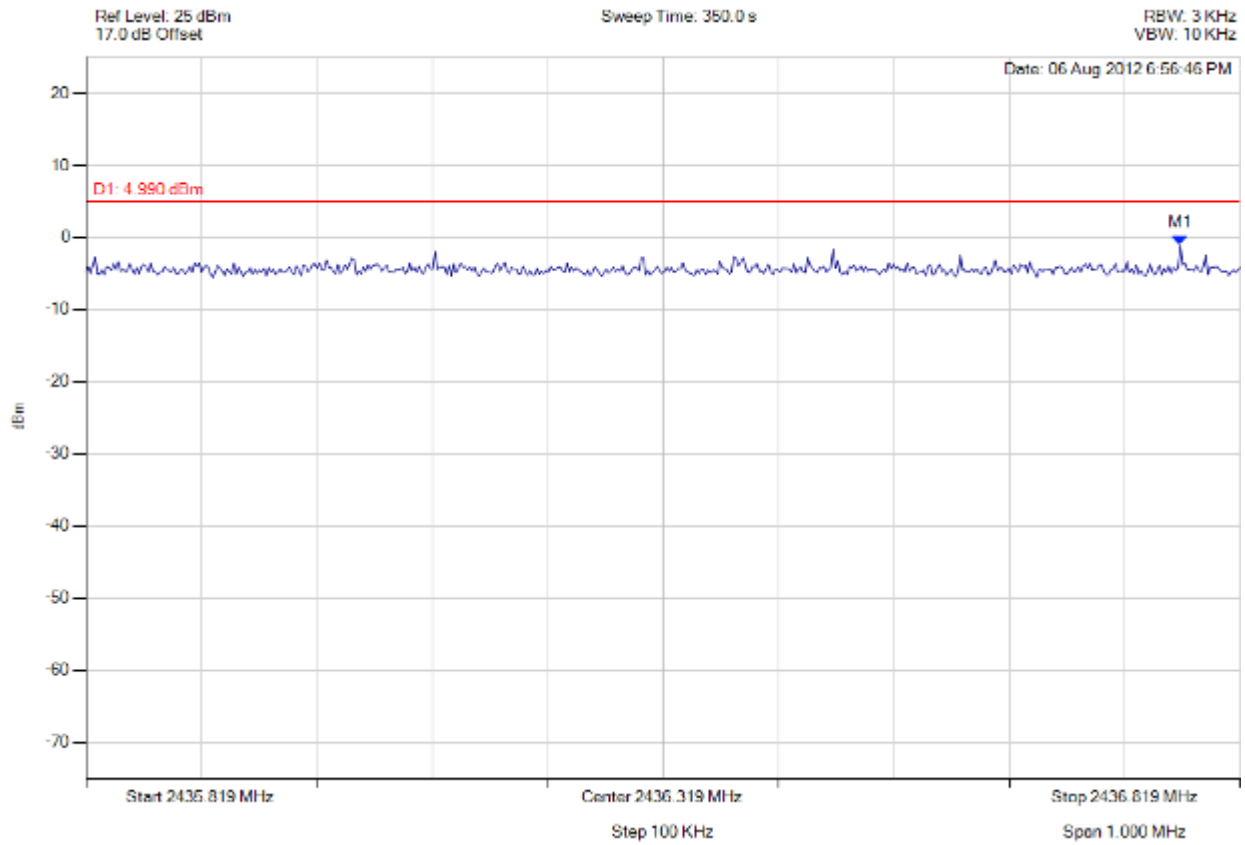
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2436.767 MHz : -1.103 dBm | Limit: 4.990 dBm<br>Margin: -6.09 dB |

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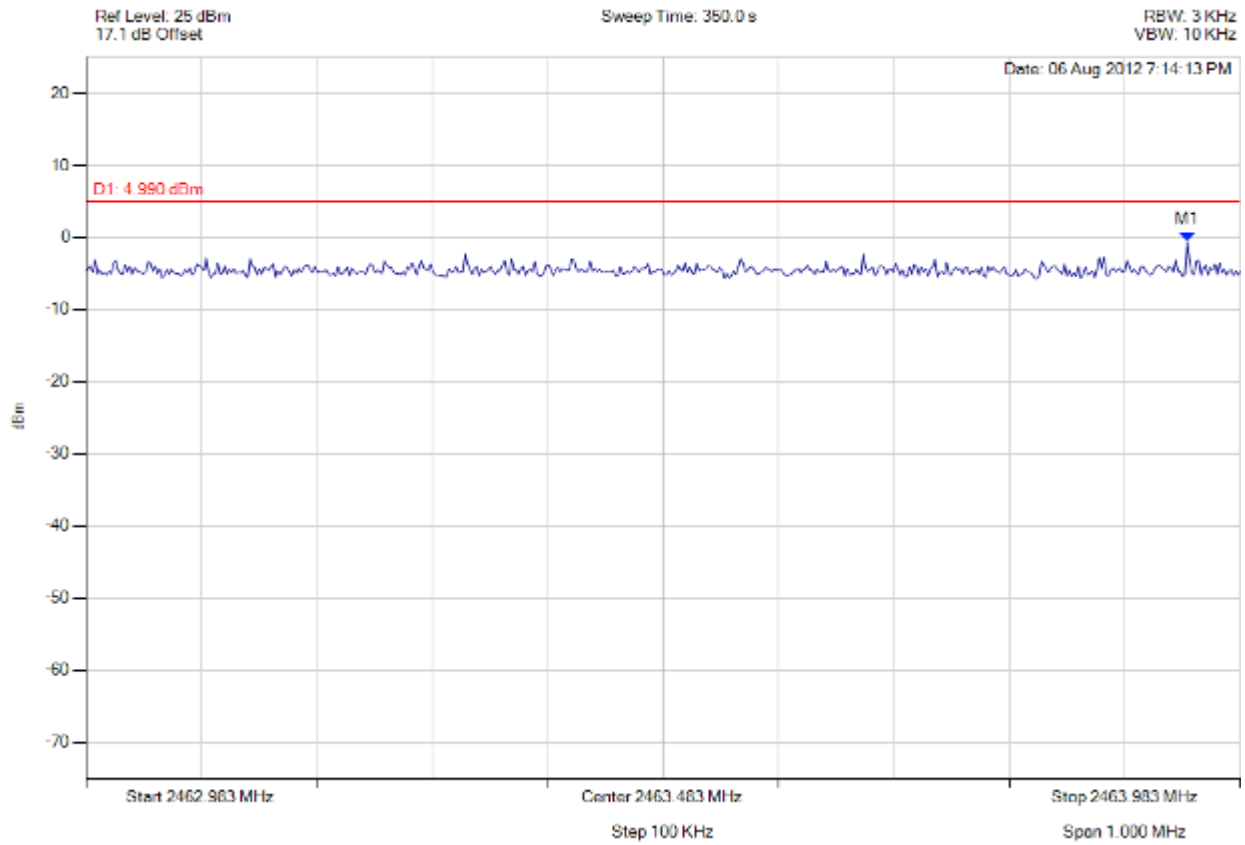
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2463.937 MHz : -0.568 dBm | Limit: 4.990 dBm<br>Margin: -5.56 dB |

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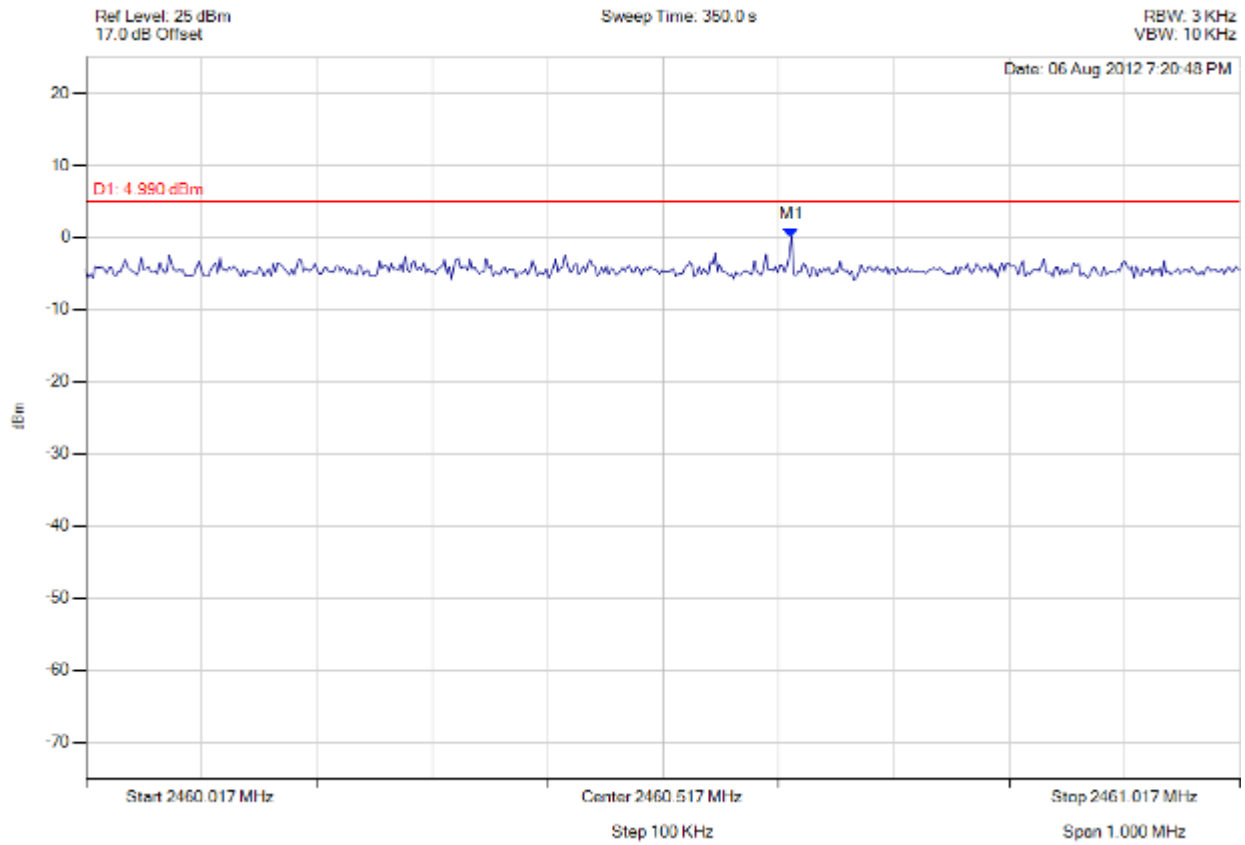
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2460.628 MHz : 0.046 dBm | Limit: 4.990 dBm<br>Margin: -4.94 dB |

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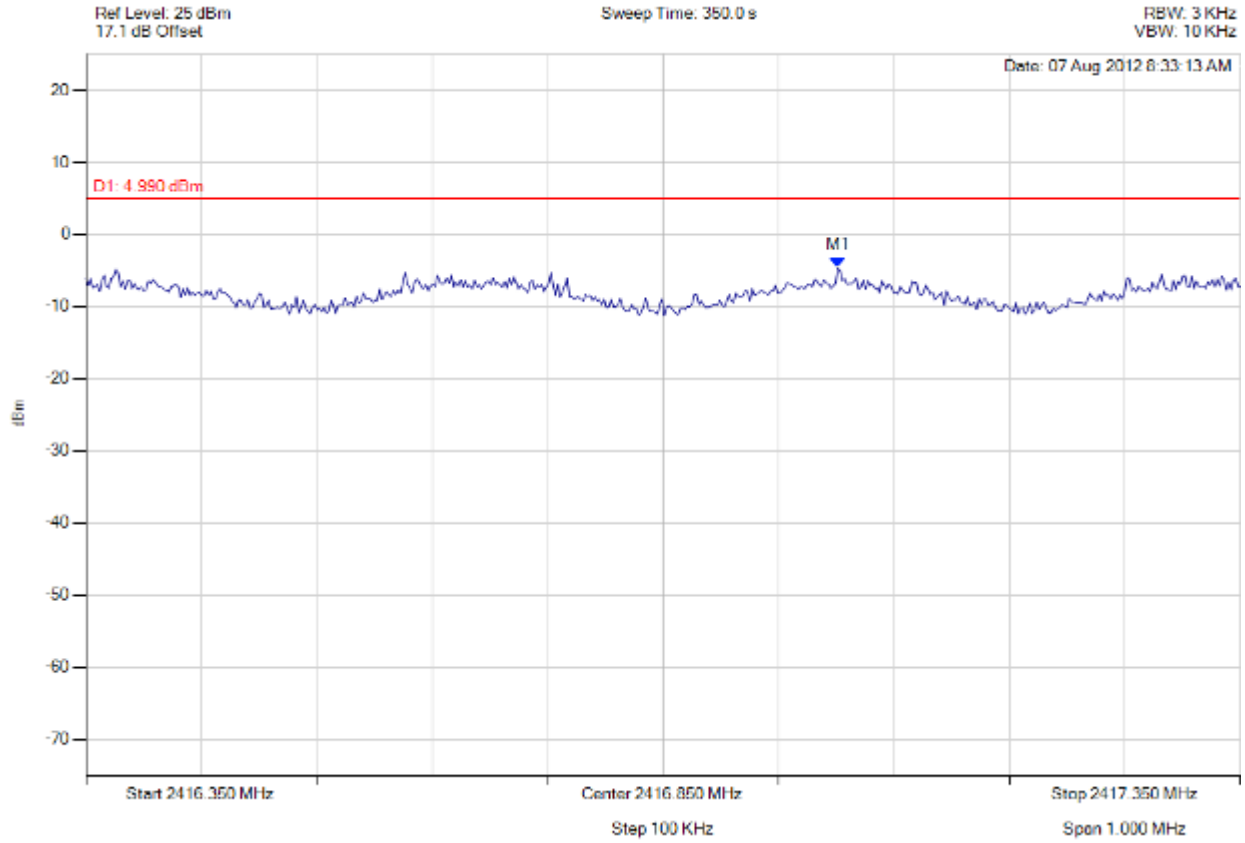
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2417.001 MHz : -4.609 dBm | Limit: 4.990 dBm<br>Margin: -9.60 dB |

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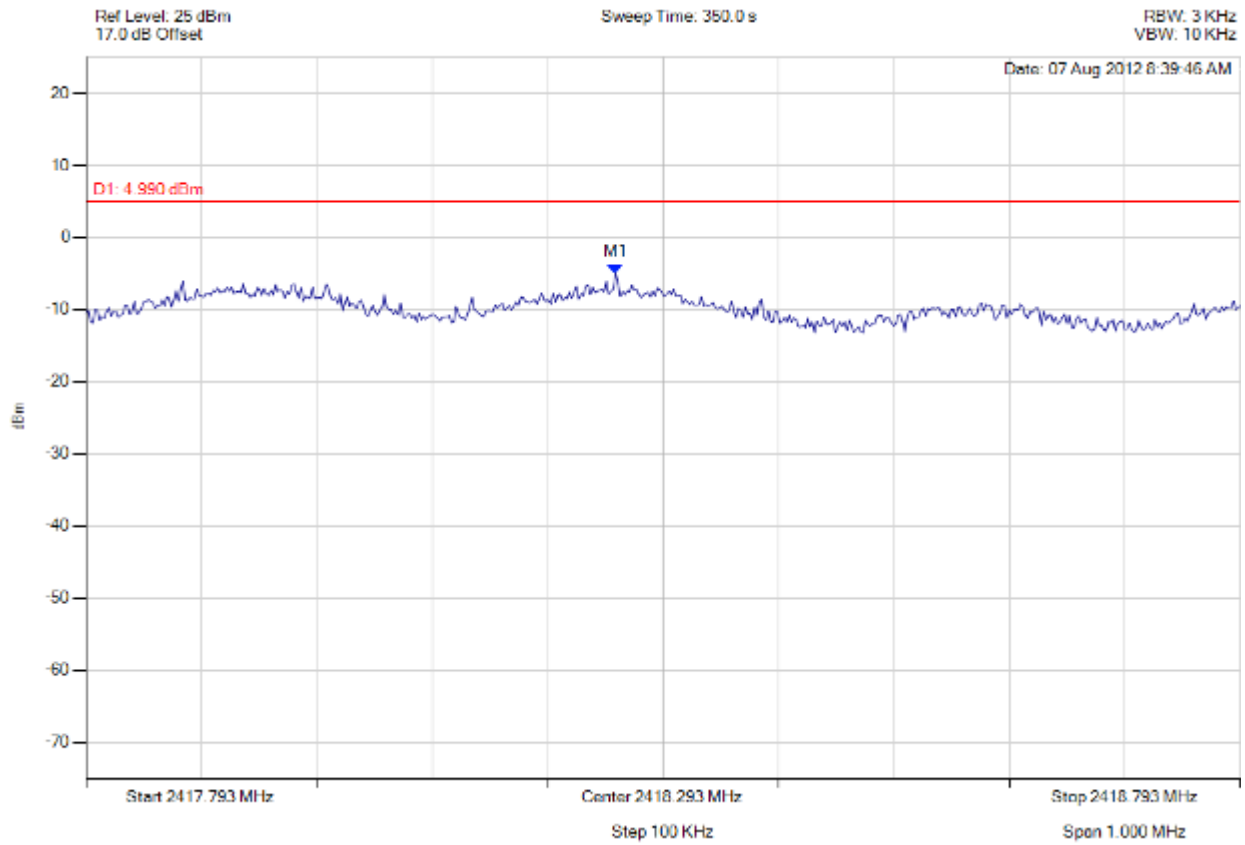
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2418.252 MHz : -4.971 dBm | Limit: 4.990 dBm<br>Margin: -9.96 dB |

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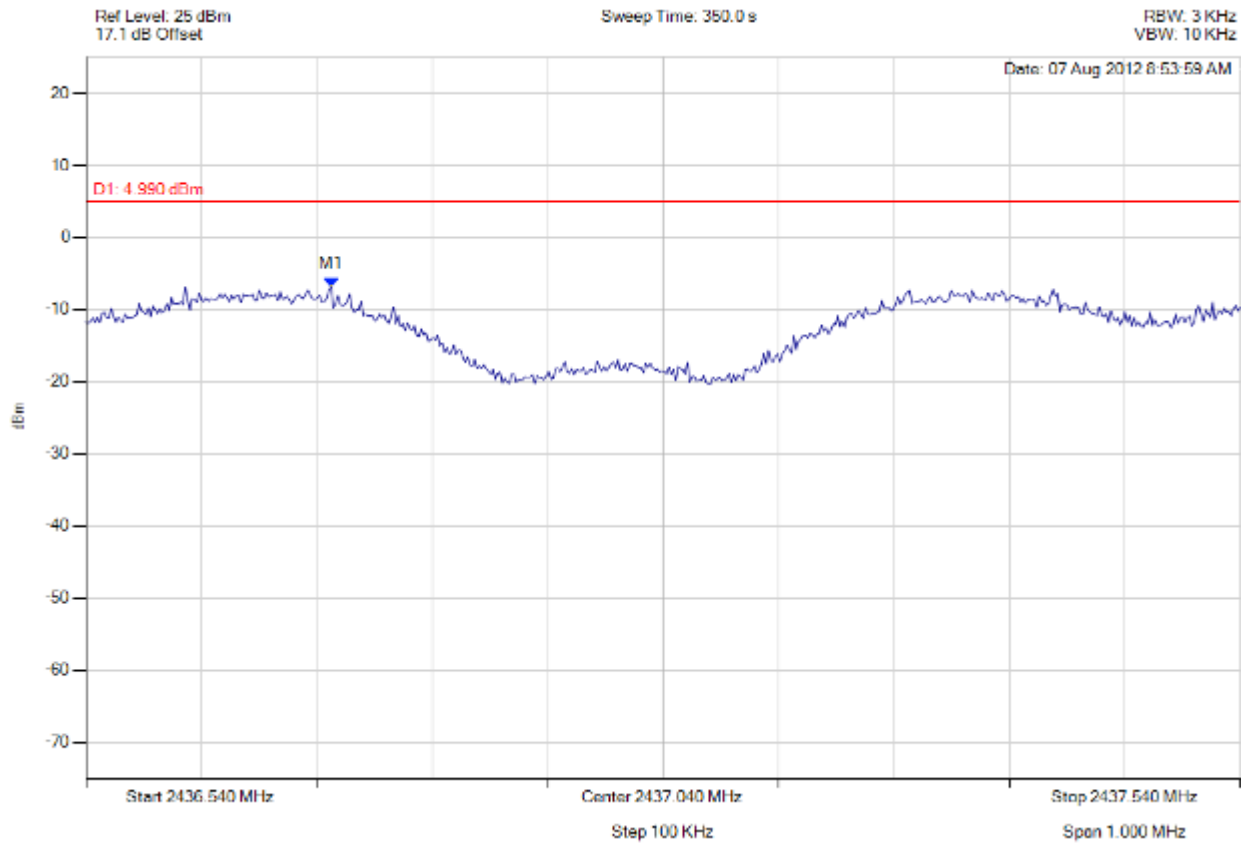
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2436.753 MHz : -6.787 dBm | Limit: 4.990 dBm<br>Margin: -11.78 dB |

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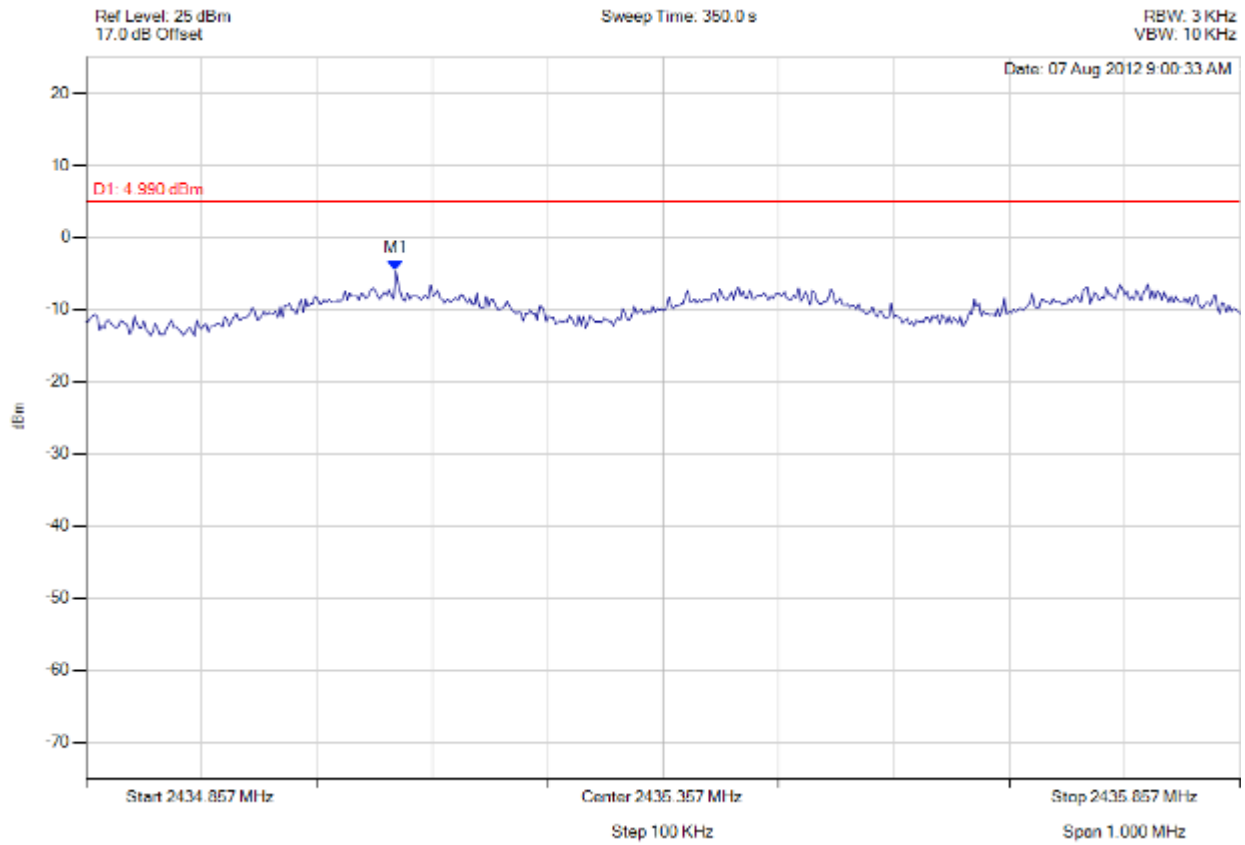
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2435.125 MHz : -4.583 dBm | Limit: 4.990 dBm<br>Margin: -9.57 dB |

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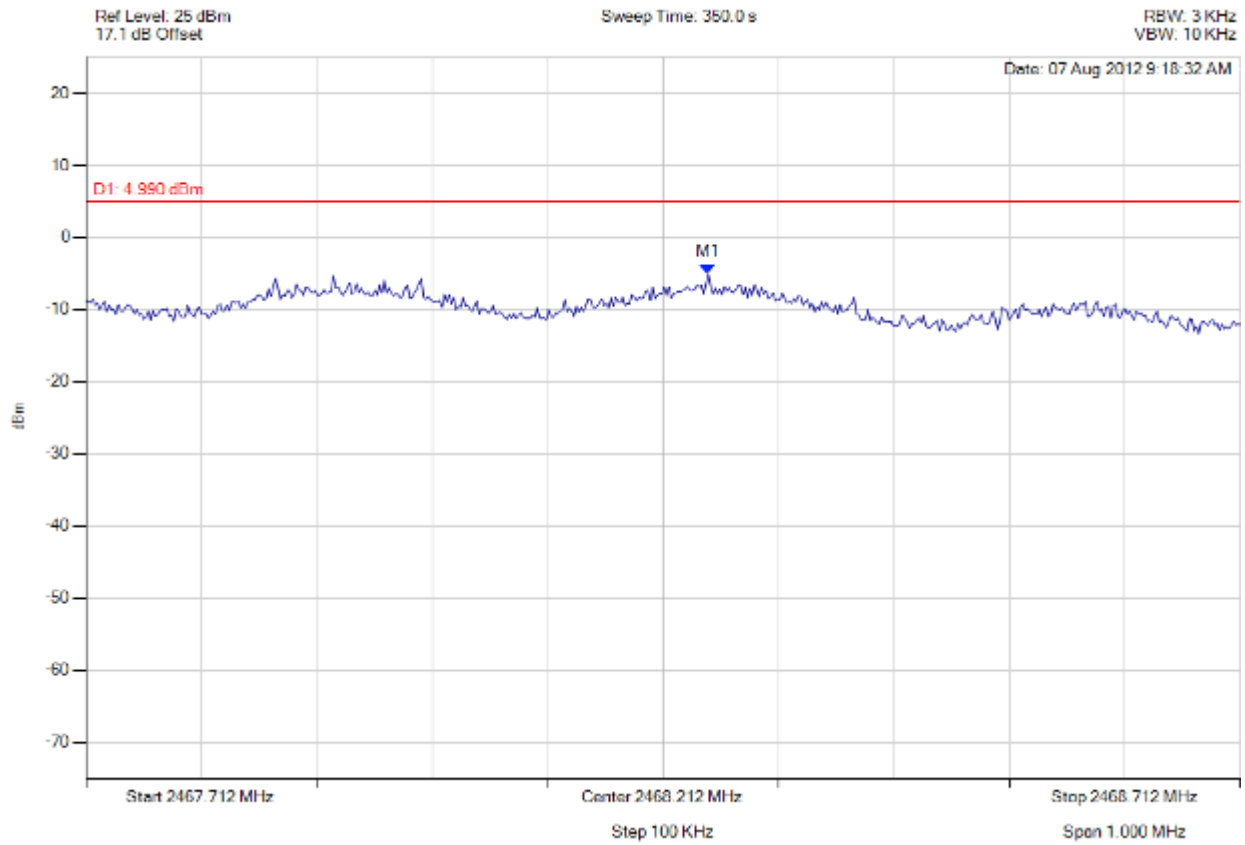
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2468.252 MHz : -5.024 dBm | Limit: 4.990 dBm<br>Margin: -10.01 dB |

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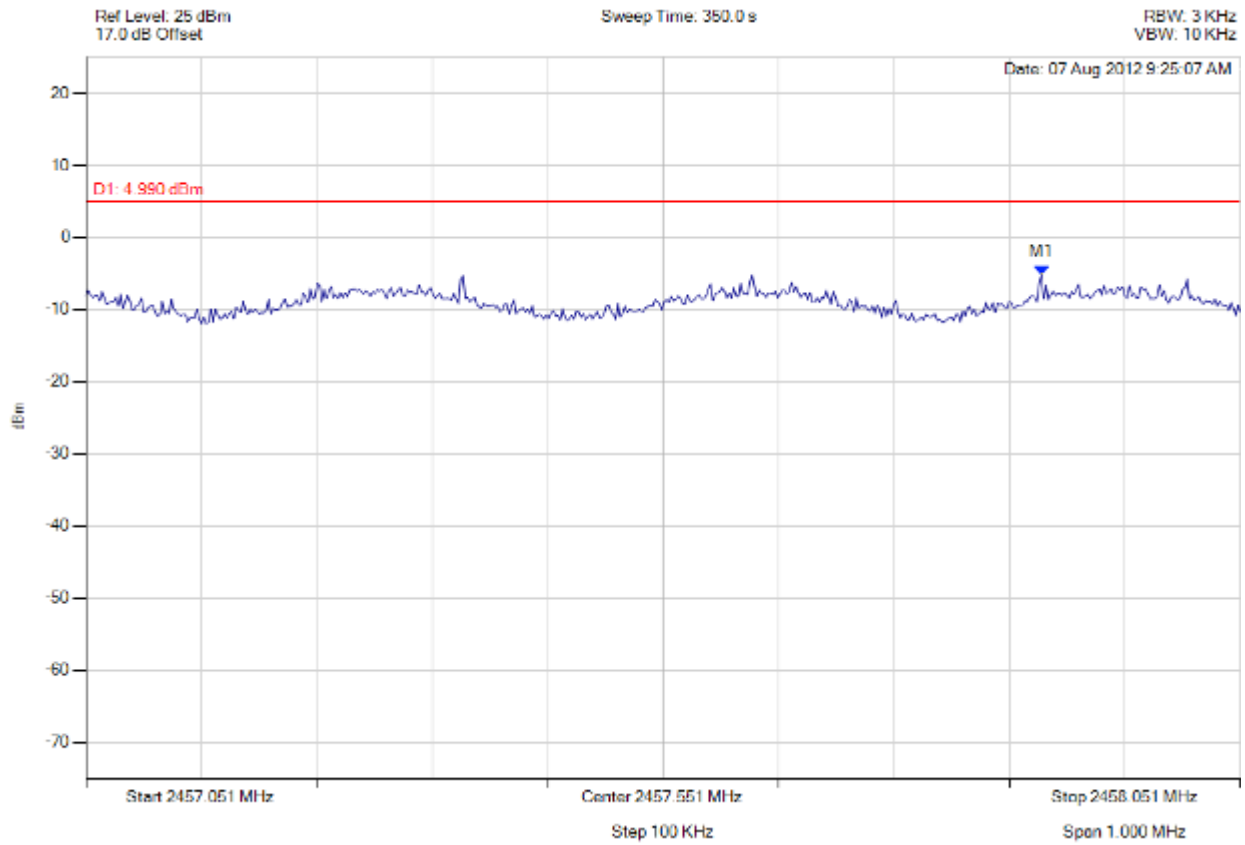
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2457.879 MHz : -5.128 dBm | Limit: 4.990 dBm<br>Margin: -10.12 dB |

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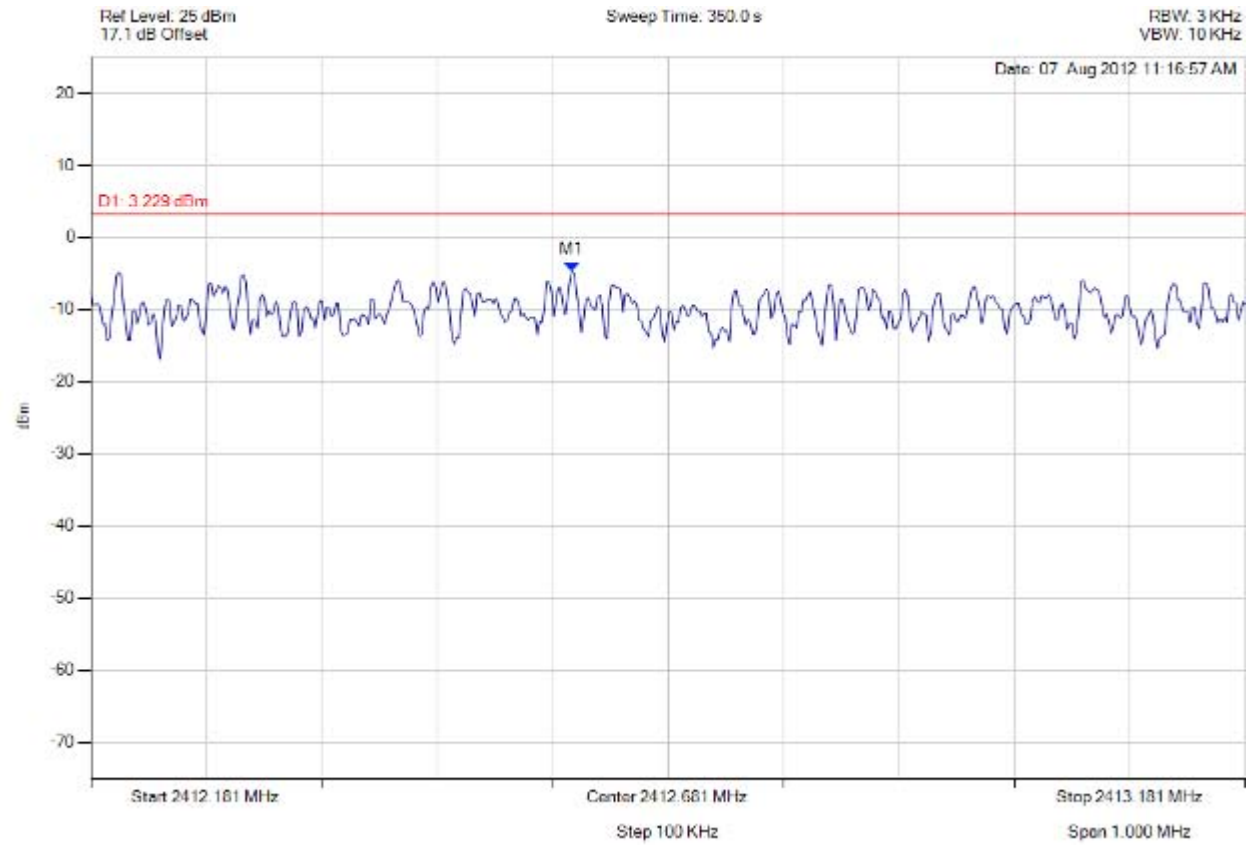
3x3 802.11b

**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2412.598 MHz : -4.680 dBm | Limit: 3.229 dBm<br>Margin: -7.91 dB |

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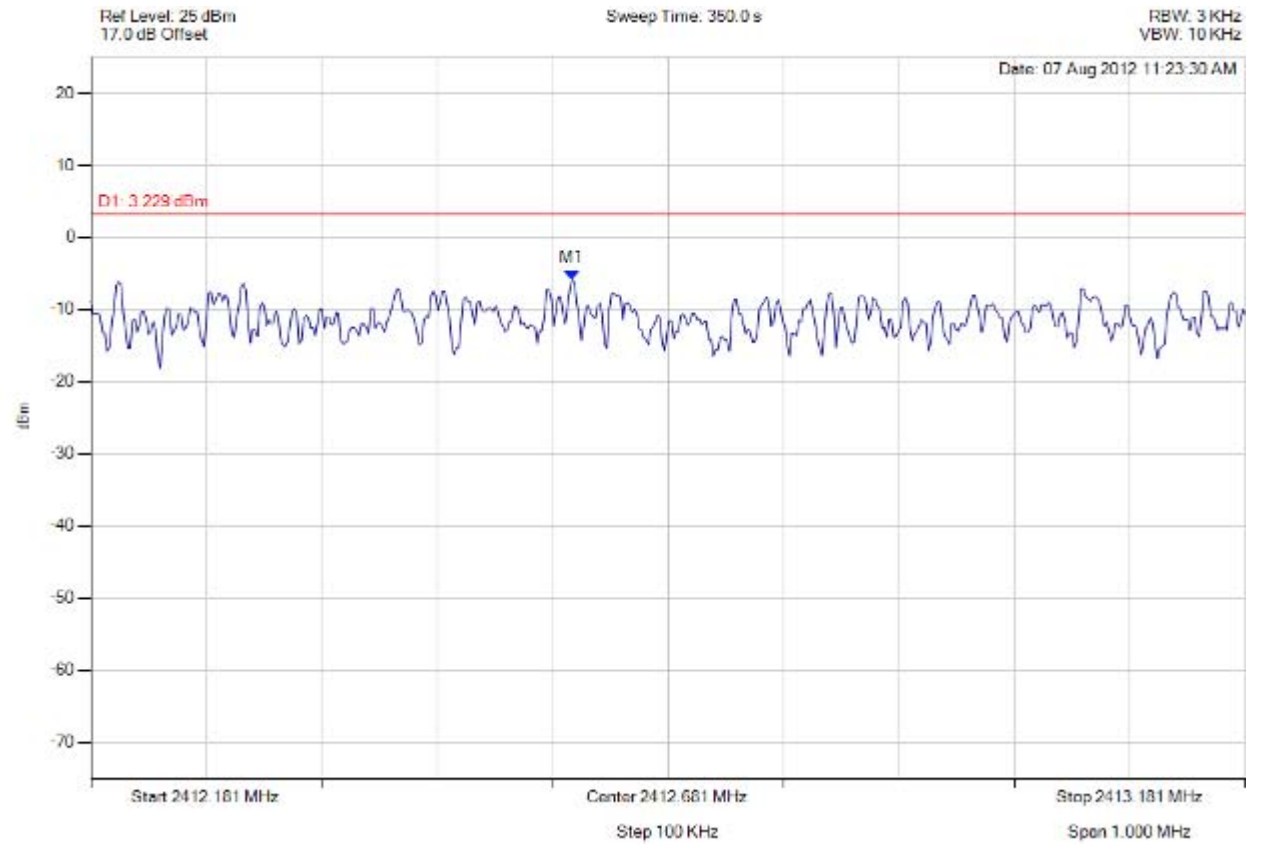
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2412.598 MHz : -5.872 dBm | Limit: 3.229 dBm<br>Margin: -9.10 dB |

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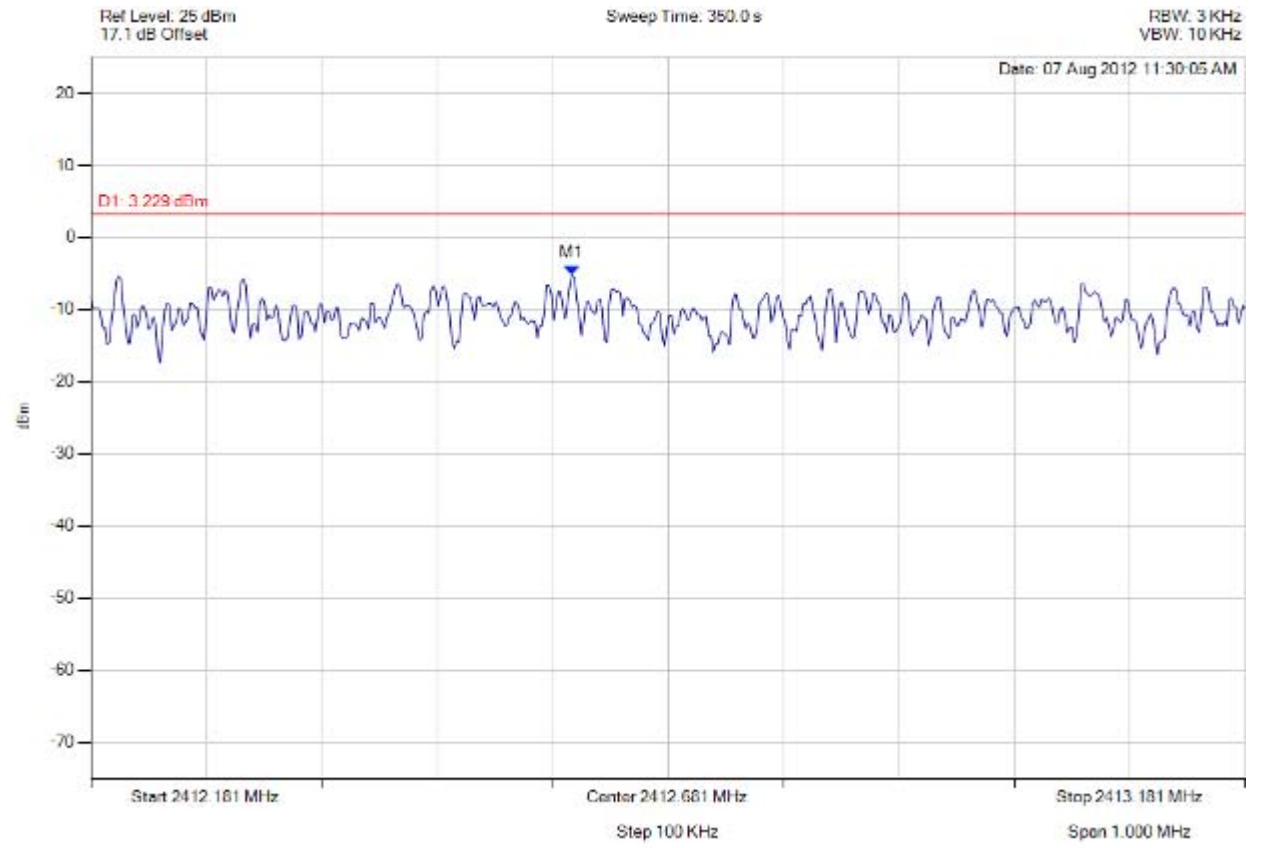
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2412.598 MHz : -5.234 dBm | Limit: 3.229 dBm<br>Margin: -8.46 dB |

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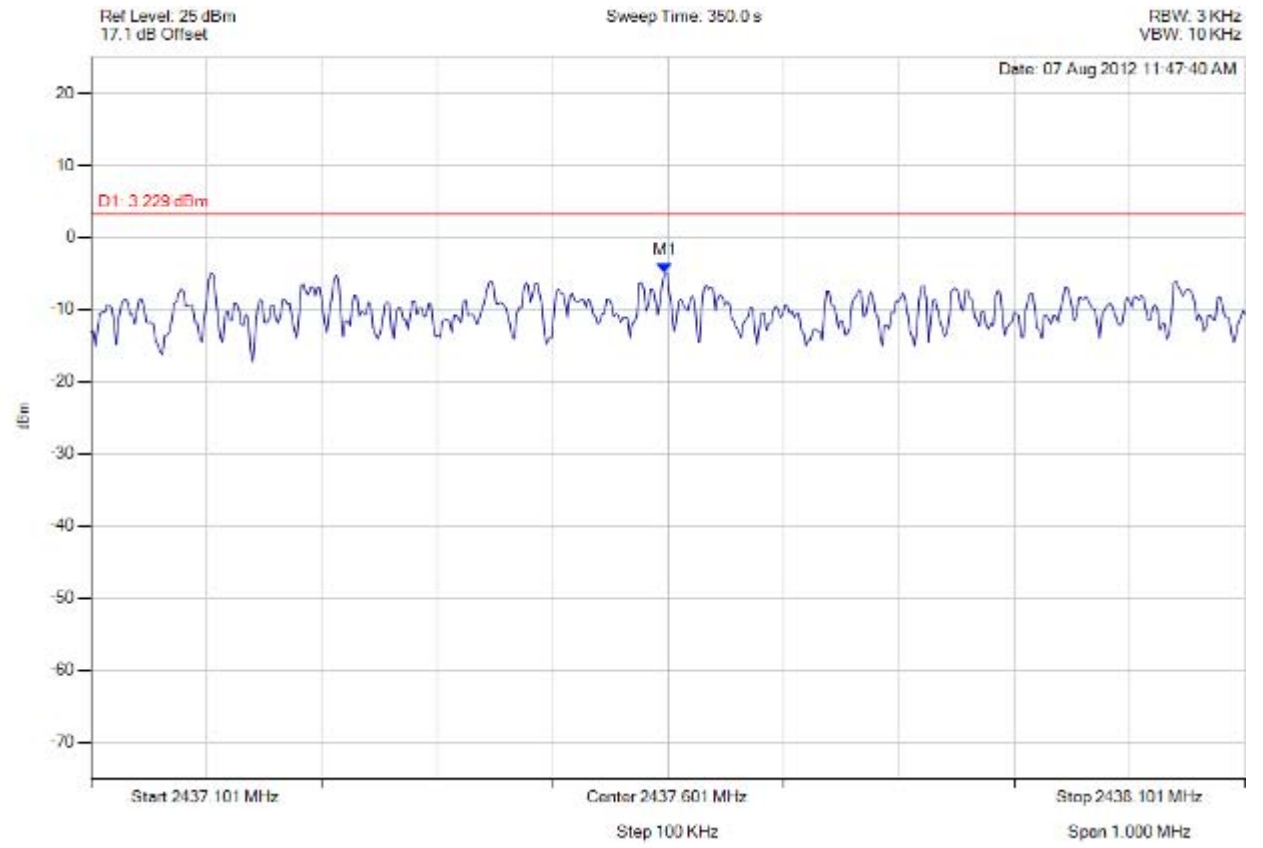
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2437.598 MHz : -4.800 dBm | Limit: 3.229 dBm<br>Margin: -8.03 dB |

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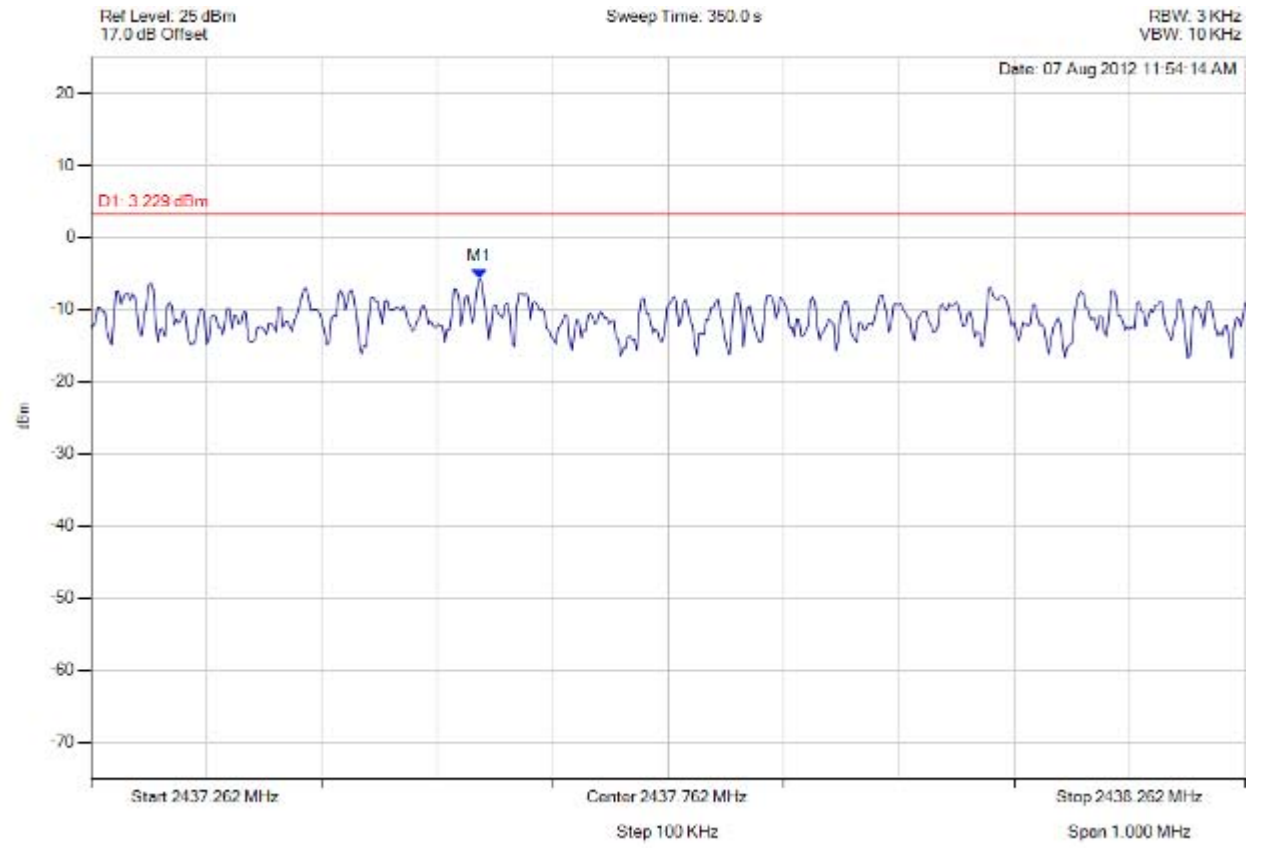
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2437.598 MHz : -5.762 dBm | Limit: 3.229 dBm<br>Margin: -8.99 dB |

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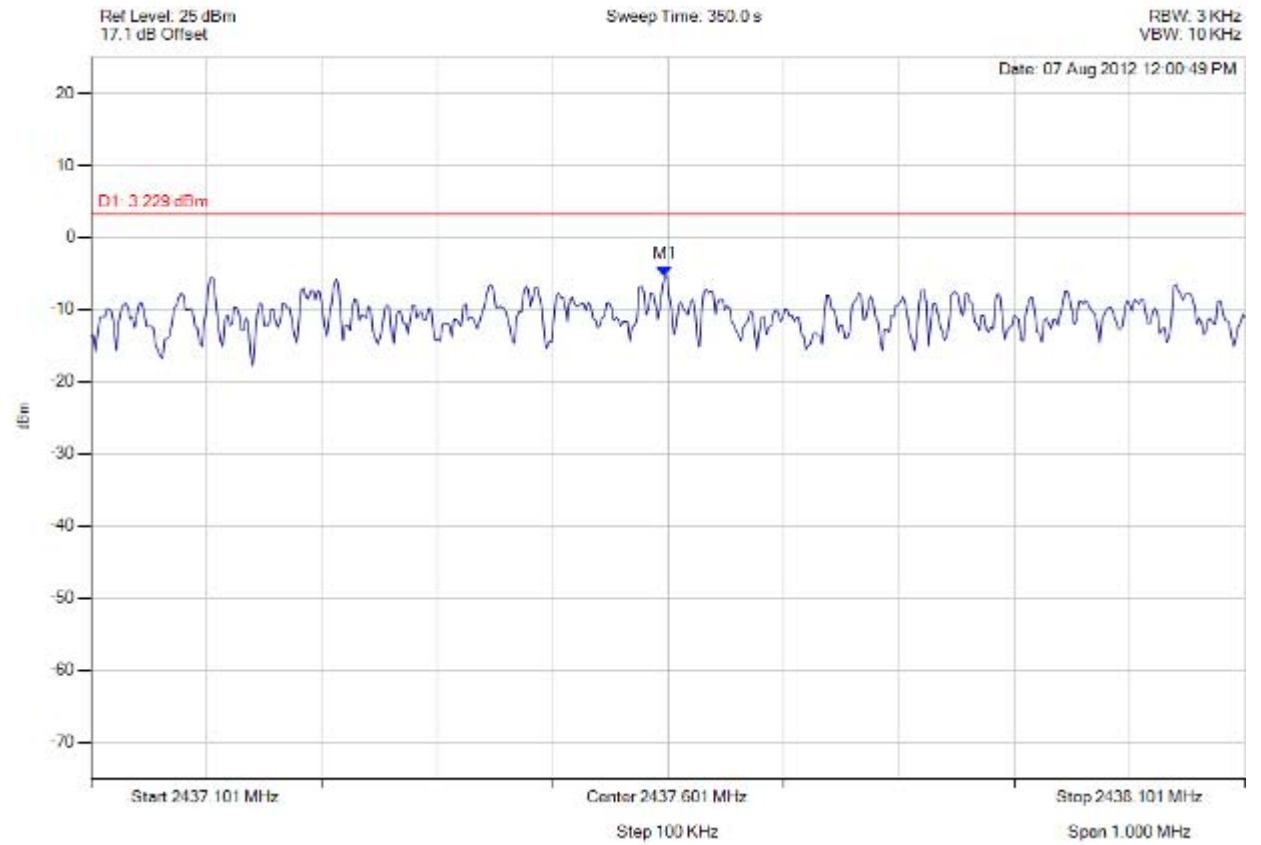
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2437.598 MHz : -5.325 dBm | Limit: 3.229 dBm<br>Margin: -8.55 dB |

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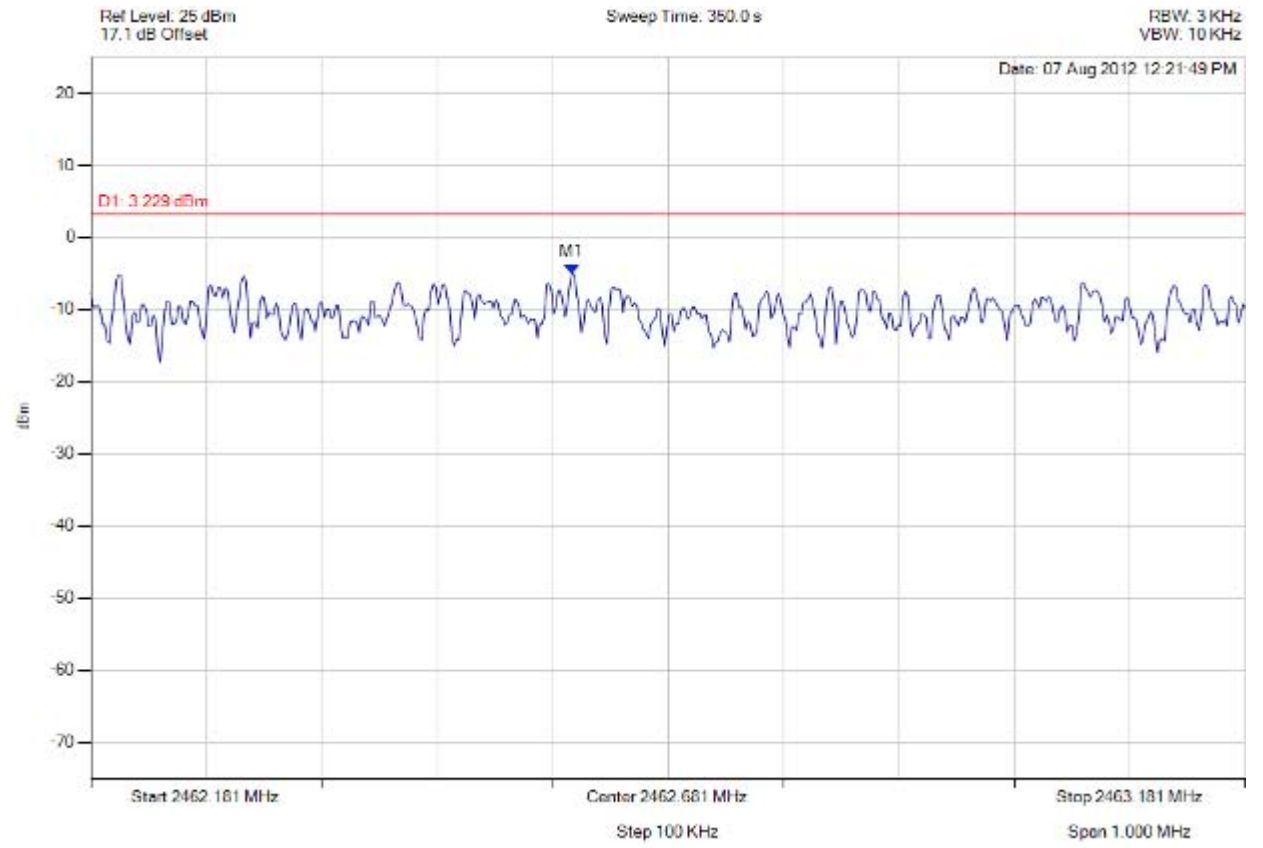
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2462.598 MHz : -4.965 dBm | Limit: 3.229 dBm<br>Margin: -8.19 dB |

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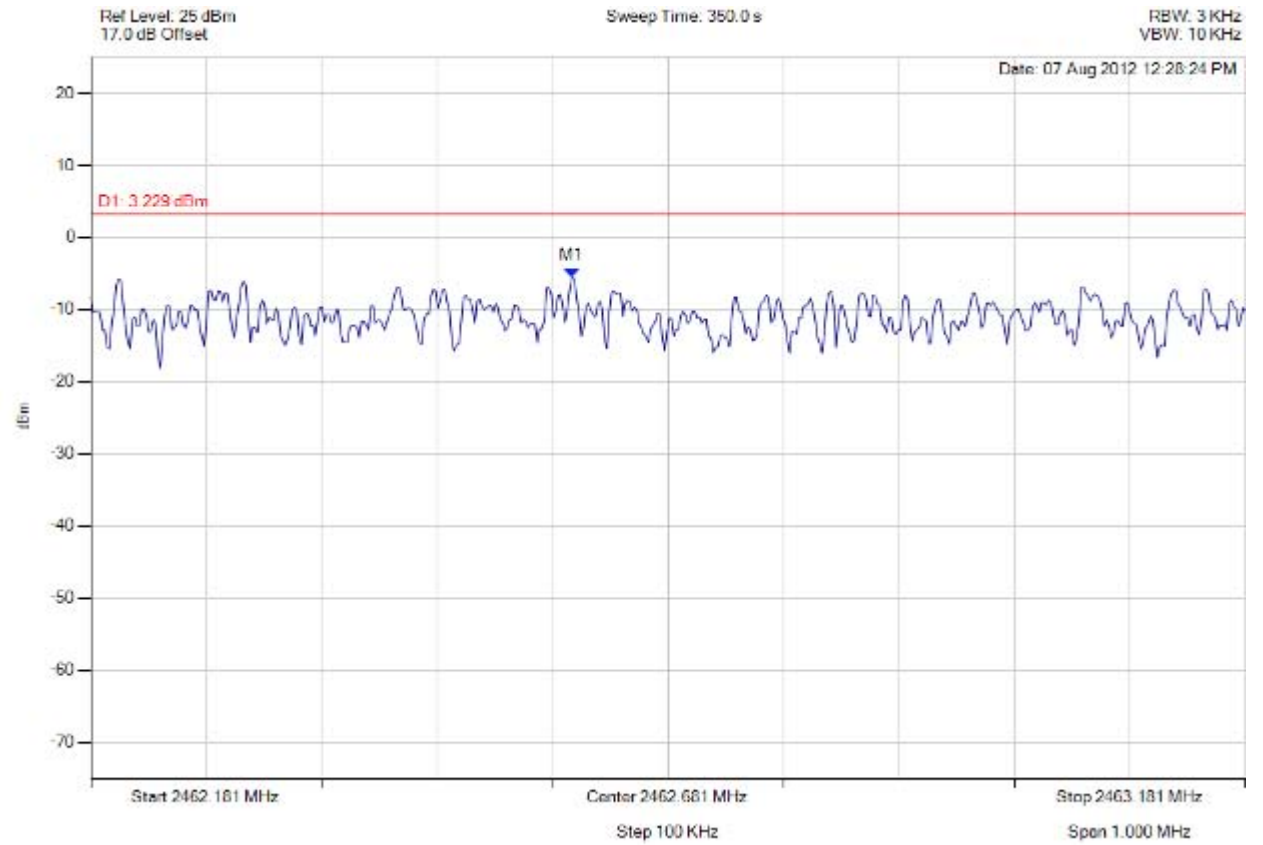
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2462.598 MHz : -5.537 dBm | Limit: 3.229 dBm<br>Margin: -8.77 dB |

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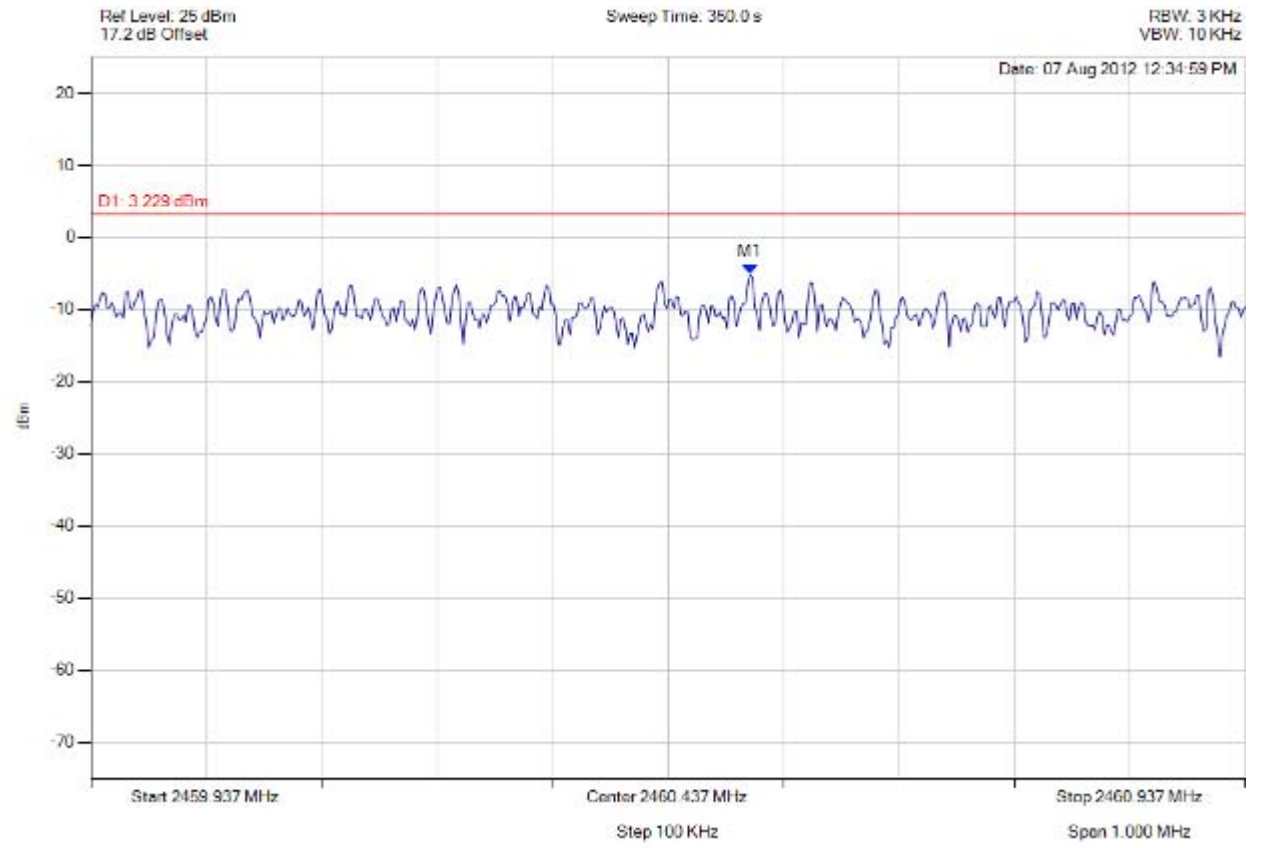
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2460.508 MHz : -5.087 dBm | Limit: 3.229 dBm<br>Margin: -8.32 dB |

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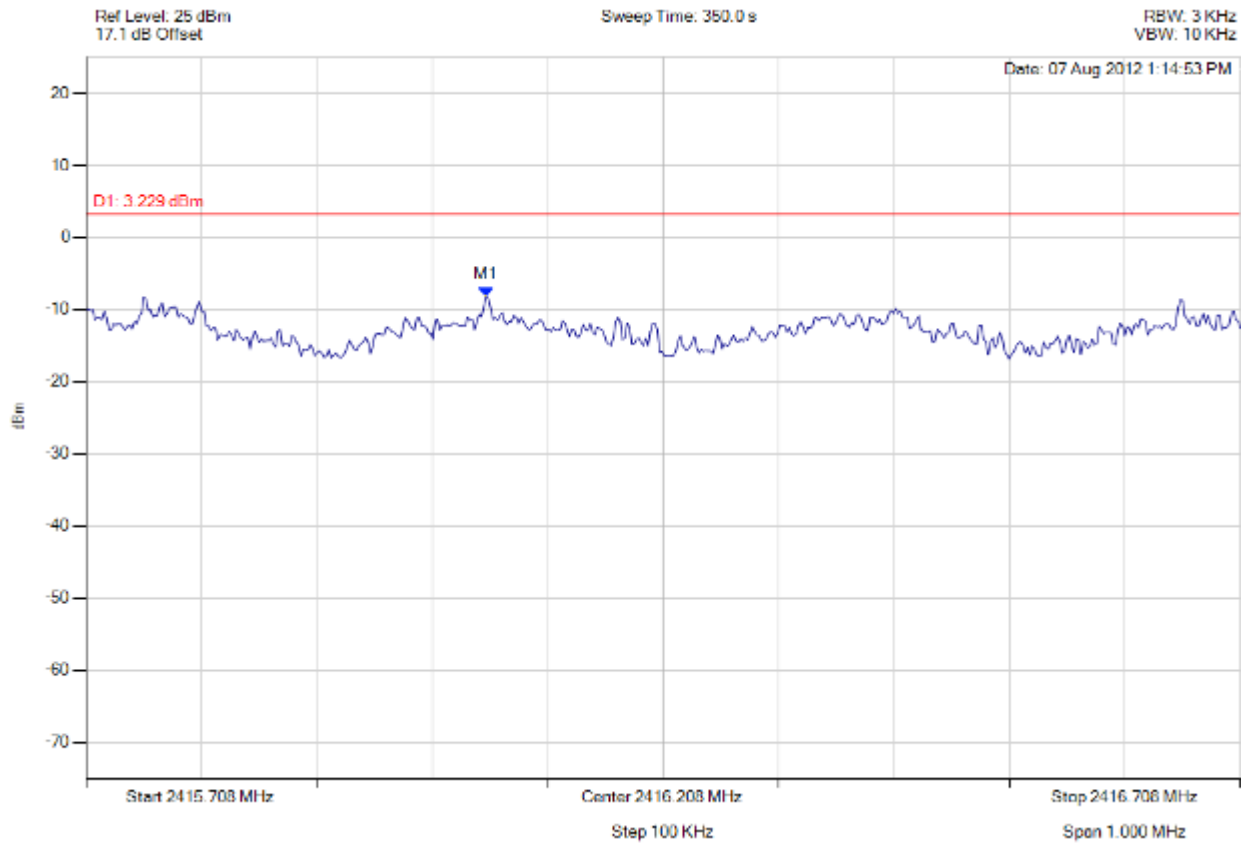
3x3 802.11g

**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2416.055 MHz : -8.205 dBm | Limit: 3.229 dBm<br>Margin: -11.43 dB |

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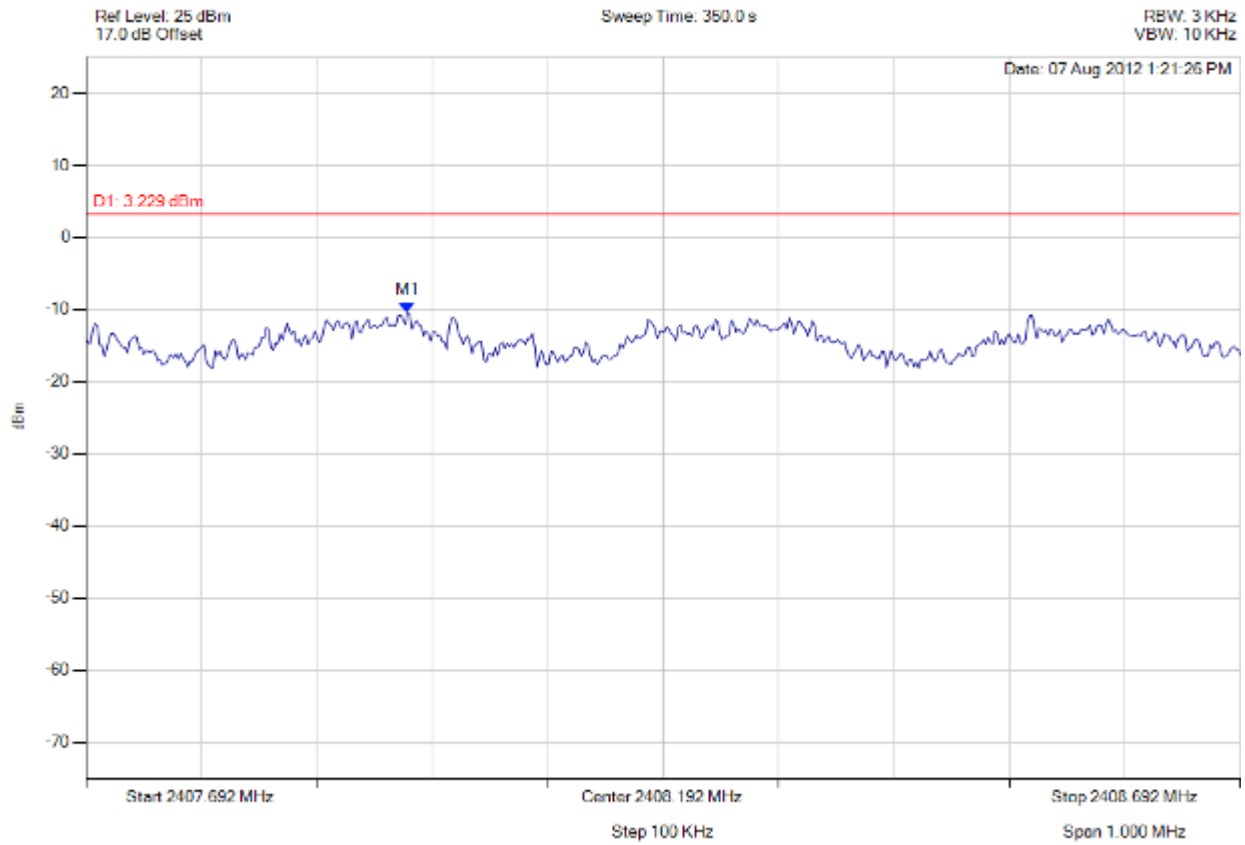
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2407.971 MHz : -10.330 dBm | Limit: 3.229 dBm<br>Margin: -13.56 dB |

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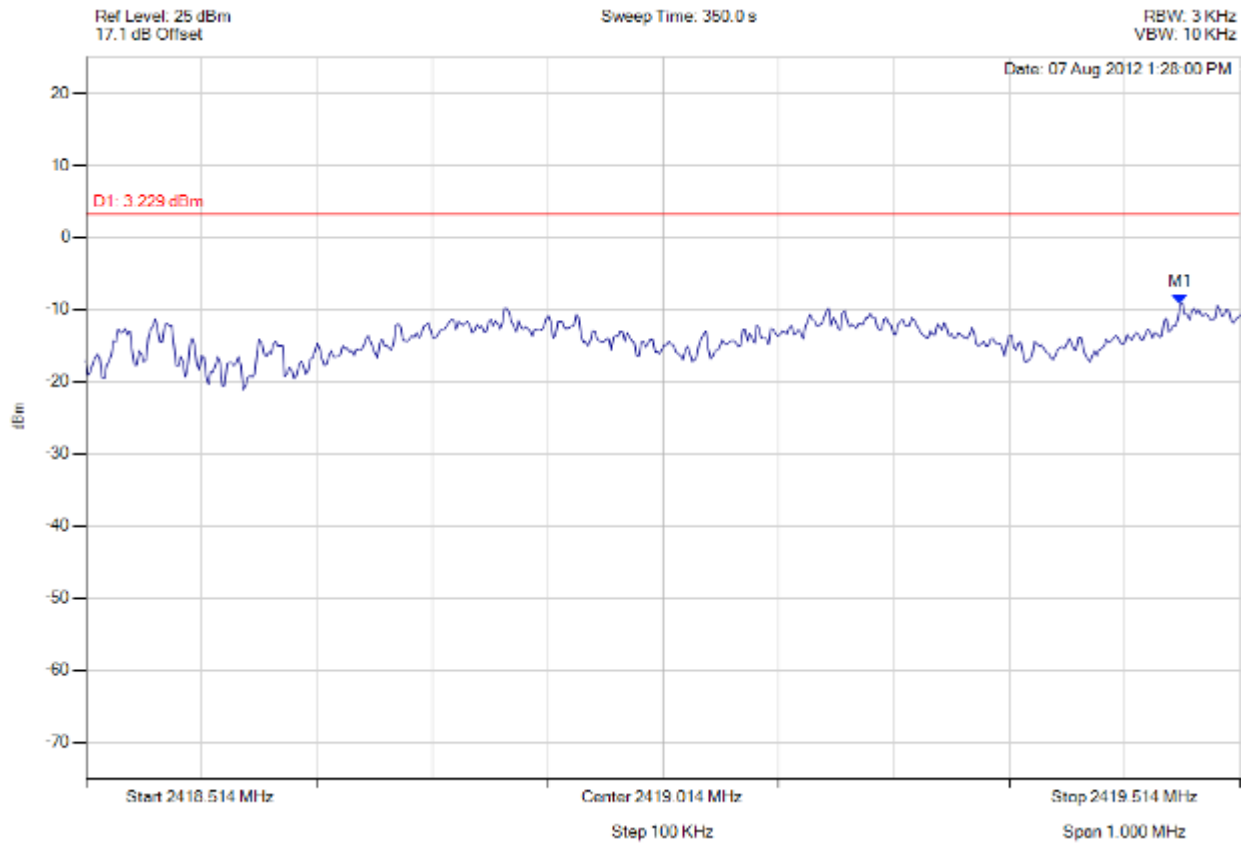
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2419.462 MHz : -9.195 dBm | Limit: 3.229 dBm<br>Margin: -12.42 dB |

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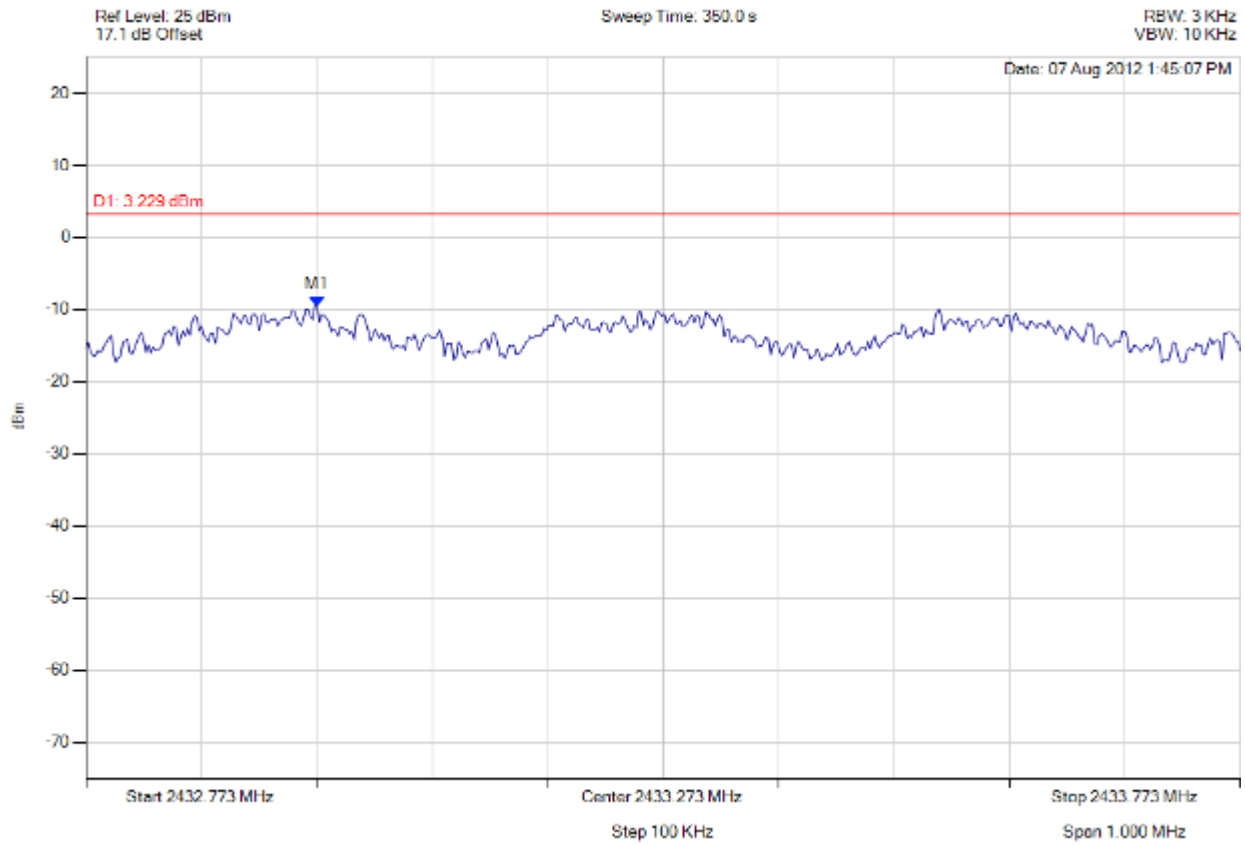
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2432.973 MHz : -9.478 dBm | Limit: 3.229 dBm<br>Margin: -12.71 dB |

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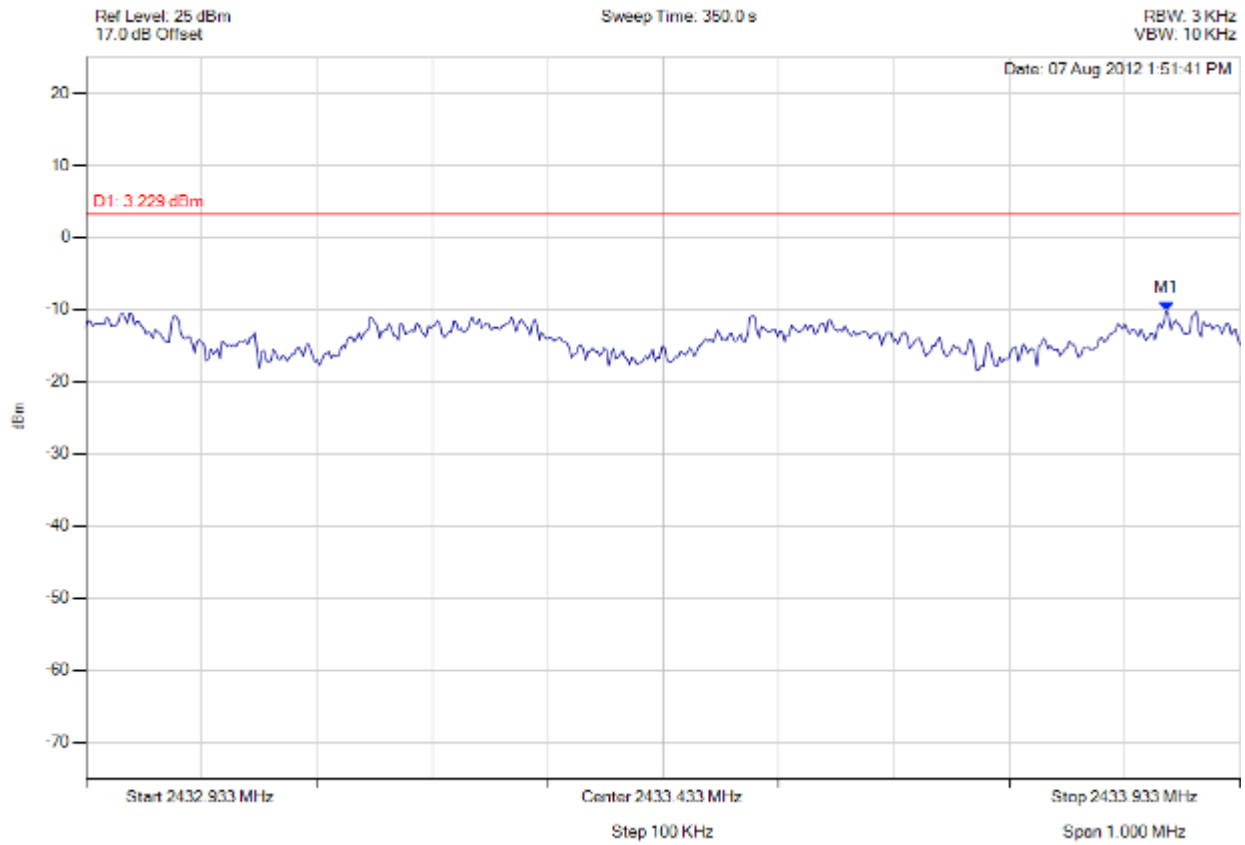
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2433.869 MHz : -10.131 dBm | Limit: 3.229 dBm<br>Margin: -13.36 dB |

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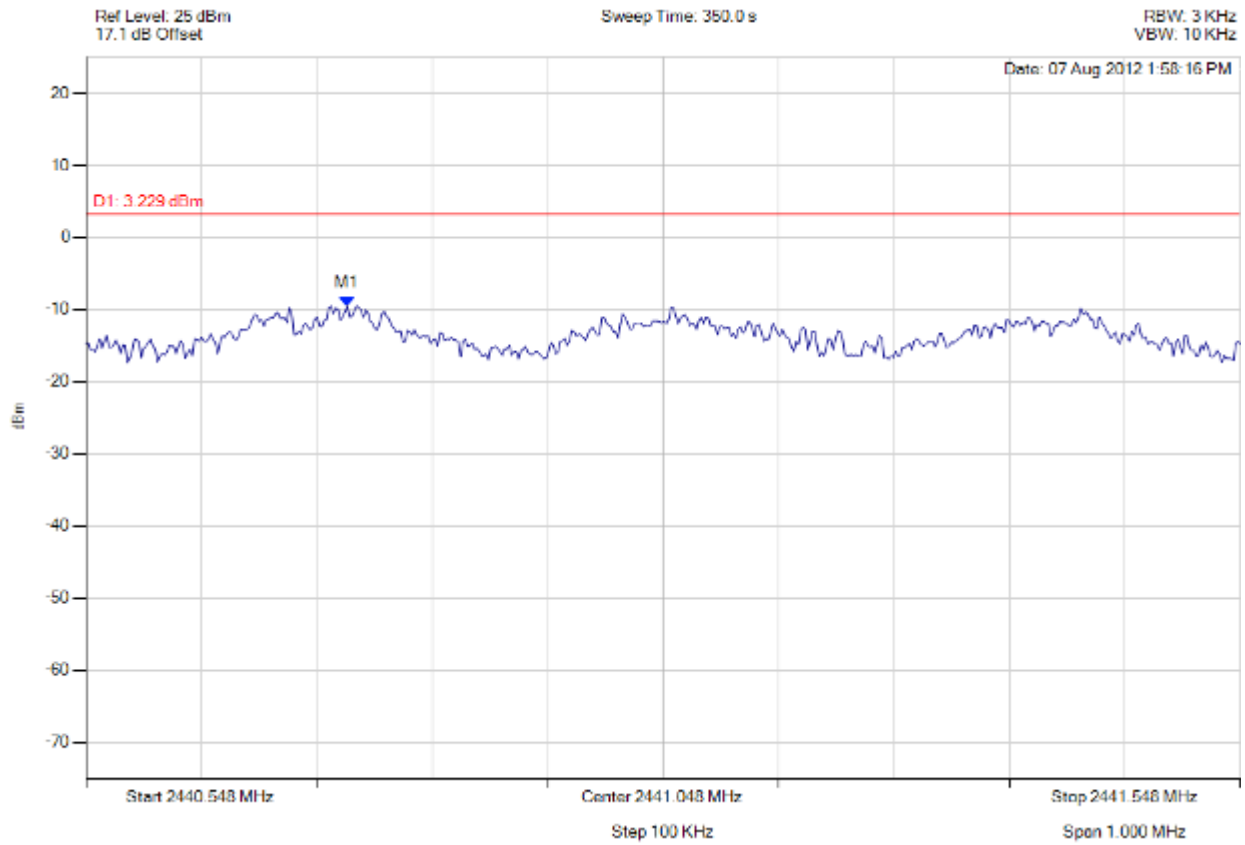
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2440.775 MHz : -9.464 dBm | Limit: 3.229 dBm<br>Margin: -12.69 dB |

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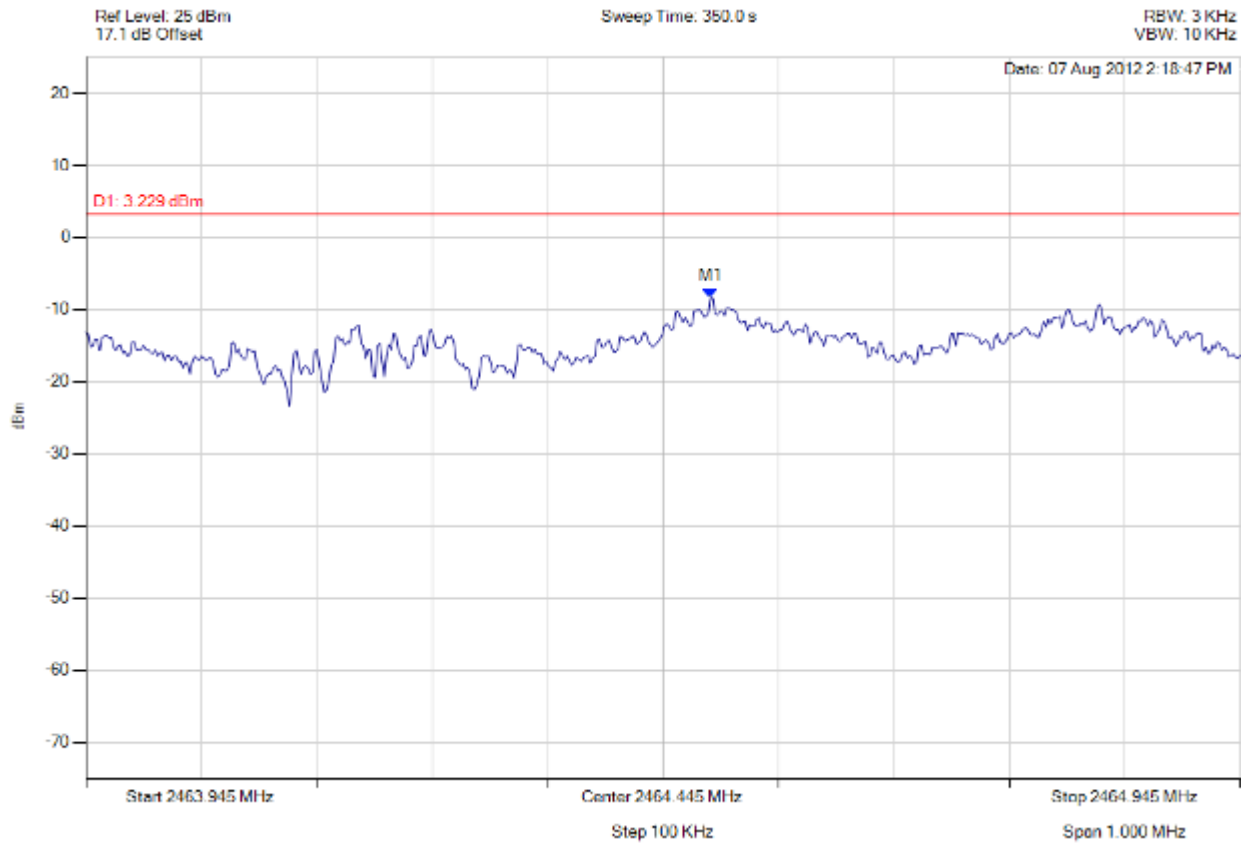
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2464.486 MHz : -8.386 dBm | Limit: 3.229 dBm<br>Margin: -11.61 dB |

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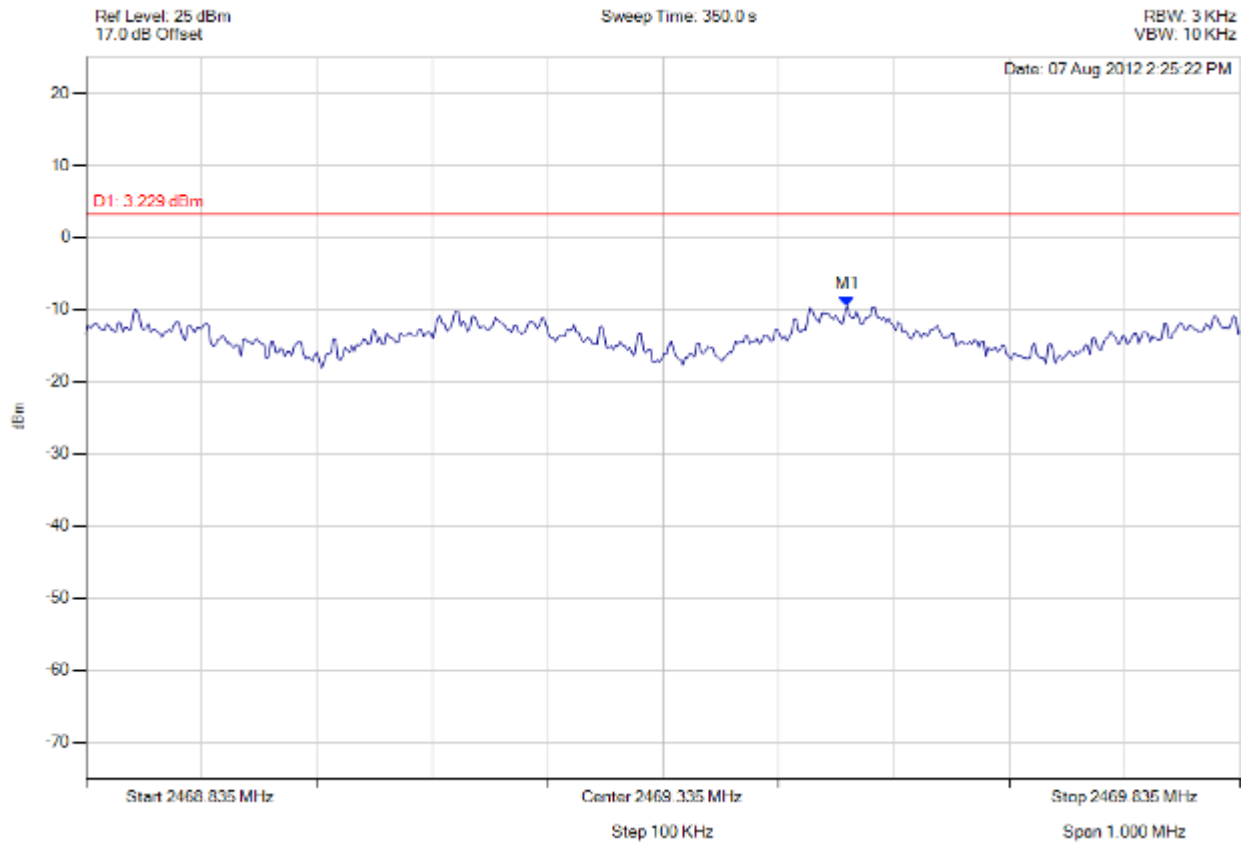
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2469.494 MHz : -9.527 dBm | Limit: 3.229 dBm<br>Margin: -12.76 dB |

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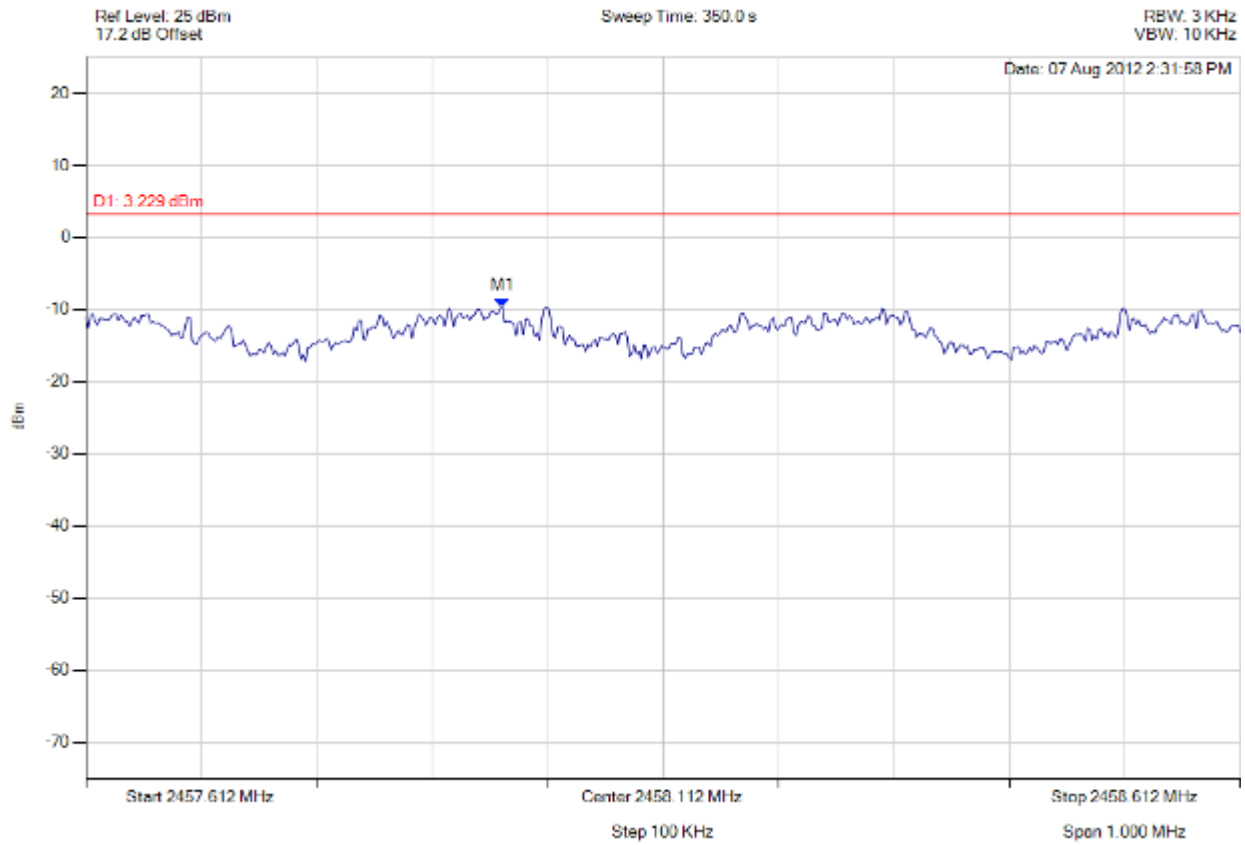
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2457.973 MHz : -9.649 dBm | Limit: 3.229 dBm<br>Margin: -12.88 dB |

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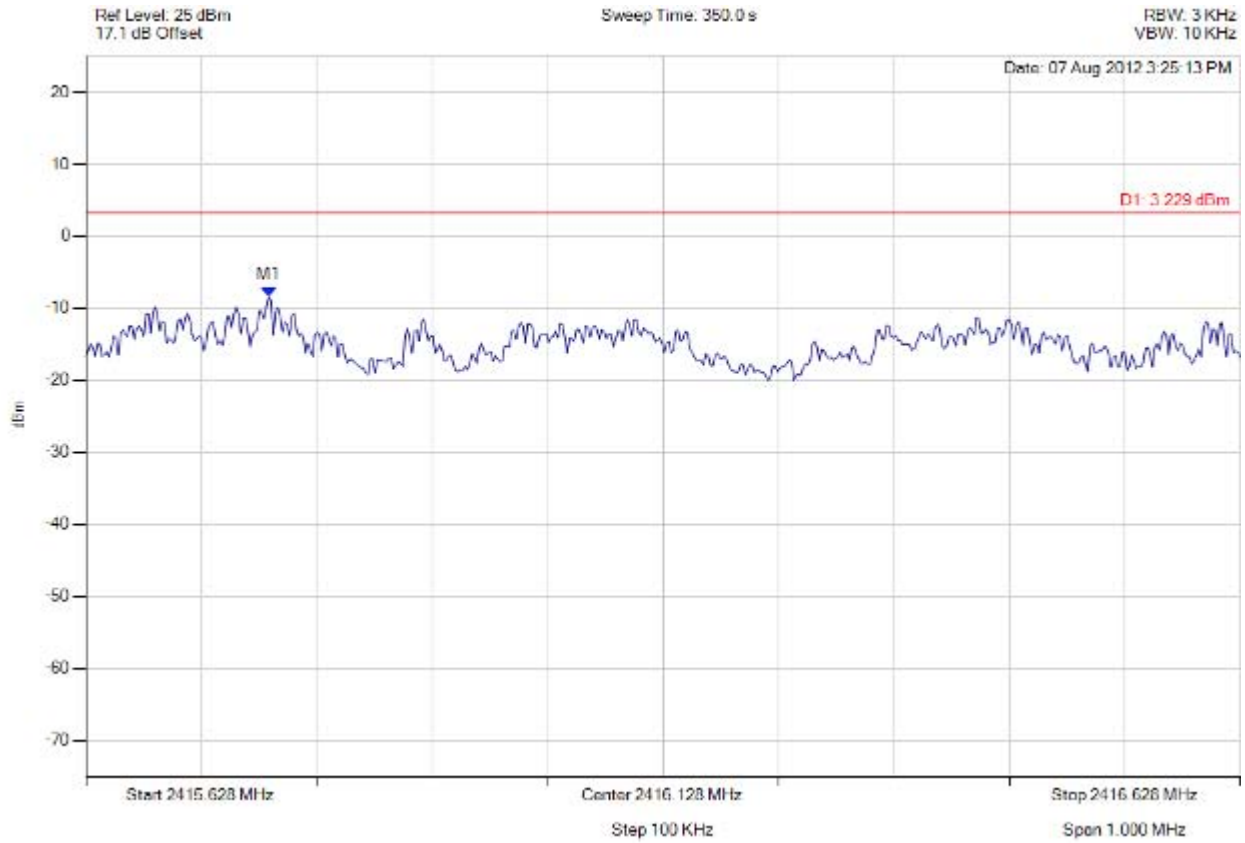
3x3 802.11n HT-20

**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2415.787 MHz : -8.357 dBm | Limit: 3.229 dBm<br>Margin: -11.59 dB |

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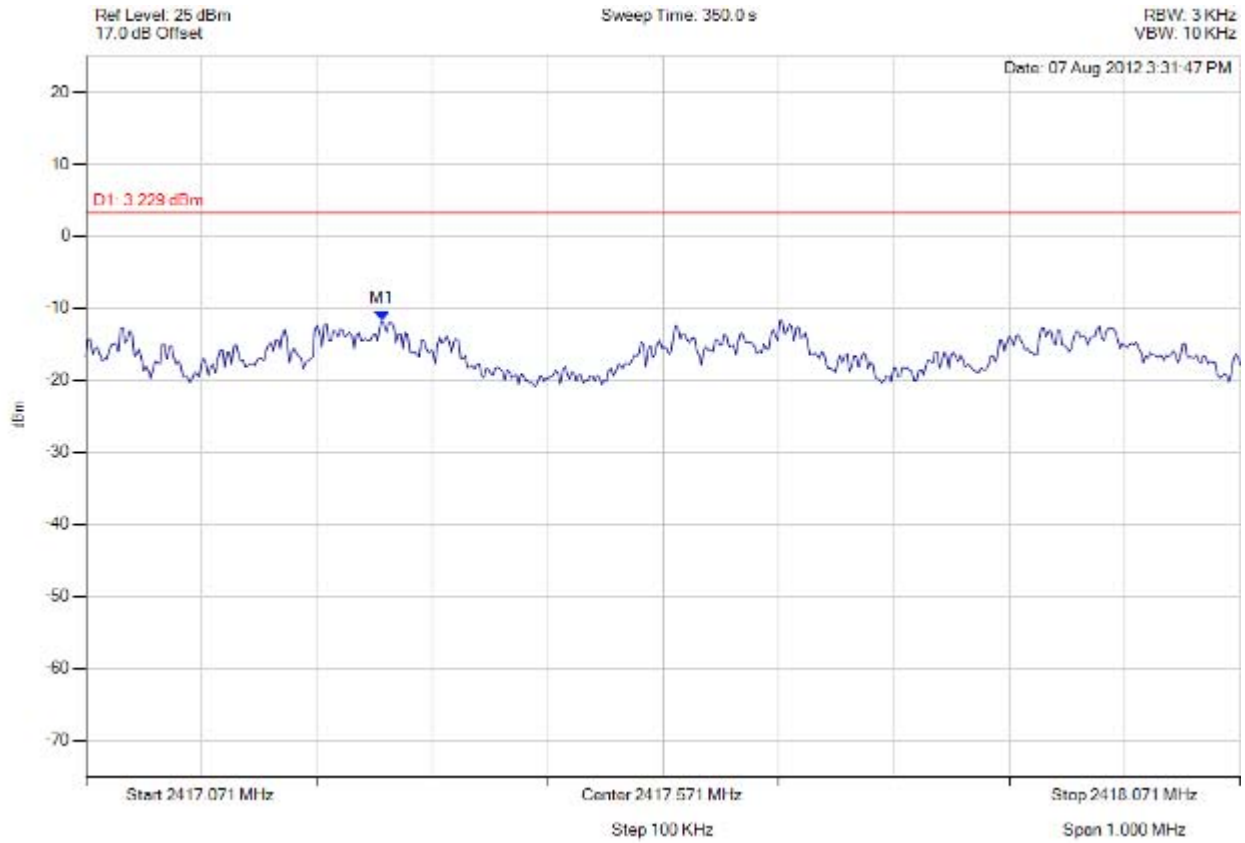
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2417.328 MHz : -11.729 dBm | Limit: 3.229 dBm<br>Margin: -14.96 dB |

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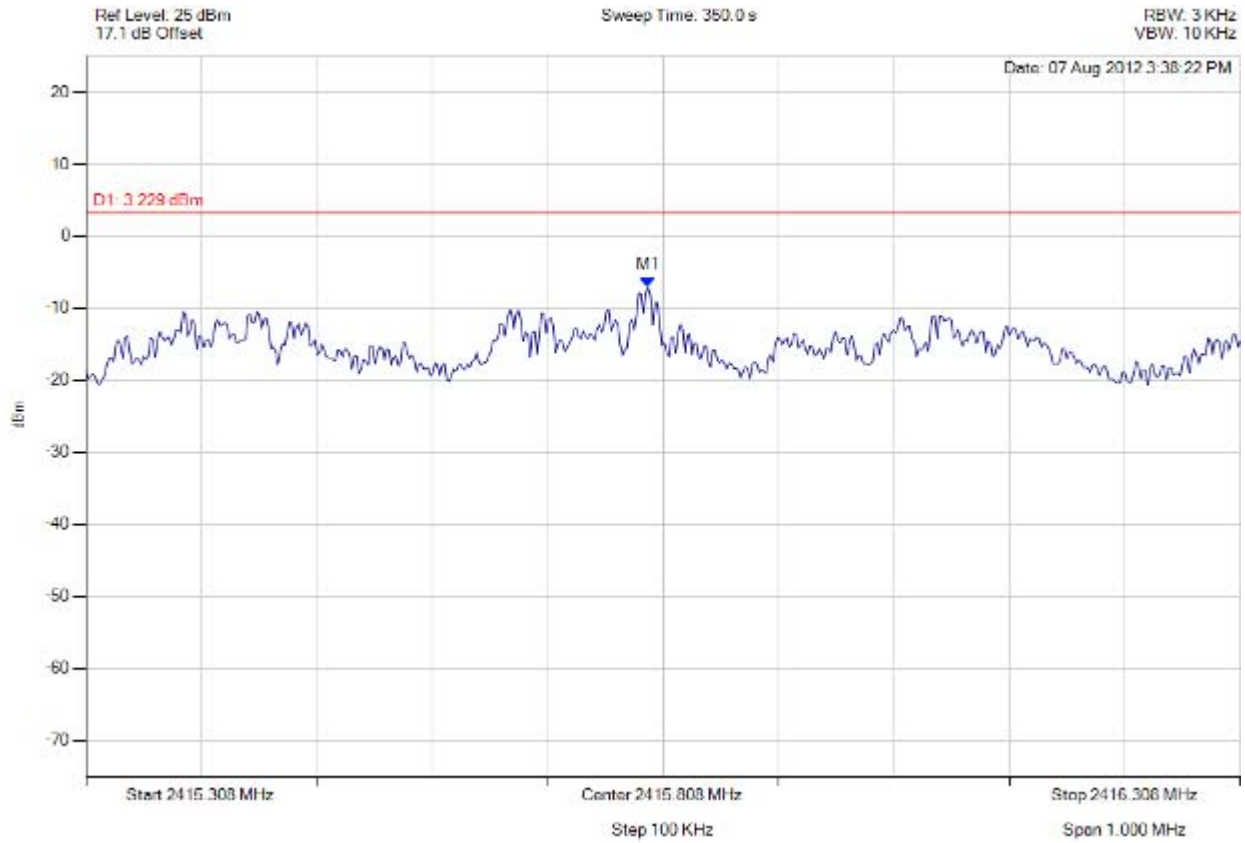
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2415.795 MHz : -6.987 dBm | Limit: 3.229 dBm<br>Margin: -10.22 dB |

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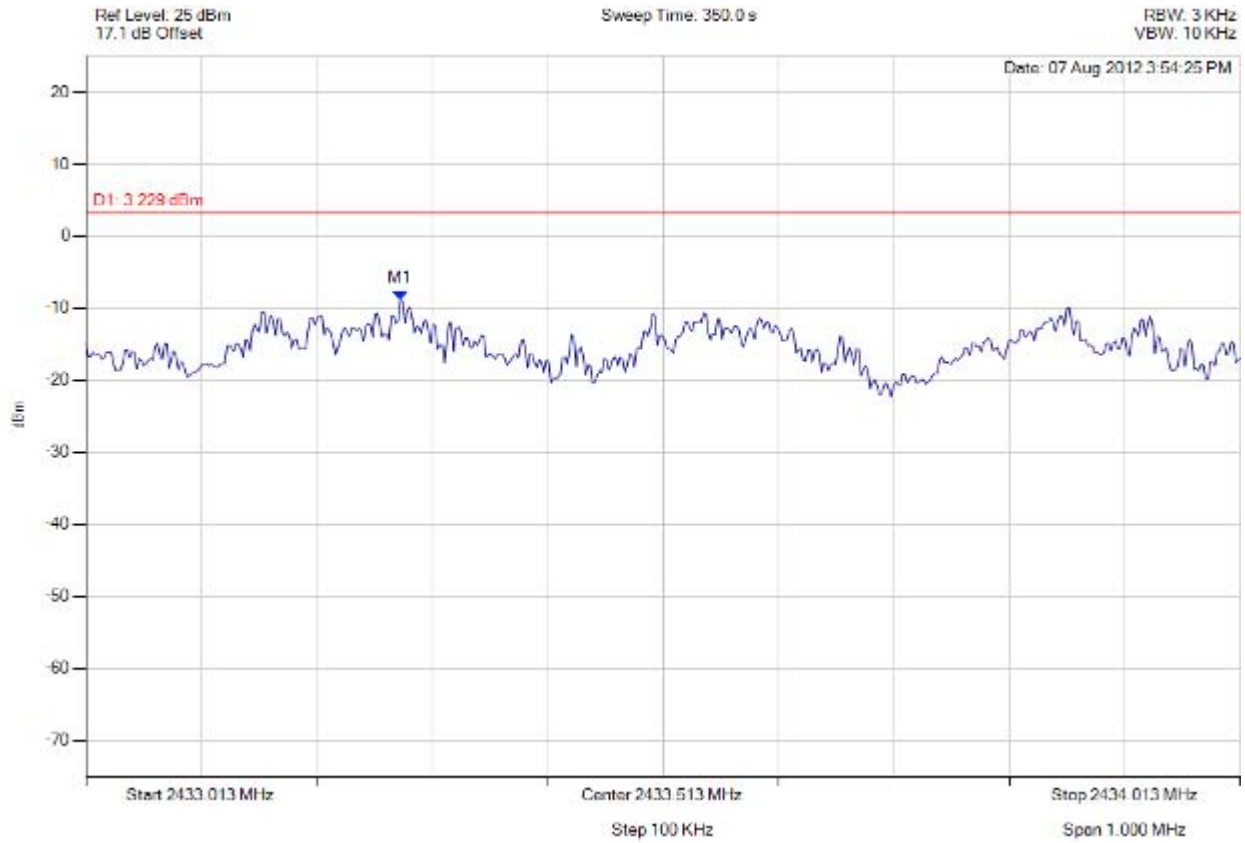
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2433.286 MHz : -8.882 dBm | Limit: 3.229 dBm<br>Margin: -12.11 dB |

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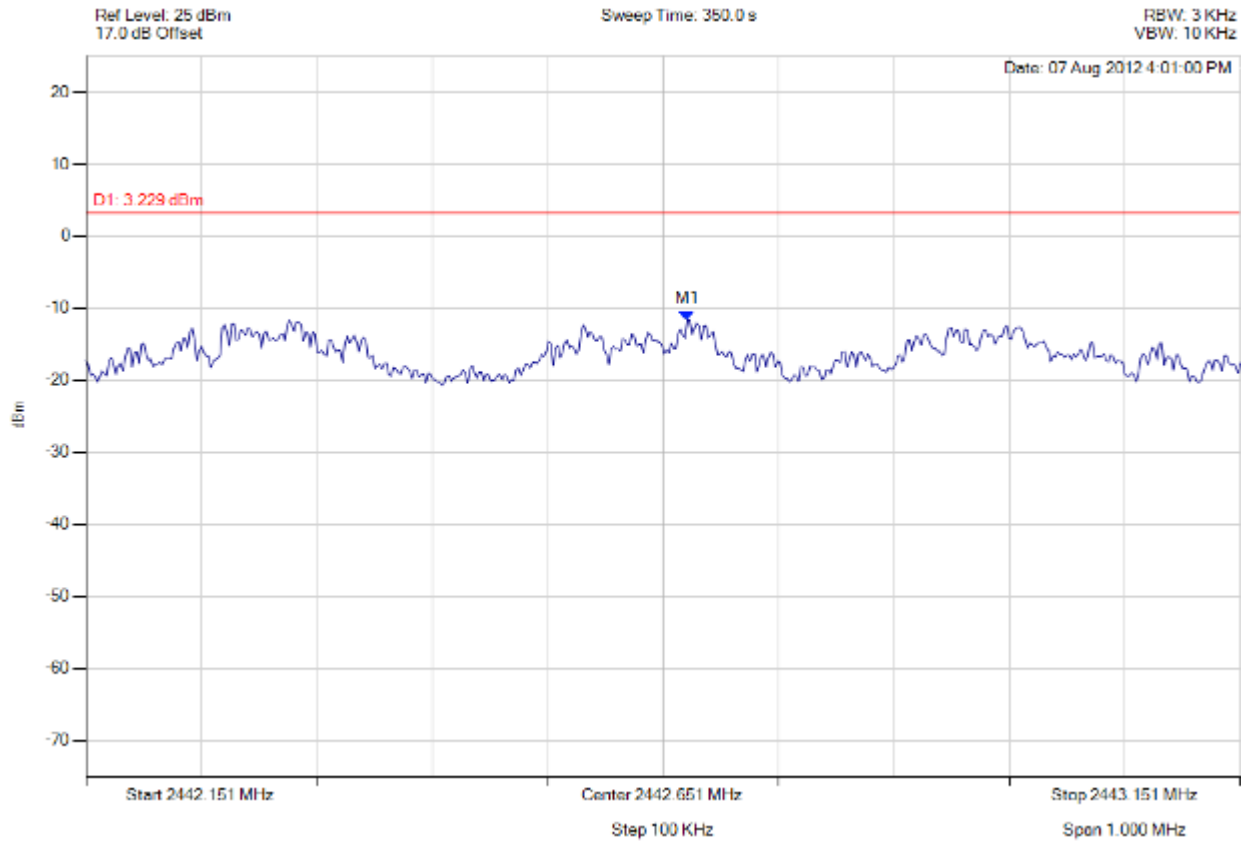
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2442.672 MHz : -11.648 dBm | Limit: 3.229 dBm<br>Margin: -14.88 dB |

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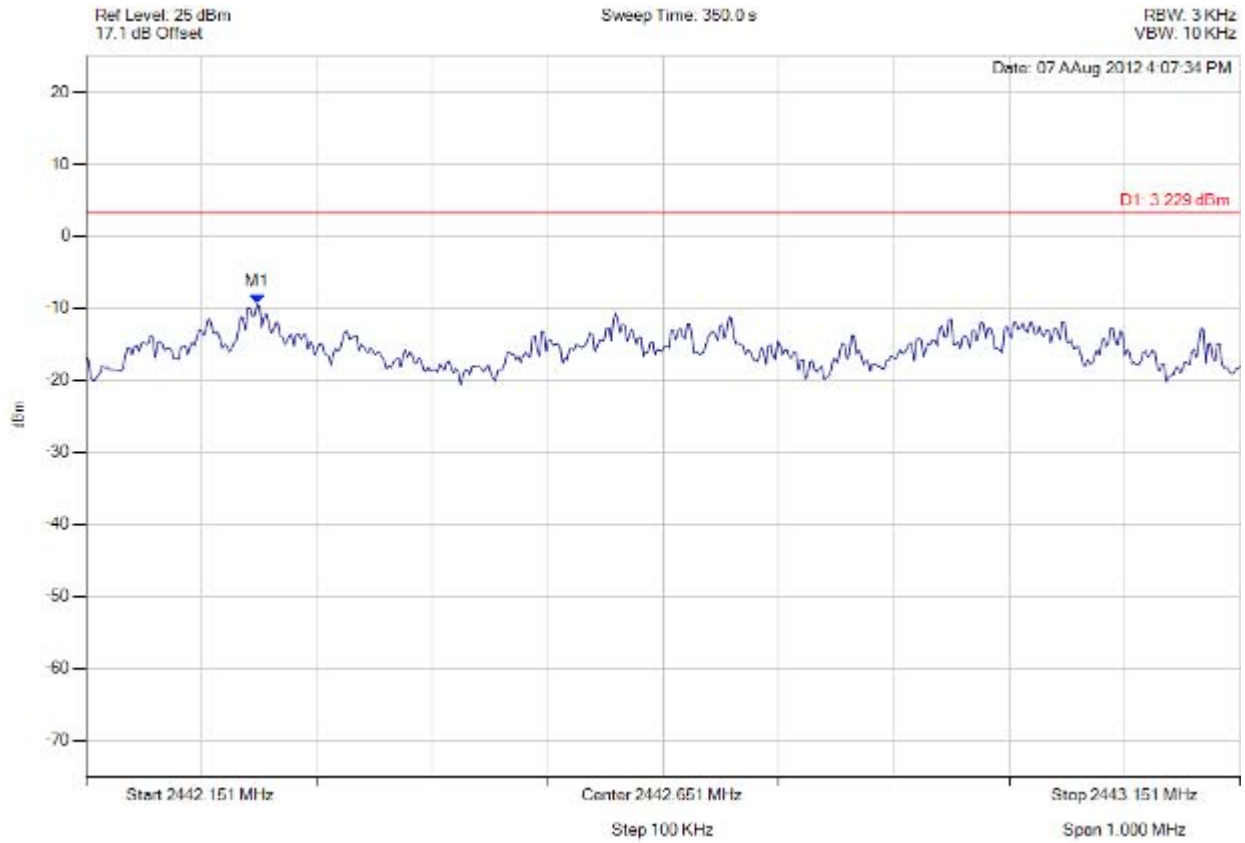
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2442.300 MHz : -9.444 dBm | Limit: 3.229 dBm<br>Margin: -12.67 dB |

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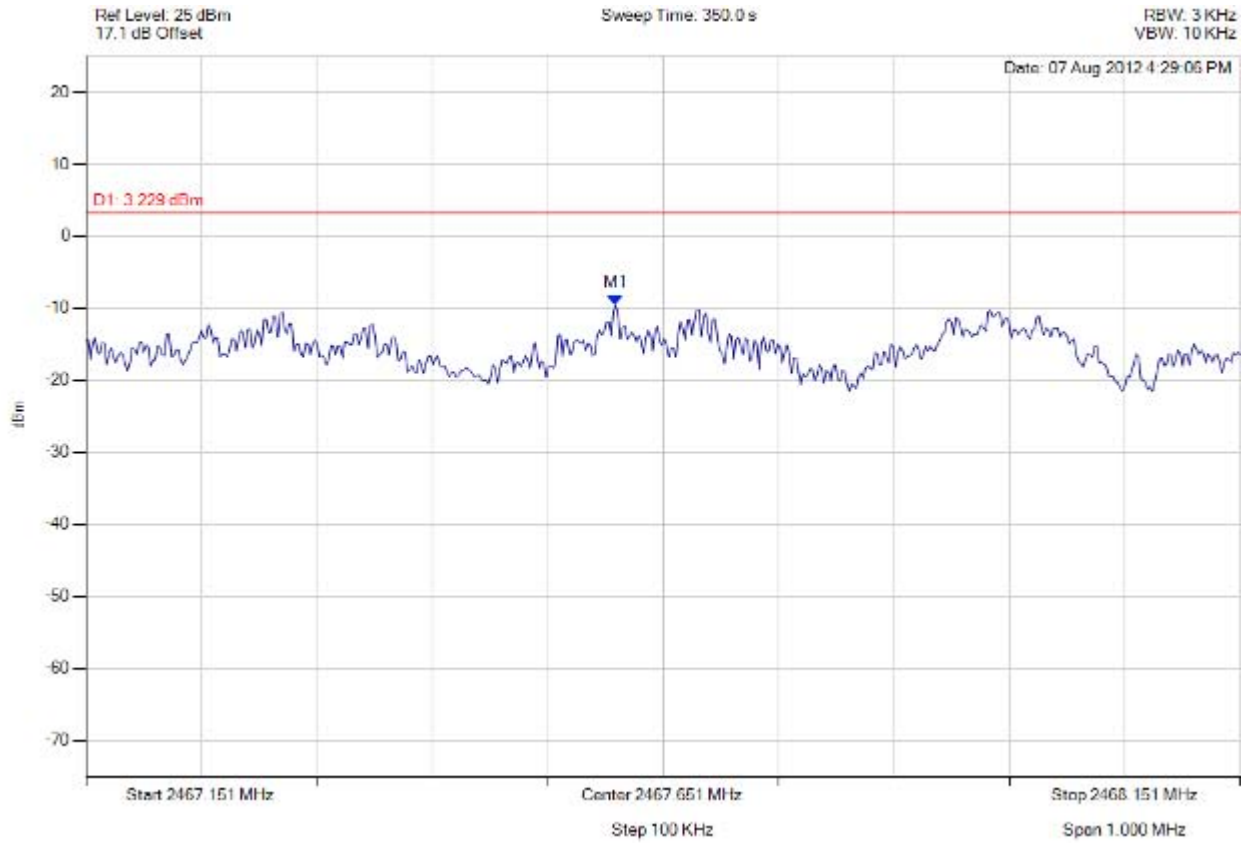
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2467.610 MHz : -9.553 dBm | Limit: 3.229 dBm<br>Margin: -12.78 dB |

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**power density**

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

| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2467.672 MHz : -11.349 dBm | Limit: 3.229 dBm<br>Margin: -14.58 dB |

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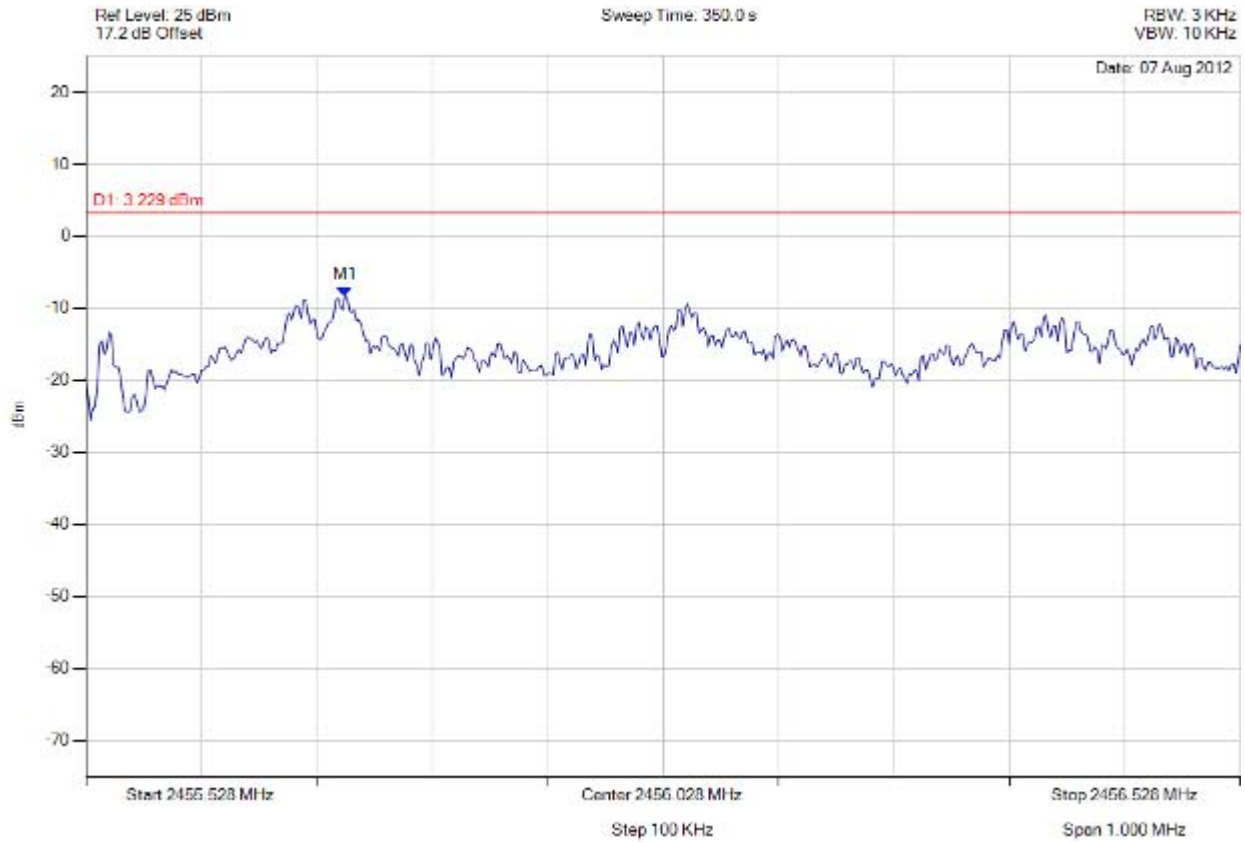
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2455.753 MHz : -8.303 dBm | Limit: 3.229 dBm<br>Margin: -11.53 dB |

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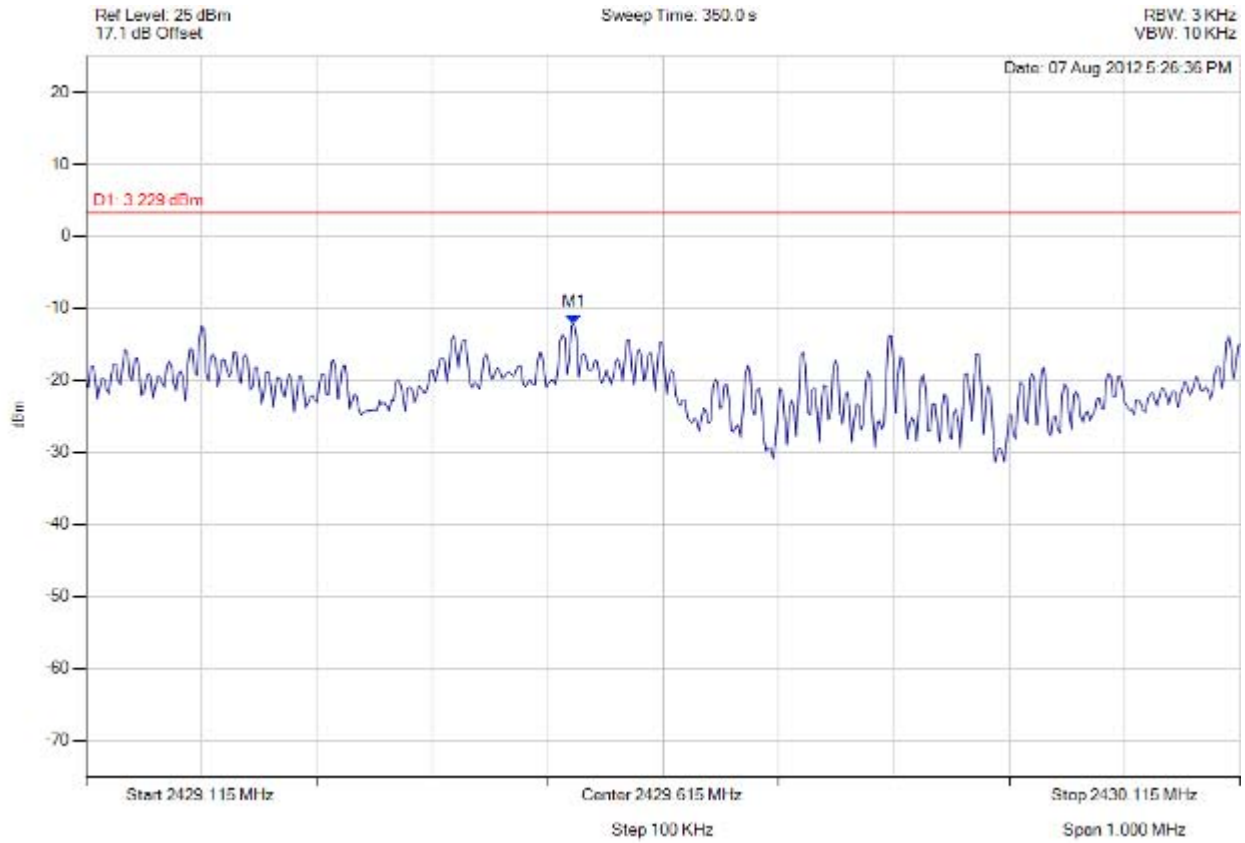
3x3 802.11n HT-40

**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2429.538 MHz : -12.159 dBm | Limit: 3.229 dBm<br>Margin: -15.39 dB |

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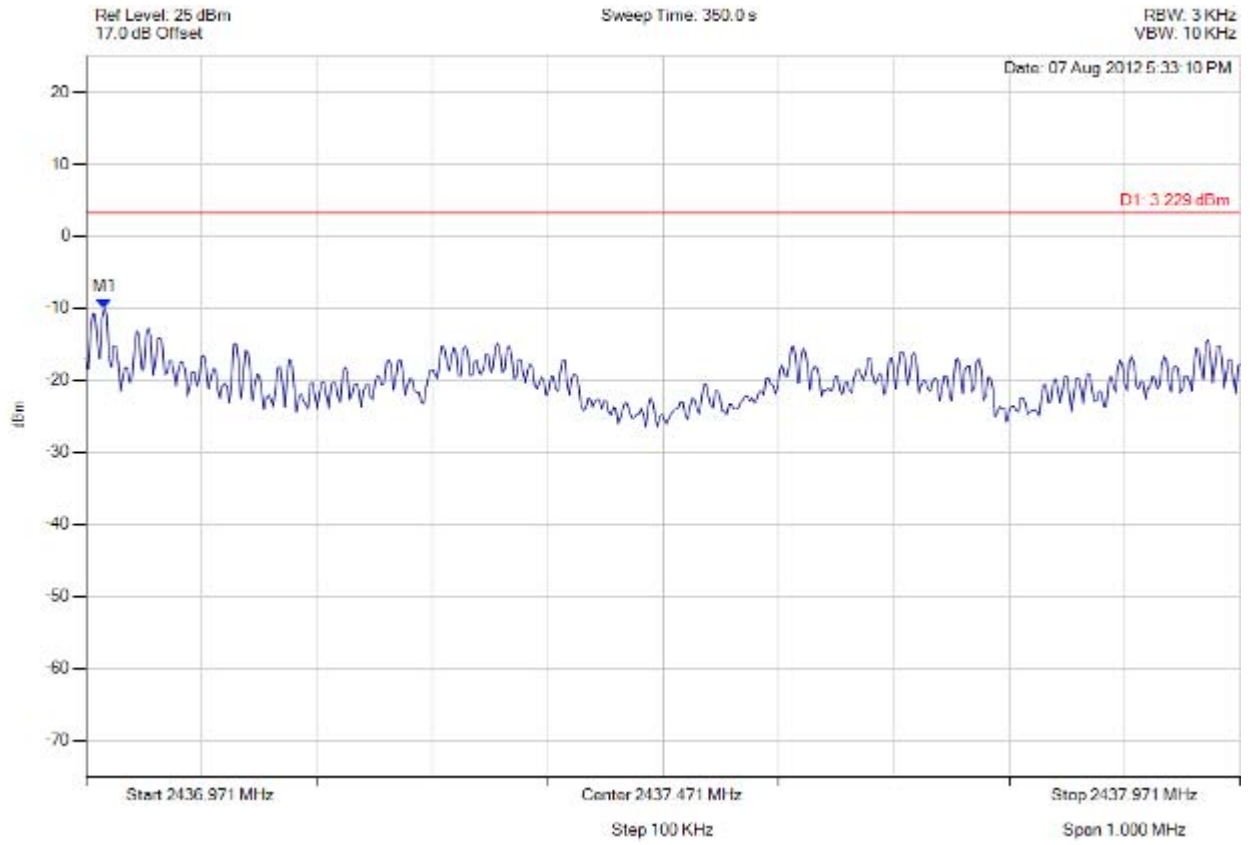
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2436.987 MHz : -10.017 dBm | Limit: 3.229 dBm<br>Margin: -13.25 dB |

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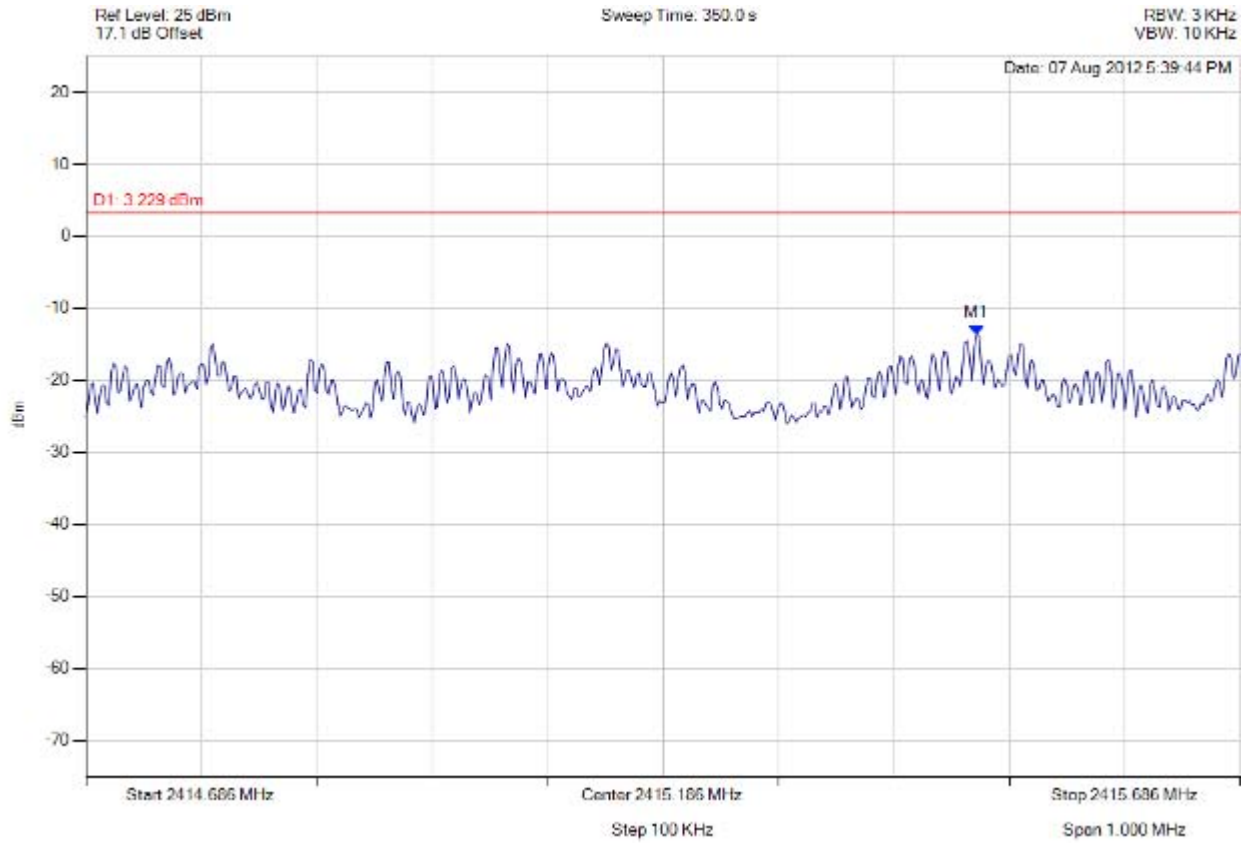
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2415.458 MHz : -13.678 dBm | Limit: 3.229 dBm<br>Margin: -16.91 dB |

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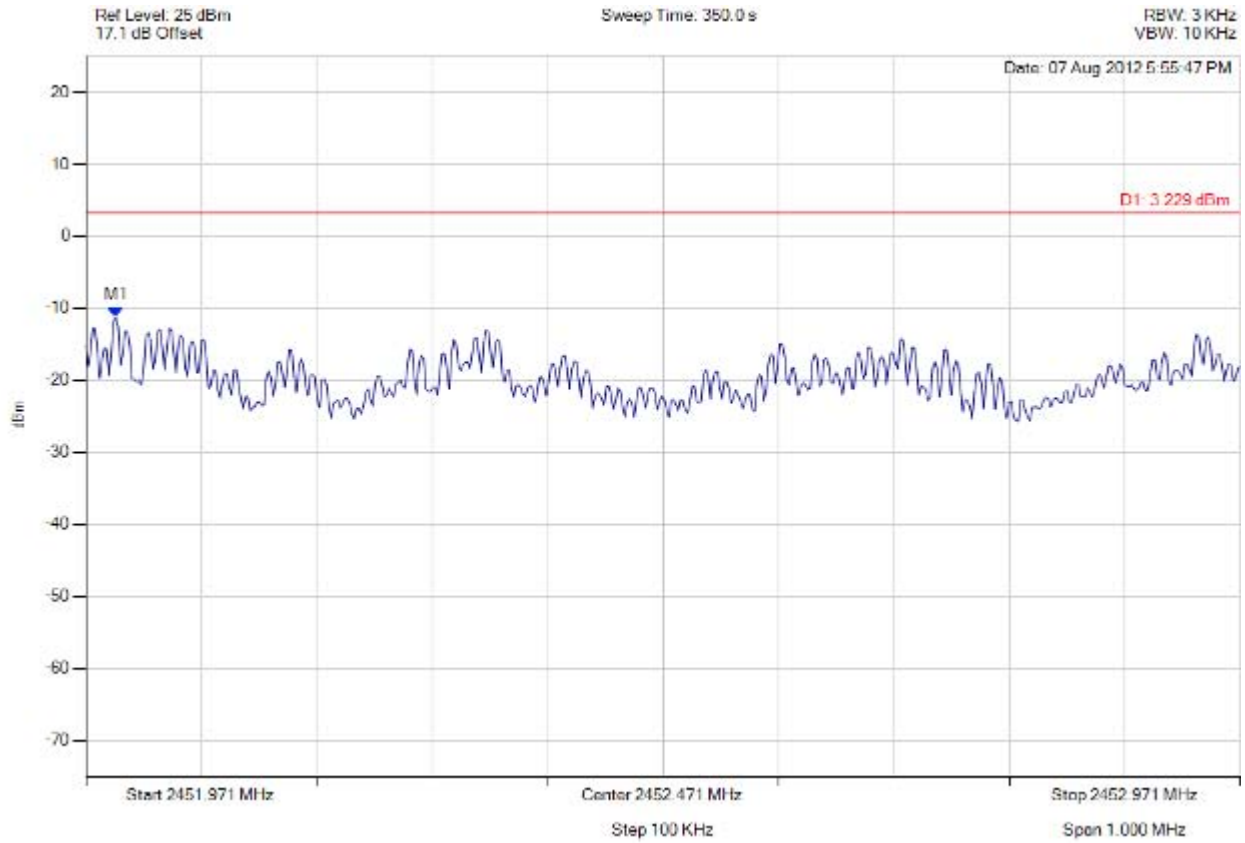
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2451.997 MHz : -11.233 dBm | Limit: 3.229 dBm<br>Margin: -14.46 dB |

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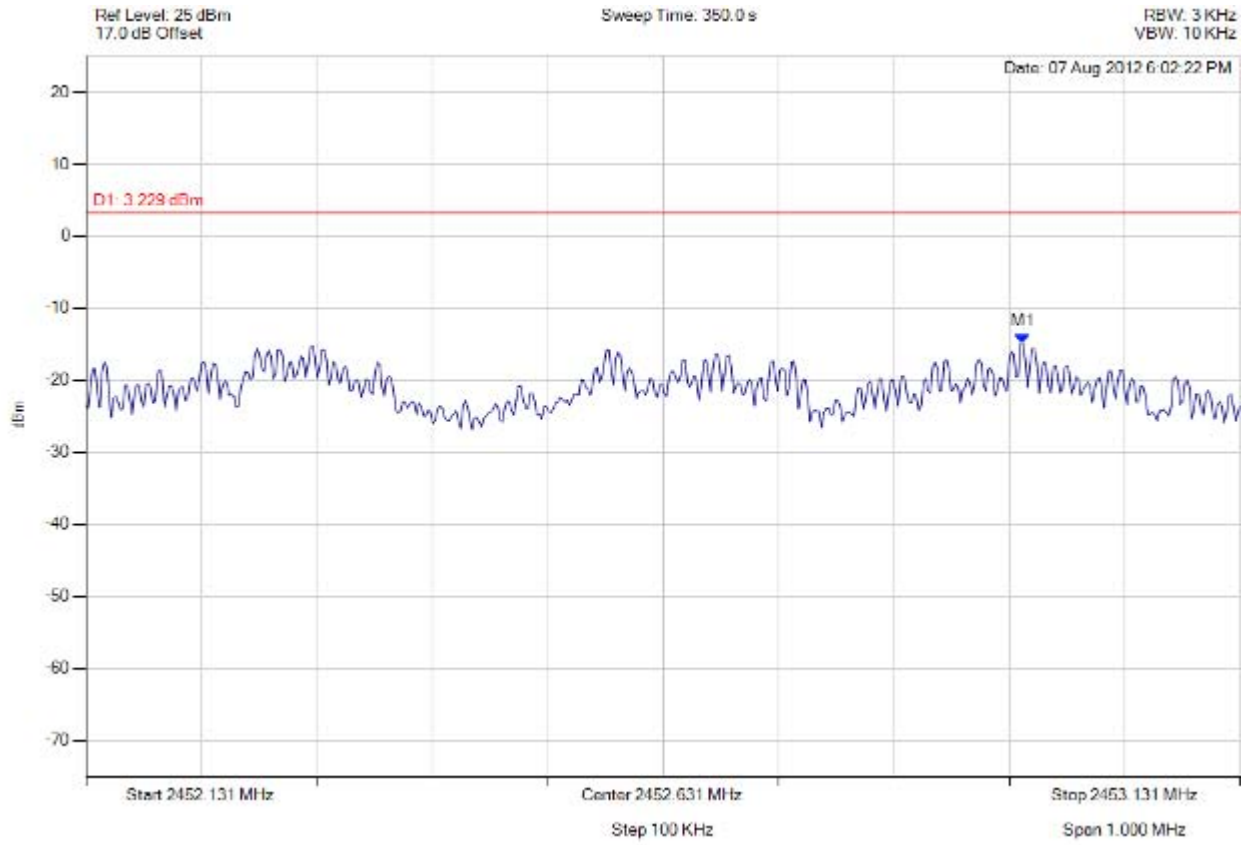
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2452.943 MHz : -14.821 dBm | Limit: 3.229 dBm<br>Margin: -18.05 dB |

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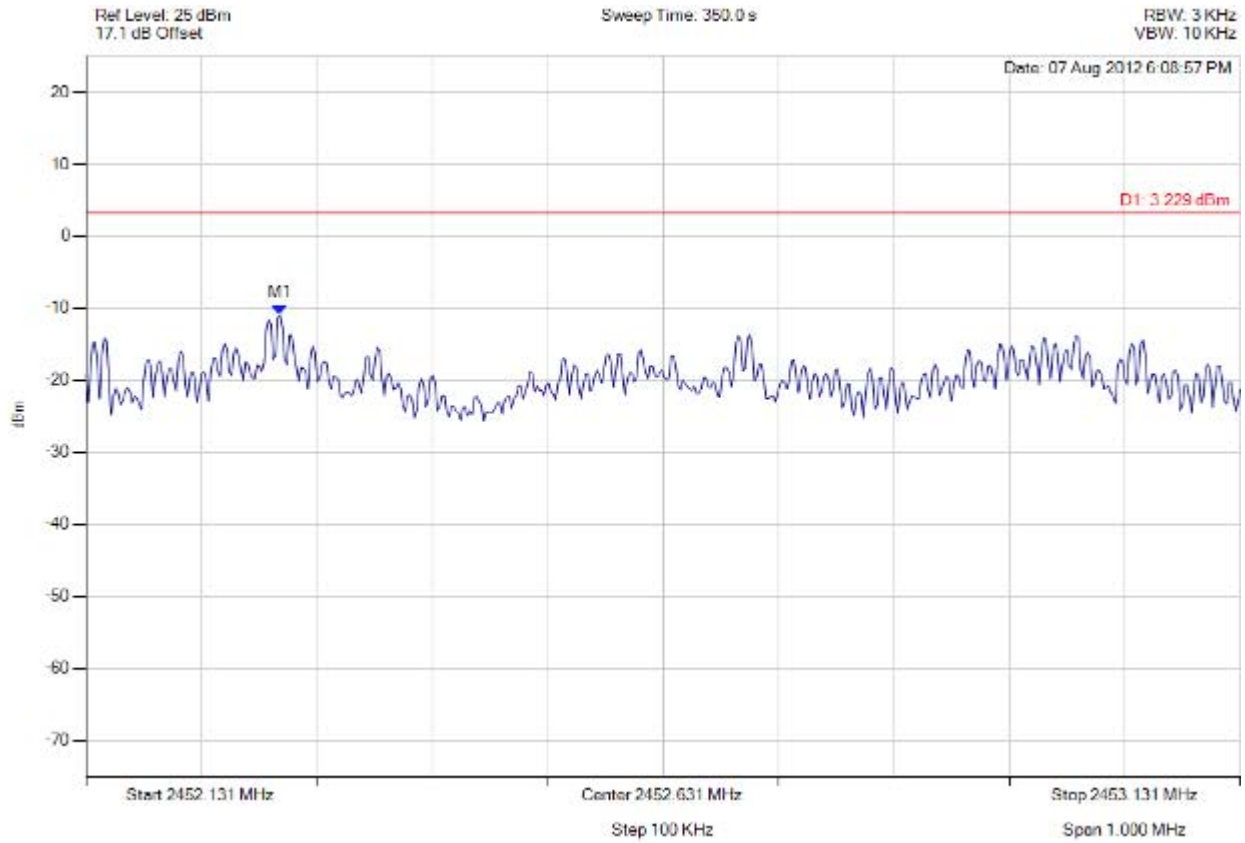
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2452.300 MHz : -10.890 dBm | Limit: 3.229 dBm<br>Margin: -14.12 dB |

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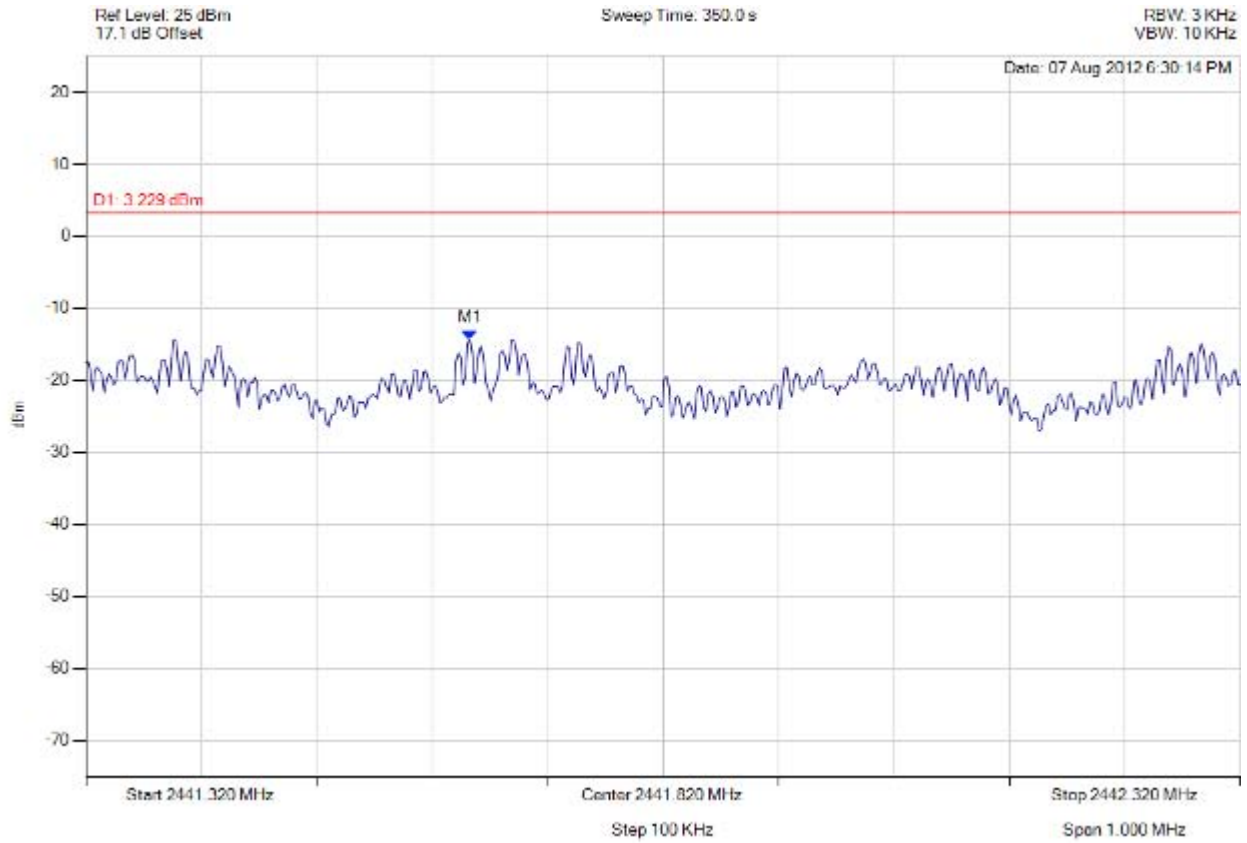
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2441.652 MHz : -14.331 dBm | Limit: 3.229 dBm<br>Margin: -17.56 dB |

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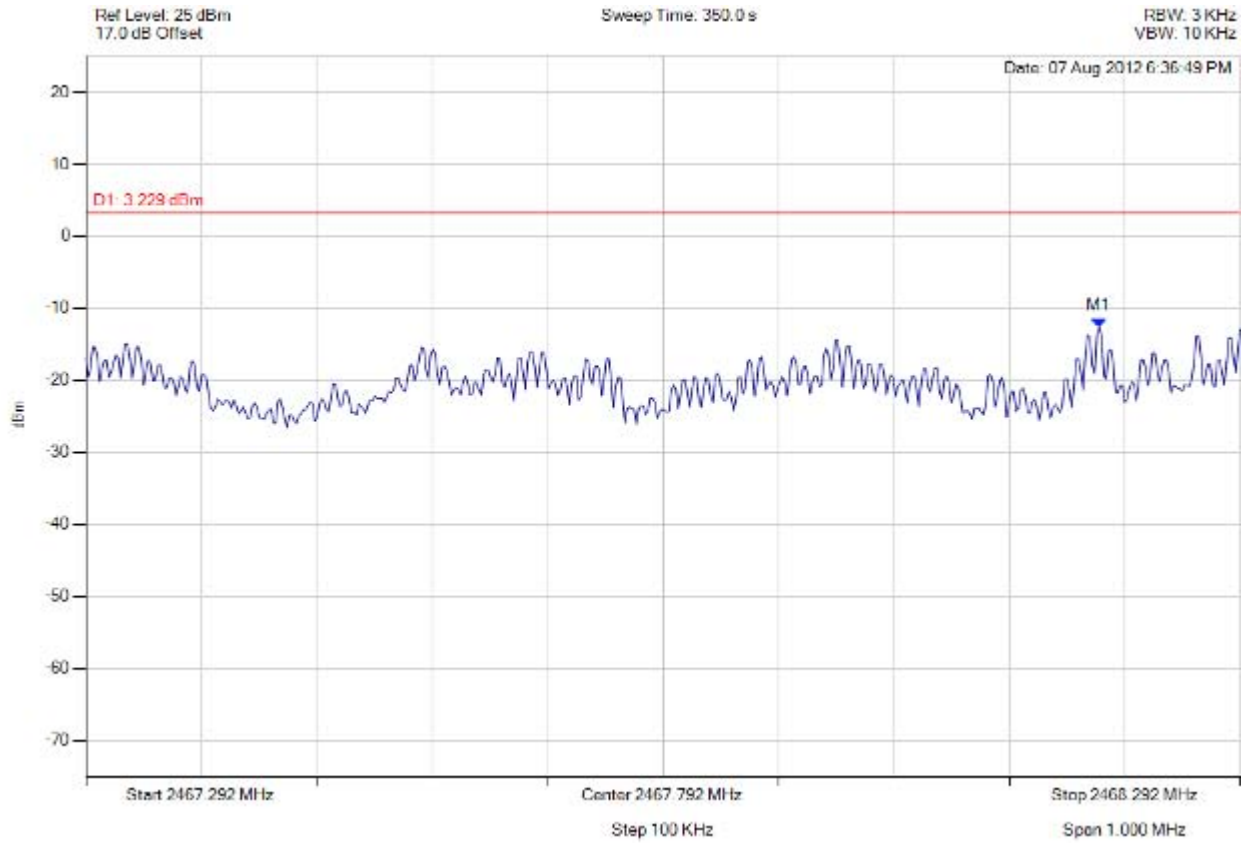
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2468.169 MHz : -12.730 dBm | Limit: 3.229 dBm<br>Margin: -15.96 dB |

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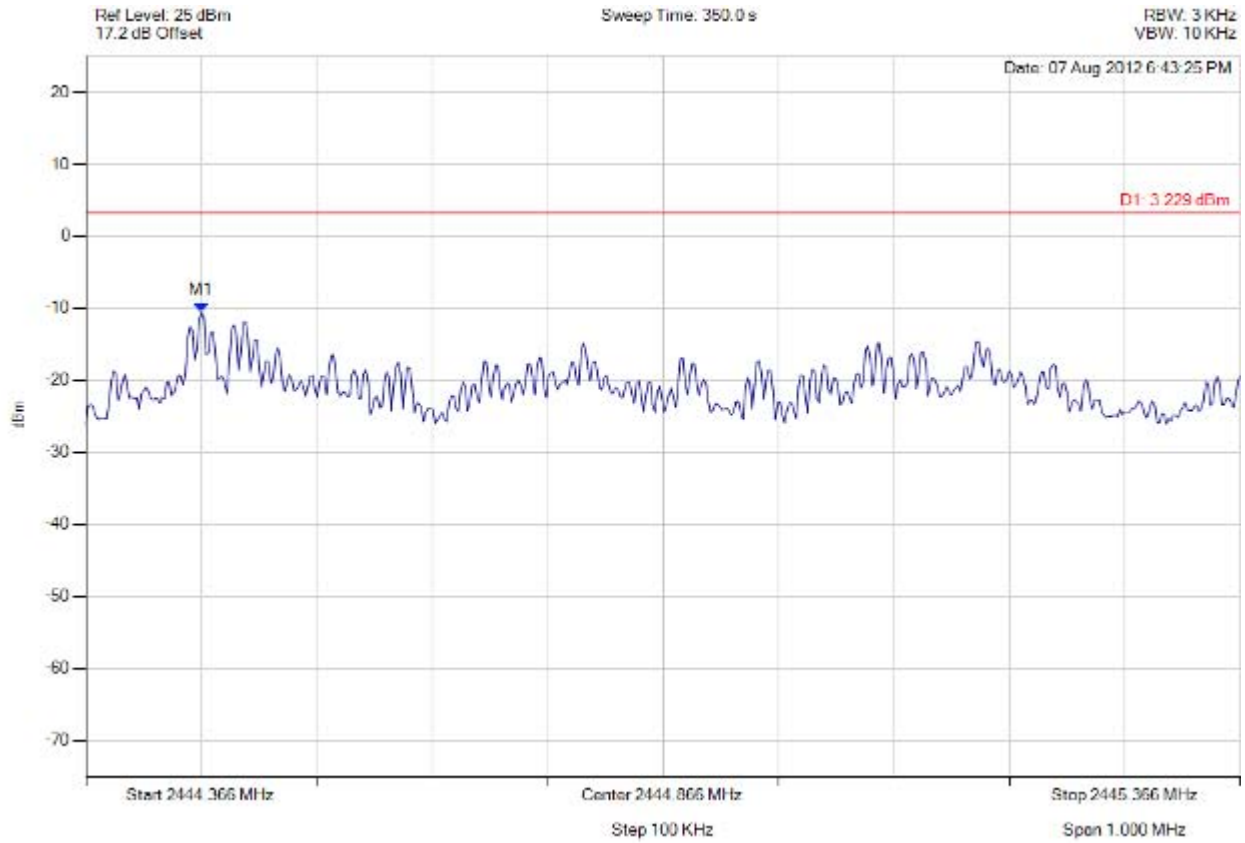
**power density**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2444.466 MHz : -10.564 dBm | Limit: 3.229 dBm<br>Margin: -13.79 dB |

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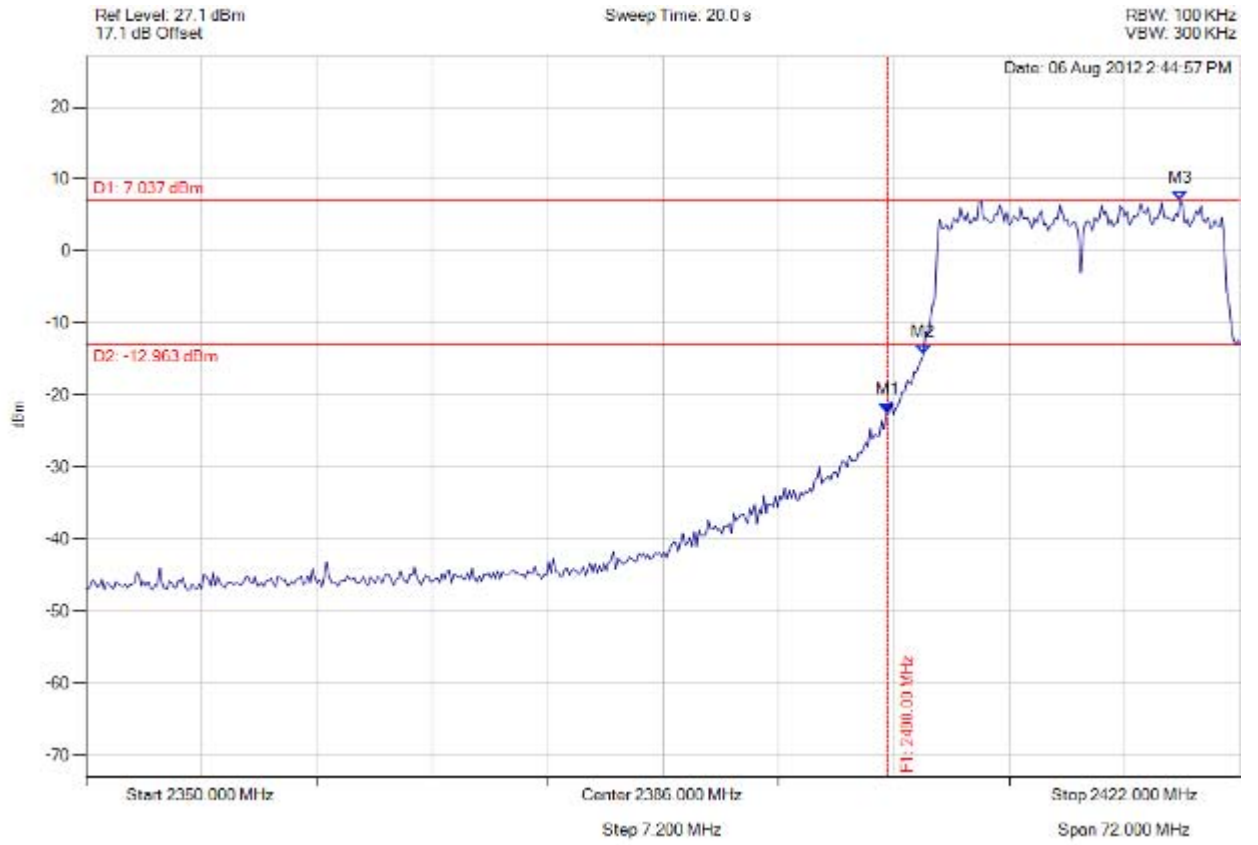
## A.1.4. Conducted Spurious Emissions

**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2400.000 MHz : -22.367 dBm<br>M2 : 2402.232 MHz : -14.329 dBm<br>M3 : 2418.248 MHz : 7.037 dBm | Limit: -12.96<br>Margin: -9 |

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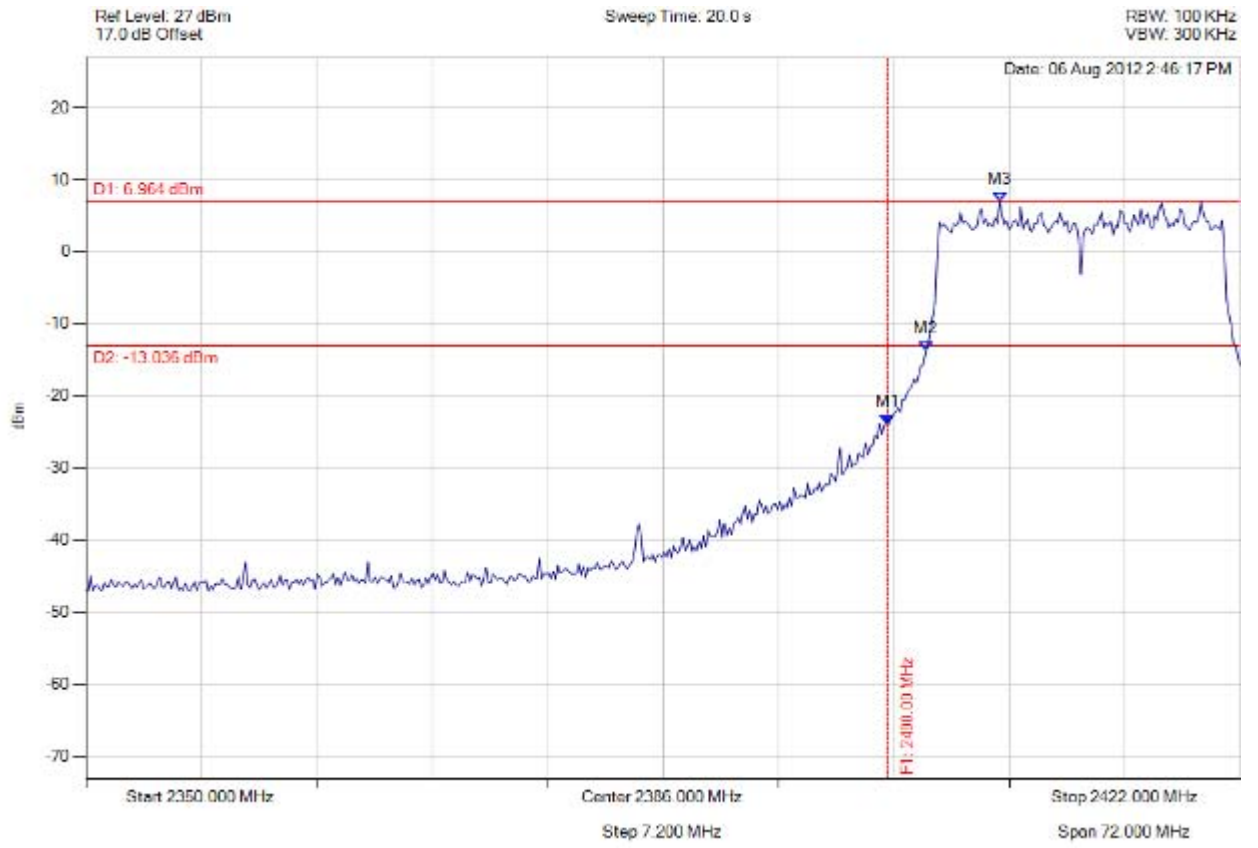
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2400.000 MHz : -23.858 dBm<br>M2 : 2402.377 MHz : -13.738 dBm<br>M3 : 2406.994 MHz : 6.964 dBm | Limit: -13.04<br>Margin: -11 |

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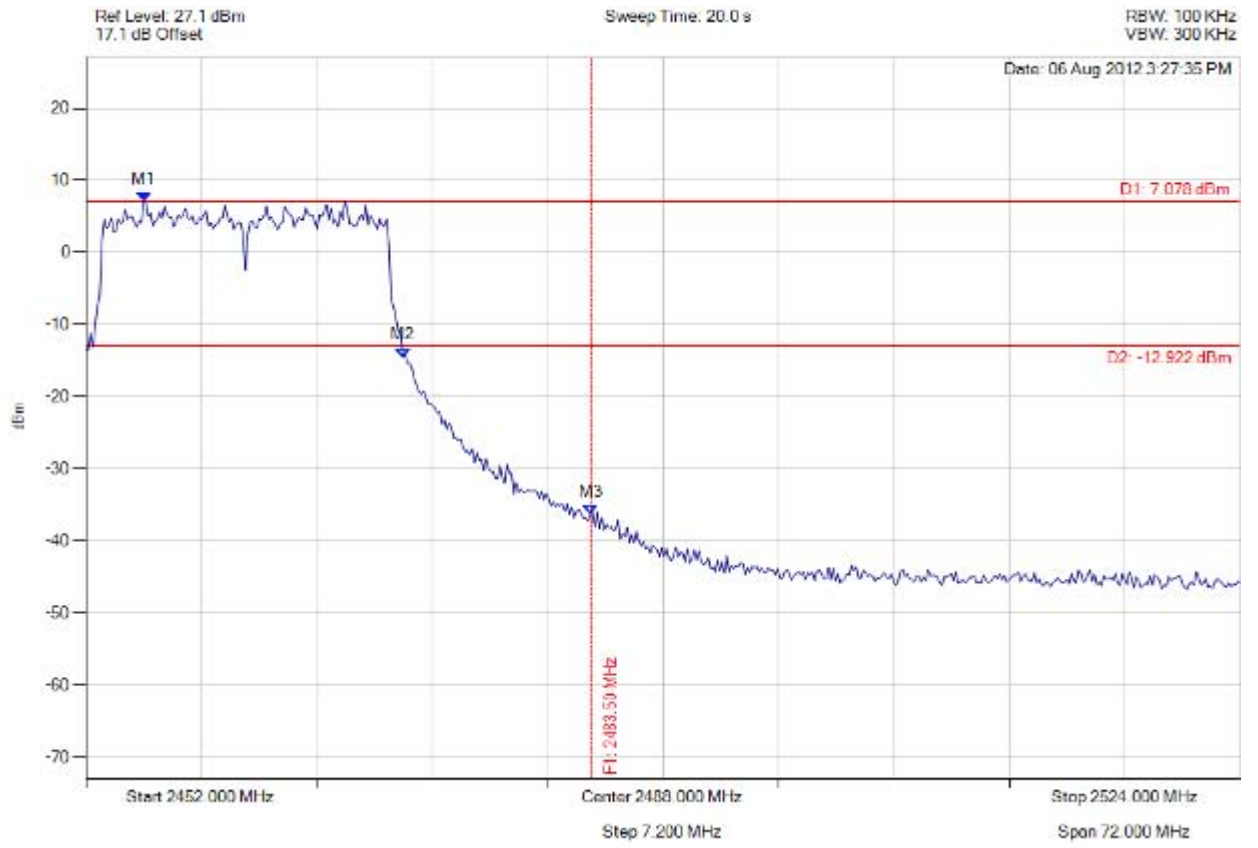
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2455.607 MHz : 7.078 dBm<br>M2 : 2471.768 MHz : -14.525 dBm<br>M3 : 2483.500 MHz : -36.335 dBm | Limit: -12.92<br>Margin: -23 |

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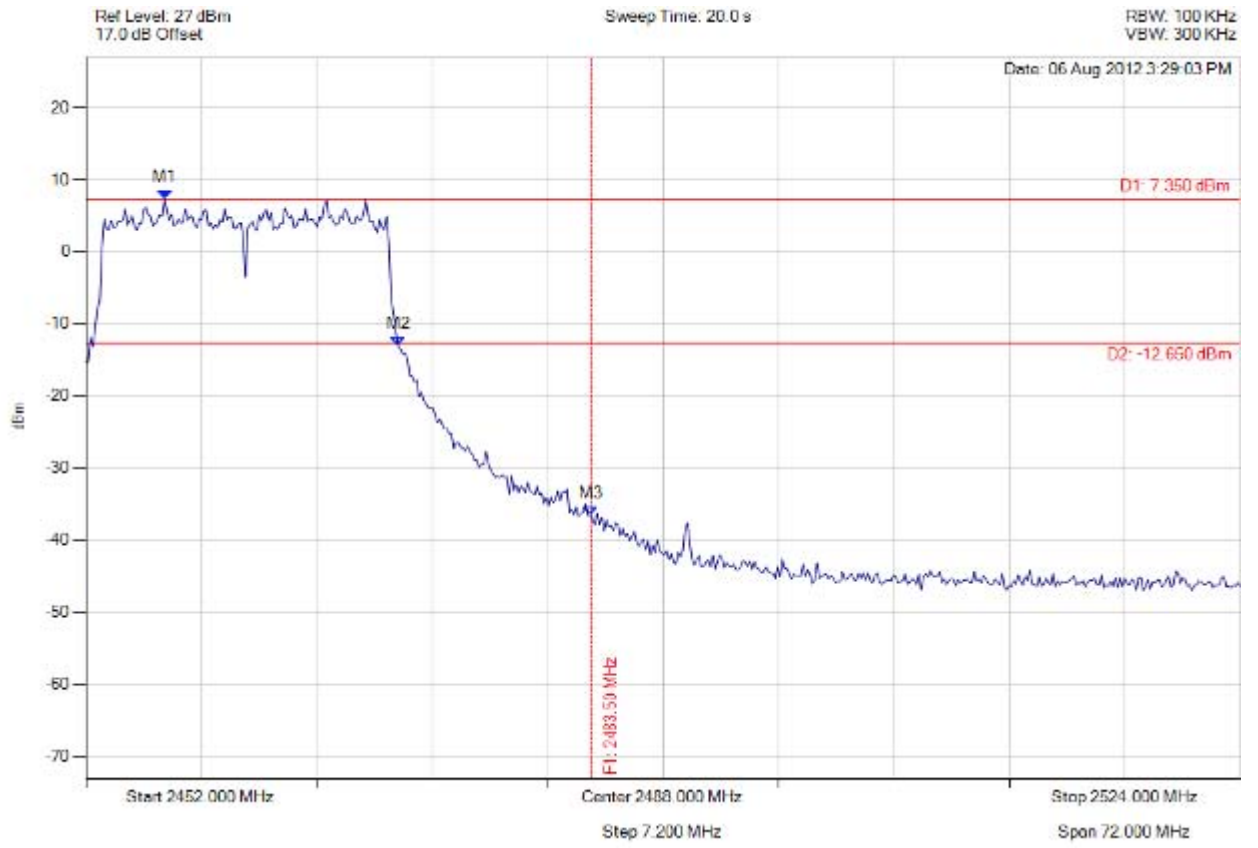
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2456.906 MHz : 7.350 dBm<br>M2 : 2471.479 MHz : -13.059 dBm<br>M3 : 2483.500 MHz : -36.500 dBm | Limit: -12.65<br>Margin: -24 |

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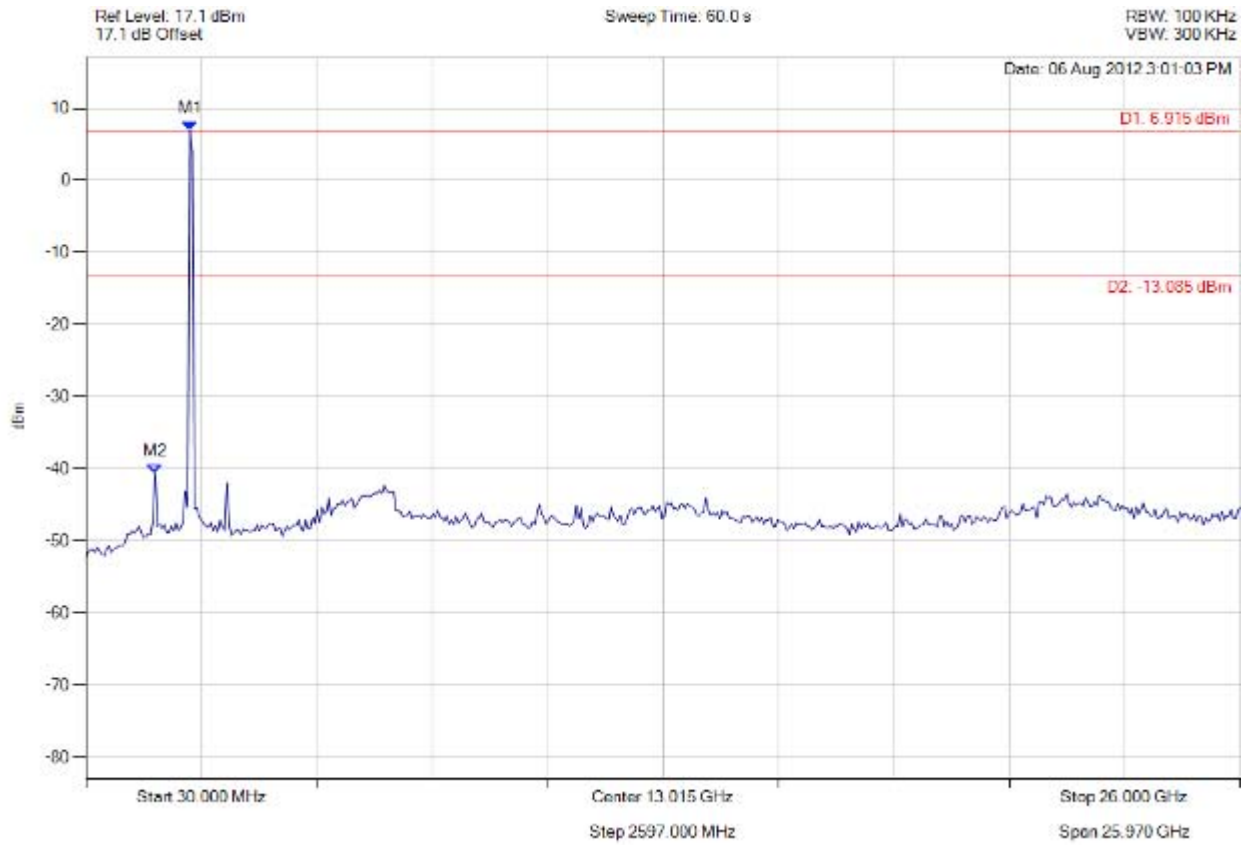
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2371.984 MHz : 6.915 dBm<br>M2 : 1591.323 MHz : -40.677 dBm | Limit: -13.09<br>Margin: -28 |

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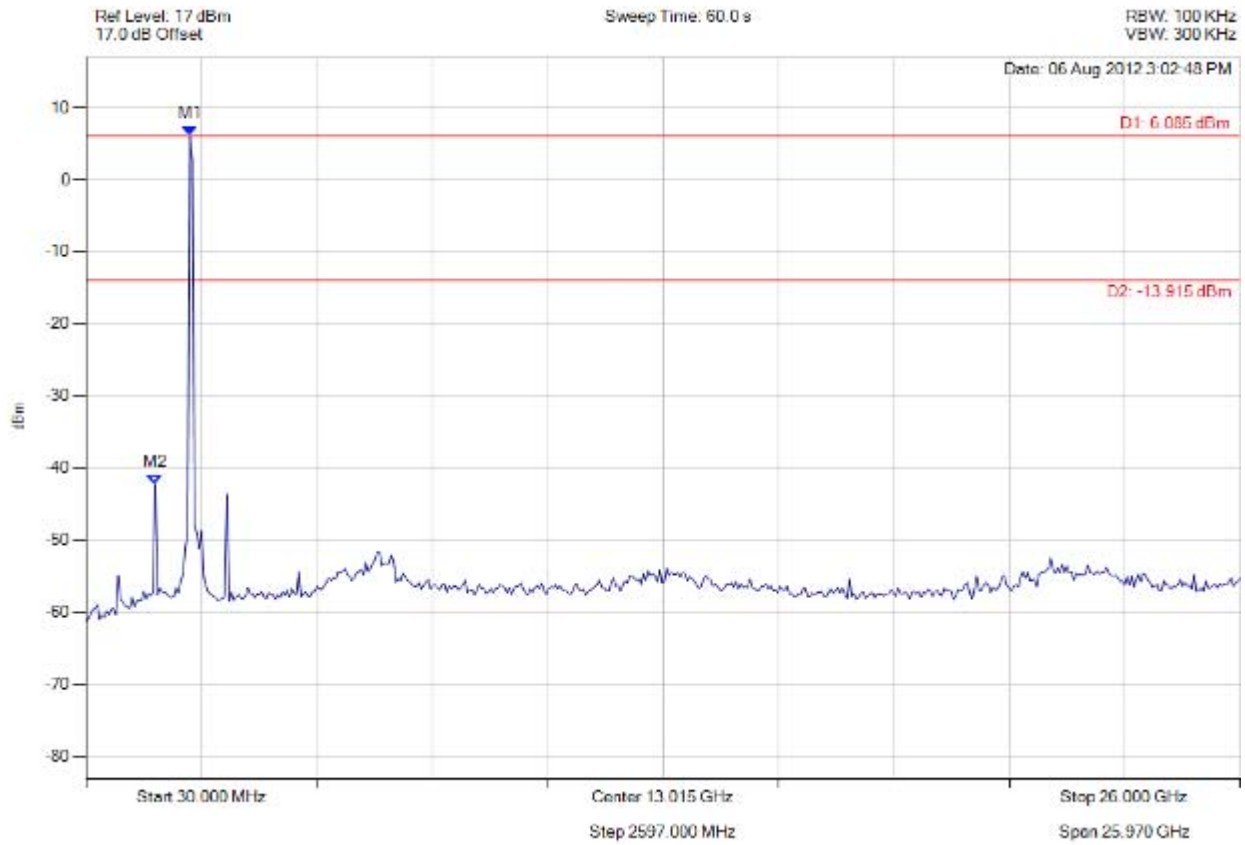
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2371.984 MHz : 6.085 dBm<br>M2 : 1591.323 MHz : -42.237 dBm | Limit: -13.92<br>Margin: -28 |

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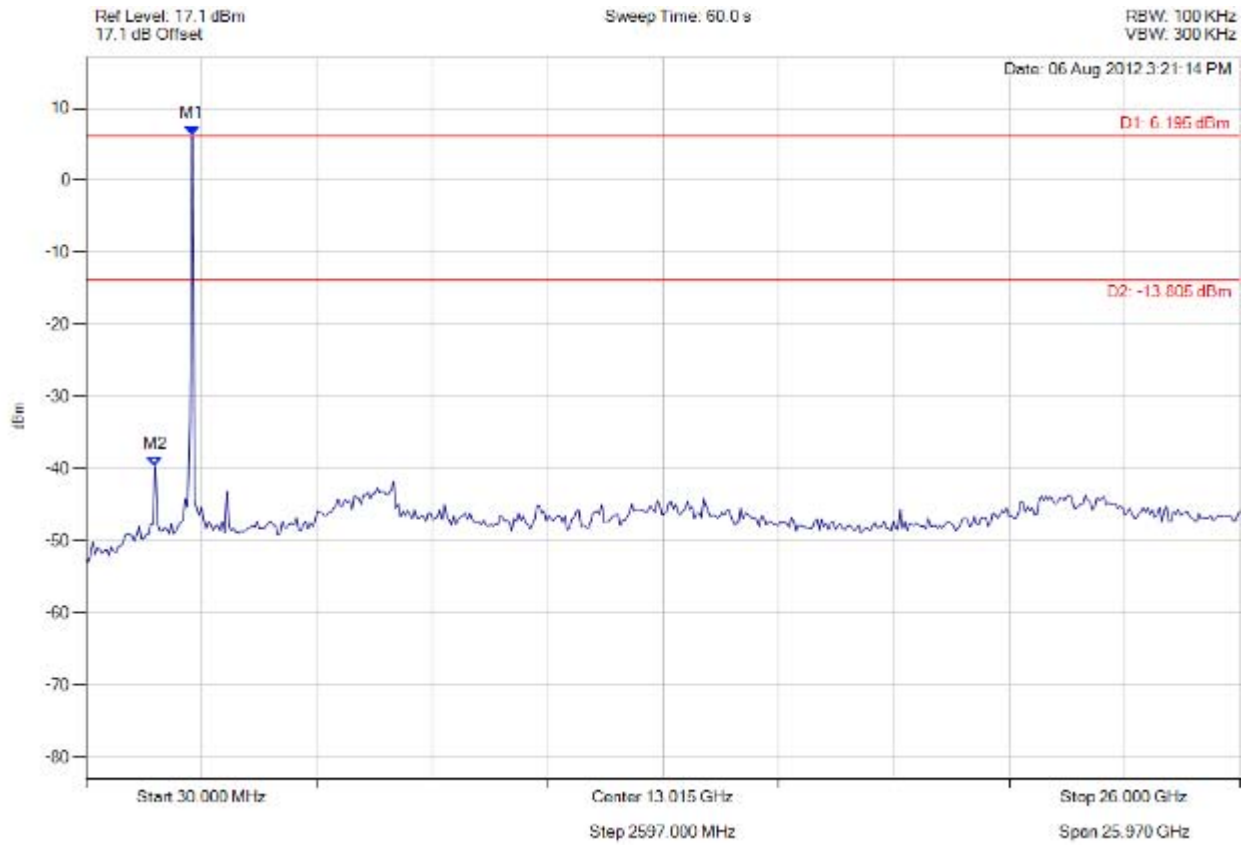
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 6.195 dBm<br>M2 : 1591.323 MHz : -39.650 dBm | Limit: -13.81<br>Margin: -26 |

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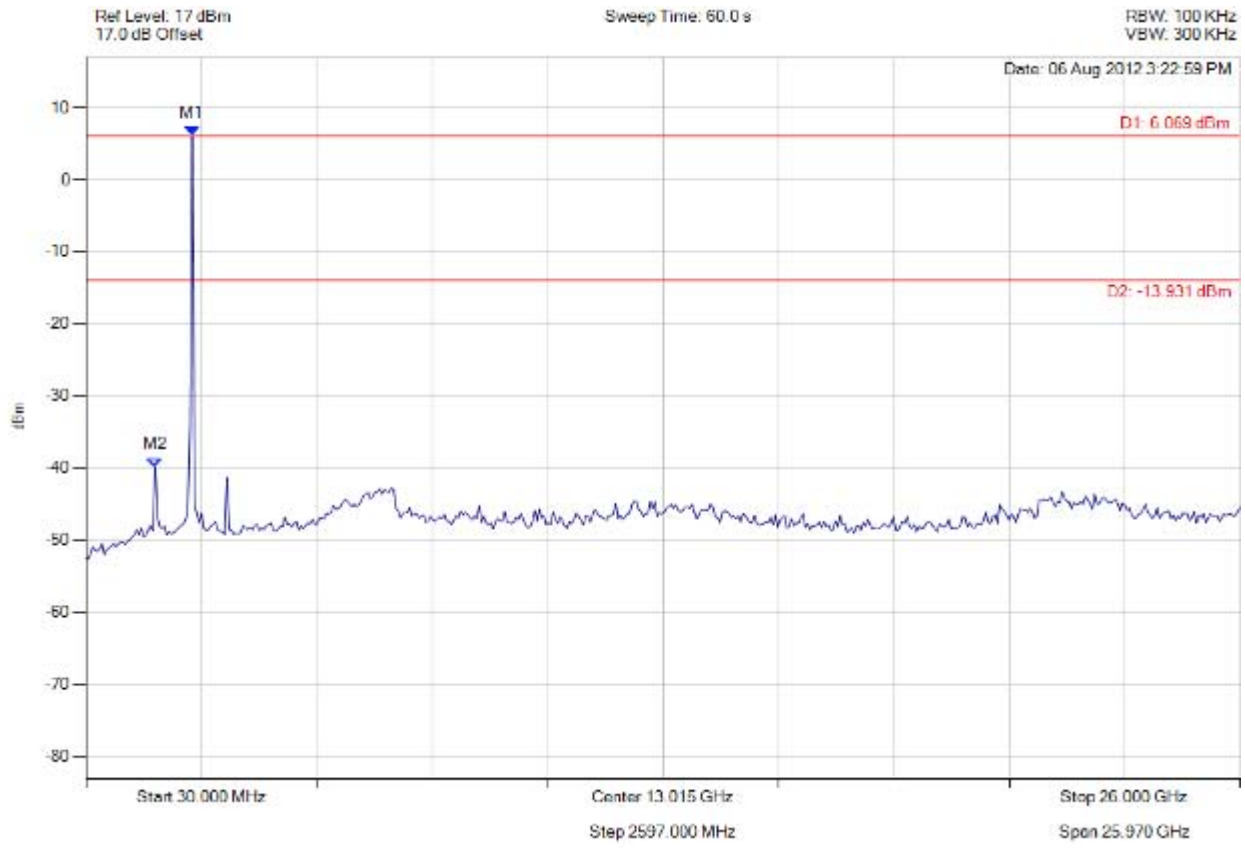
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 6.069 dBm<br>M2 : 1591.323 MHz : -39.803 dBm | Limit: -13.93<br>Margin: -26 |

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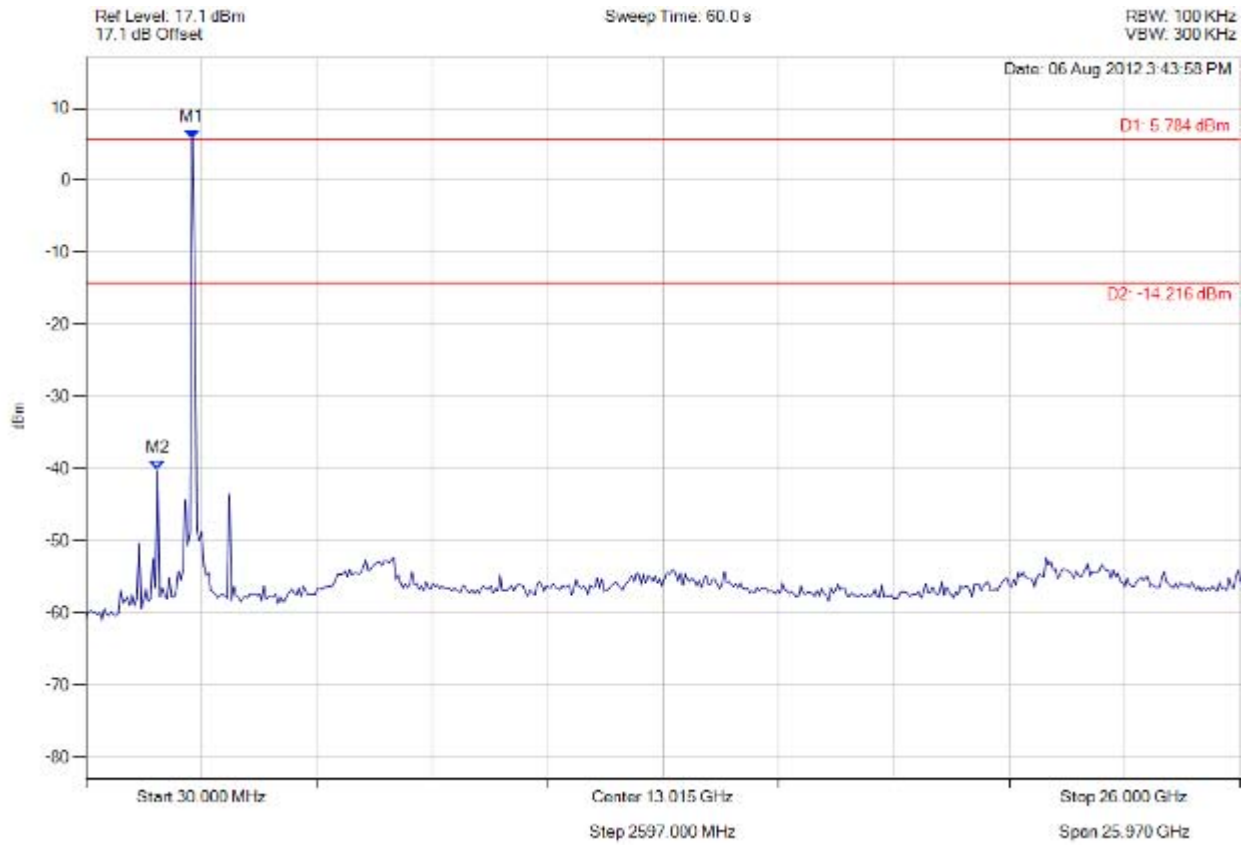
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 5.784 dBm<br>M2 : 1643.367 MHz : -40.164 dBm | Limit: -14.22<br>Margin: -26 |

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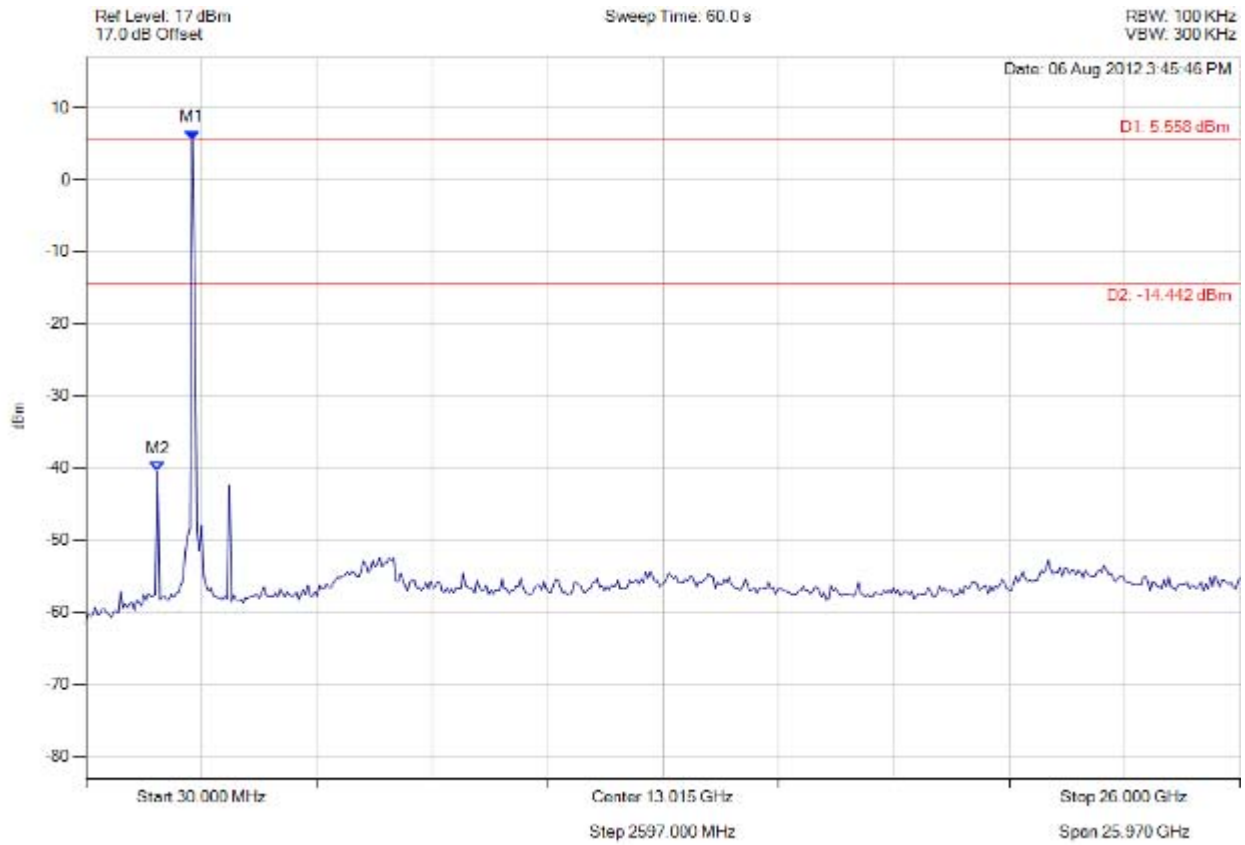
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 5.558 dBm<br>M2 : 1643.367 MHz : -40.378 dBm | Limit: -14.44<br>Margin: -26 |

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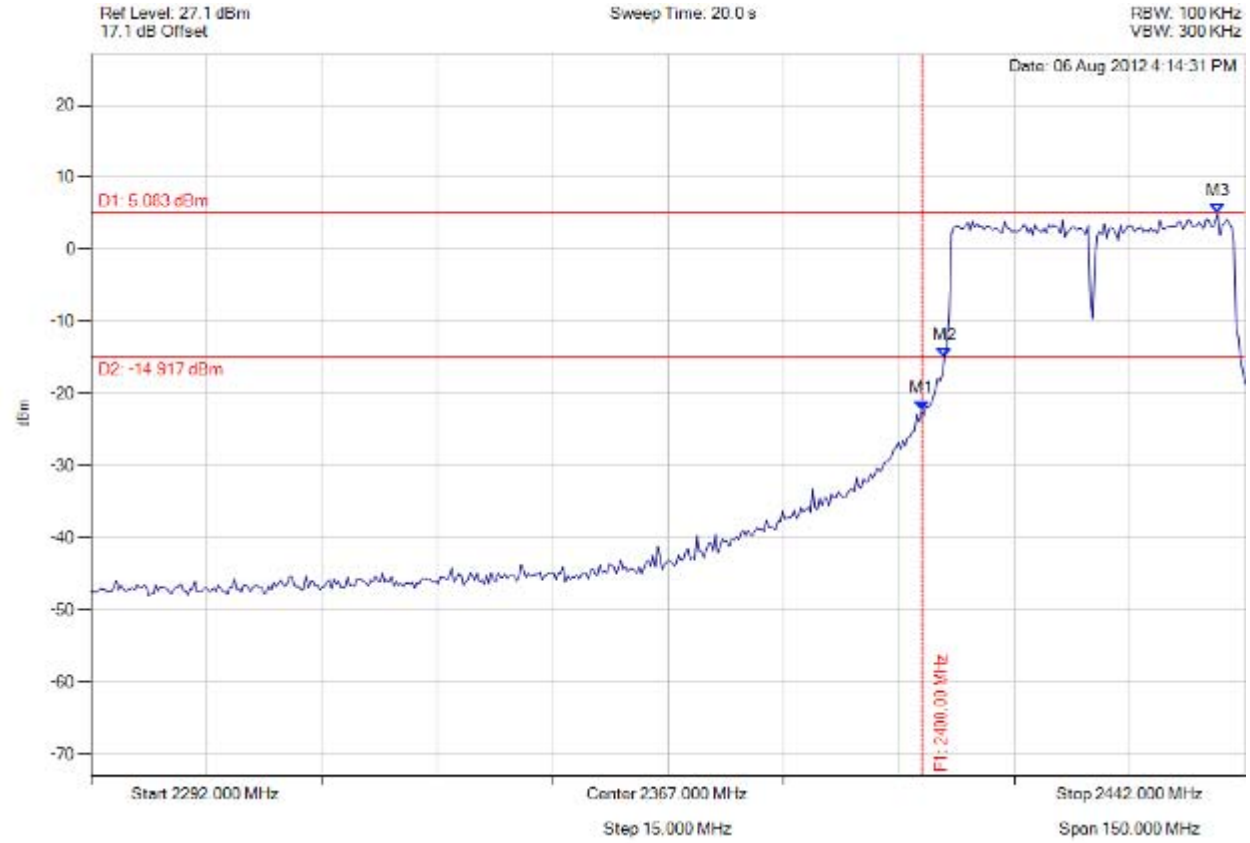
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2400.000 MHz : -22.318 dBm<br>M2 : 2402.922 MHz : -14.964 dBm<br>M3 : 2438.393 MHz : 5.083 dBm | Limit: -14.92<br>Margin: -7 |

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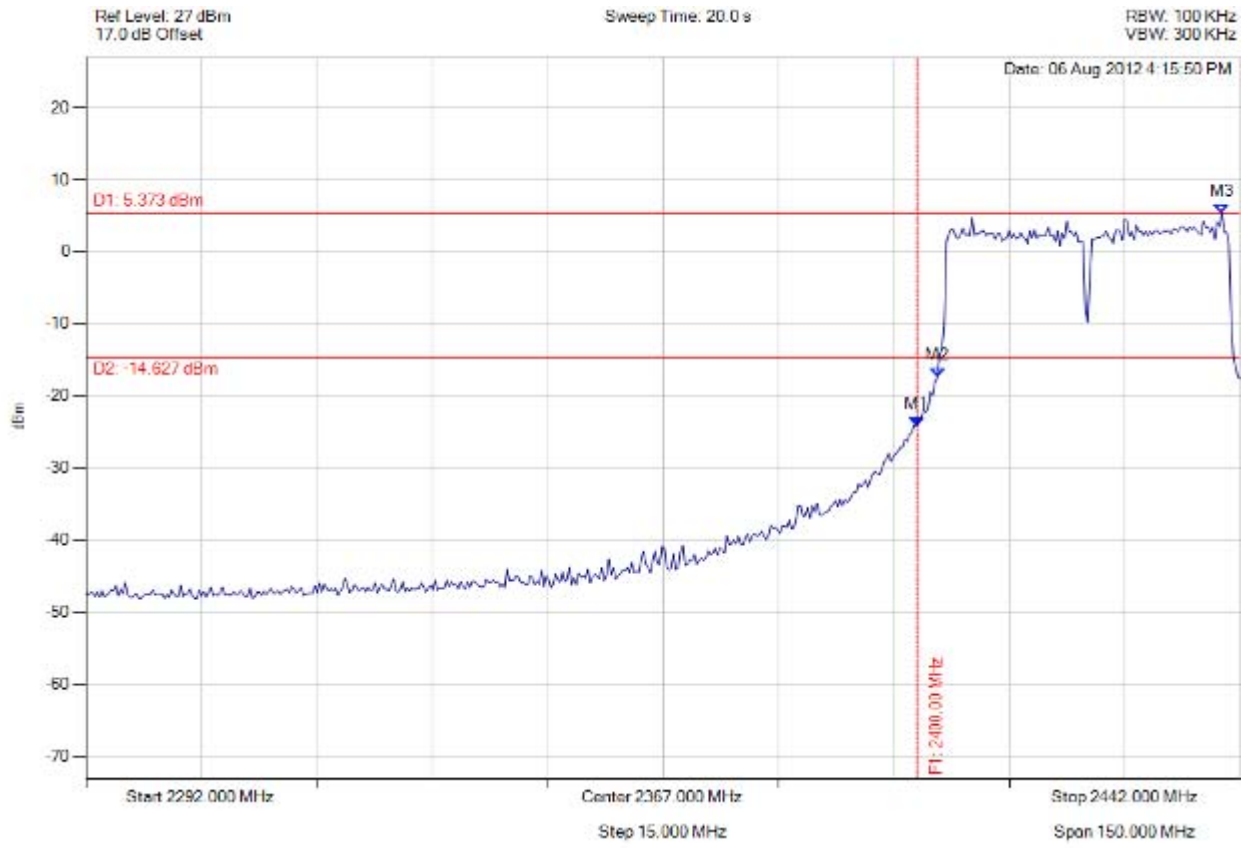
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2400.000 MHz : -24.195 dBm<br>M2 : 2402.621 MHz : -17.397 dBm<br>M3 : 2439.595 MHz : 5.373 dBm | Limit: -14.63<br>Margin: -10 |

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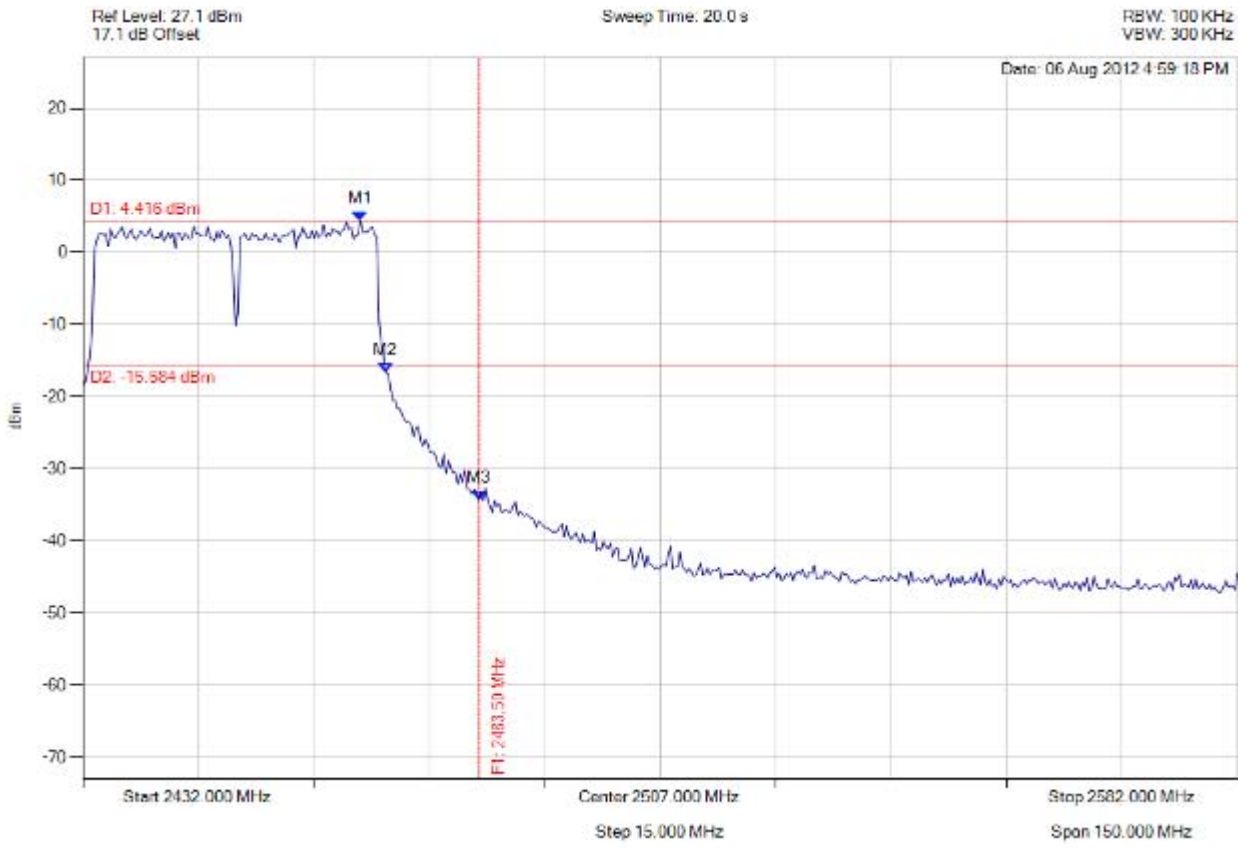
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2468.072 MHz : 4.416 dBm<br>M2 : 2471.379 MHz : -16.648 dBm<br>M3 : 2483.500 MHz : -34.289 dBm | Limit: -15.58<br>Margin: -19 |

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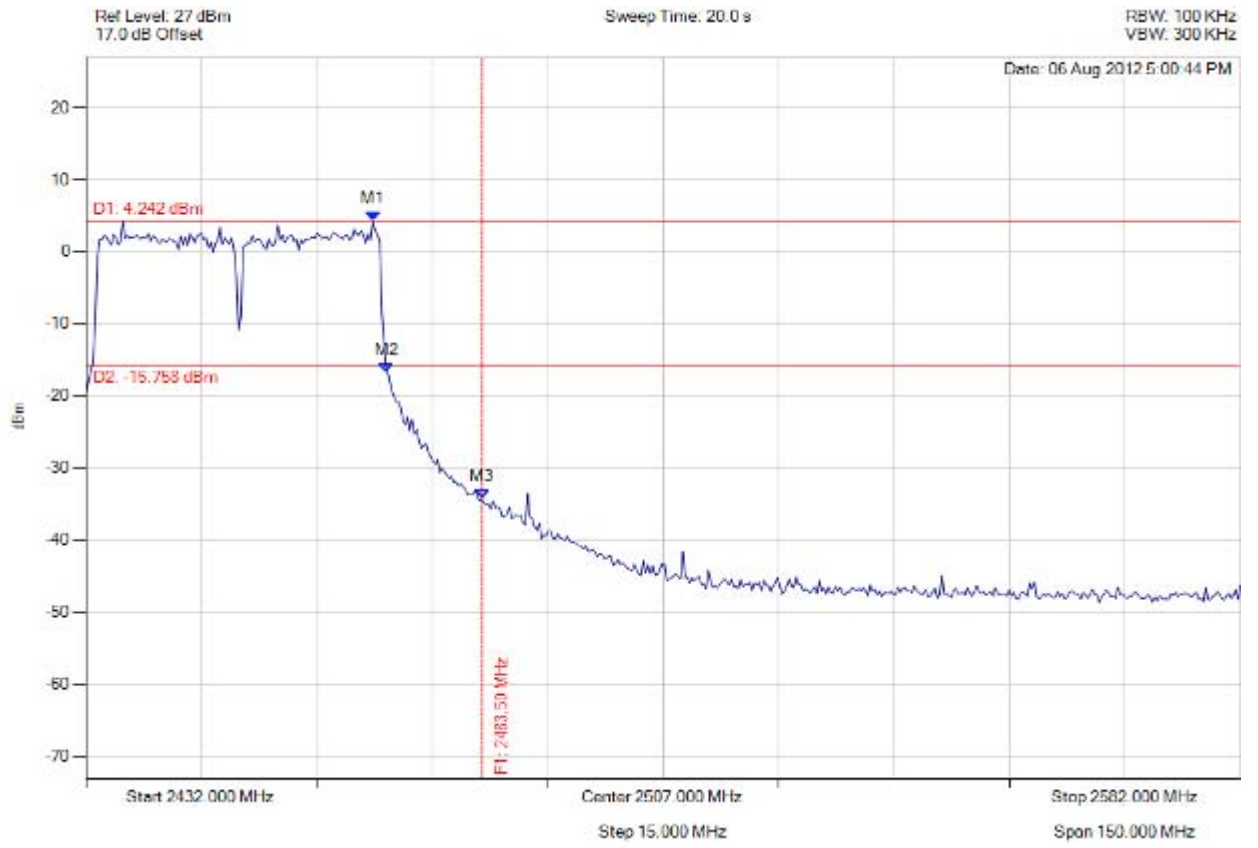
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2469.275 MHz : 4.242 dBm<br>M2 : 2471.078 MHz : -16.736 dBm<br>M3 : 2483.500 MHz : -34.269 dBm | Limit: -15.76<br>Margin: -19 |

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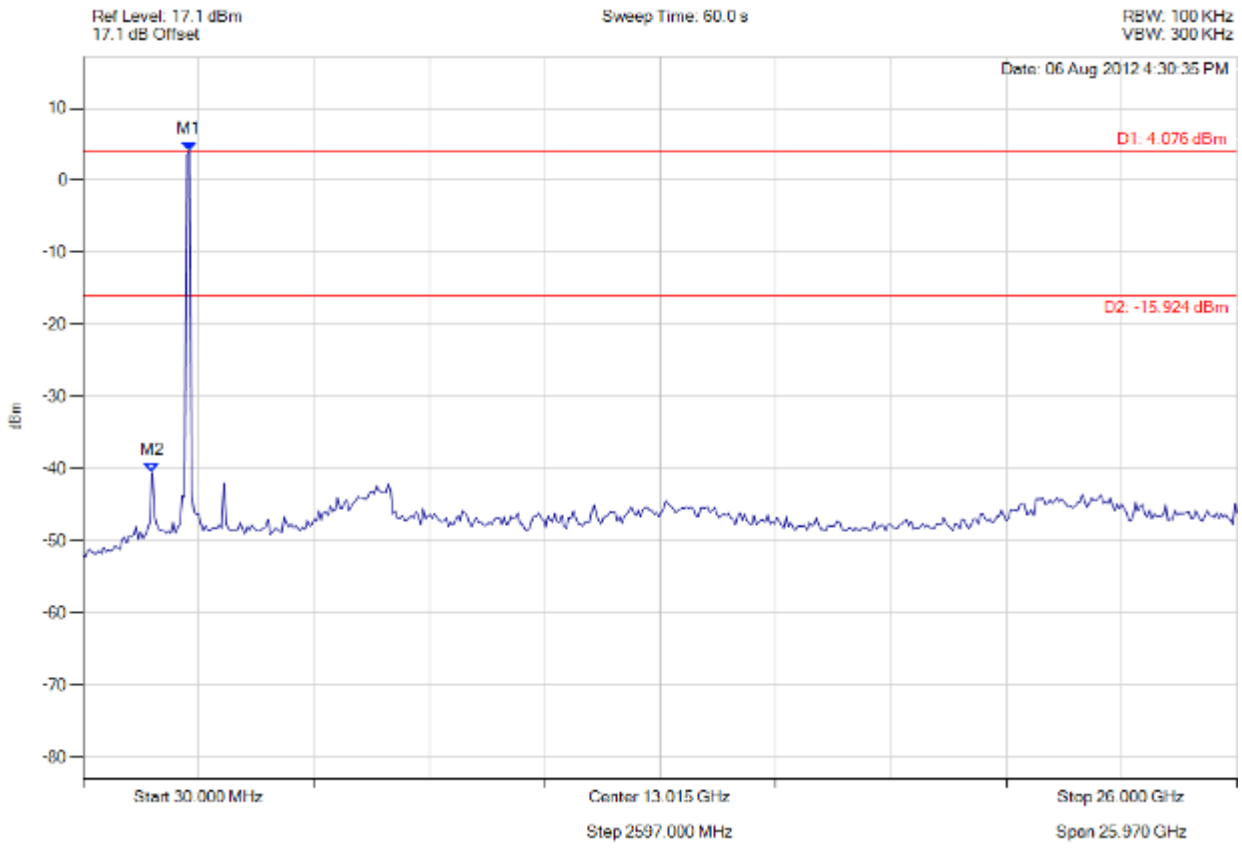
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 4.076 dBm<br>M2 : 1591.323 MHz : -40.494 dBm | Limit: -15.92<br>Margin: -25 |

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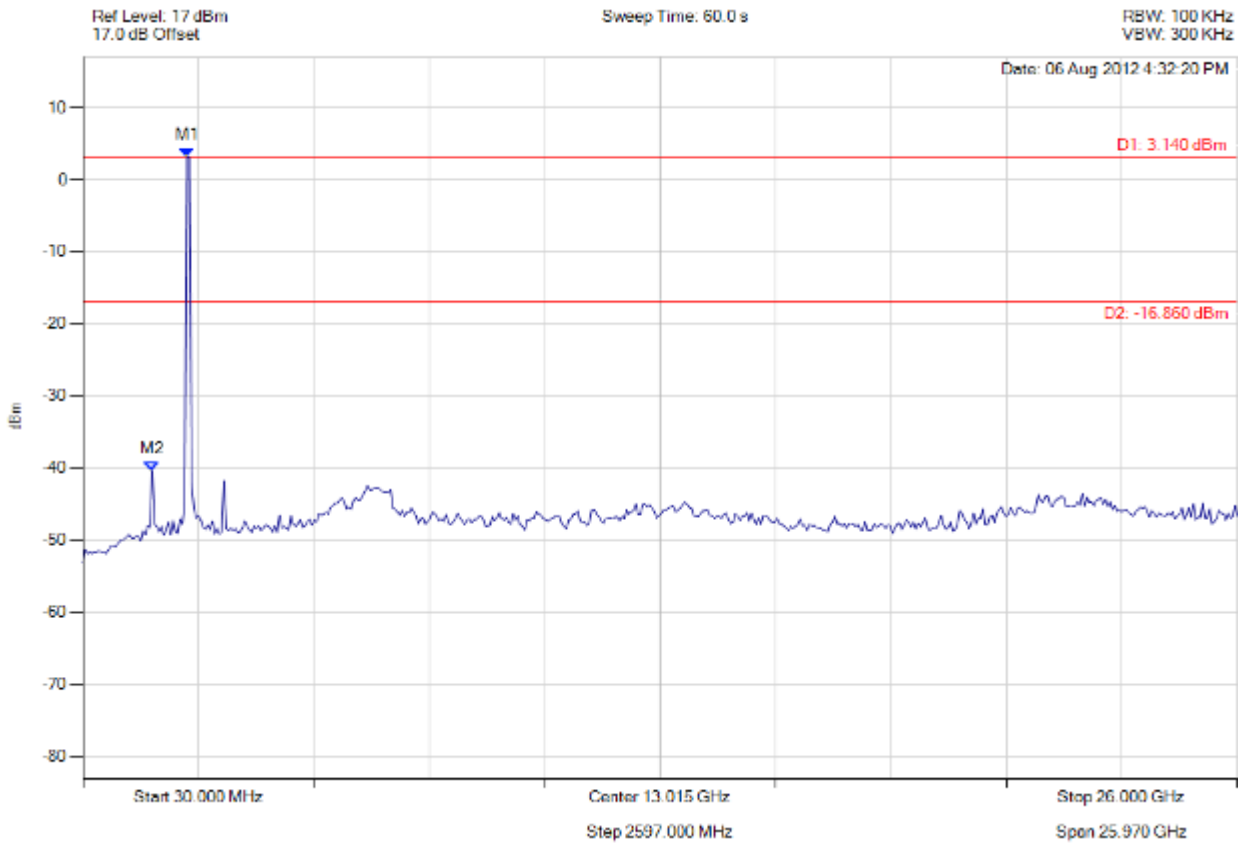
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2371.984 MHz : 3.140 dBm<br>M2 : 1591.323 MHz : -40.356 dBm | Limit: -16.86<br>Margin: -23 |

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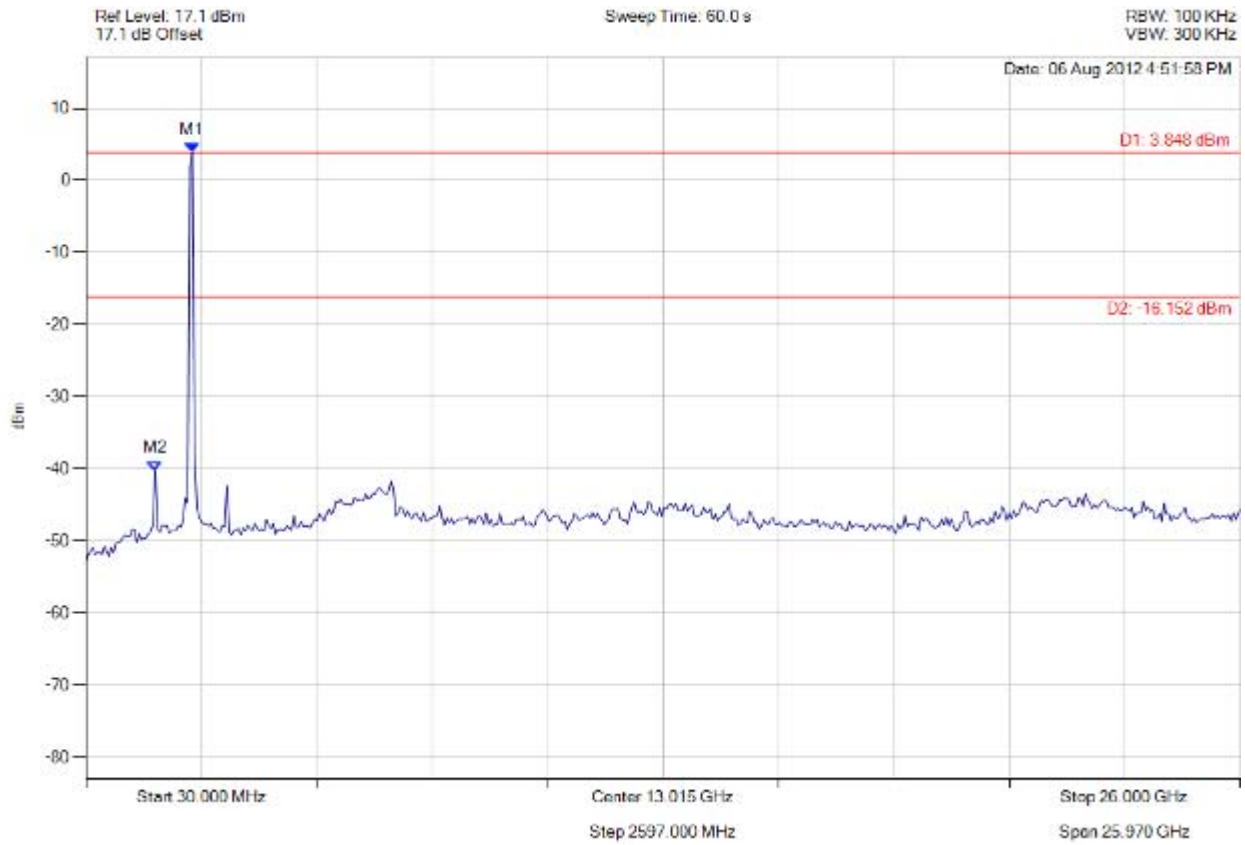
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 3.848 dBm<br>M2 : 1591.323 MHz : -40.203 dBm | Limit: -16.15<br>Margin: -24 |

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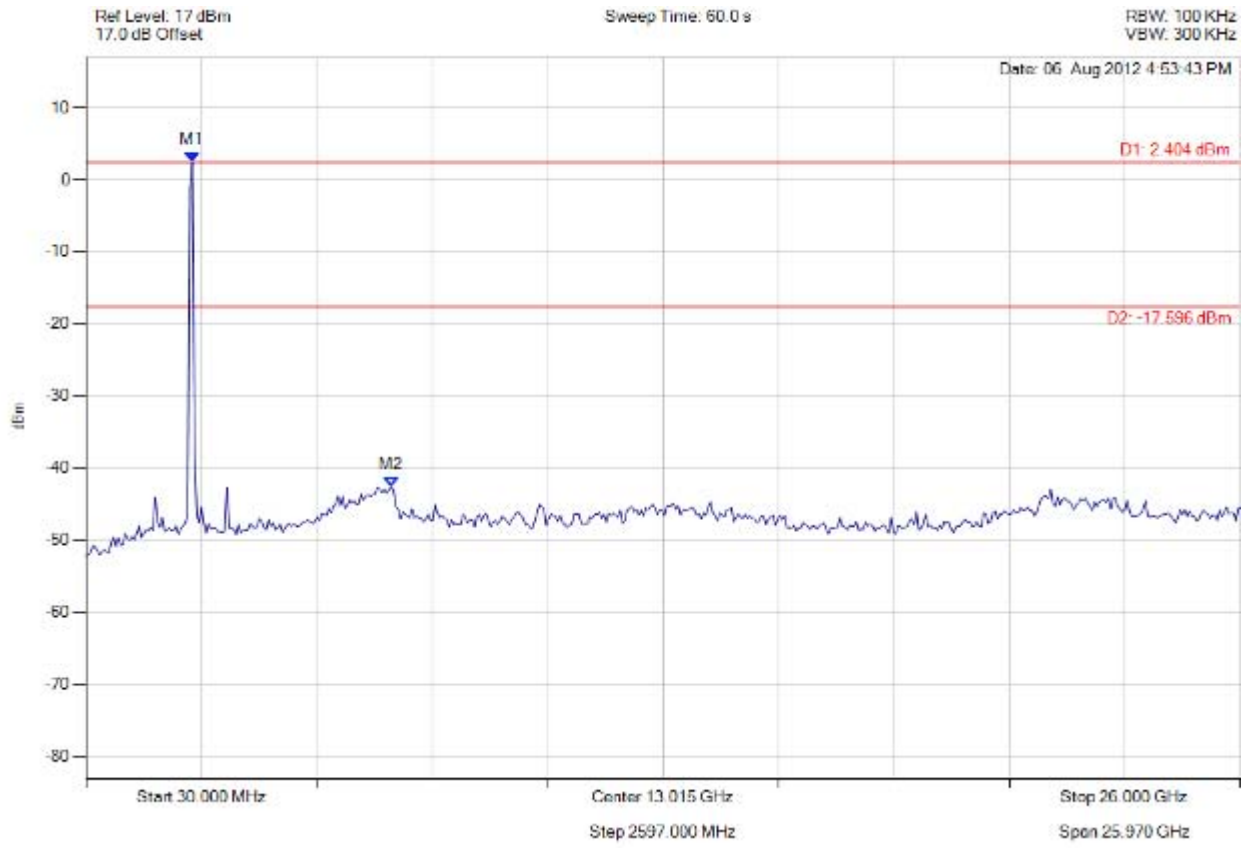
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 2.404 dBm<br>M2 : 6899.820 MHz : -42.518 dBm | Limit: -17.60<br>Margin: -25 |

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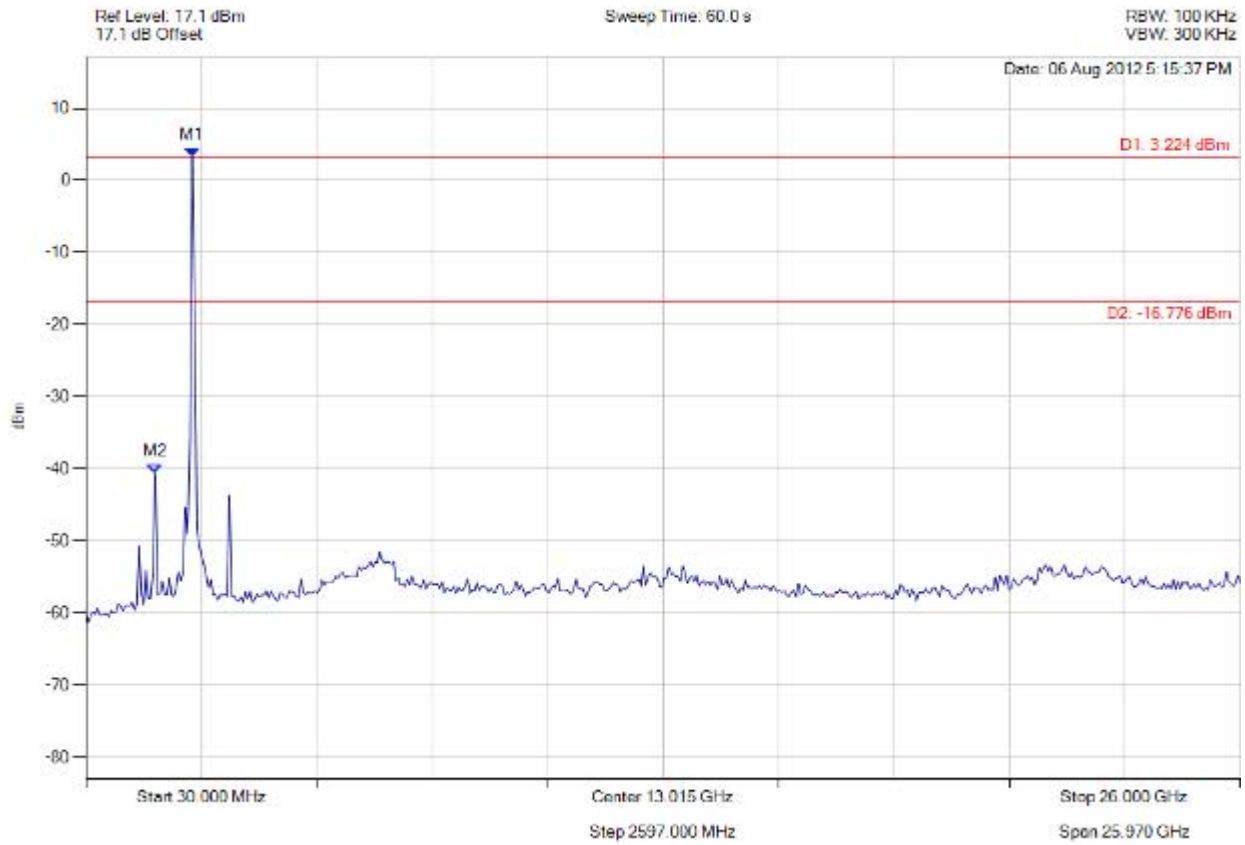
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 3.224 dBm<br>M2 : 1591.323 MHz : -40.660 dBm | Limit: -16.78<br>Margin: -24 |

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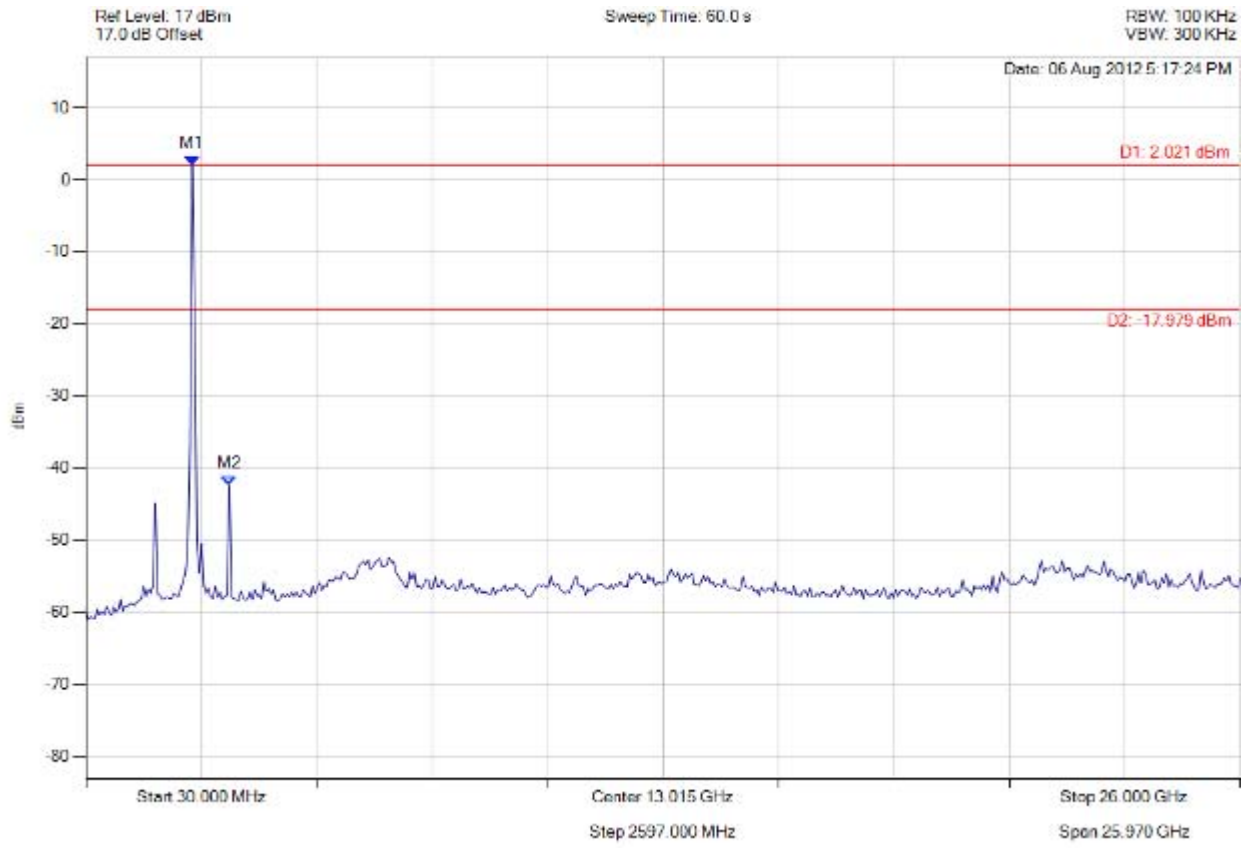
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 2.021 dBm<br>M2 : 3256.733 MHz : -42.414 dBm | Limit: -17.98<br>Margin: -24 |

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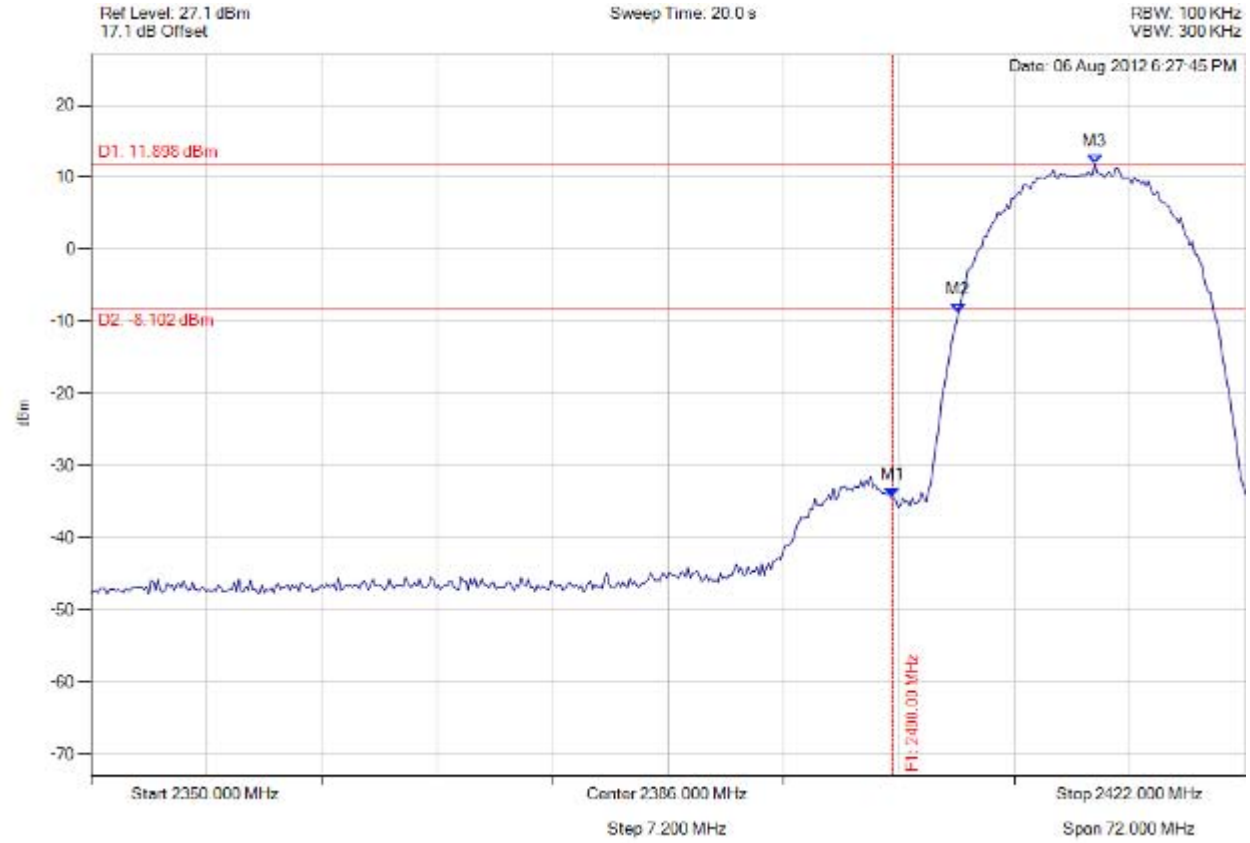
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2400.000 MHz : -34.354 dBm<br>M2 : 2404.108 MHz : -8.688 dBm<br>M3 : 2412.621 MHz : 11.898 dBm | Limit: -8.10<br>Margin: -26 |

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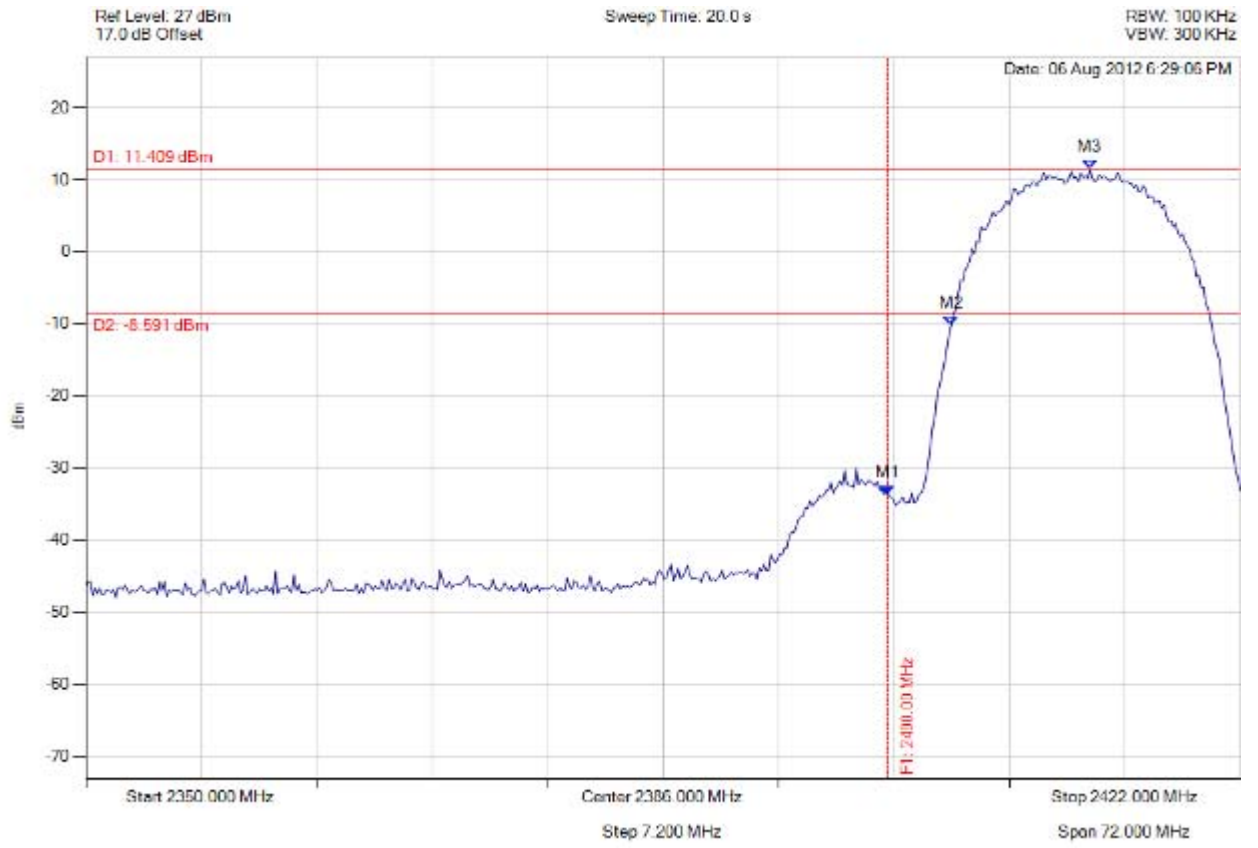
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2400.000 MHz : -33.774 dBm<br>M2 : 2403.964 MHz : -10.161 dBm<br>M3 : 2412.621 MHz : 11.409 dBm | Limit: -8.59<br>Margin: -25 |

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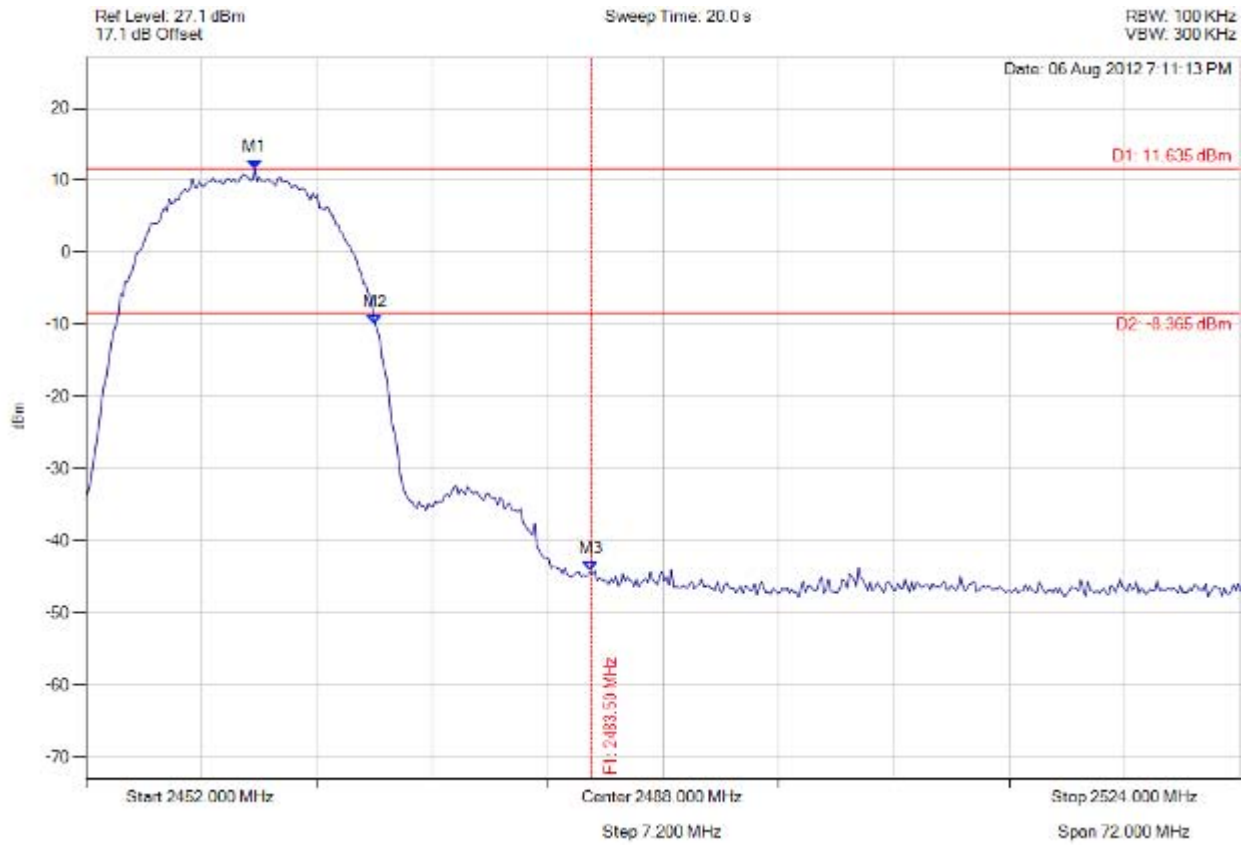
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2462.533 MHz : 11.635 dBm<br>M2 : 2470.036 MHz : -9.910 dBm<br>M3 : 2483.500 MHz : -44.205 dBm | Limit: -8.37<br>Margin: -36 |

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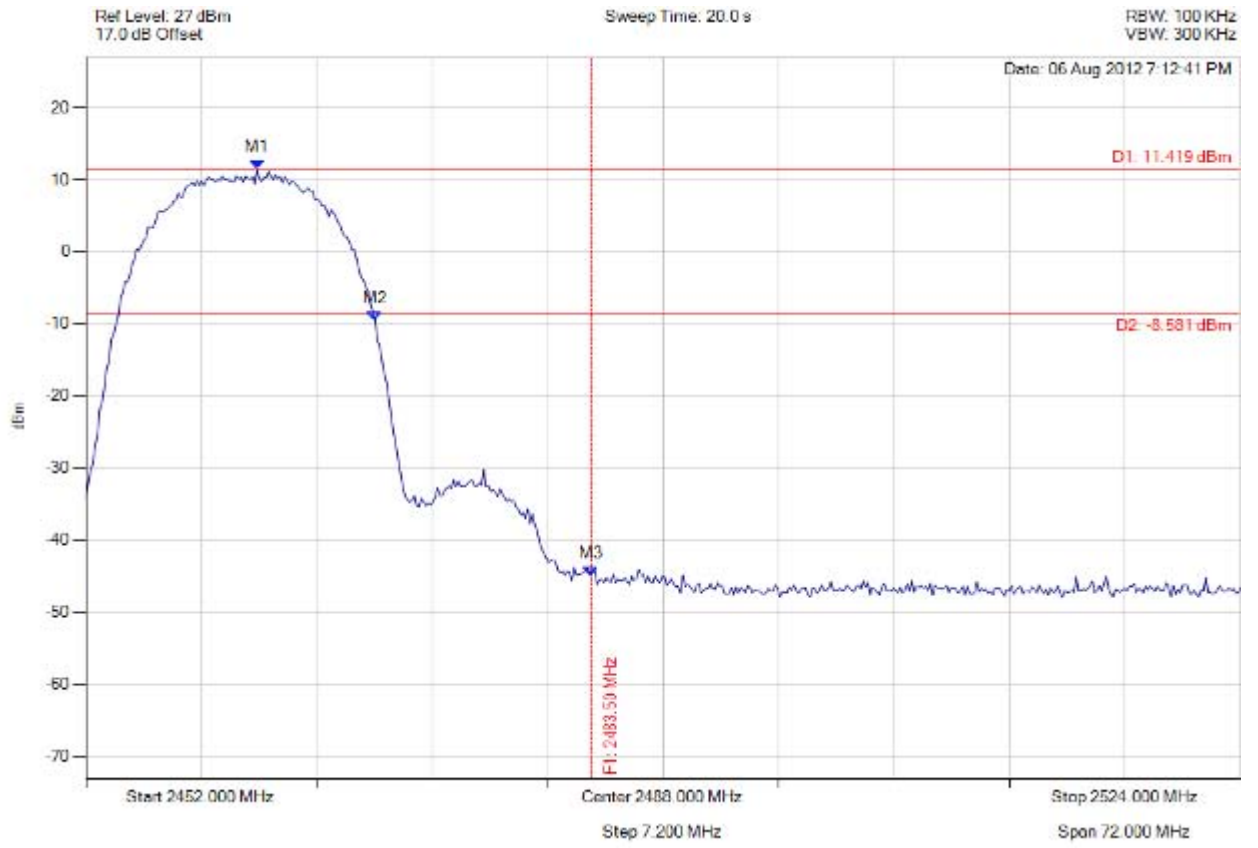
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2462.677 MHz : 11.419 dBm<br>M2 : 2470.036 MHz : -9.481 dBm<br>M3 : 2483.500 MHz : -44.842 dBm | Limit: -8.58<br>Margin: -36 |

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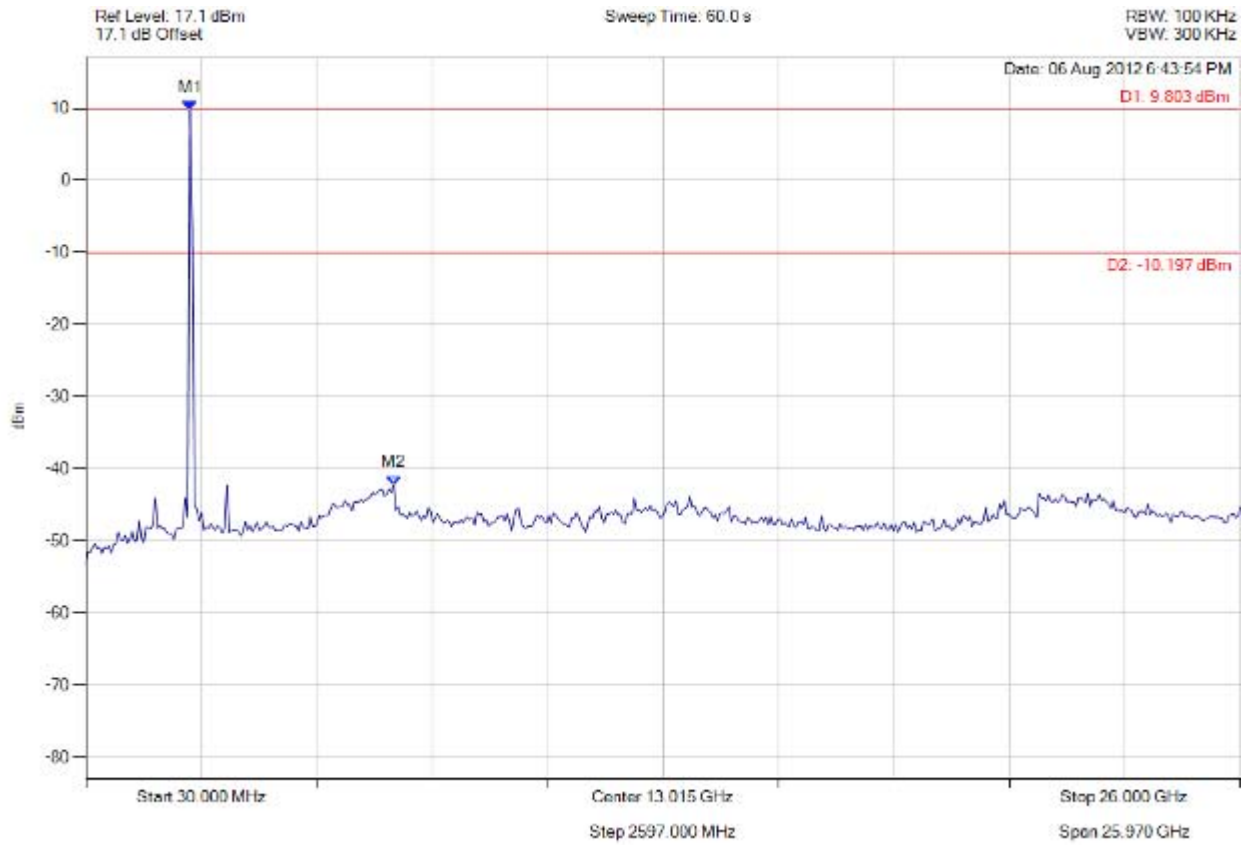
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2371.984 MHz : 9.803 dBm<br>M2 : 6951.864 MHz : -42.206 dBm | Limit: -10.20<br>Margin: -32 |

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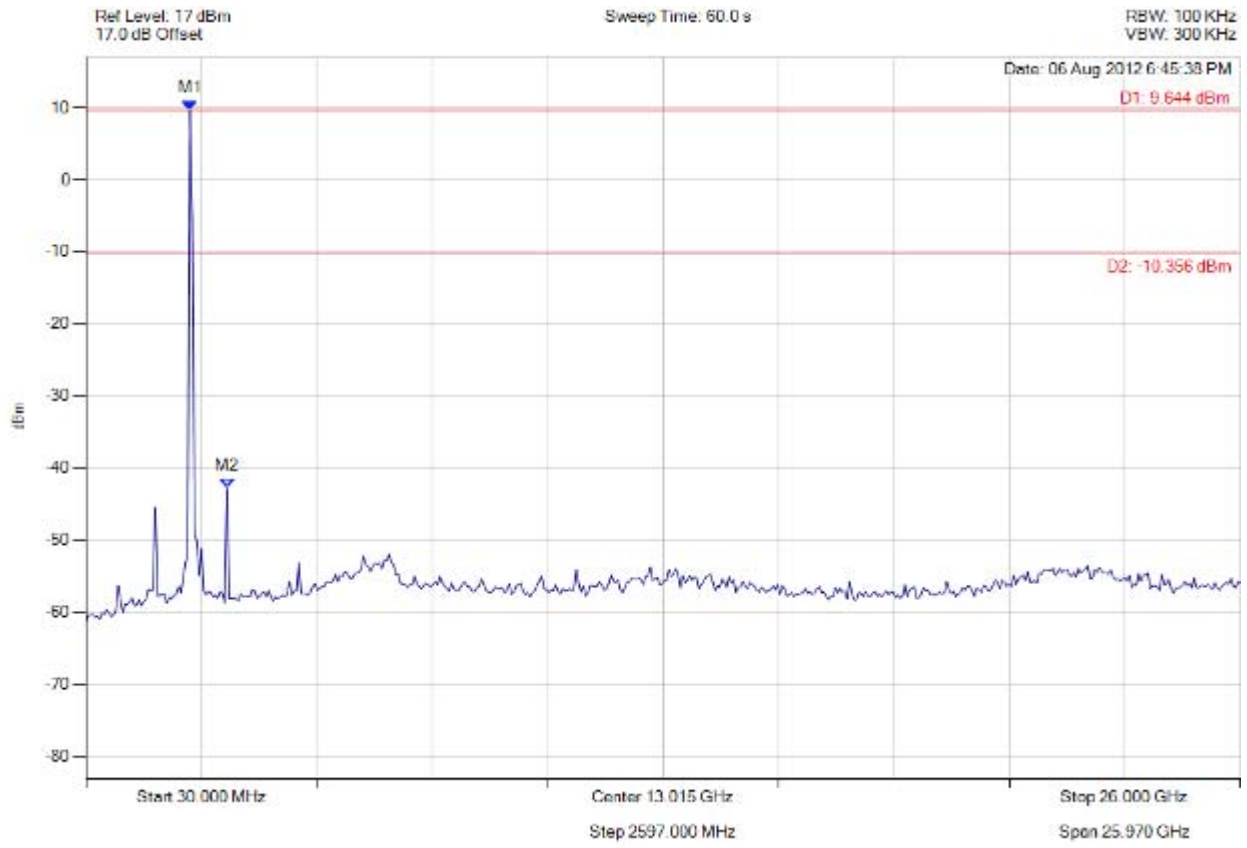
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2371.984 MHz : 9.644 dBm<br>M2 : 3204.689 MHz : -42.780 dBm | Limit: -10.36<br>Margin: -32 |

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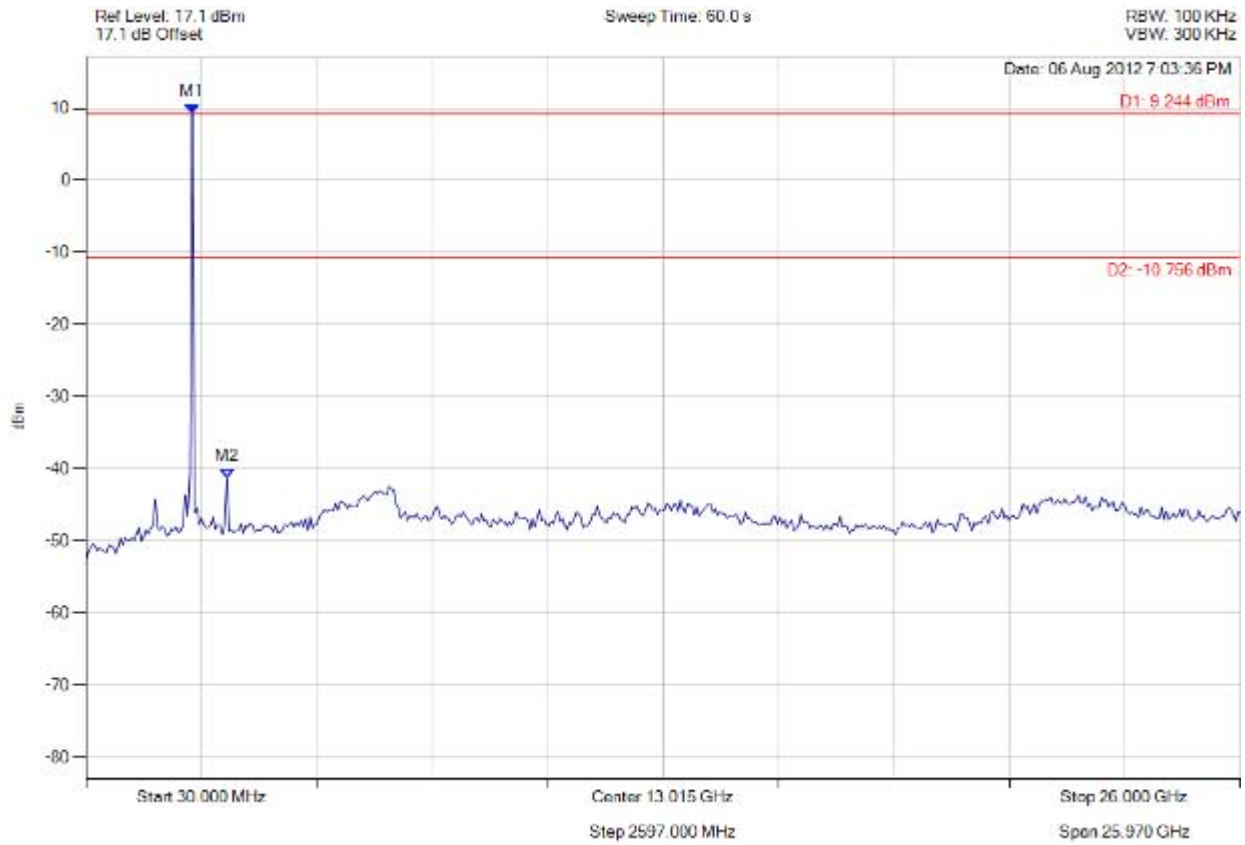
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 9.244 dBm<br>M2 : 3204.689 MHz : -41.279 dBm | Limit: -10.76<br>Margin: -31 |

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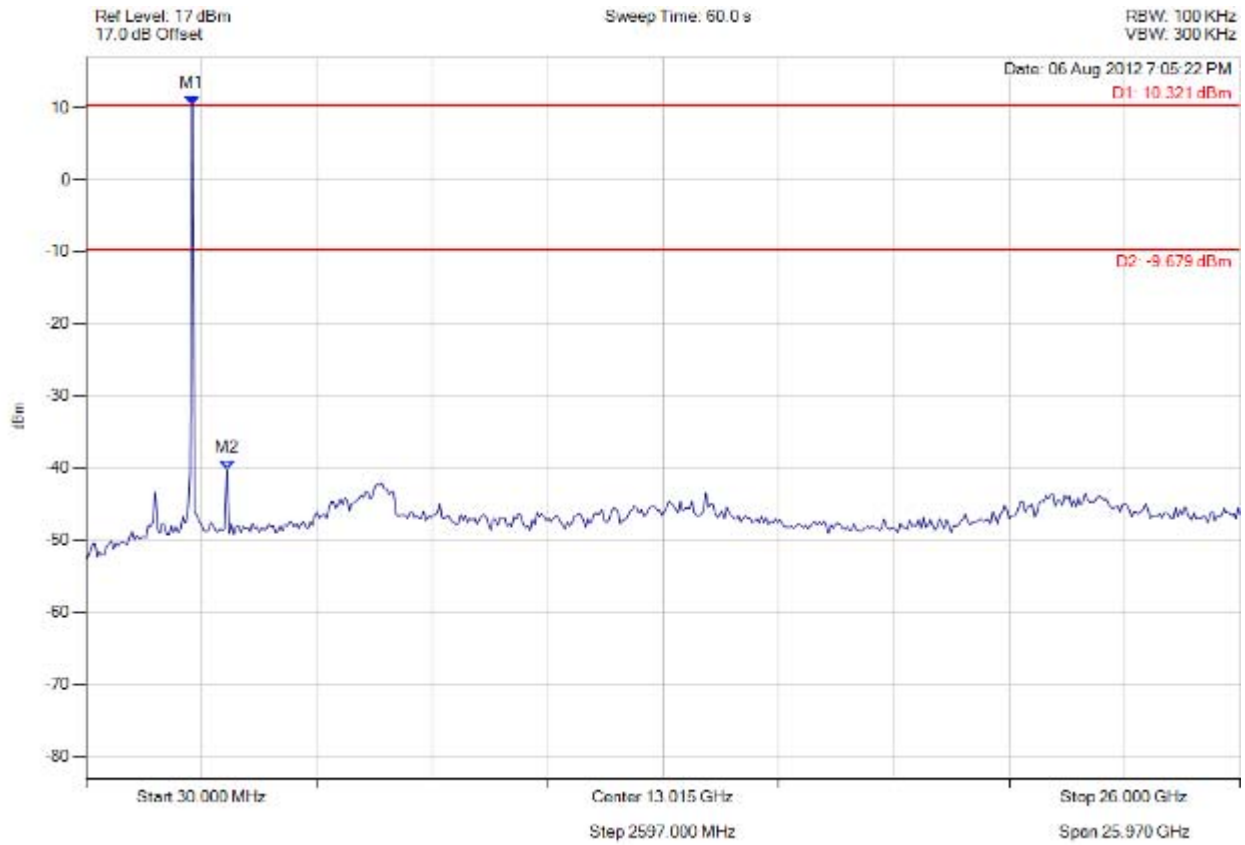
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 10.321 dBm<br>M2 : 3204.689 MHz : -40.213 dBm | Limit: -9.68<br>Margin: -31 |

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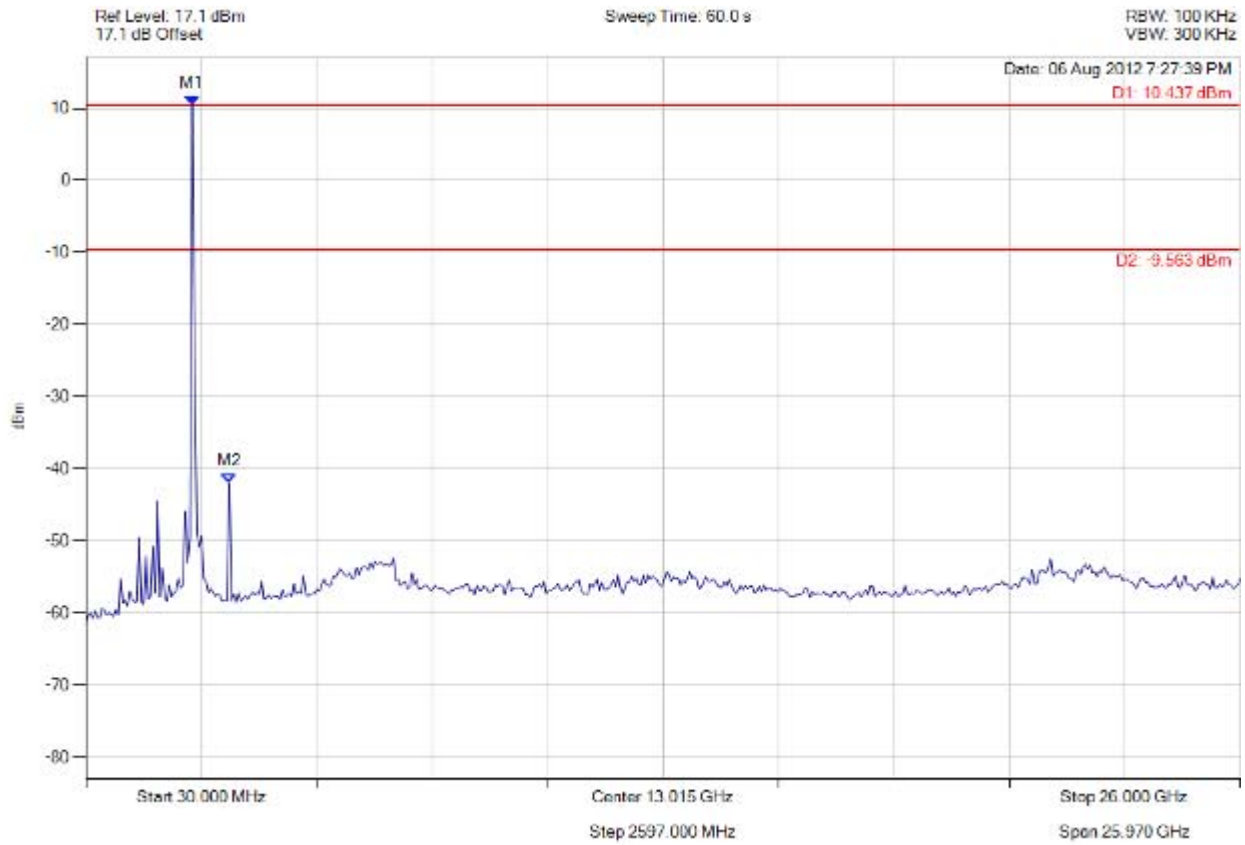
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 10.437 dBm<br>M2 : 3256.733 MHz : -42.005 dBm | Limit: -9.56<br>Margin: -32 |

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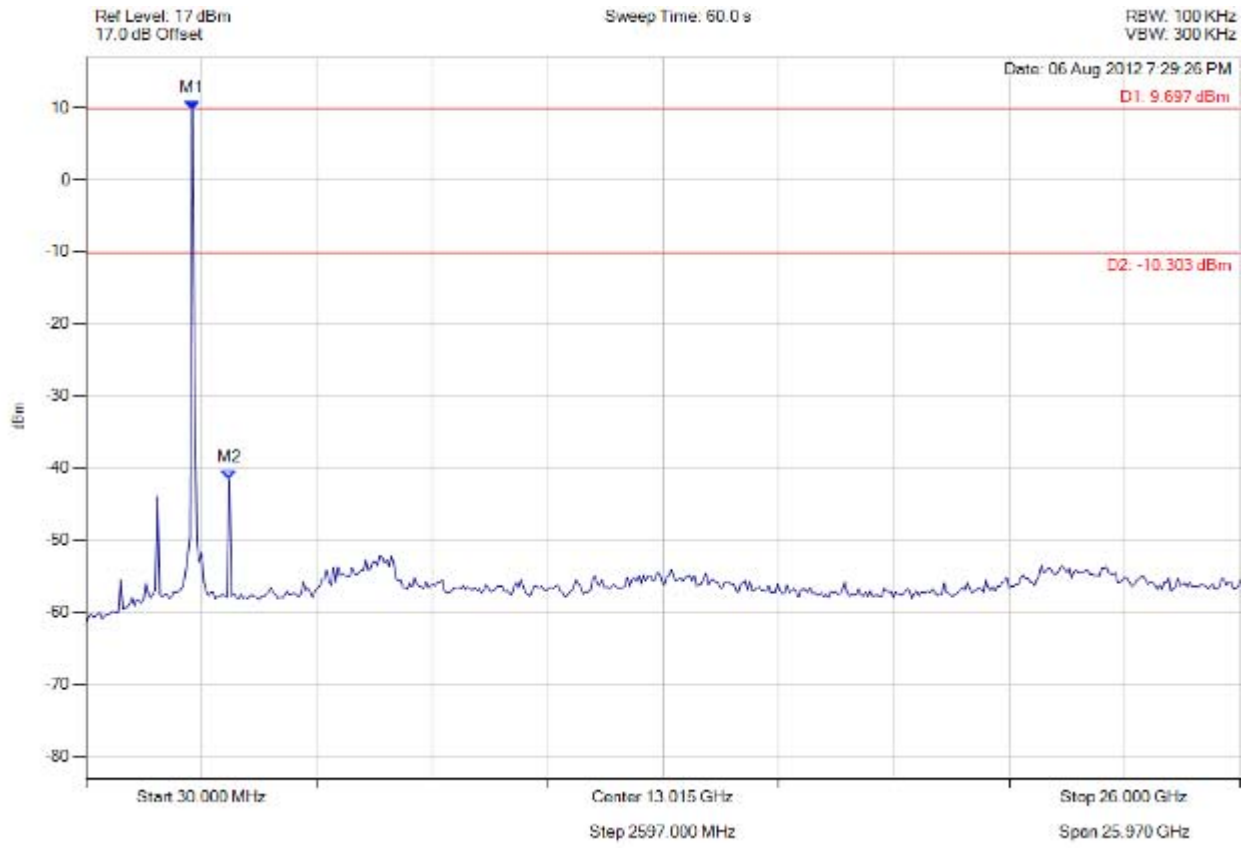
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 9.697 dBm<br>M2 : 3256.733 MHz : -41.574 dBm | Limit: -10.30<br>Margin: -31 |

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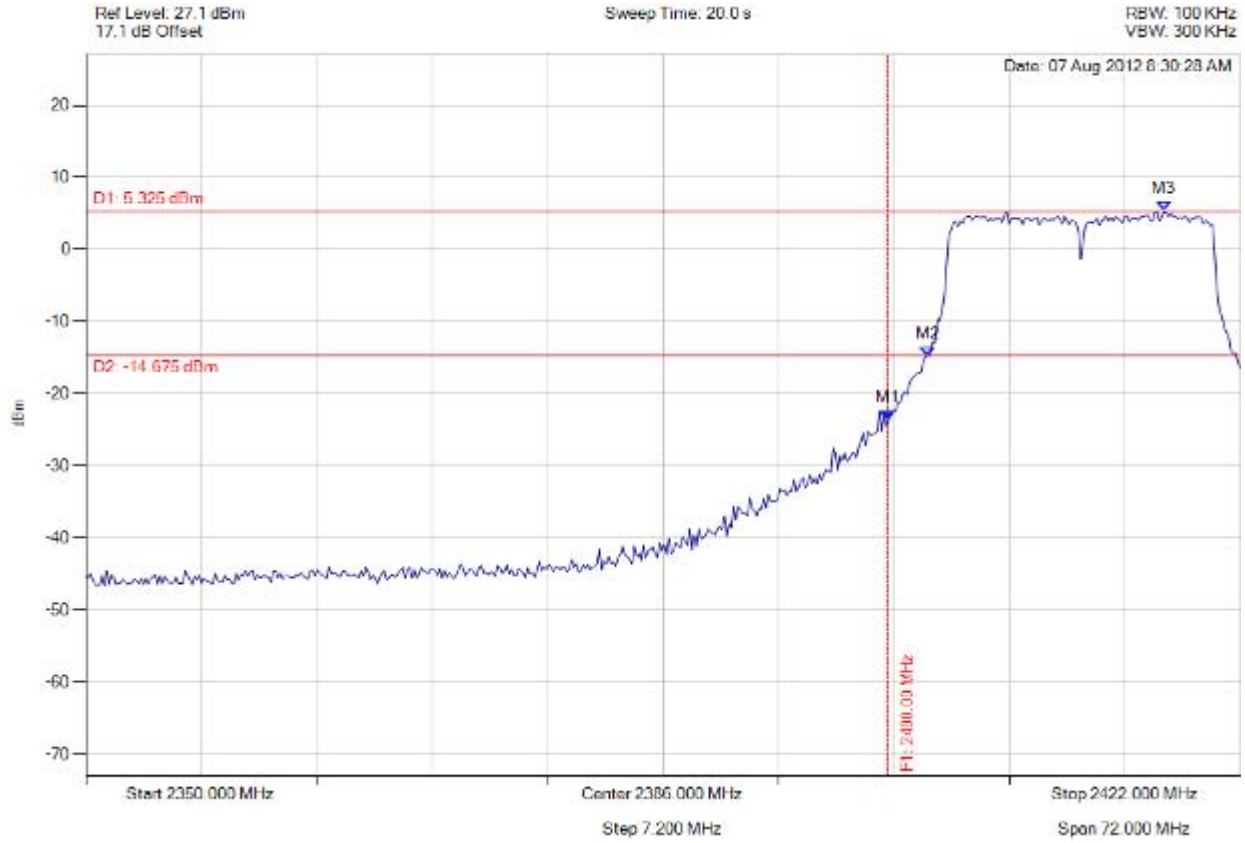
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2400.000 MHz : -23.595 dBm<br>M2 : 2402.521 MHz : -14.710 dBm<br>M3 : 2417.238 MHz : 5.325 dBm | Limit: -14.68<br>Margin: -9 |

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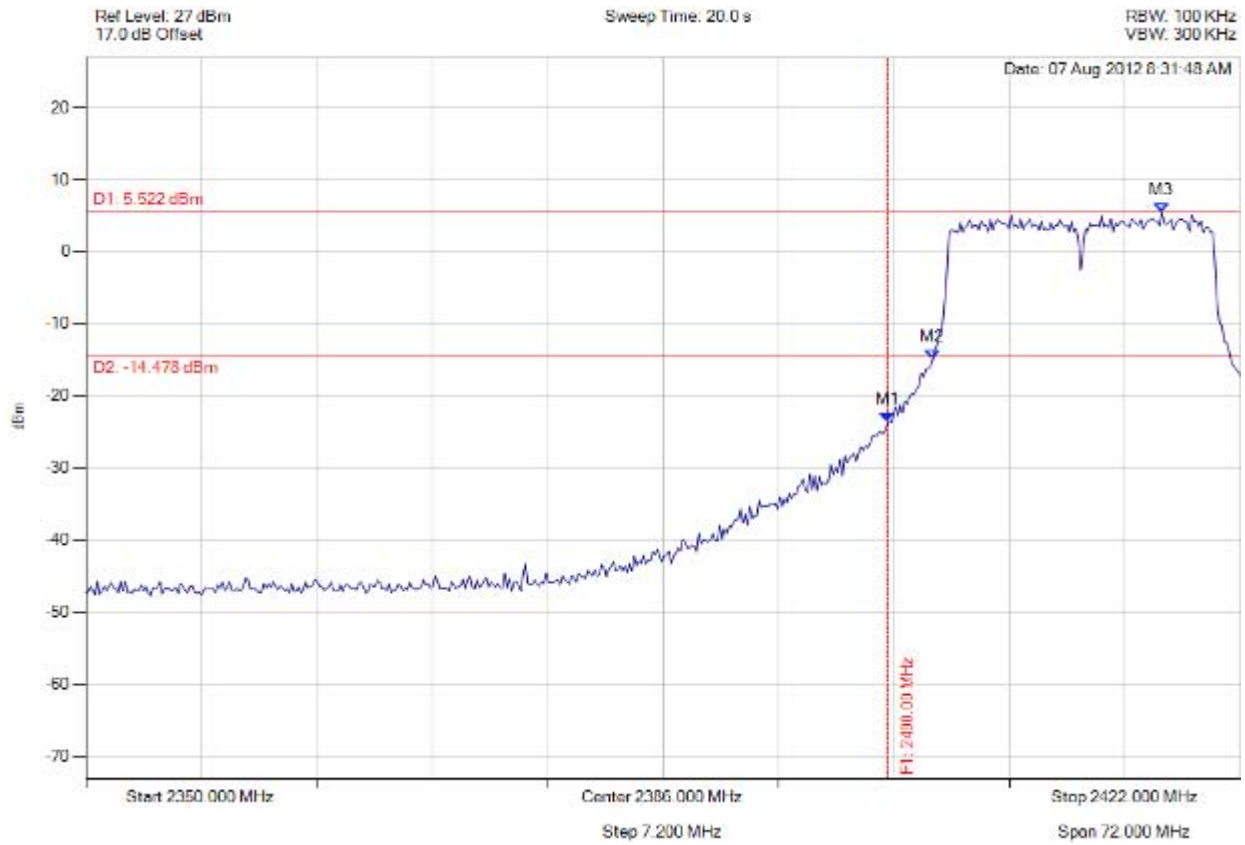
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2400.000 MHz : -23.616 dBm<br>M2 : 2402.810 MHz : -14.952 dBm<br>M3 : 2417.094 MHz : 5.522 dBm | Limit: -14.48<br>Margin: -9 |

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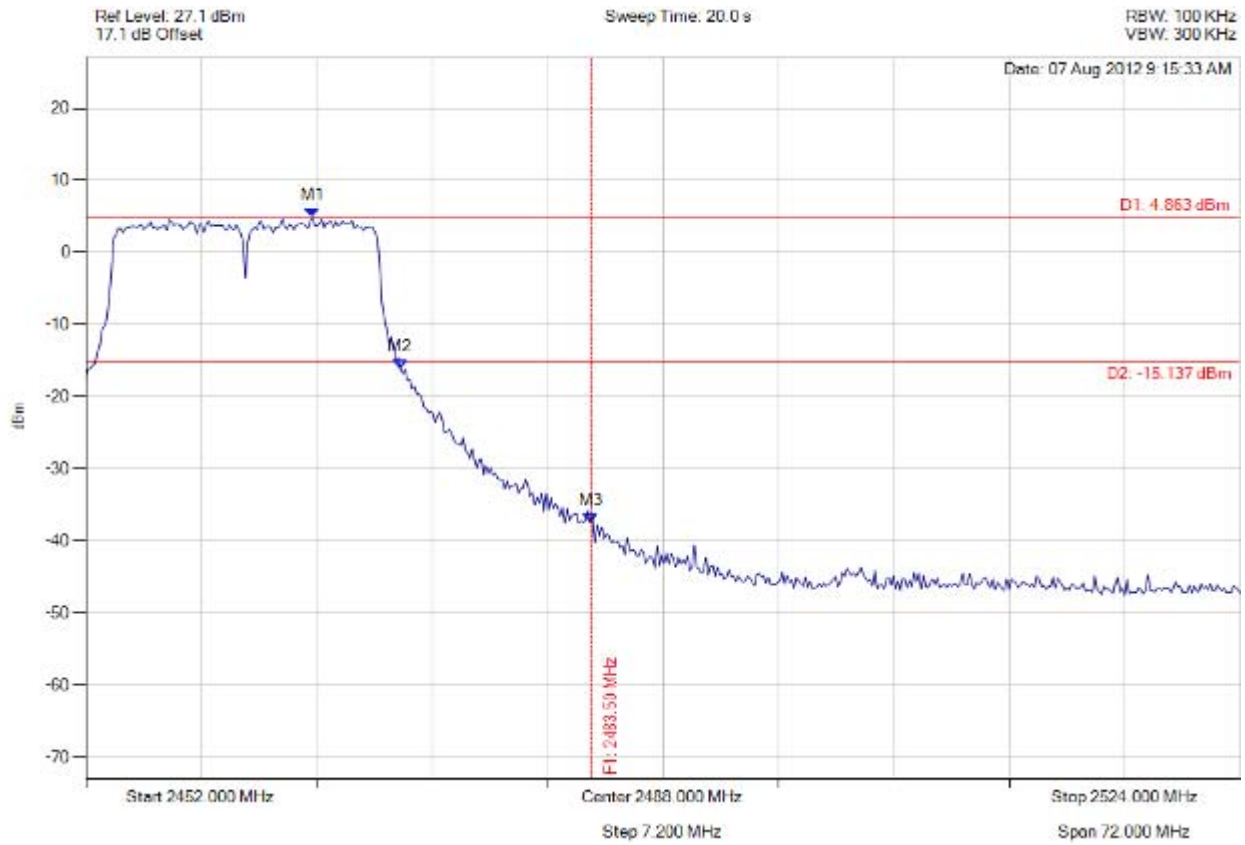
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2466.140 MHz : 4.863 dBm<br>M2 : 2471.623 MHz : -16.154 dBm<br>M3 : 2483.500 MHz : -37.419 dBm | Limit: -15.14<br>Margin: -22 |

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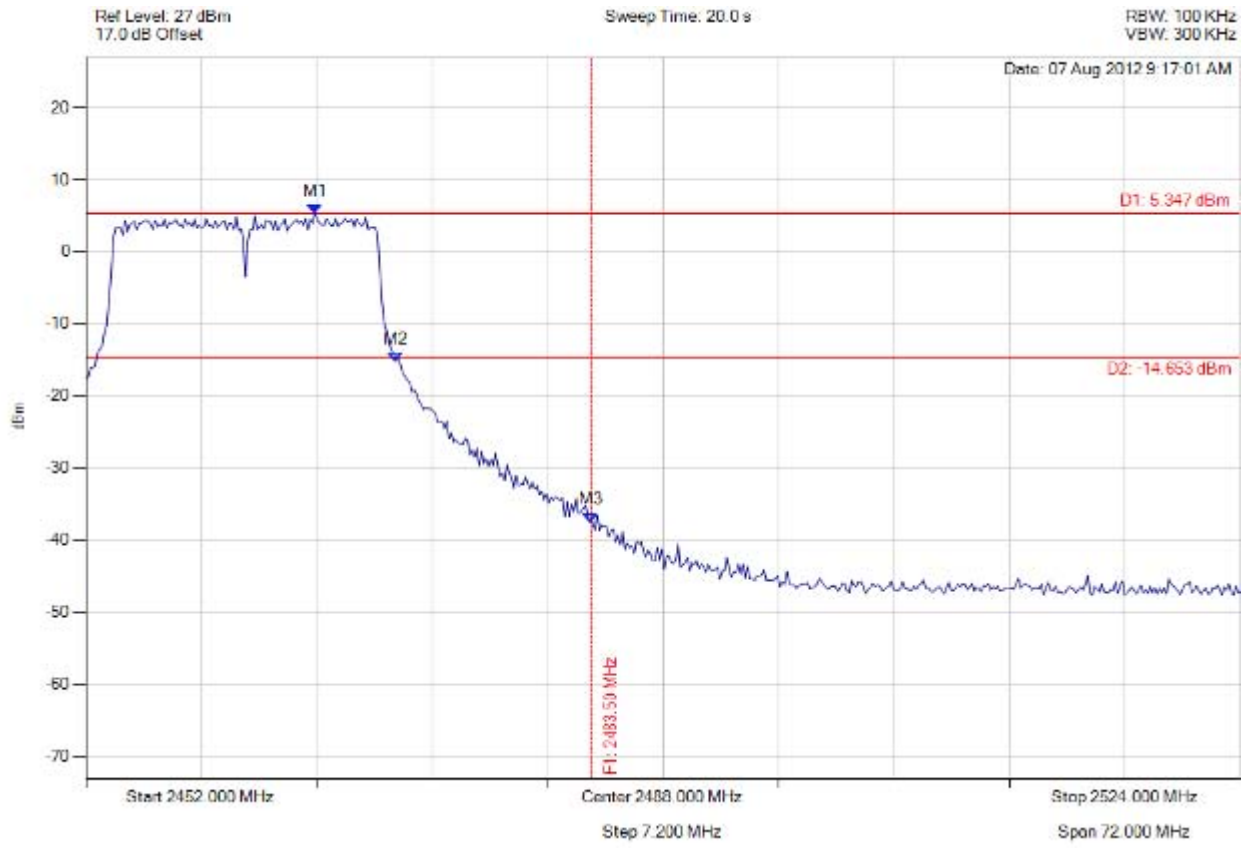
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2466.285 MHz : 5.347 dBm<br>M2 : 2471.335 MHz : -15.141 dBm<br>M3 : 2483.500 MHz : -37.486 dBm | Limit: -14.65<br>Margin: -23 |

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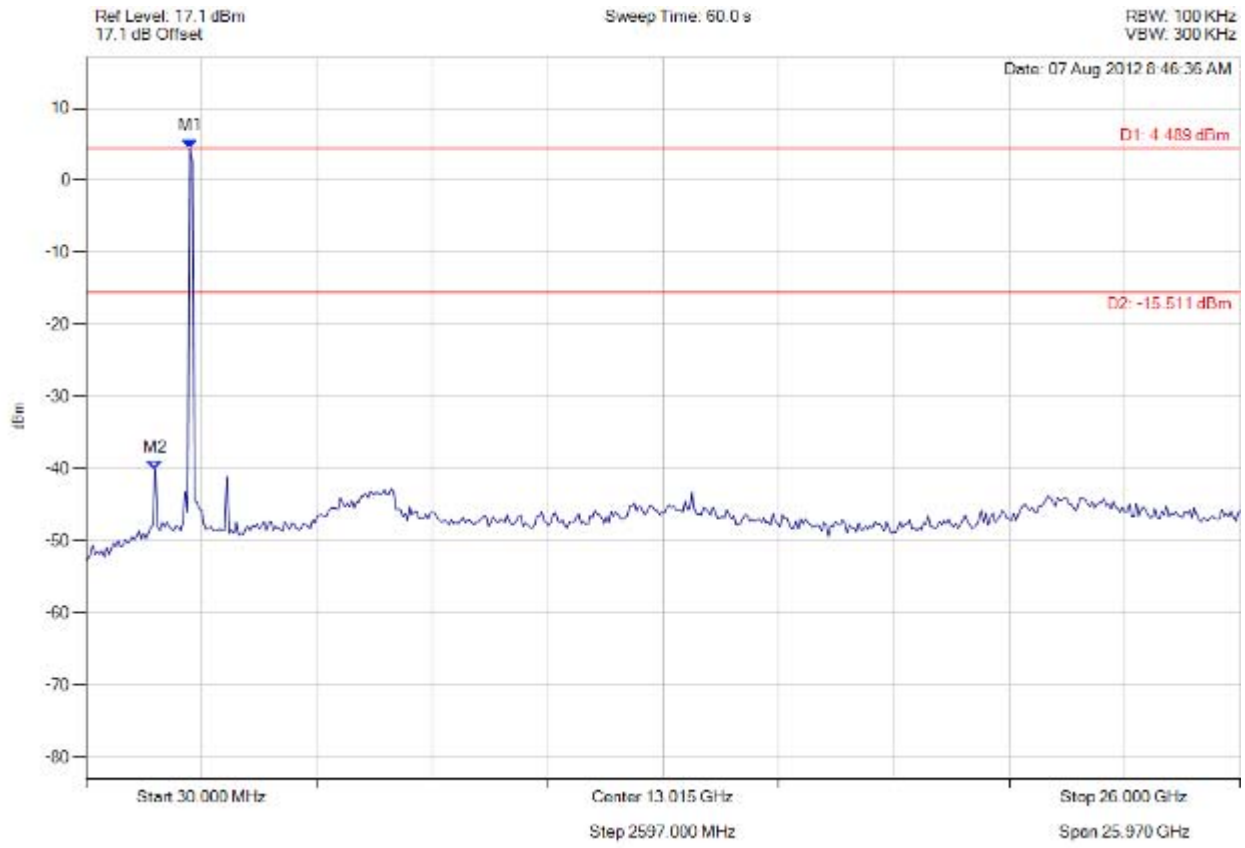
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2371.984 MHz : 4.489 dBm<br>M2 : 1591.323 MHz : -40.121 dBm | Limit: -15.51<br>Margin: -25 |

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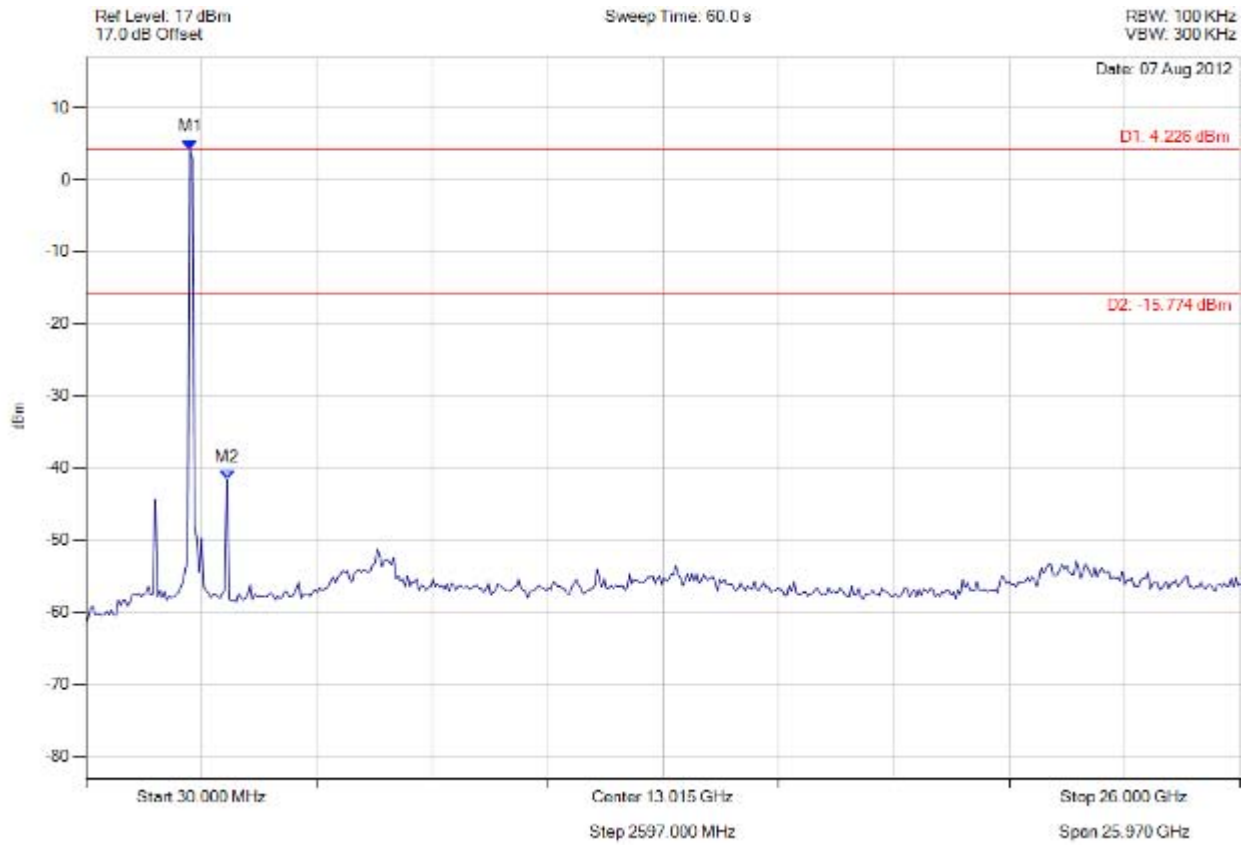
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2371.984 MHz : 4.226 dBm<br>M2 : 3204.689 MHz : -41.552 dBm | Limit: -15.77<br>Margin: -26 |

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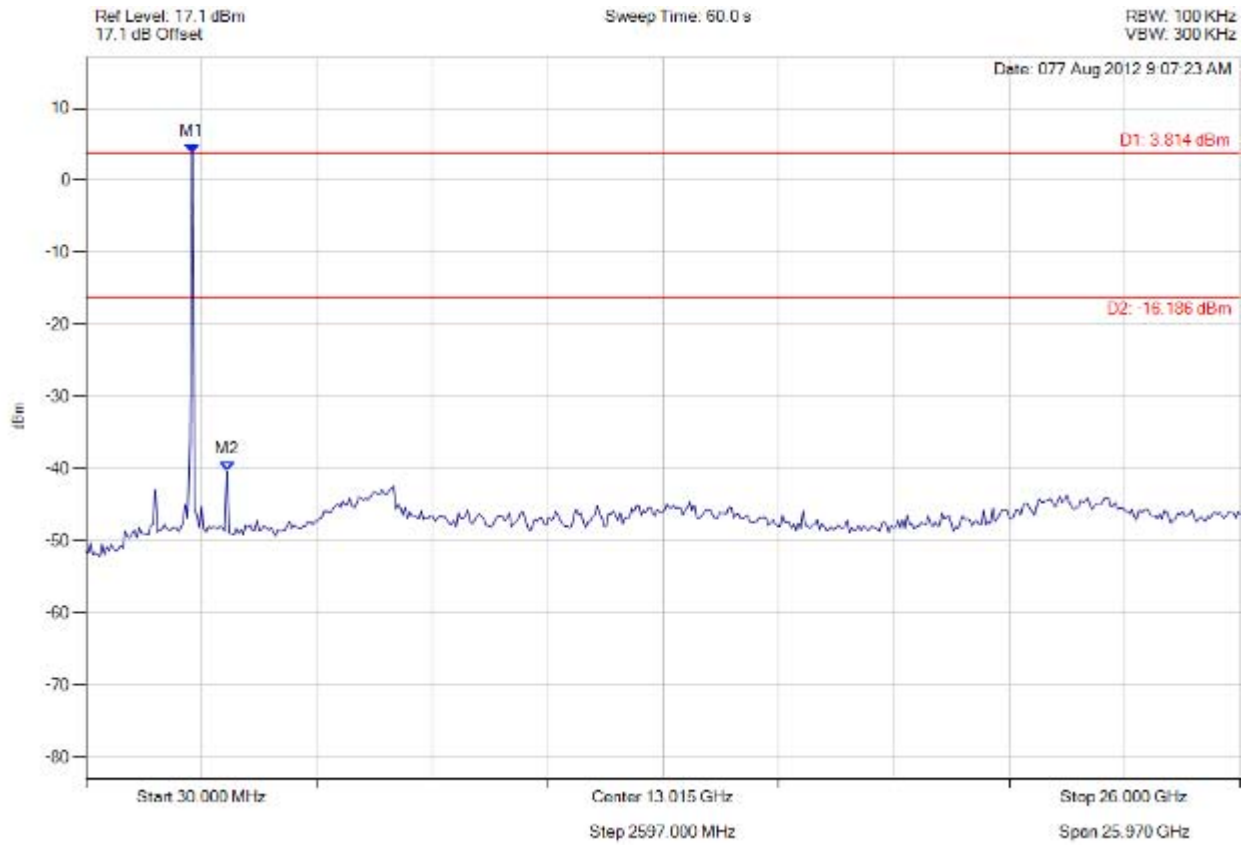
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 3.814 dBm<br>M2 : 3204.689 MHz : -40.321 dBm | Limit: -16.19<br>Margin: -24 |

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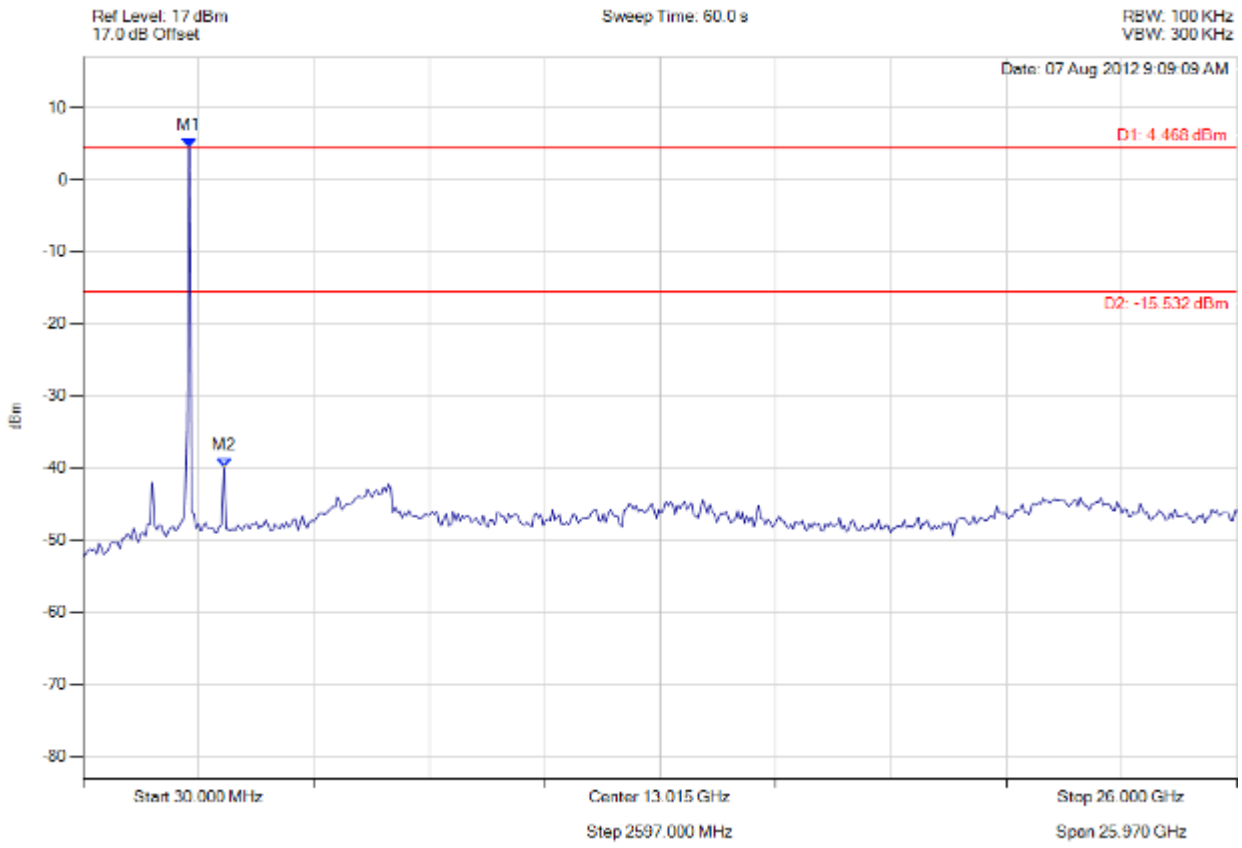
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 4.468 dBm<br>M2 : 3204.689 MHz : -39.927 dBm | Limit: -15.53<br>Margin: -24 |

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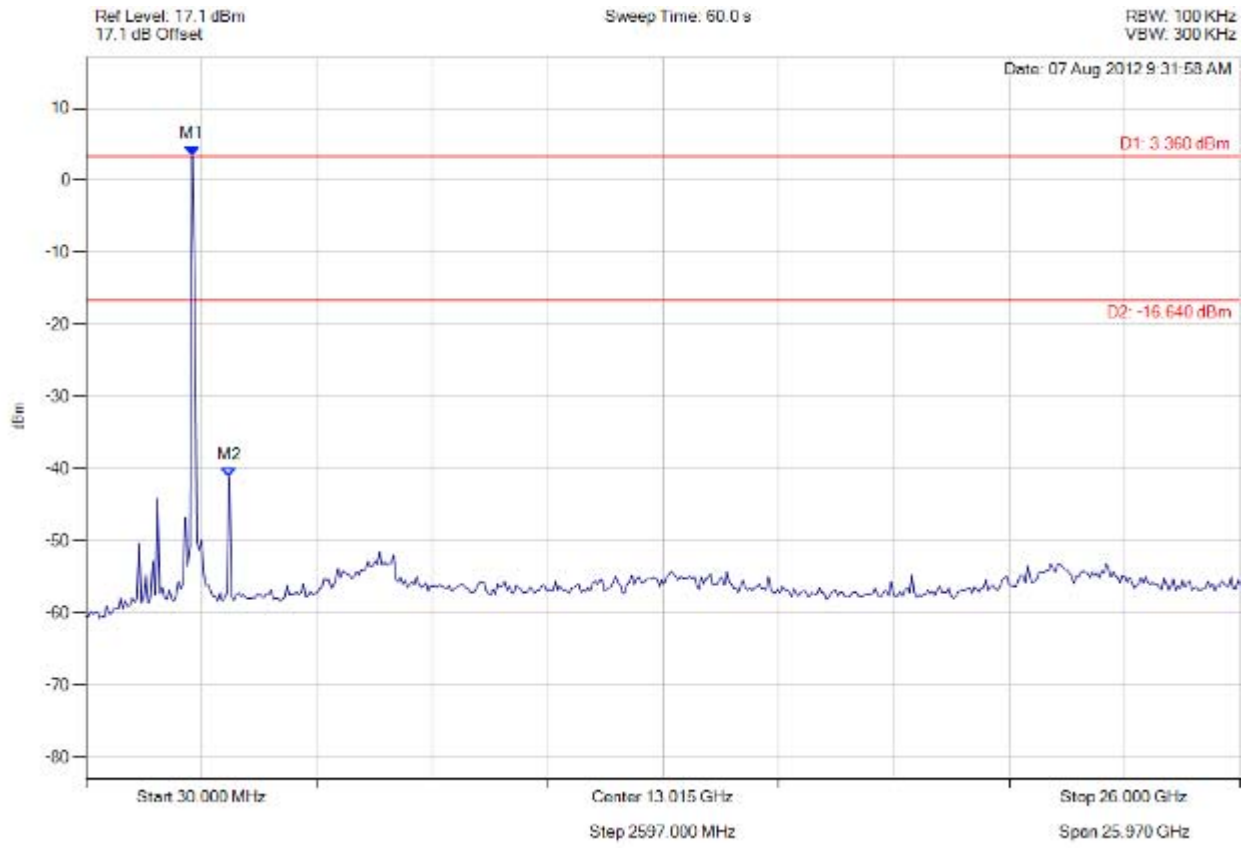
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 3.360 dBm<br>M2 : 3256.733 MHz : -41.128 dBm | Limit: -16.64<br>Margin: -24 |

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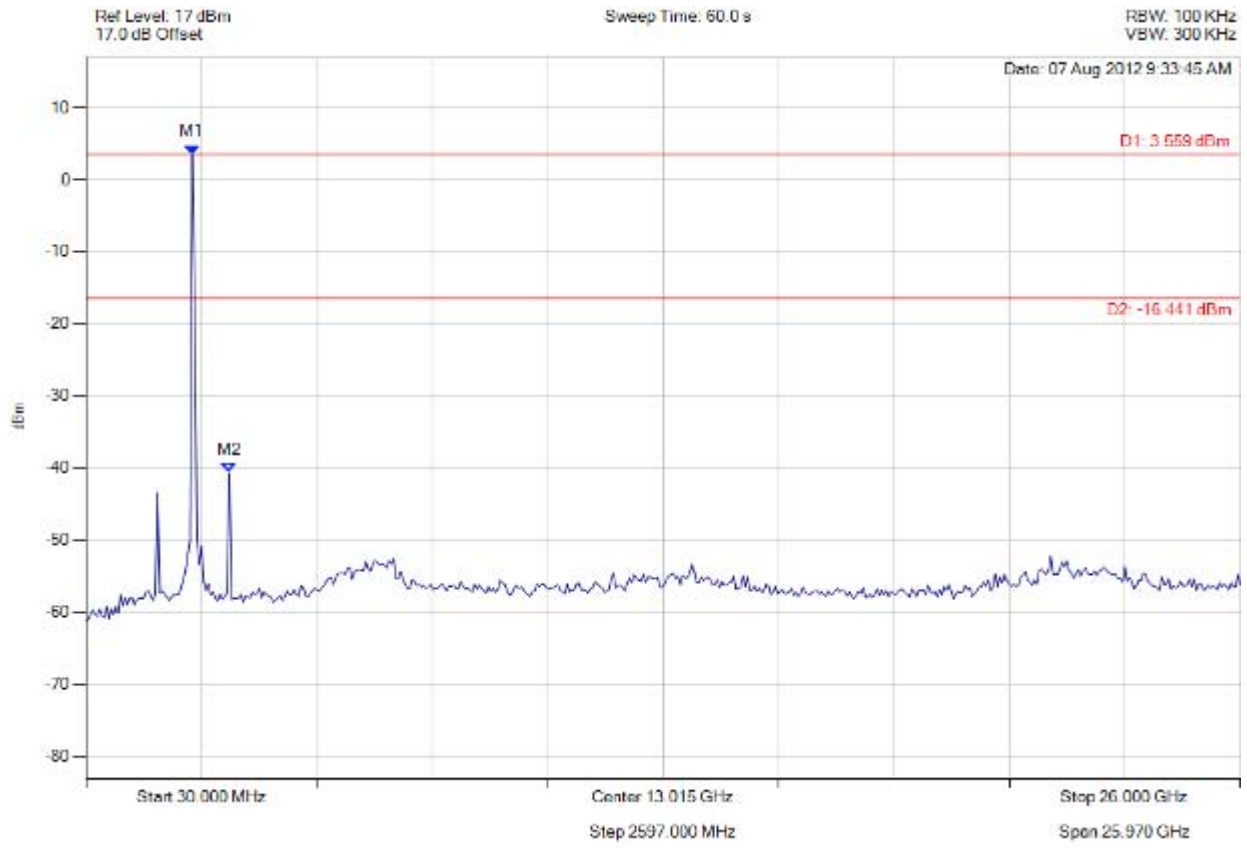
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 3.559 dBm<br>M2 : 3256.733 MHz : -40.632 dBm | Limit: -16.44<br>Margin: -24 |

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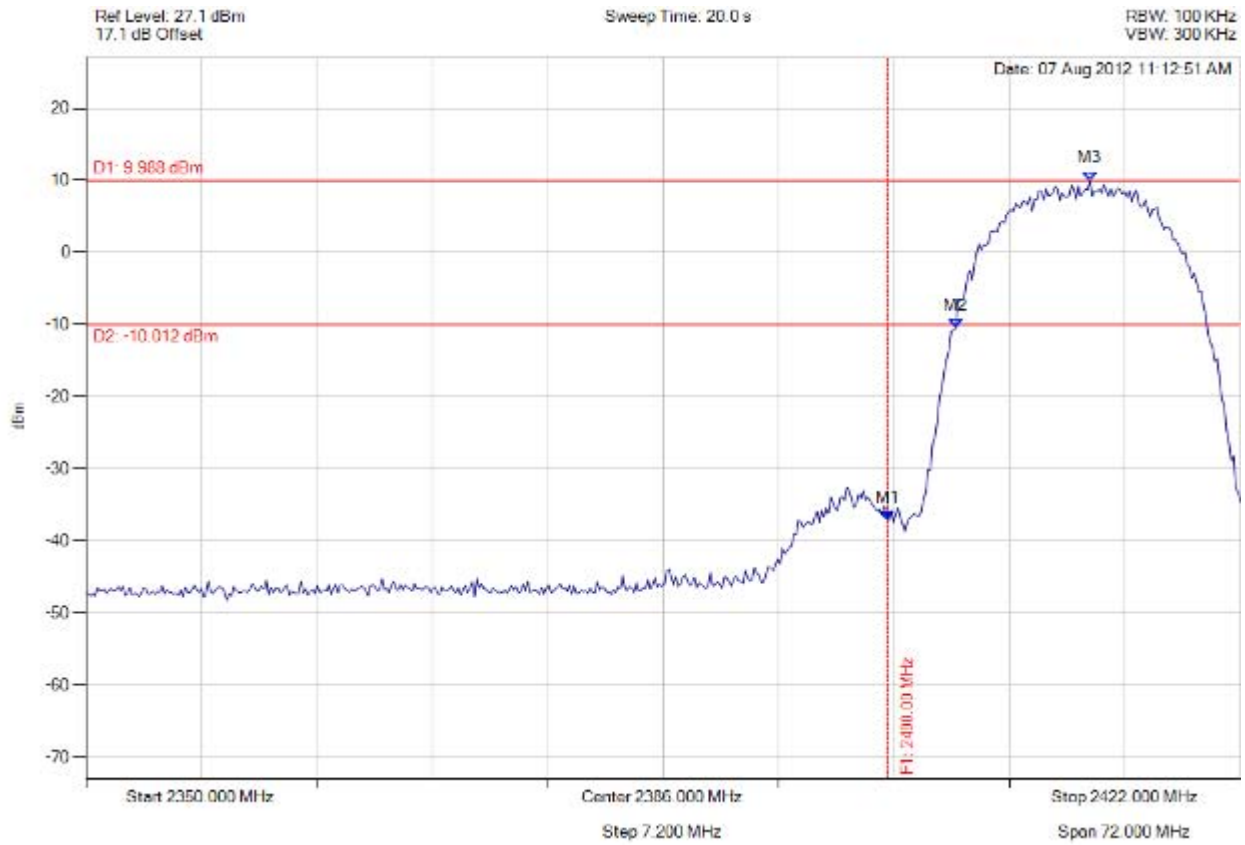
3x3 802.11b

**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2400.000 MHz : -37.063 dBm<br>M2 : 2404.253 MHz : -10.467 dBm<br>M3 : 2412.621 MHz : 9.988 dBm | Limit: -10.01 dBm<br>Margin: -27.05 dB |

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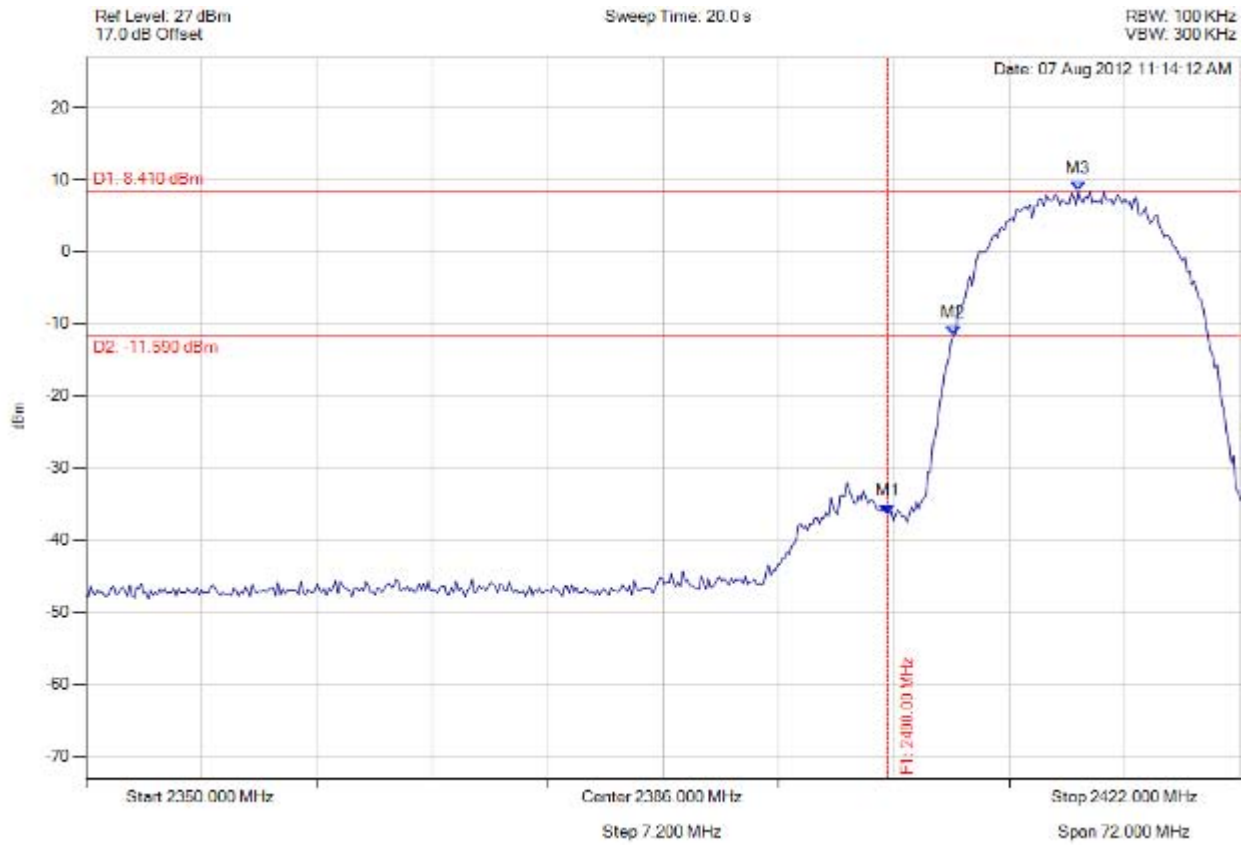
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2400.000 MHz : -36.308 dBm<br>M2 : 2404.108 MHz : -11.605 dBm<br>M3 : 2411.900 MHz : 8.410 dBm | Limit: -11.59 dBm<br>Margin: -24.72 dB |

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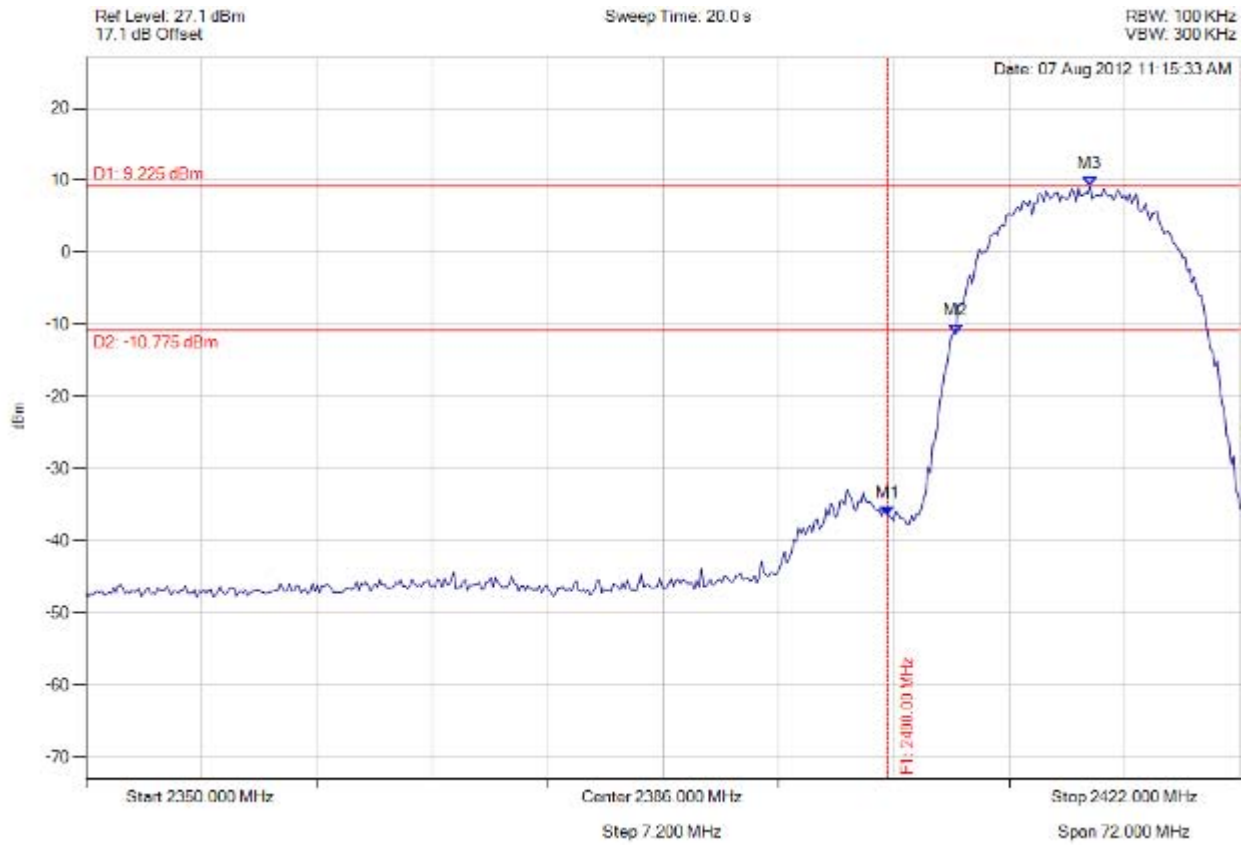
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2400.000 MHz : -36.501 dBm<br>M2 : 2404.253 MHz : -11.187 dBm<br>M3 : 2412.621 MHz : 9.225 dBm | Limit: -10.78 dBm<br>Margin: -25.72 dB |

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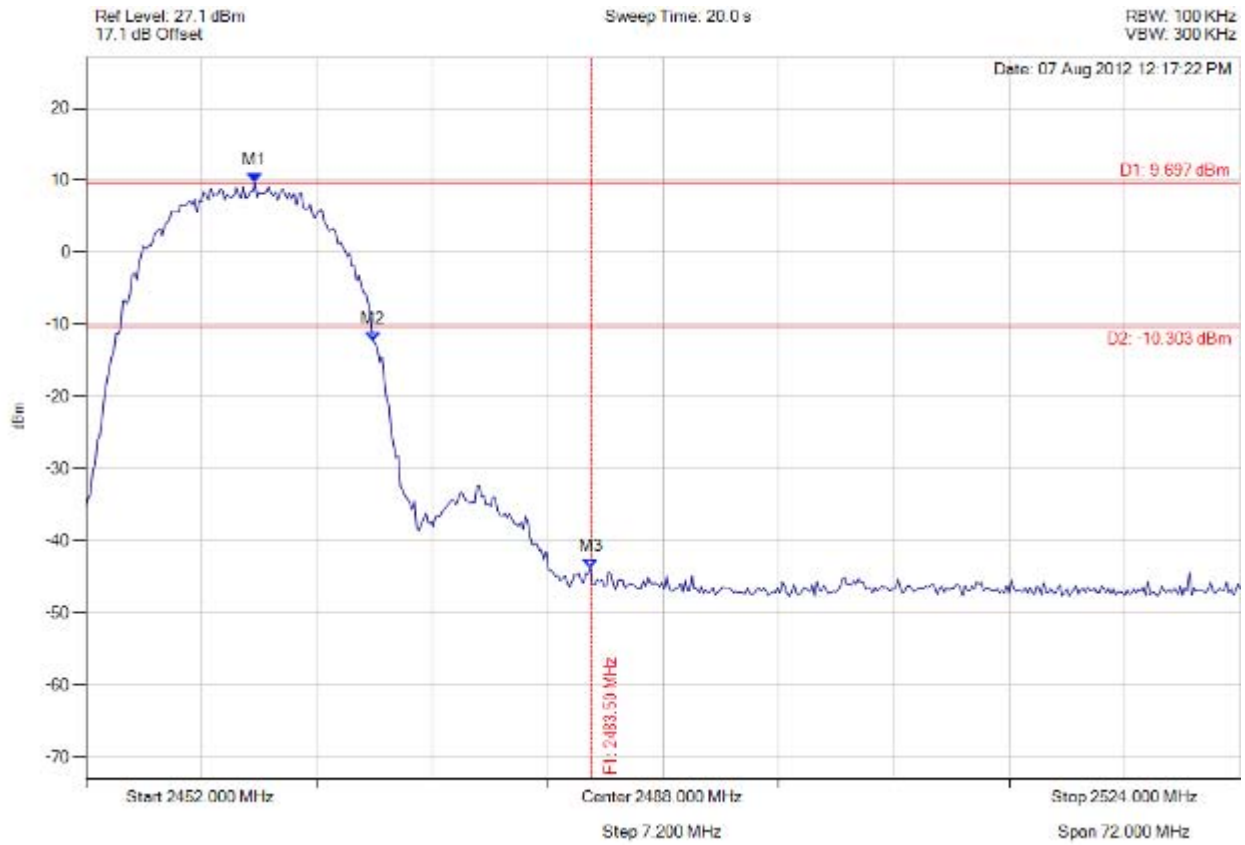
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2462.533 MHz : 9.697 dBm<br>M2 : 2469.892 MHz : -12.269 dBm<br>M3 : 2483.500 MHz : -43.768 dBm | Limit: -10.30 dBm<br>Margin: -33.47 dB |

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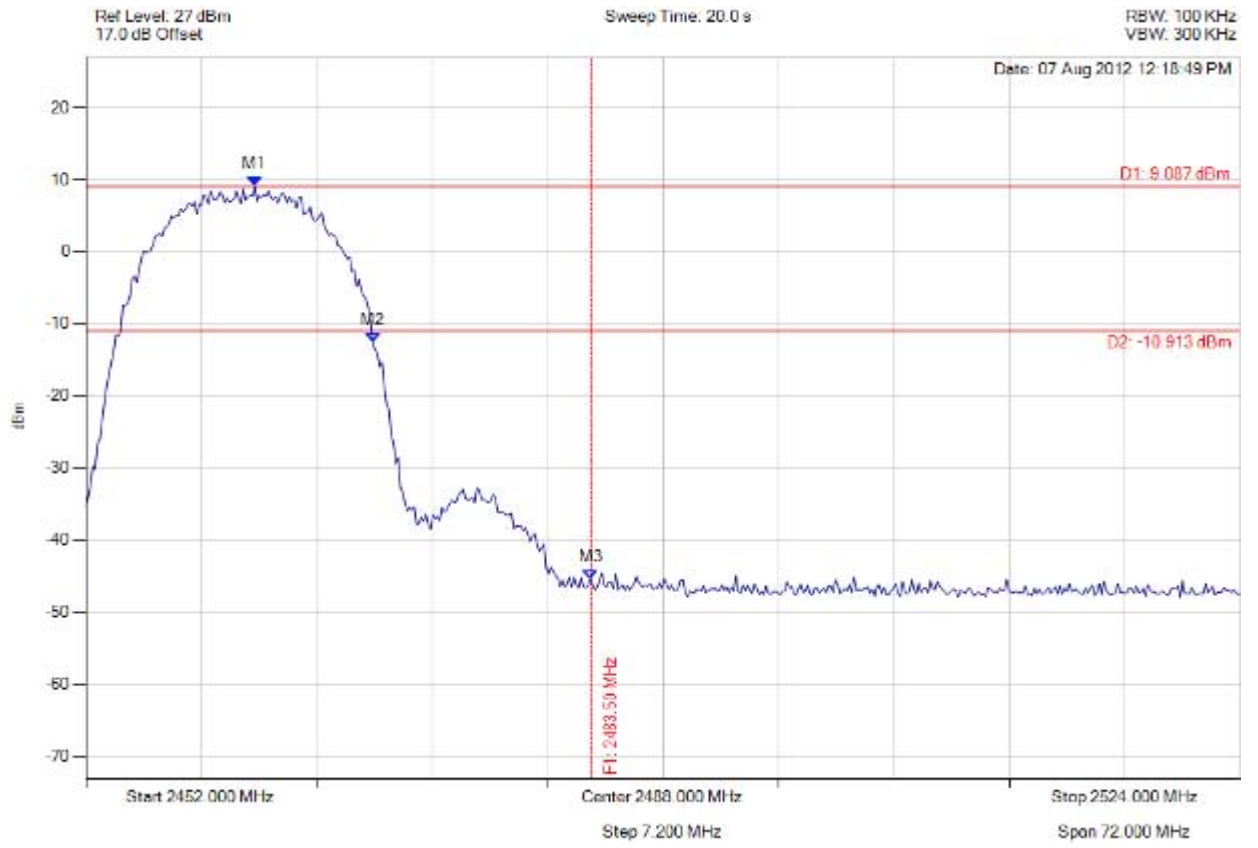
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2462.533 MHz : 9.087 dBm<br>M2 : 2469.892 MHz : -12.605 dBm<br>M3 : 2483.500 MHz : -45.332 dBm | Limit: -10.91 dBm<br>Margin: -34.42 dB |

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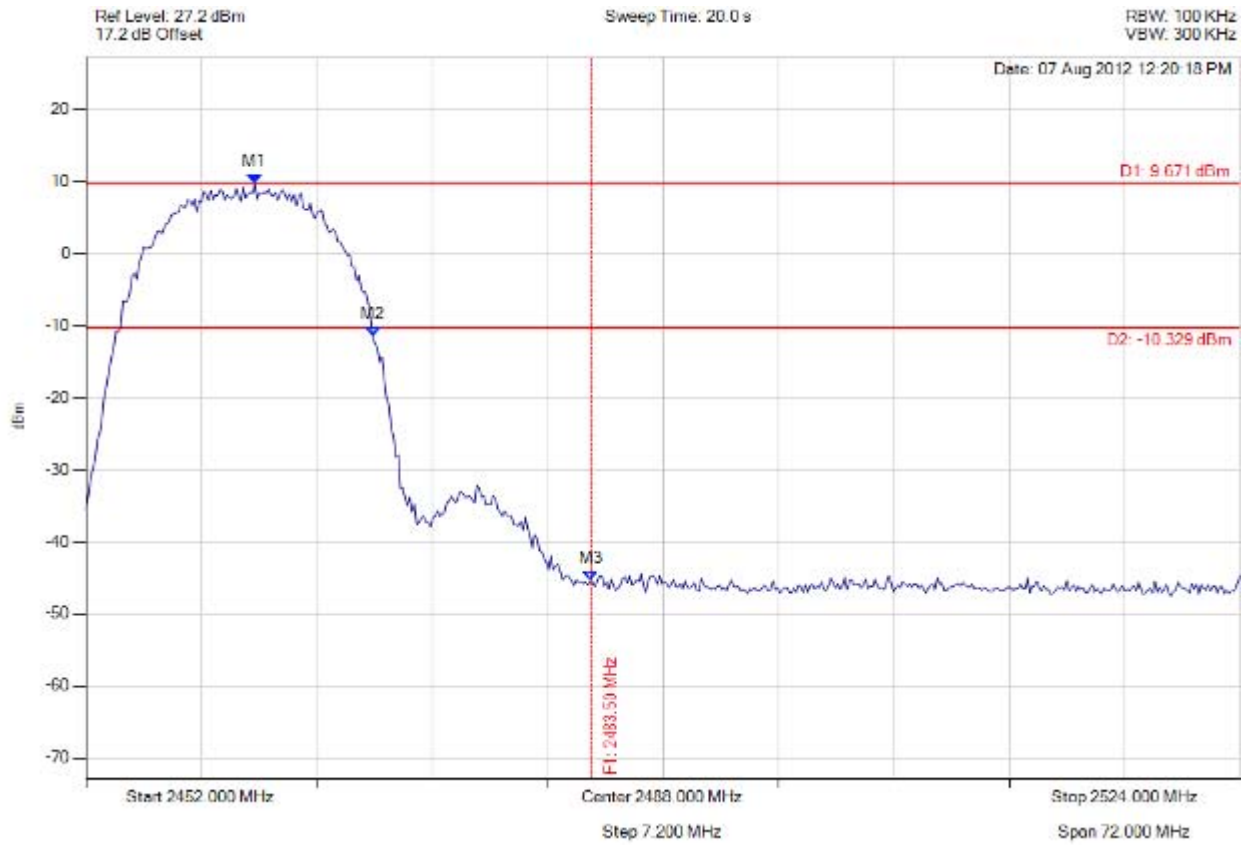
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2462.533 MHz : 9.671 dBm<br>M2 : 2469.892 MHz : -11.525 dBm<br>M3 : 2483.500 MHz : -45.431 dBm | Limit: -10.33 dBm<br>Margin: -35.10 dB |

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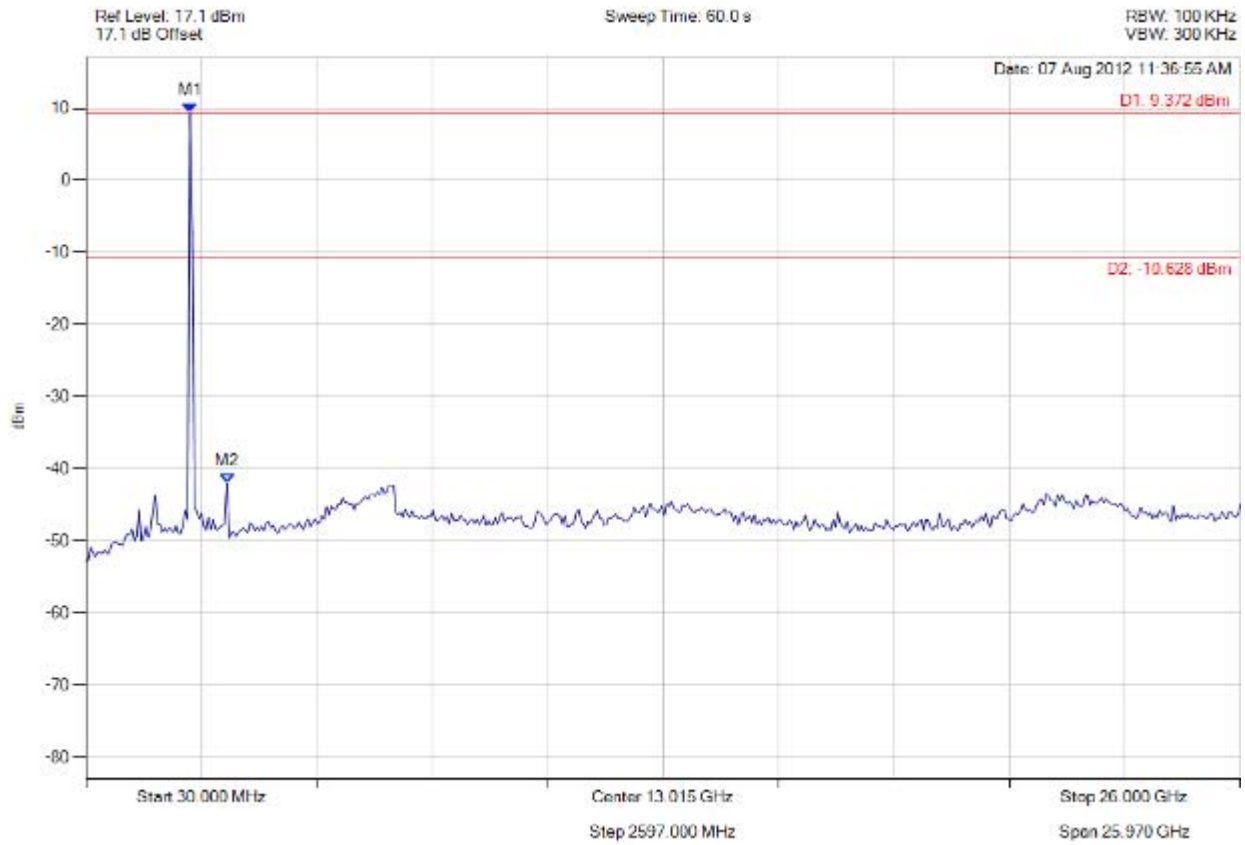
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2371.984 MHz : 9.372 dBm<br>M2 : 3204.689 MHz : -41.986 dBm | Limit: -10.63 dBm<br>Margin: -31.36 dB |

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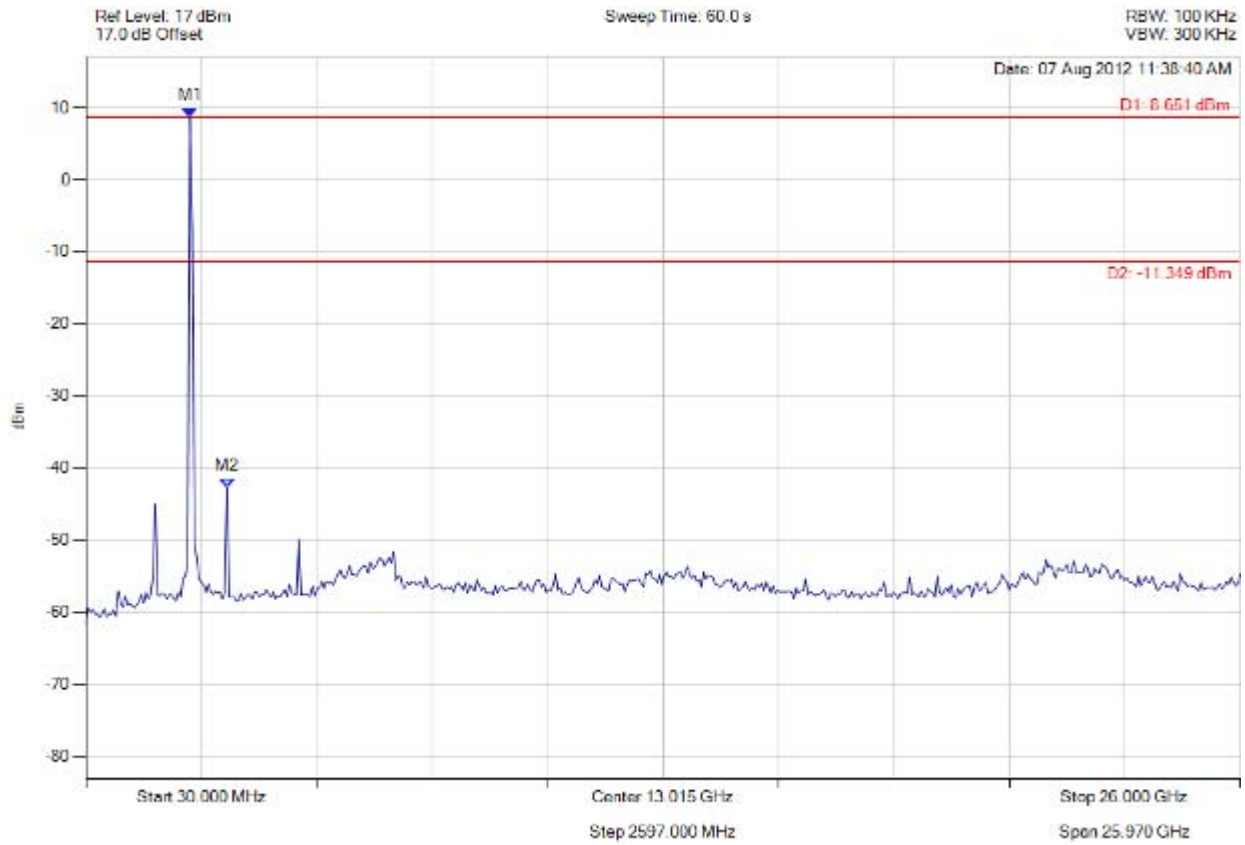
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2371.984 MHz : 8.651 dBm<br>M2 : 3204.689 MHz : -42.680 dBm | Limit: -11.35 dBm<br>Margin: -31.33 dB |

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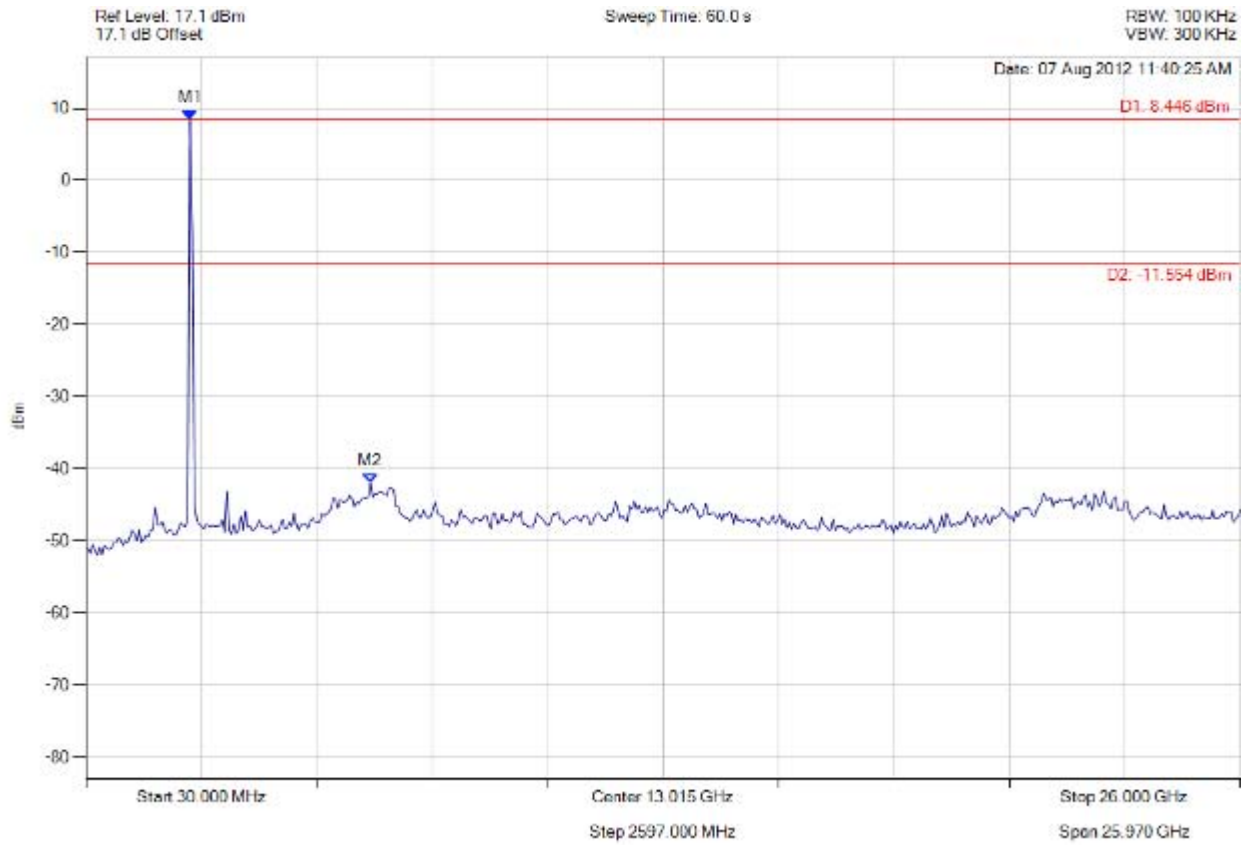
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2371.984 MHz : 8.446 dBm<br>M2 : 6431.423 MHz : -42.017 dBm | Limit: -11.55 dBm<br>Margin: -30.47 dB |

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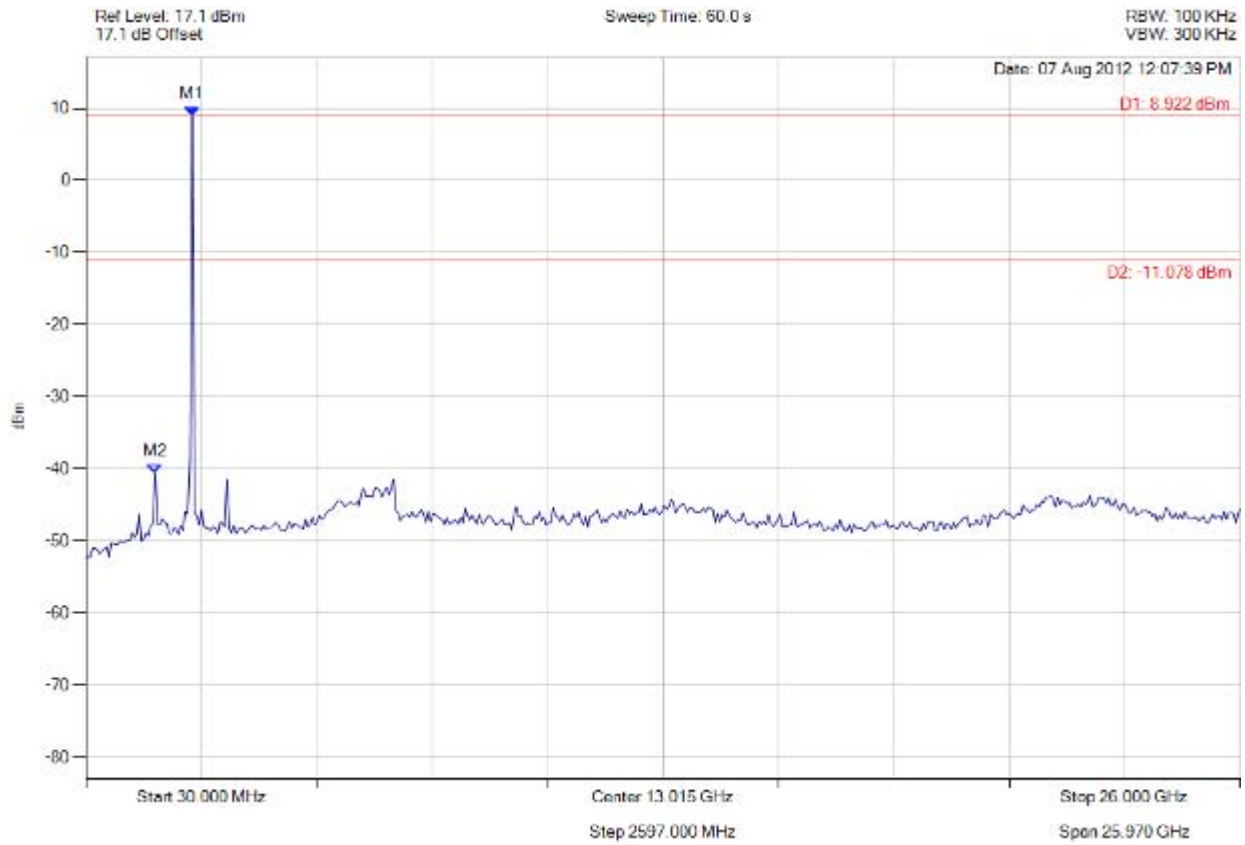
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 8.922 dBm<br>M2 : 1591.323 MHz : -40.656 dBm | Limit: -11.08 dBm<br>Margin: -29.58 dB |

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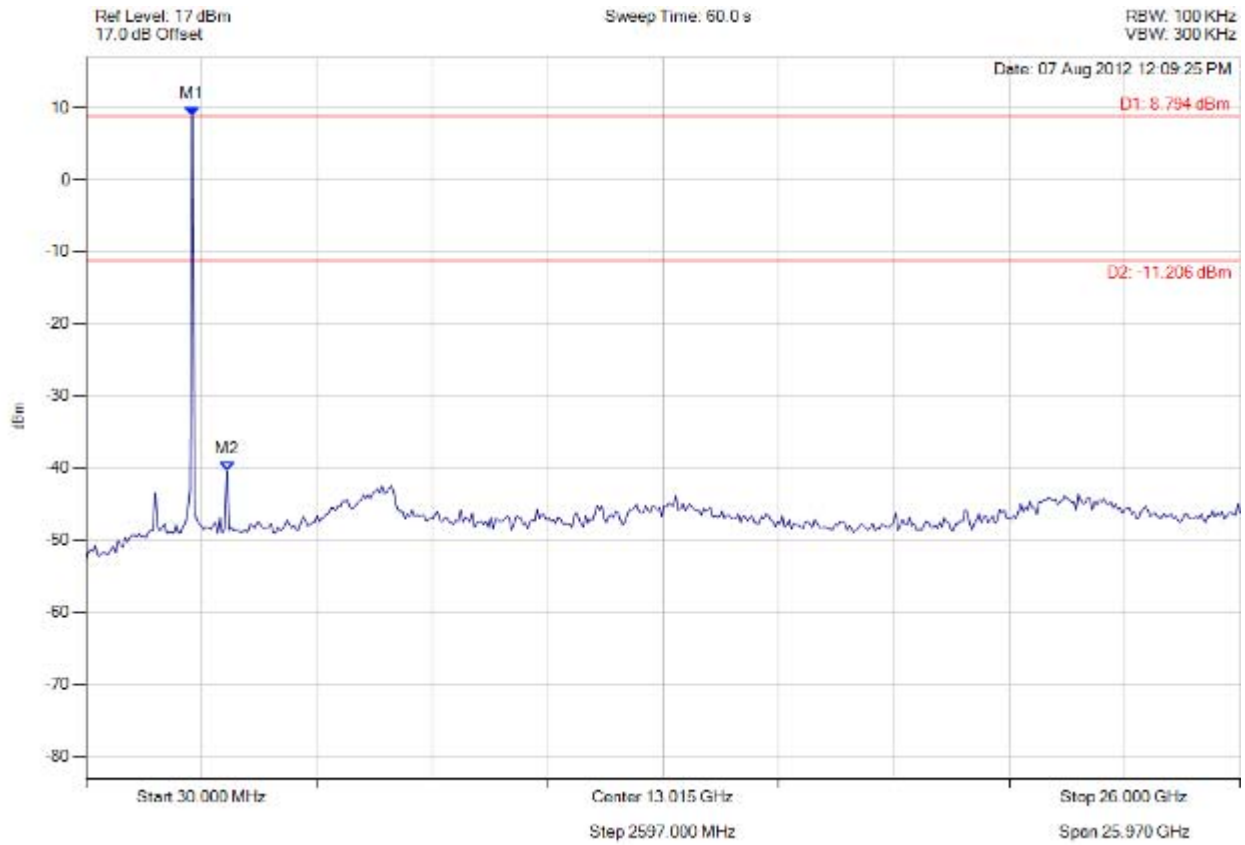
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 8.794 dBm<br>M2 : 3204.689 MHz : -40.321 dBm | Limit: -11.21 dBm<br>Margin: -29.11 dB |

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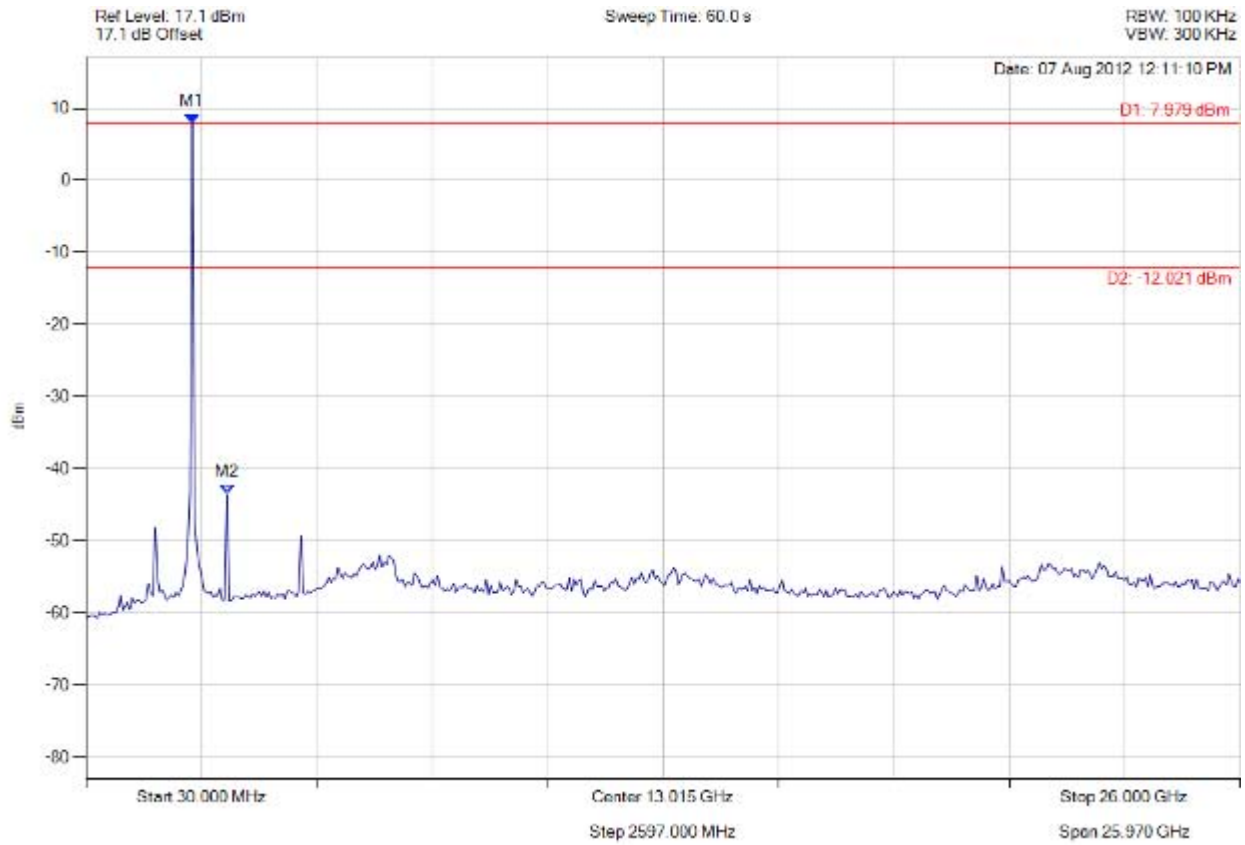
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 7.979 dBm<br>M2 : 3204.689 MHz : -43.514 dBm | Limit: -12.02 dBm<br>Margin: -31.49 dB |

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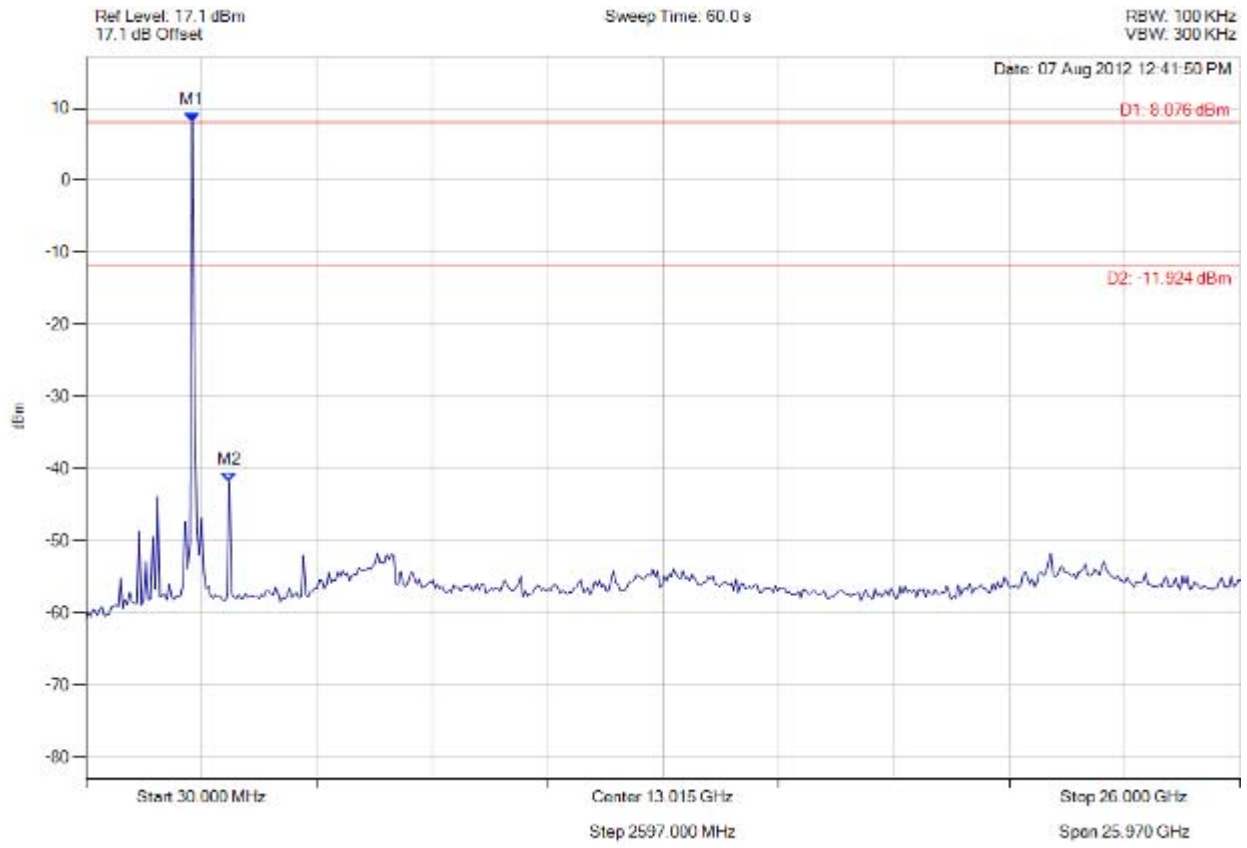
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 8.076 dBm<br>M2 : 3256.733 MHz : -41.777 dBm | Limit: -11.92 dBm<br>Margin: -29.86 dB |

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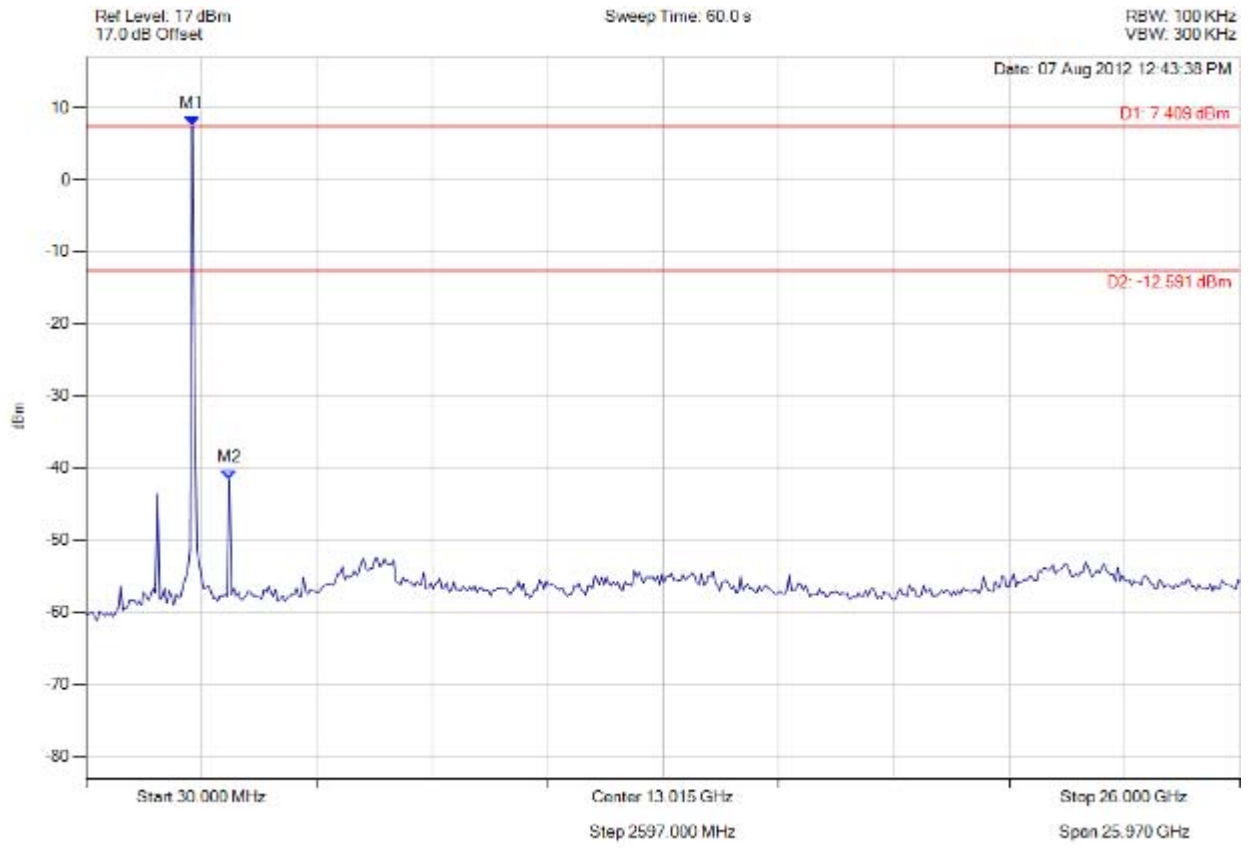
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 7.409 dBm<br>M2 : 3256.733 MHz : -41.550 dBm | Limit: -12.59 dBm<br>Margin: -28.96 dB |

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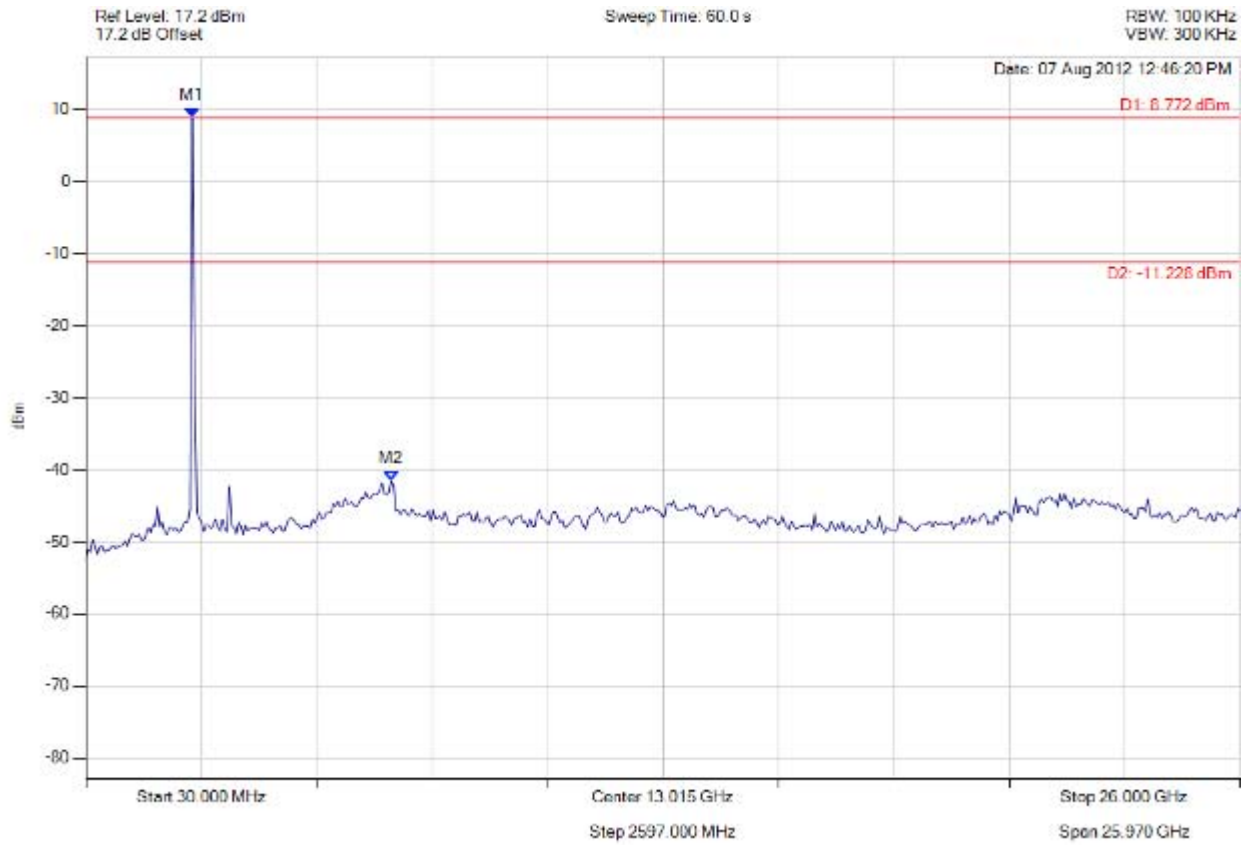
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 8.772 dBm<br>M2 : 6899.820 MHz : -41.490 dBm | Limit: -11.23 dBm<br>Margin: -30.26 dB |

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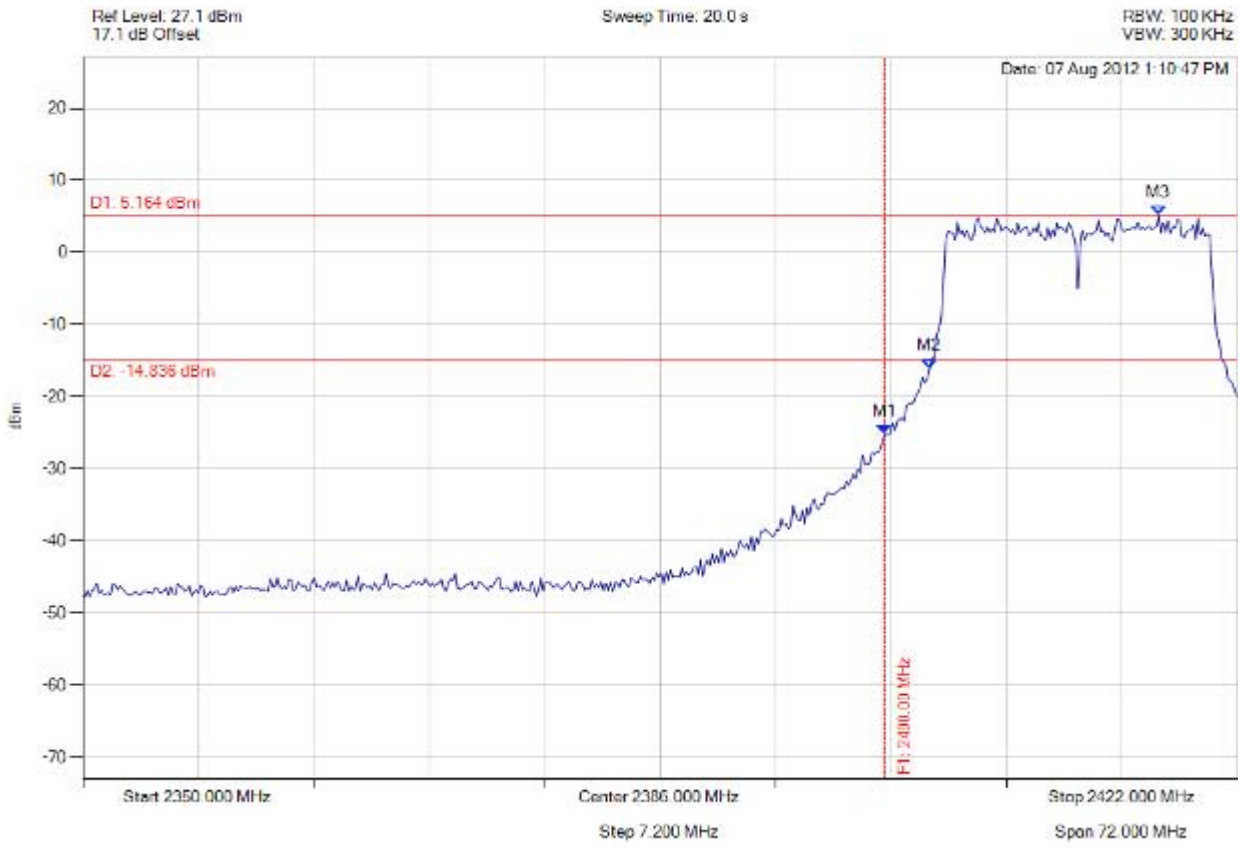
3x3 802.11g

**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2400.000 MHz : -25.149 dBm<br>M2 : 2402.810 MHz : -16.028 dBm<br>M3 : 2417.094 MHz : 5.164 dBm | Limit: -14.84 dBm<br>Margin: -10.31 dB |

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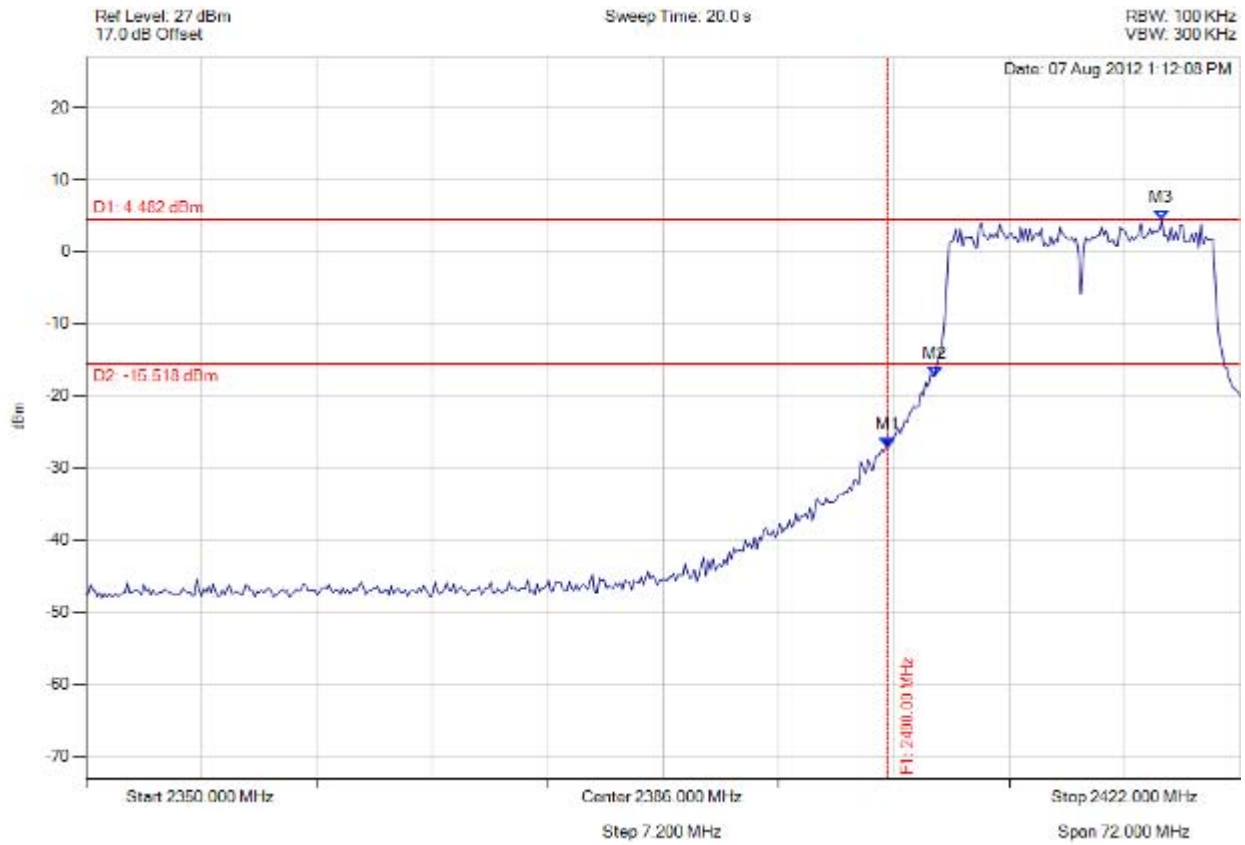
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2400.000 MHz : -27.102 dBm<br>M2 : 2402.954 MHz : -17.191 dBm<br>M3 : 2417.094 MHz : 4.482 dBm | Limit: -15.52 dBm<br>Margin: -11.58 dB |

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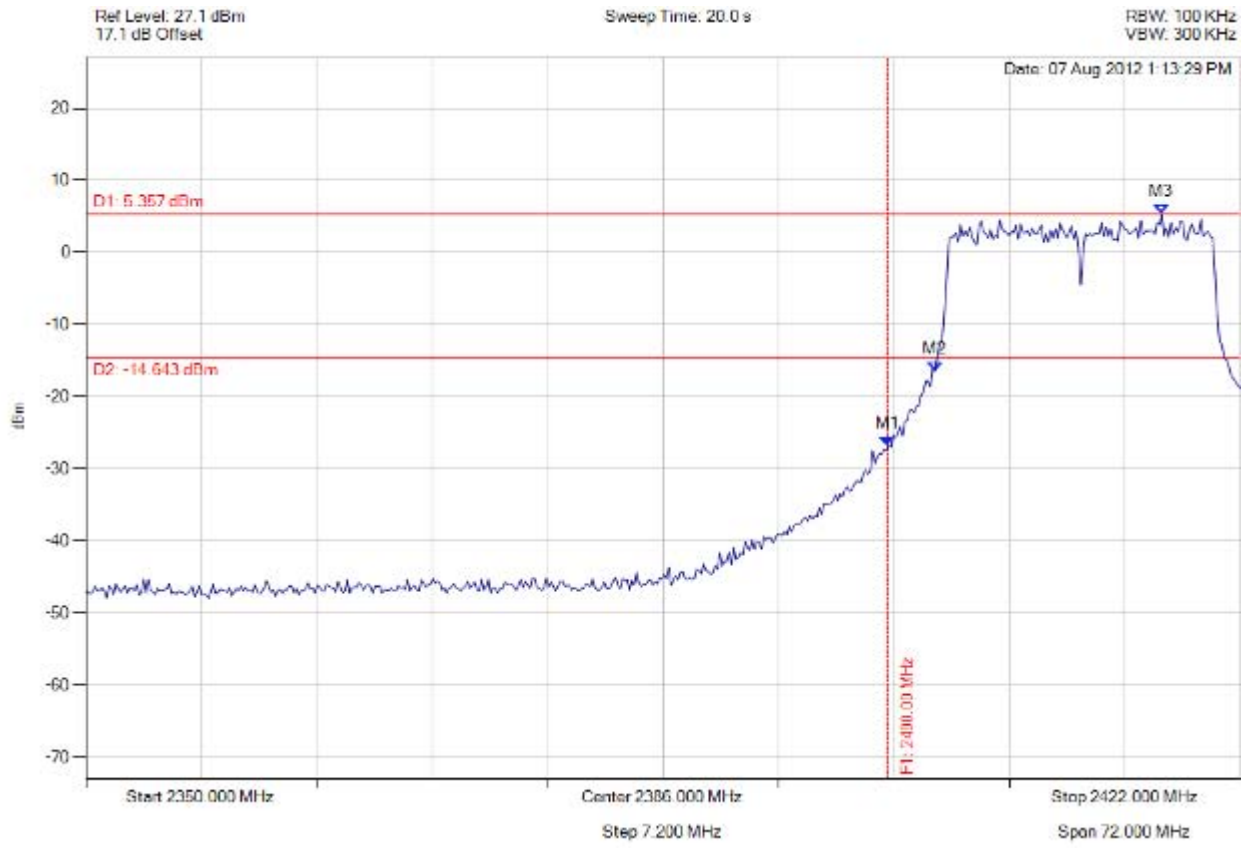
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2400.000 MHz : -26.719 dBm<br>M2 : 2402.954 MHz : -16.473 dBm<br>M3 : 2417.094 MHz : 5.357 dBm | Limit: -14.64 dBm<br>Margin: -12.08 dB |

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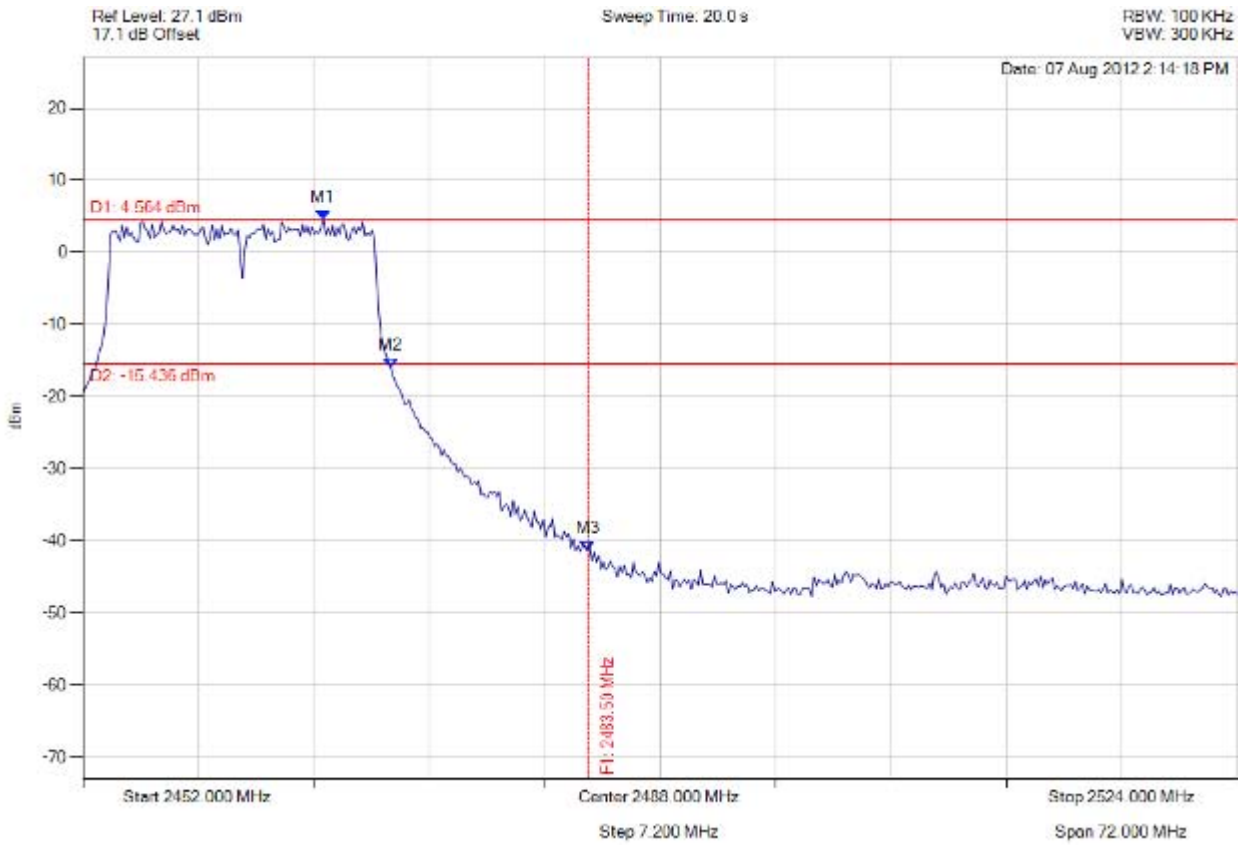
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2467.006 MHz : 4.564 dBm<br>M2 : 2471.190 MHz : -15.885 dBm<br>M3 : 2483.500 MHz : -41.289 dBm | Limit: -15.44 dBm<br>Margin: -25.85 dB |

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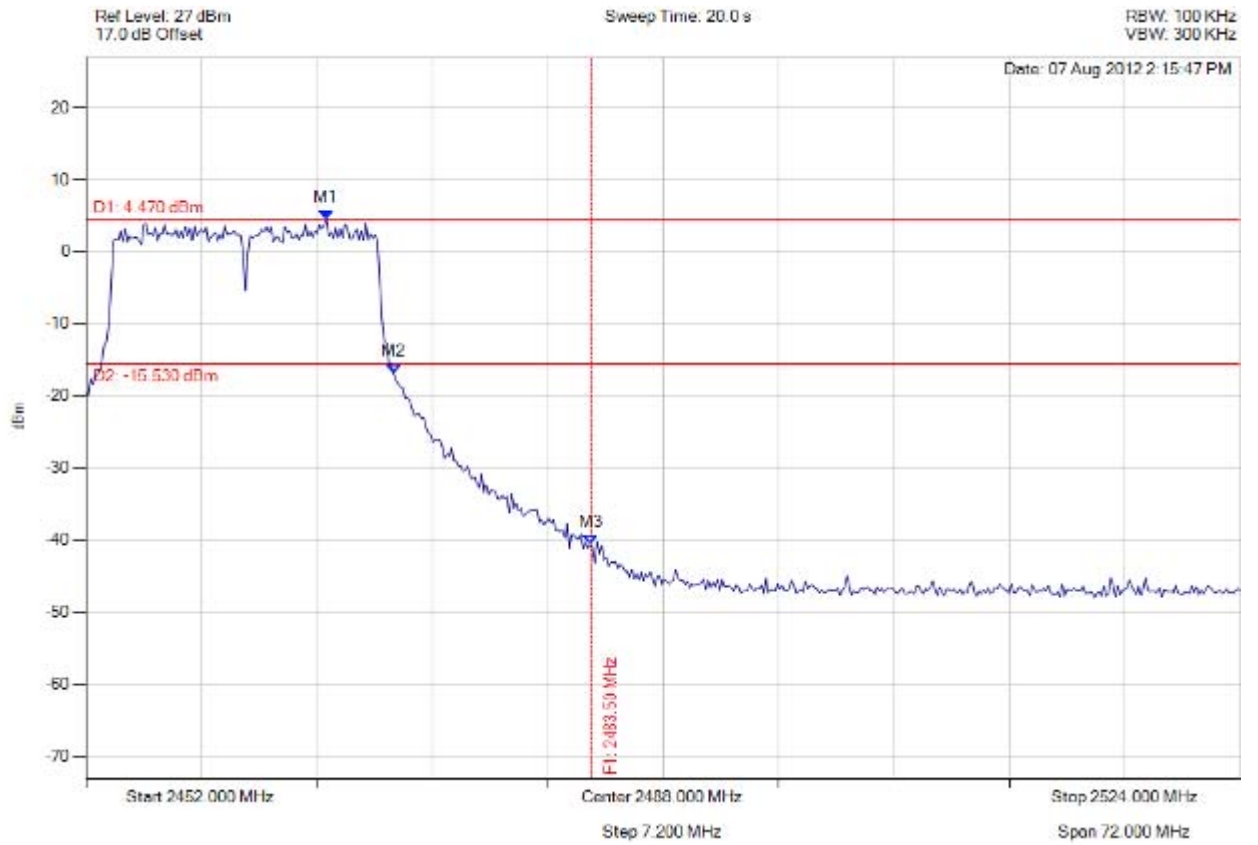
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2467.006 MHz : 4.470 dBm<br>M2 : 2471.190 MHz : -16.850 dBm<br>M3 : 2483.500 MHz : -40.620 dBm | Limit: -15.53 dBm<br>Margin: -25.09 dB |

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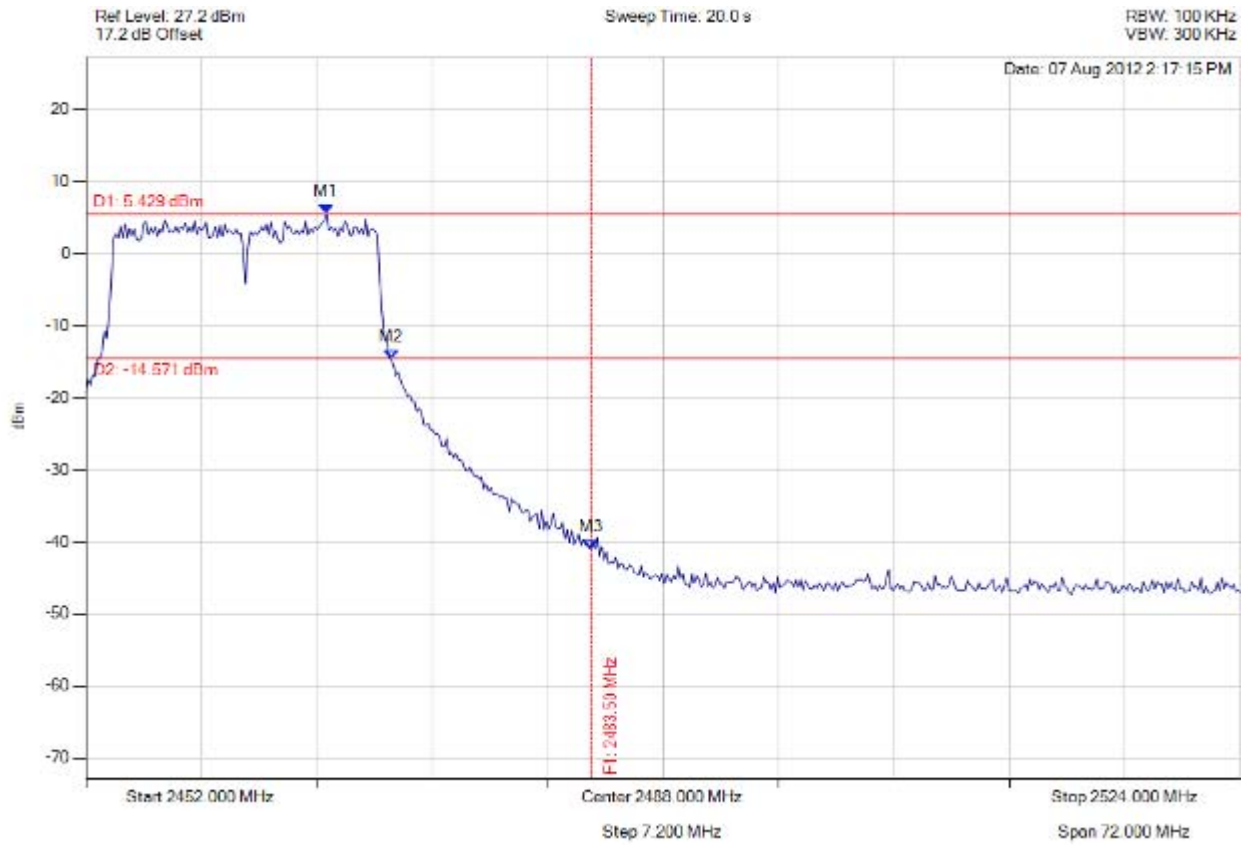
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2467.006 MHz : 5.429 dBm<br>M2 : 2471.046 MHz : -14.691 dBm<br>M3 : 2483.500 MHz : -41.022 dBm | Limit: -14.57 dBm<br>Margin: -26.45 dB |

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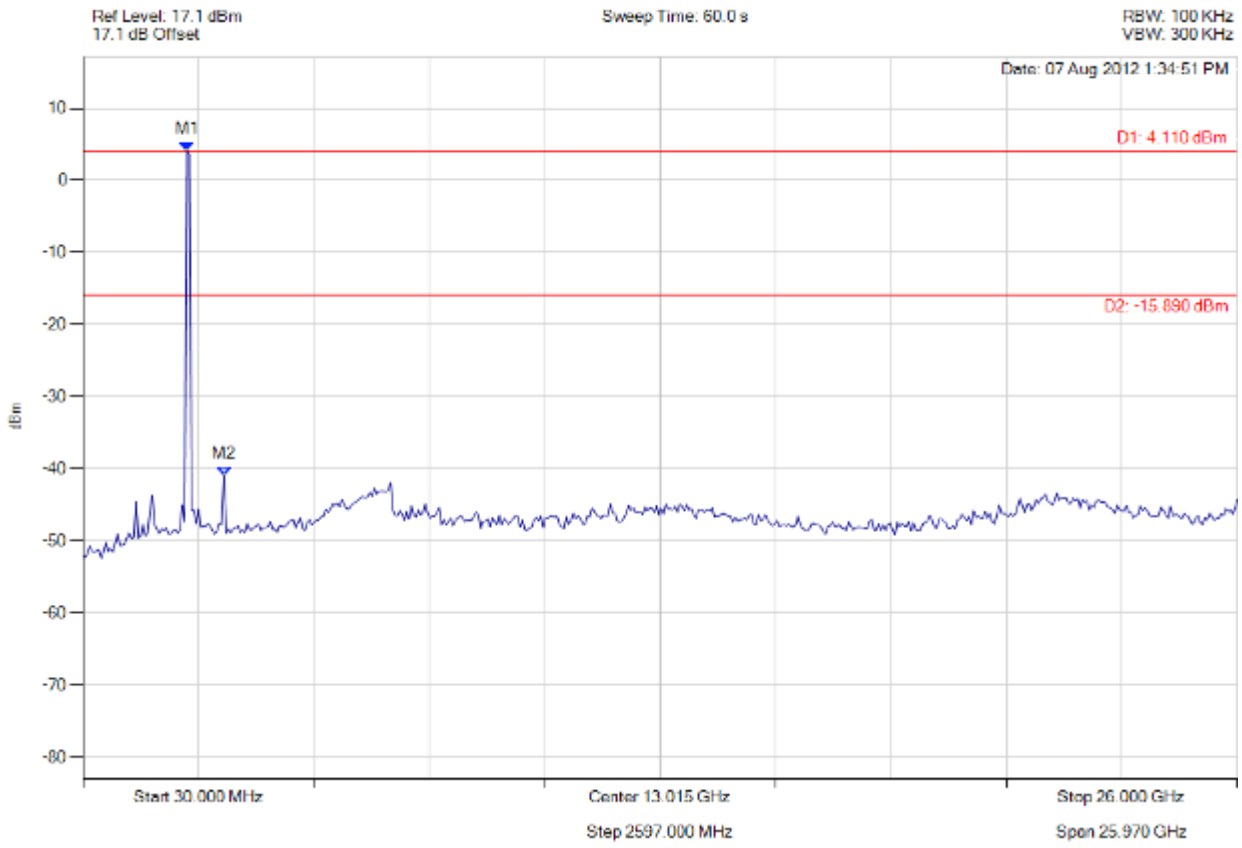
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2371.984 MHz : 4.110 dBm<br>M2 : 3204.689 MHz : -40.907 dBm | Limit: -15.89 dBm<br>Margin: -25.02 dB |

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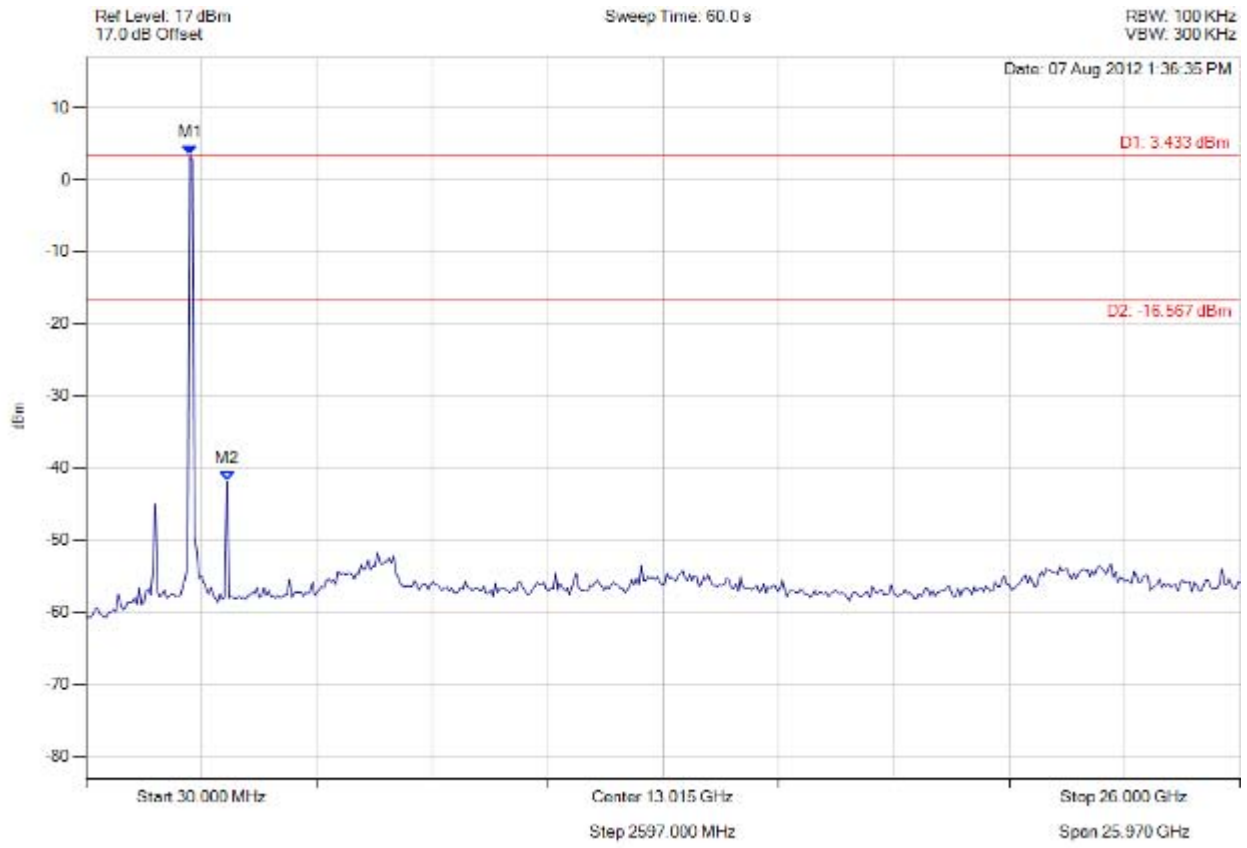
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2371.984 MHz : 3.433 dBm<br>M2 : 3204.689 MHz : -41.792 dBm | Limit: -16.57 dBm<br>Margin: -25.22 dB |

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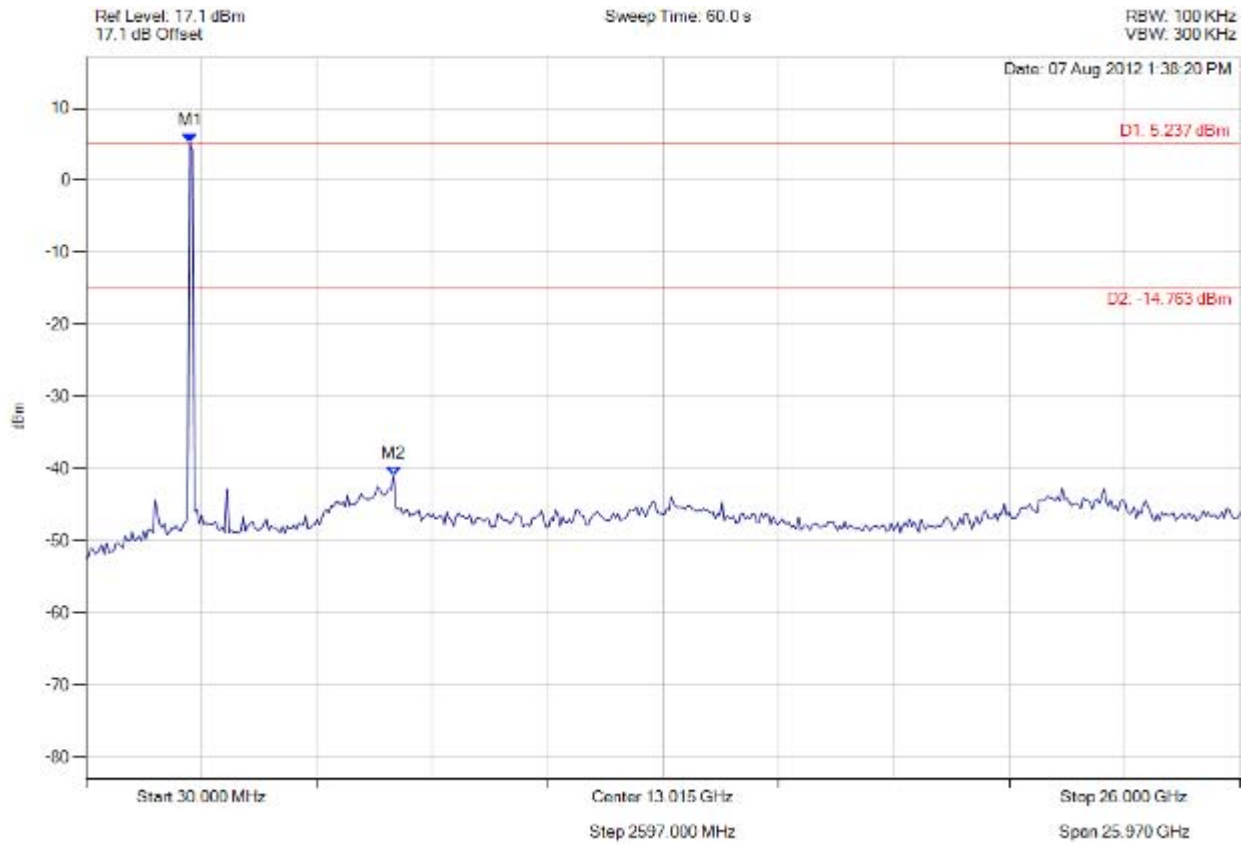
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2371.984 MHz : 5.237 dBm<br>M2 : 6951.864 MHz : -41.012 dBm | Limit: -14.76 dBm<br>Margin: -26.25 dB |

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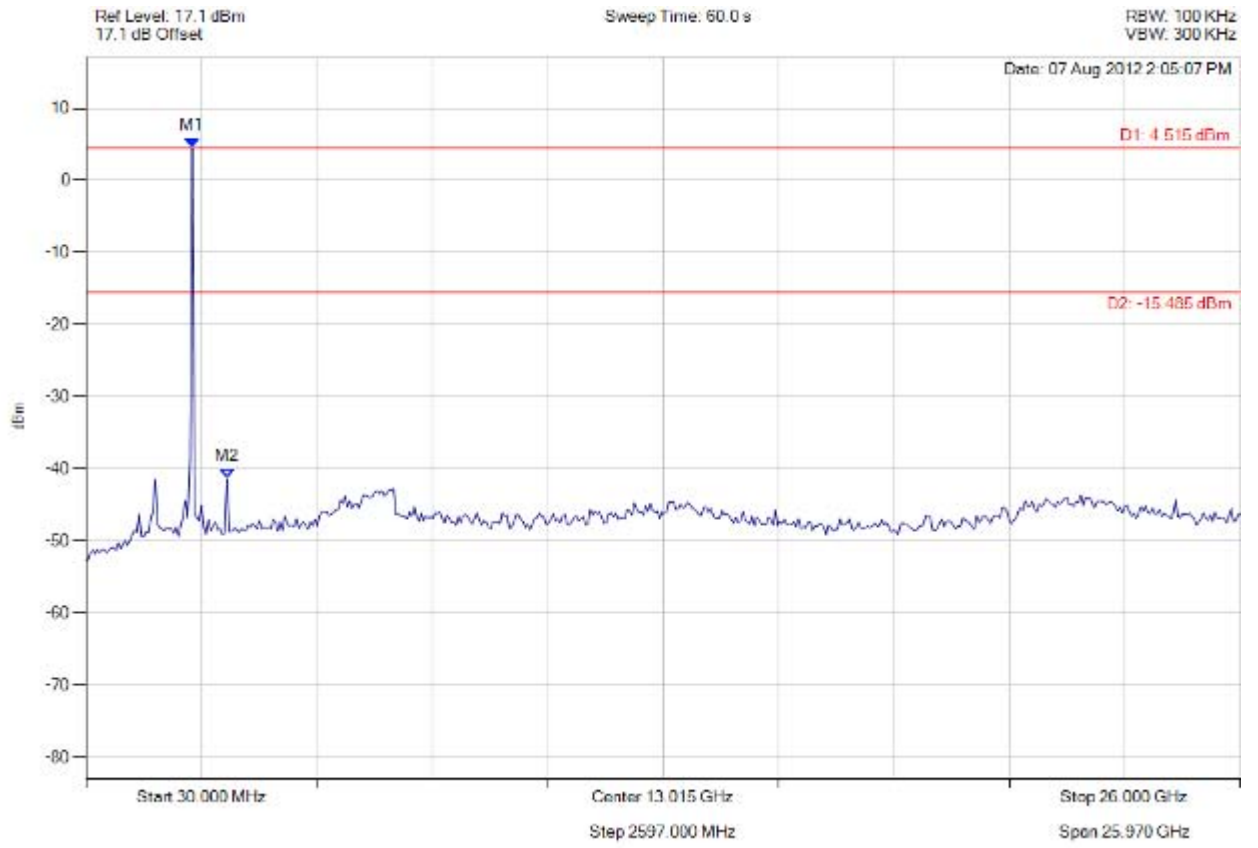
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 4.515 dBm<br>M2 : 3204.689 MHz : -41.342 dBm | Limit: -15.49 dBm<br>Margin: -25.85 dB |

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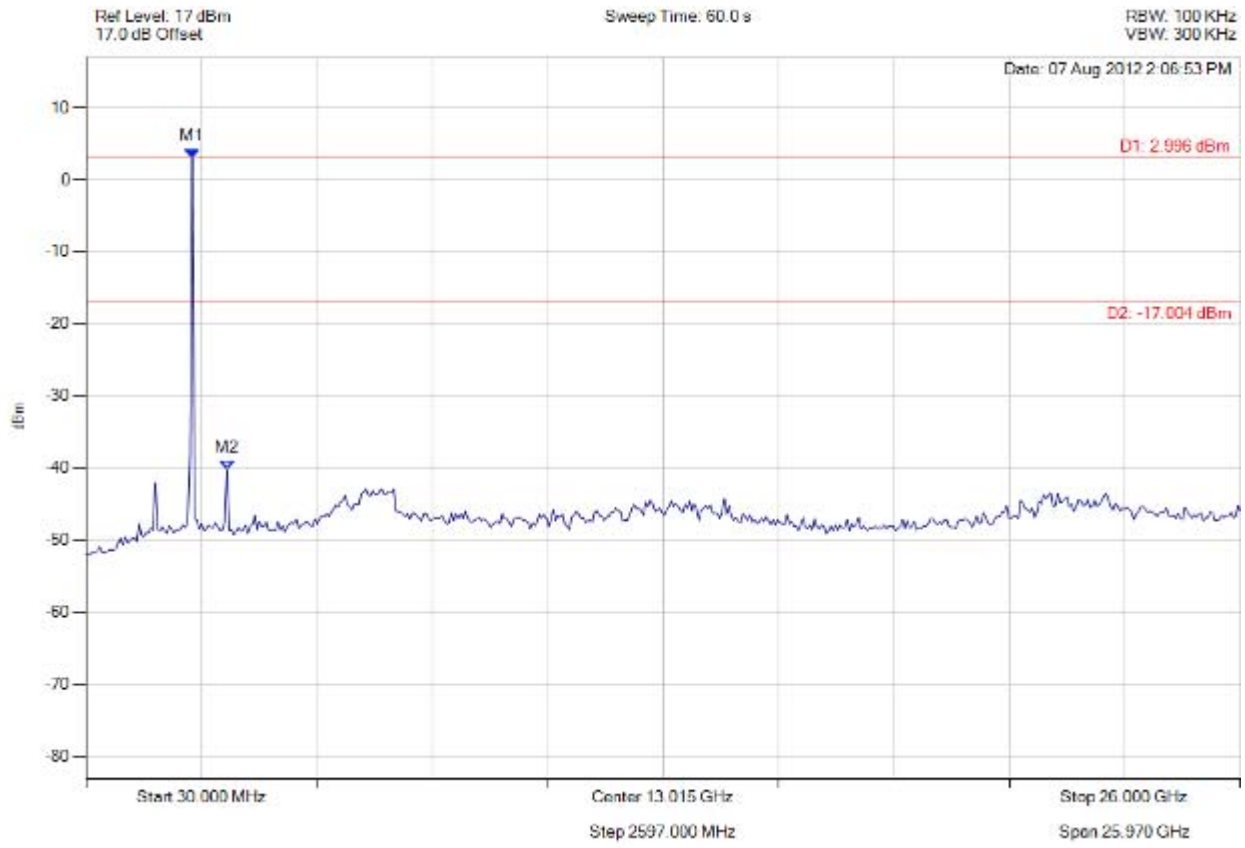
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 2.996 dBm<br>M2 : 3204.689 MHz : -40.213 dBm | Limit: -17.00 dBm<br>Margin: -23.21 dB |

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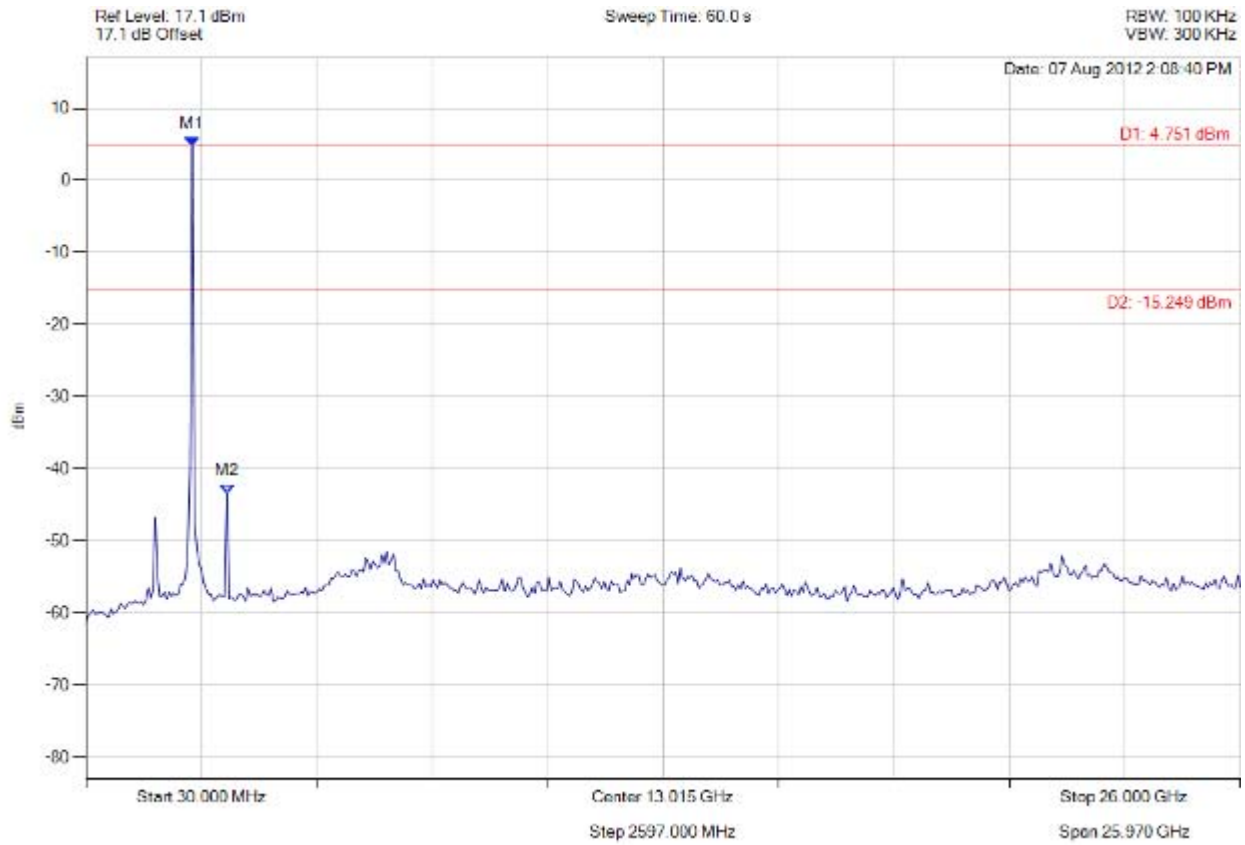
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 4.751 dBm<br>M2 : 3204.689 MHz : -43.371 dBm | Limit: -15.25 dBm<br>Margin: -28.12 dB |

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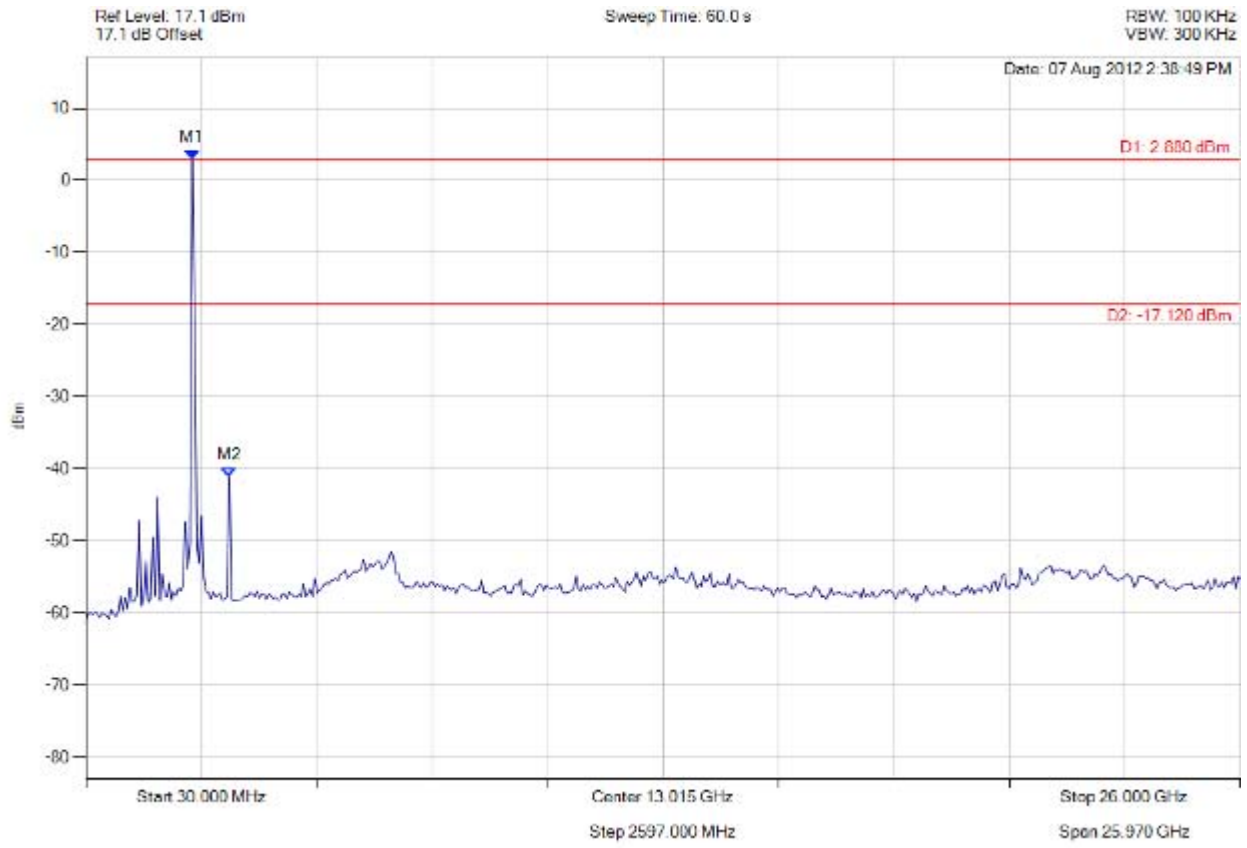
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 2.880 dBm<br>M2 : 3256.733 MHz : -41.073 dBm | Limit: -17.12 dBm<br>Margin: -23.95 dB |

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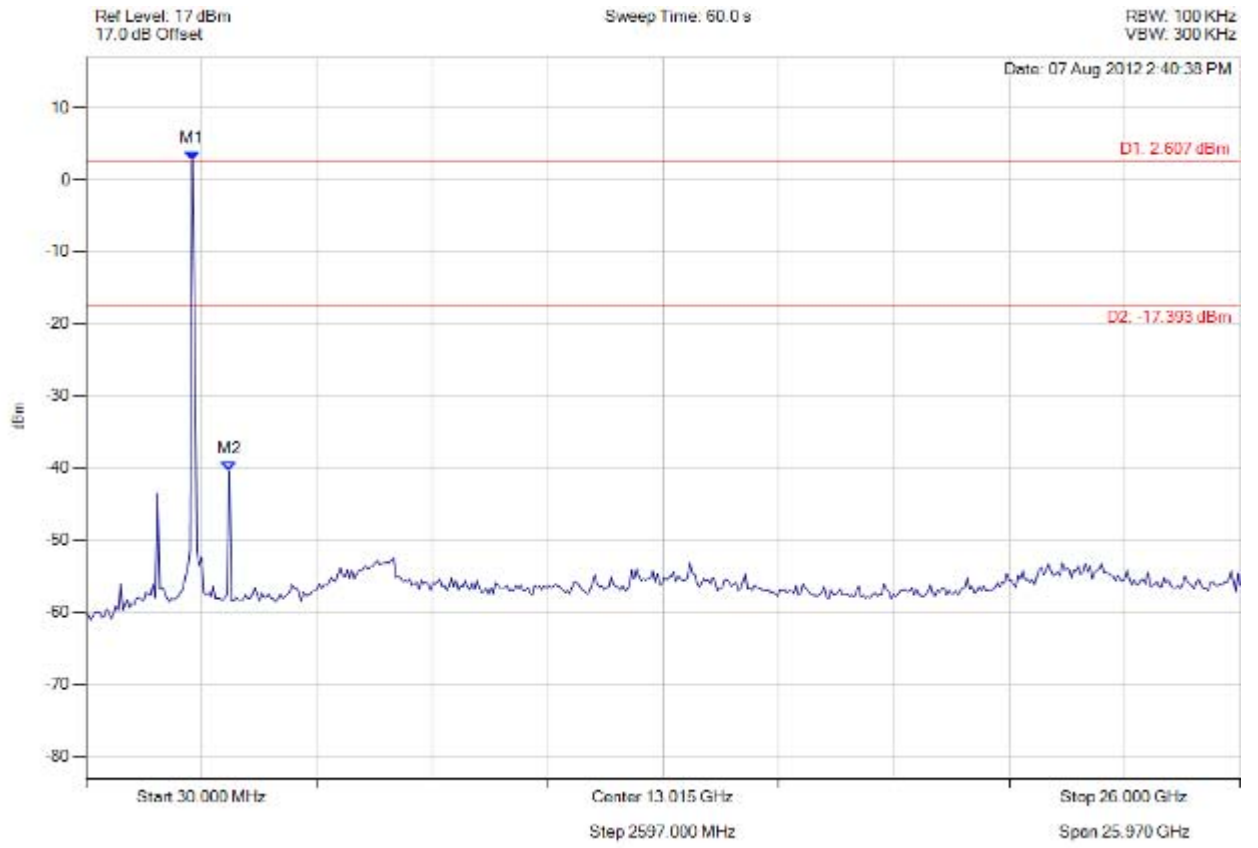
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 2.607 dBm<br>M2 : 3256.733 MHz : -40.449 dBm | Limit: -17.39 dBm<br>Margin: -23.06 dB |

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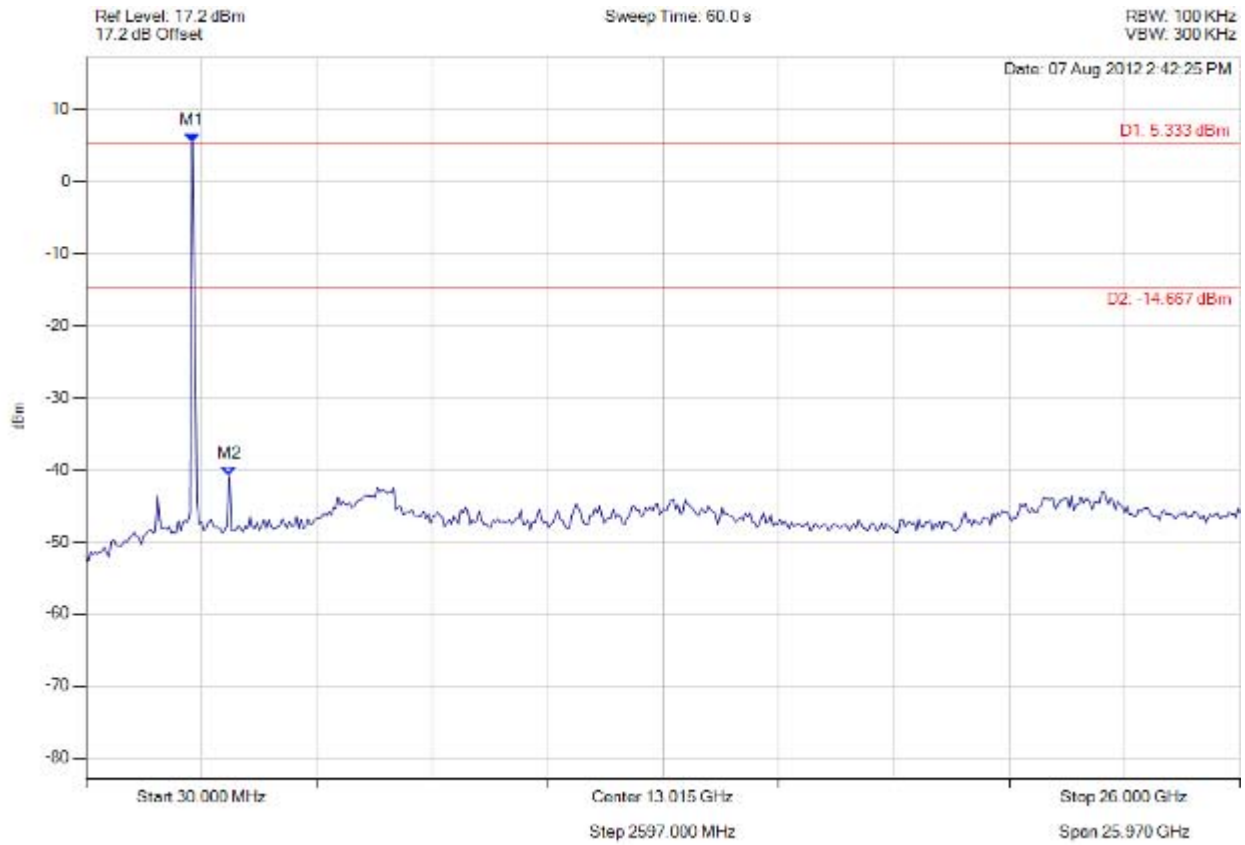
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 5.333 dBm<br>M2 : 3256.733 MHz : -40.924 dBm | Limit: -14.67 dBm<br>Margin: -26.25 dB |

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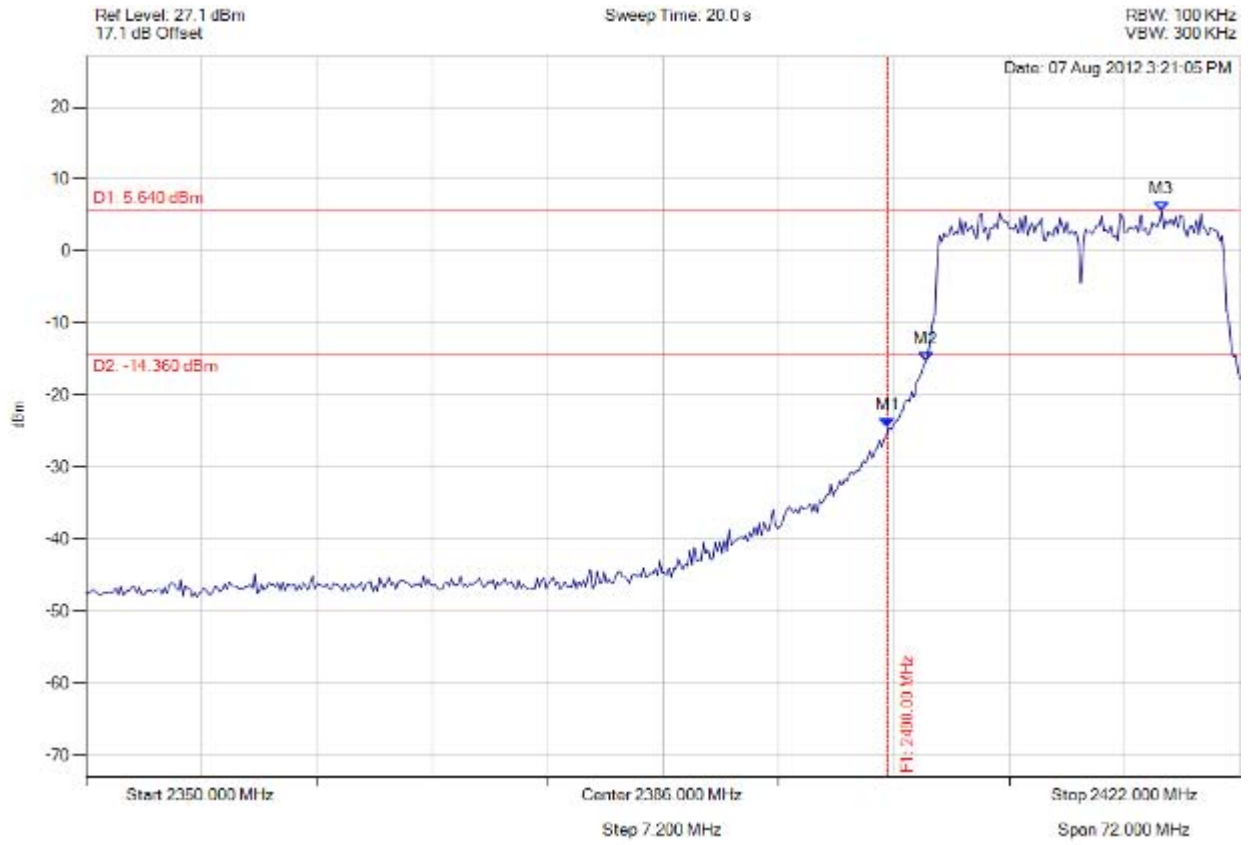
3x3 802.11n HT-20

**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2400.000 MHz : -24.510 dBm<br>M2 : 2402.377 MHz : -15.304 dBm<br>M3 : 2417.094 MHz : 5.640 dBm | Limit: -14.36 dBm<br>Margin: -10.15 dB |

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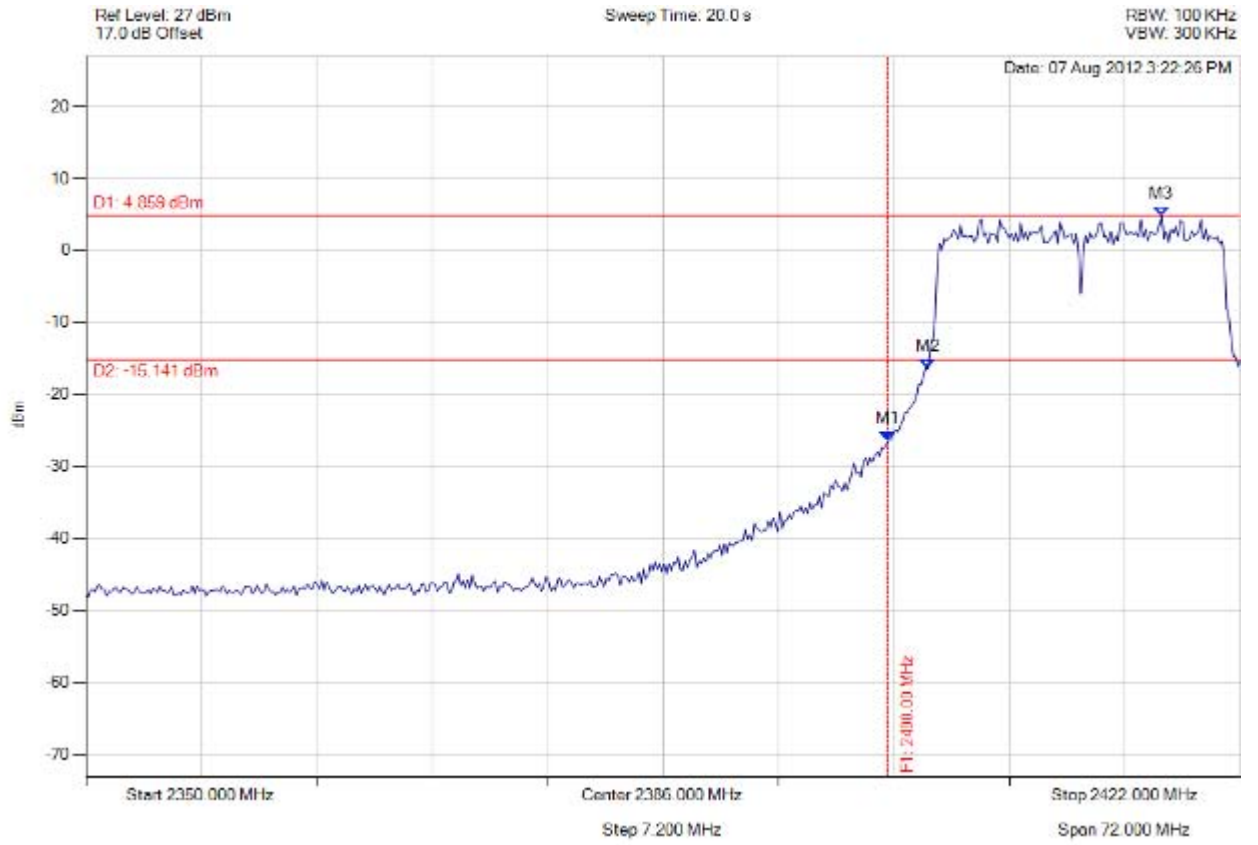
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2400.000 MHz : -26.325 dBm<br>M2 : 2402.521 MHz : -16.392 dBm<br>M3 : 2417.094 MHz : 4.859 dBm | Limit: -15.14 dBm<br>Margin: -11.18 dB |

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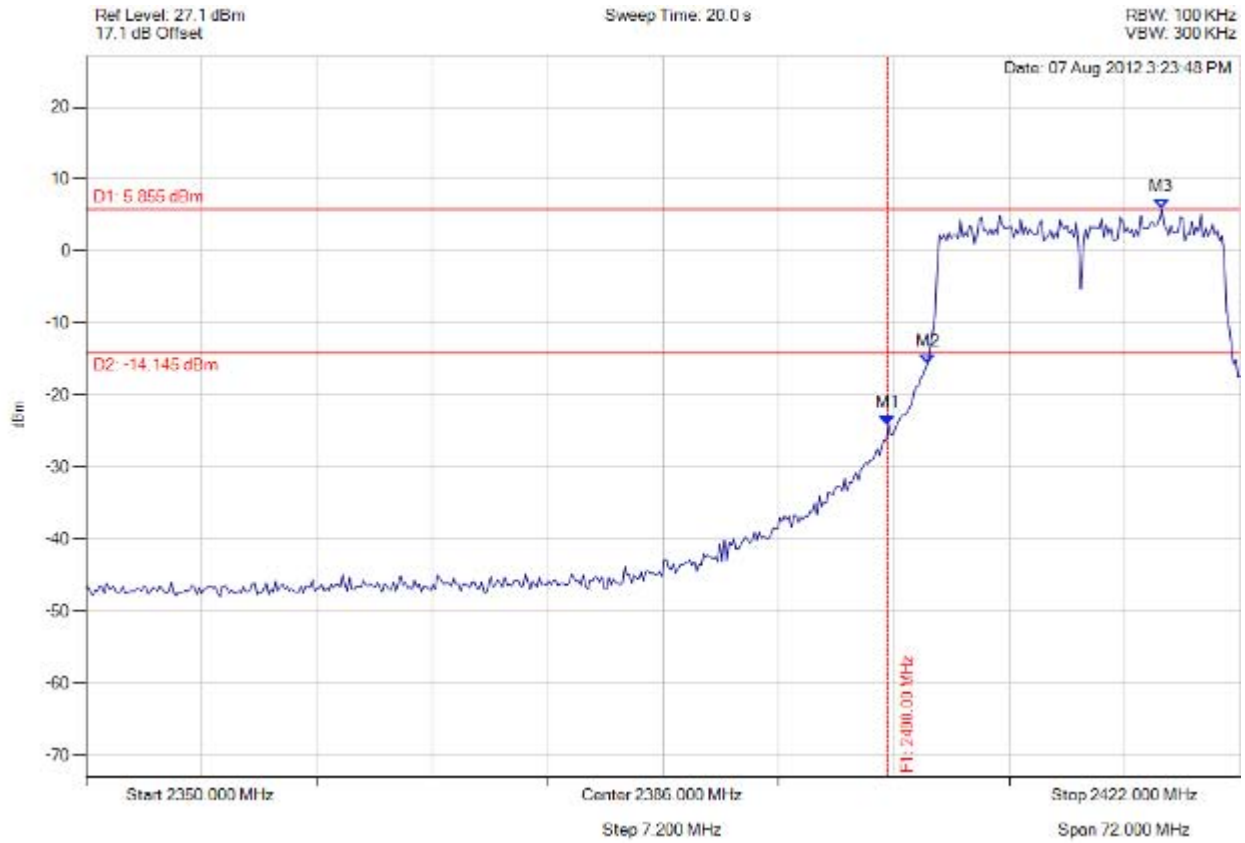
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2400.000 MHz : -24.061 dBm<br>M2 : 2402.521 MHz : -15.668 dBm<br>M3 : 2417.094 MHz : 5.855 dBm | Limit: -14.15 dBm<br>Margin: -9.91 dB |

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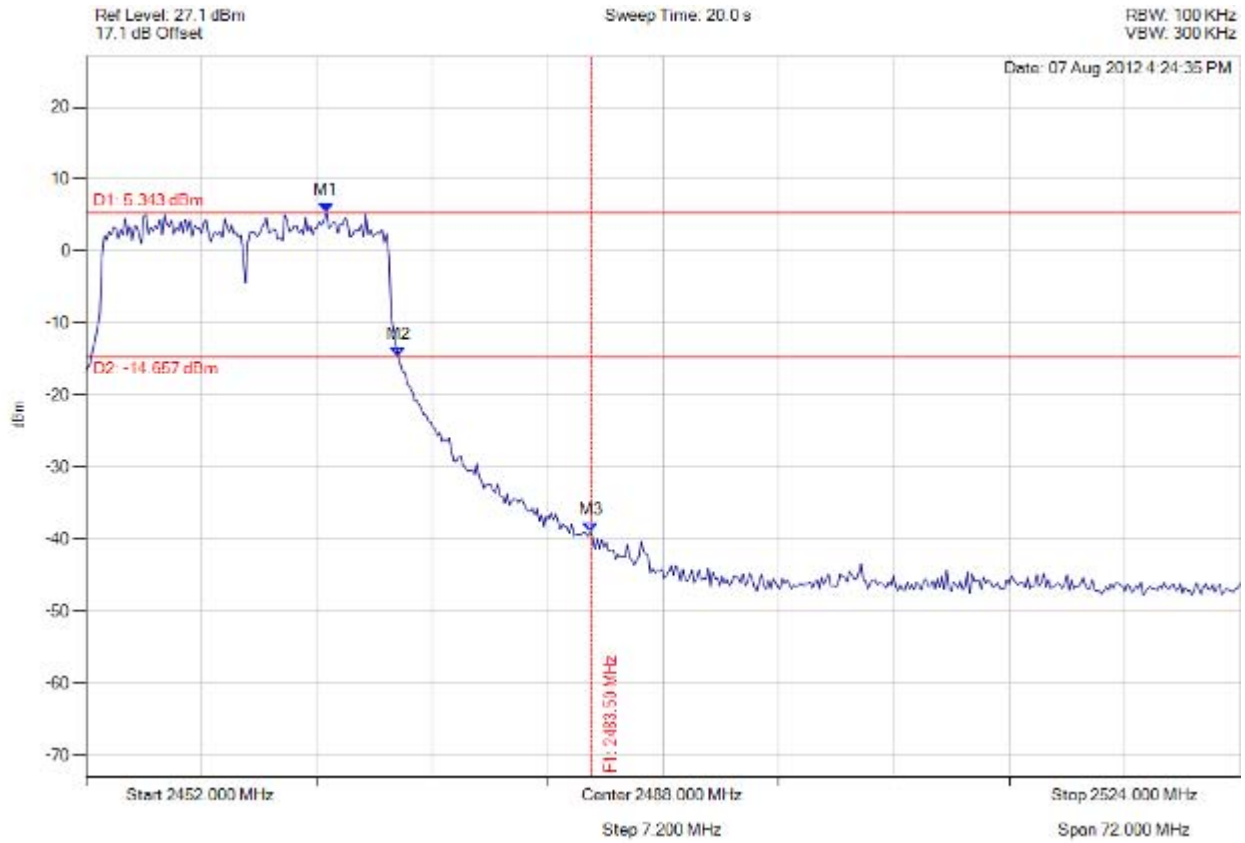
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2467.006 MHz : 5.343 dBm<br>M2 : 2471.479 MHz : -14.679 dBm<br>M3 : 2483.500 MHz : -39.013 dBm | Limit: -14.66 dBm<br>Margin: -24.35 dB |

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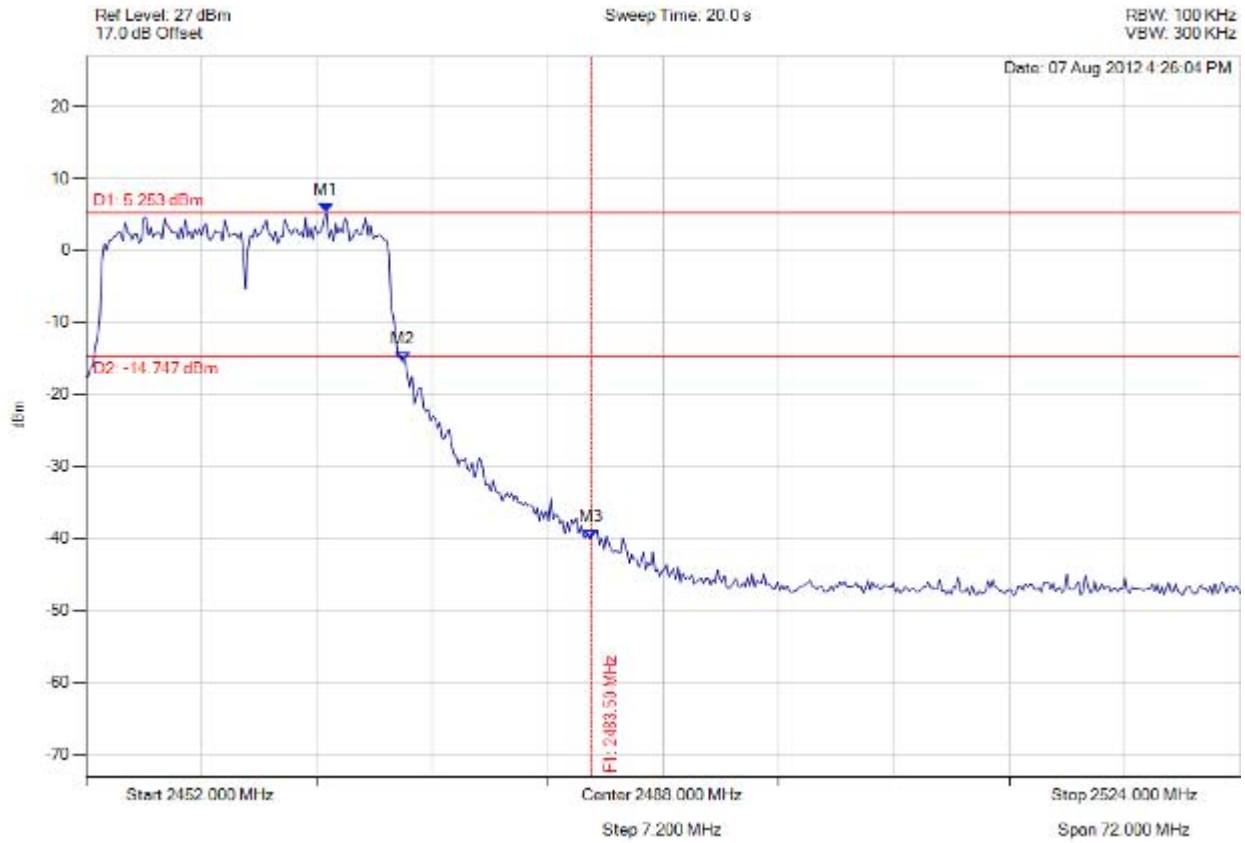
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2467.006 MHz : 5.253 dBm<br>M2 : 2471.768 MHz : -15.456 dBm<br>M3 : 2483.500 MHz : -40.044 dBm | Limit: -14.75 dBm<br>Margin: -25.29 dB |

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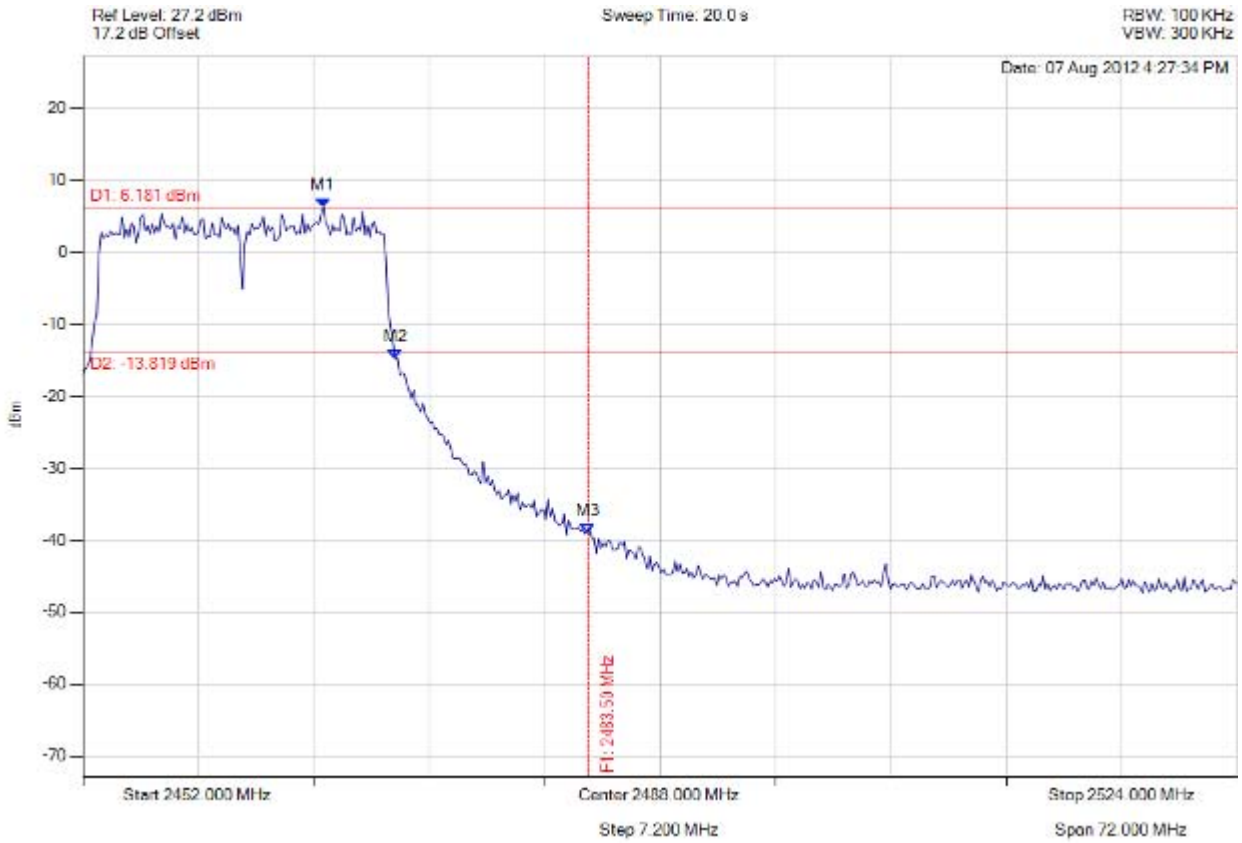
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2467.006 MHz : 6.181 dBm<br>M2 : 2471.479 MHz : -14.888 dBm<br>M3 : 2483.500 MHz : -38.958 dBm | Limit: -13.82 dBm<br>Margin: -25.14 dB |

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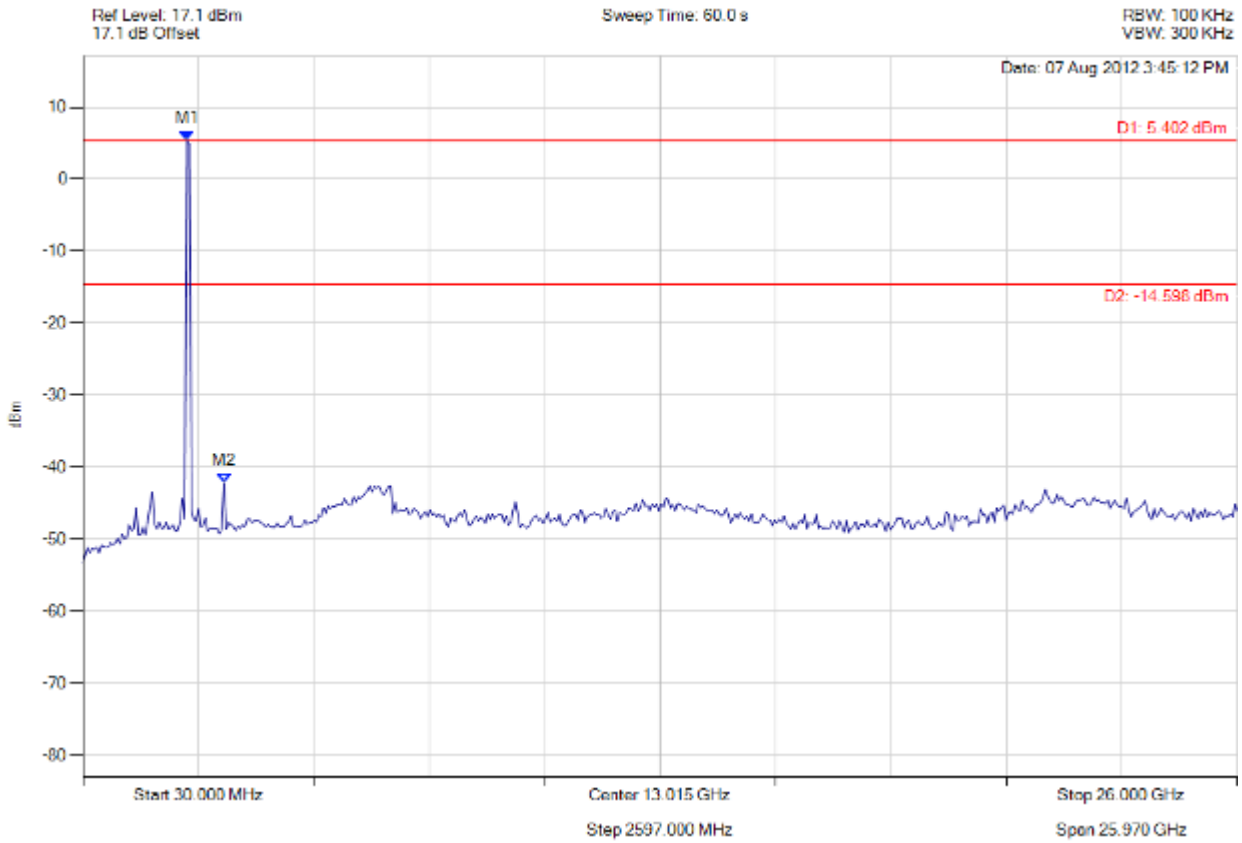
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2371.984 MHz : 5.402 dBm<br>M2 : 3204.689 MHz : -42.157 dBm | Limit: -14.60 dBm<br>Margin: -27.56 dB |

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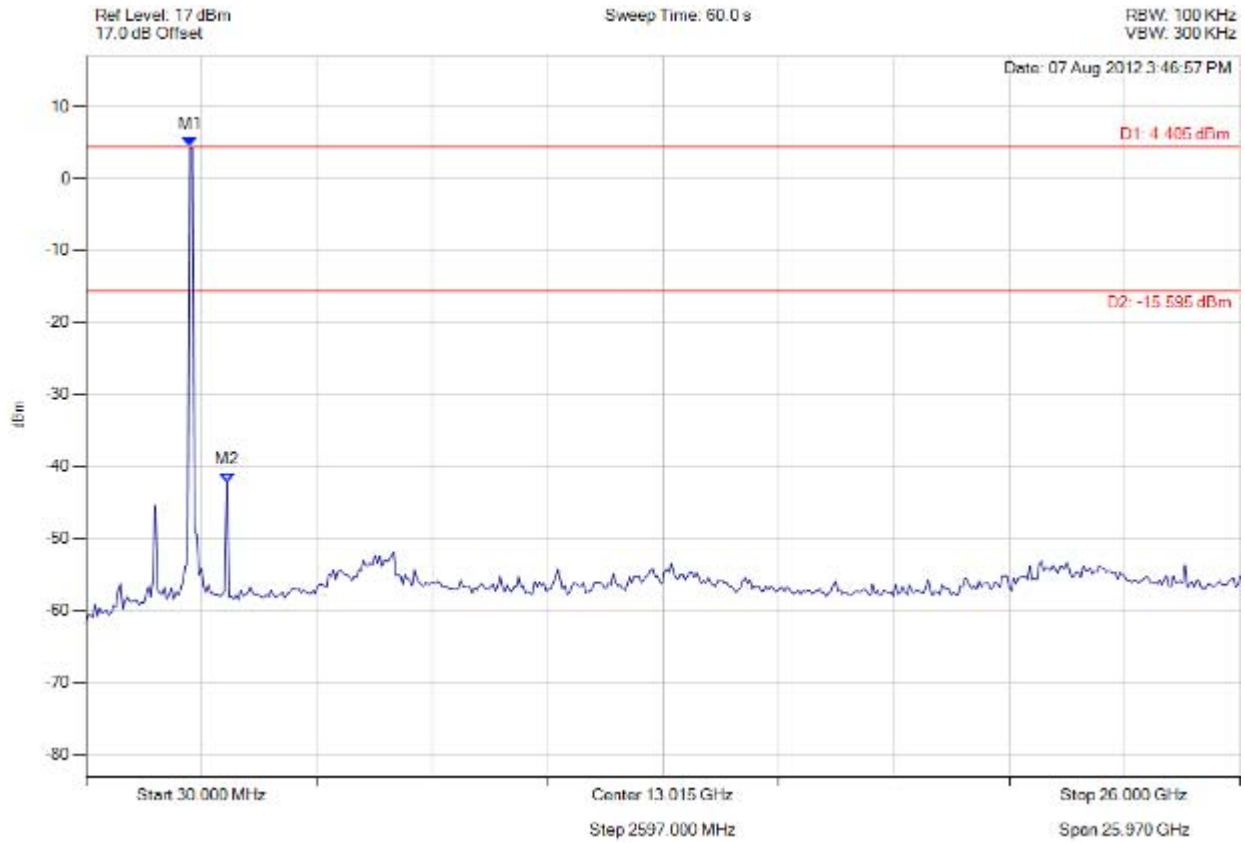
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2371.984 MHz : 4.405 dBm<br>M2 : 3204.689 MHz : -42.147 dBm | Limit: -15.60 dBm<br>Margin: -26.55 dB |

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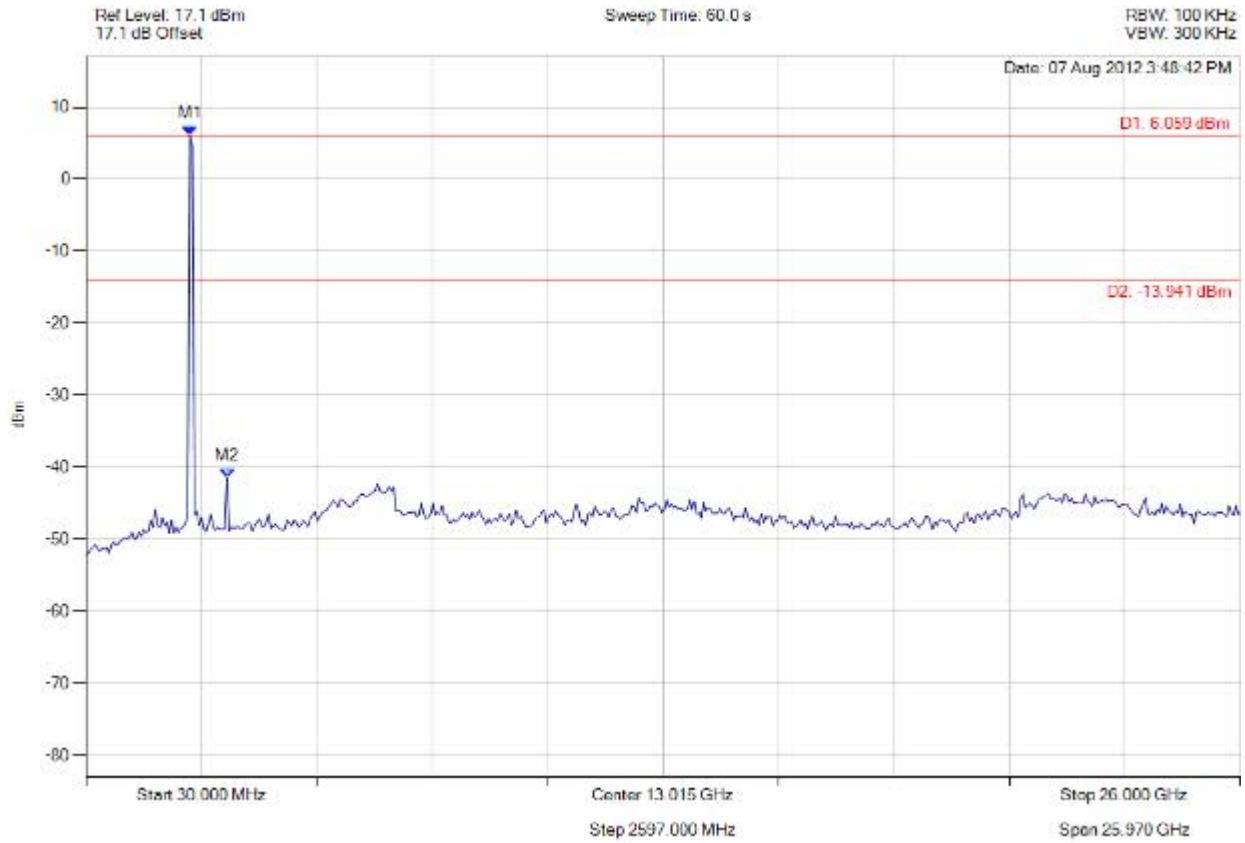
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2371.984 MHz : 6.059 dBm<br>M2 : 3204.689 MHz : -41.445 dBm | Limit: -13.94 dBm<br>Margin: -27.51 dB |

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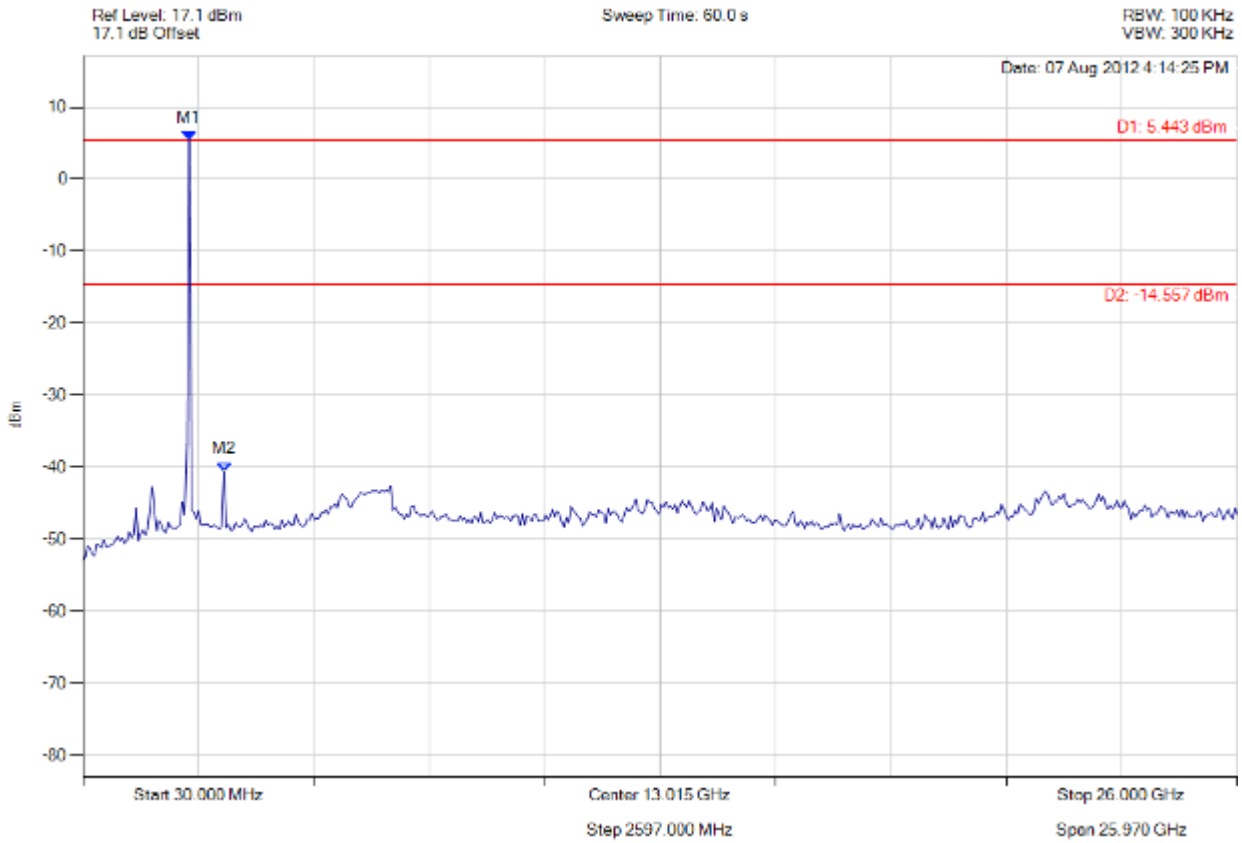
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 5.443 dBm<br>M2 : 3204.689 MHz : -40.544 dBm | Limit: -14.56 dBm<br>Margin: -25.98 dB |

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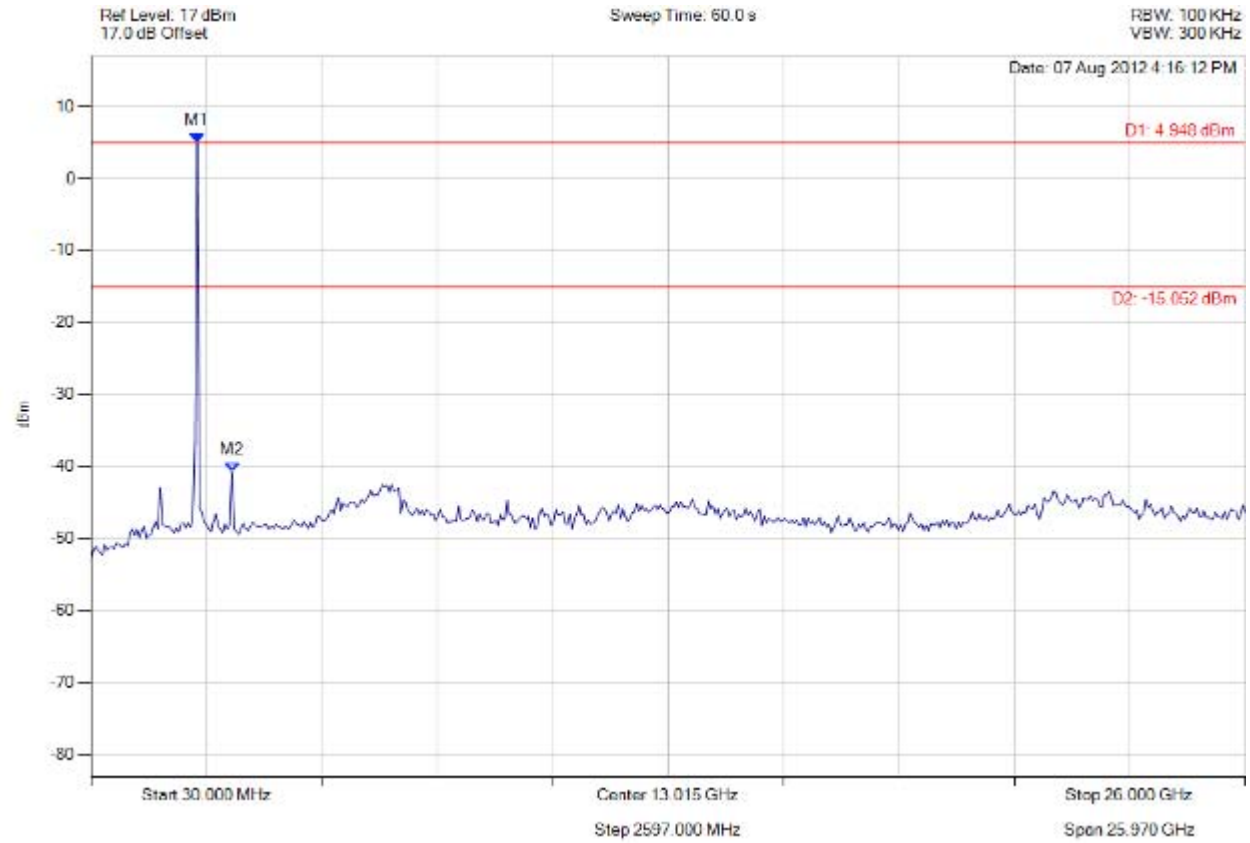
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 4.948 dBm<br>M2 : 3204.689 MHz : -40.764 dBm | Limit: -15.05 dBm<br>Margin: -25.71 dB |

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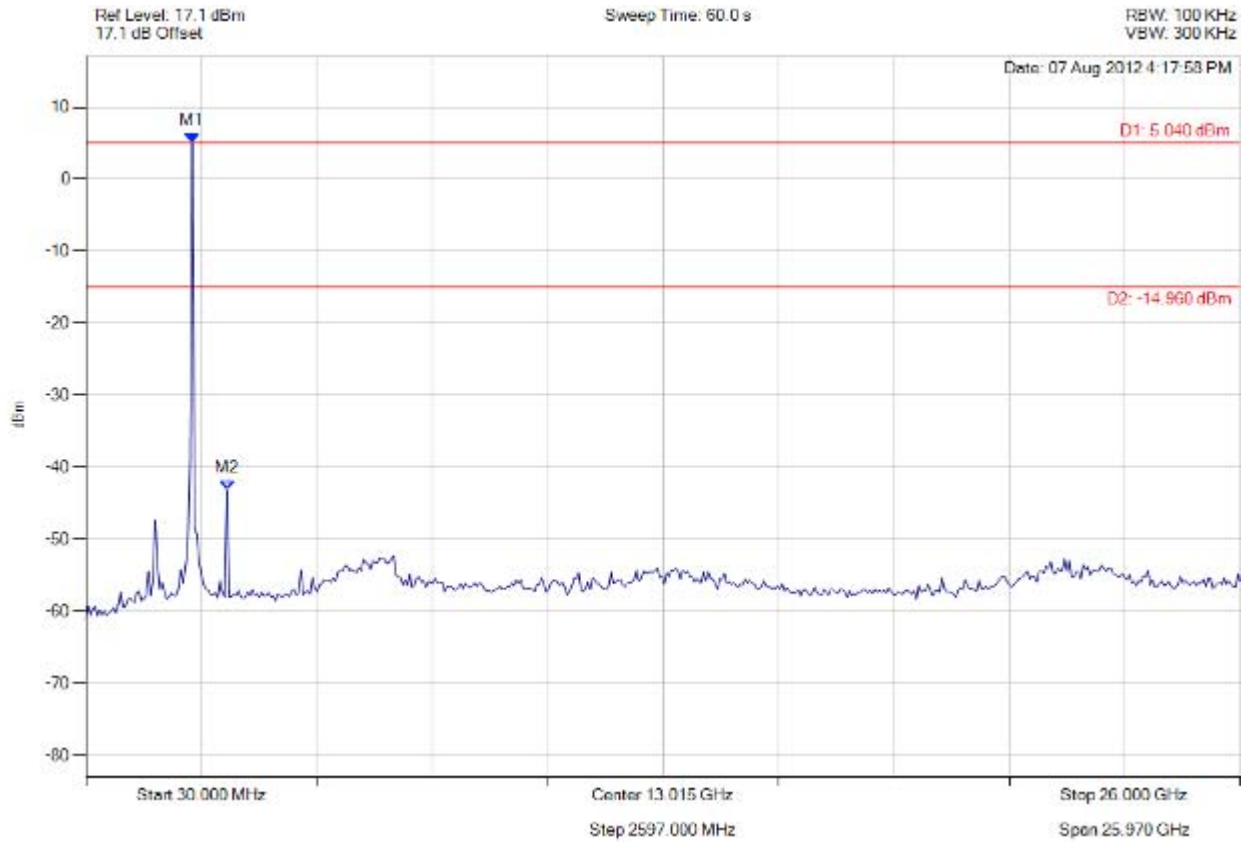
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 5.040 dBm<br>M2 : 3204.689 MHz : -43.119 dBm | Limit: -14.96 dBm<br>Margin: -28.16 dB |

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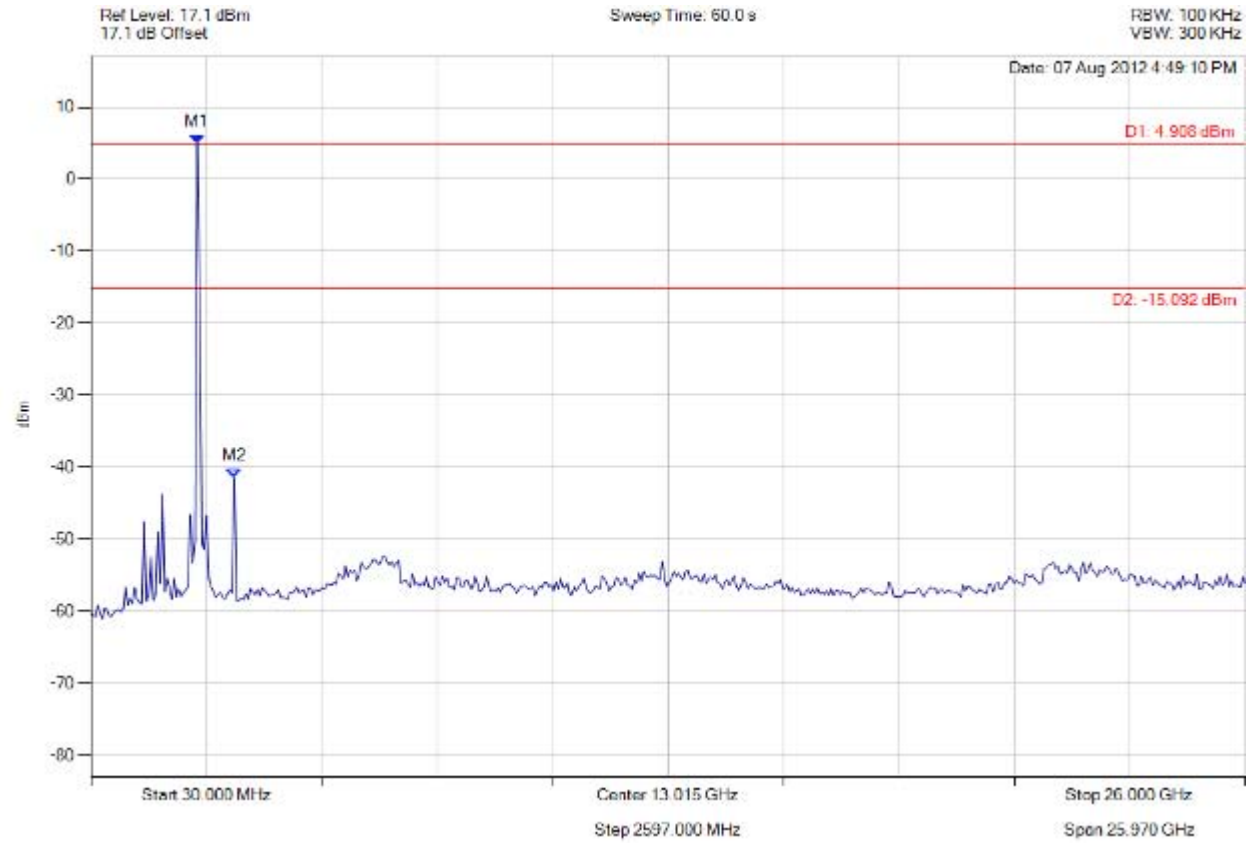
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 4.908 dBm<br>M2 : 3256.733 MHz : -41.437 dBm | Limit: -15.09 dBm<br>Margin: -26.35 dB |

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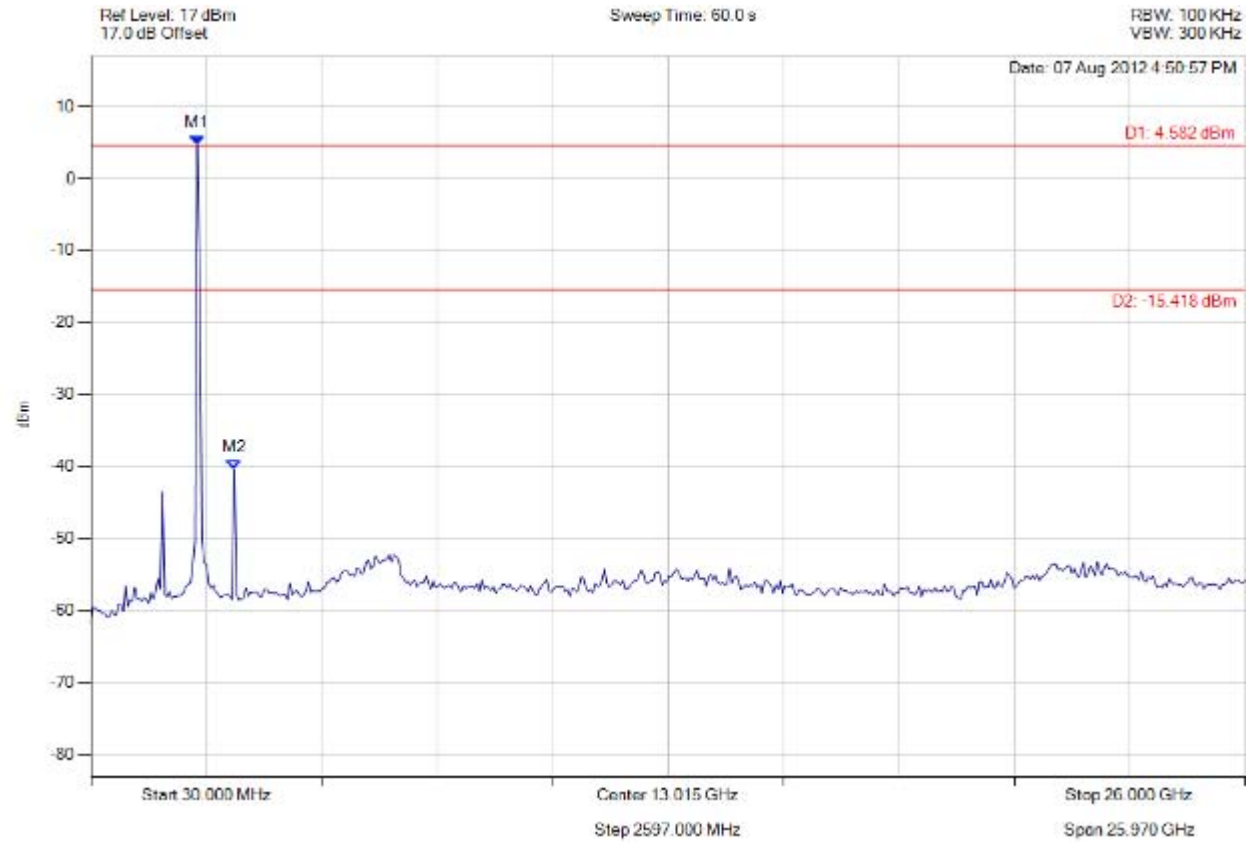
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 4.582 dBm<br>M2 : 3256.733 MHz : -40.396 dBm | Limit: -15.42 dBm<br>Margin: -24.98 dB |

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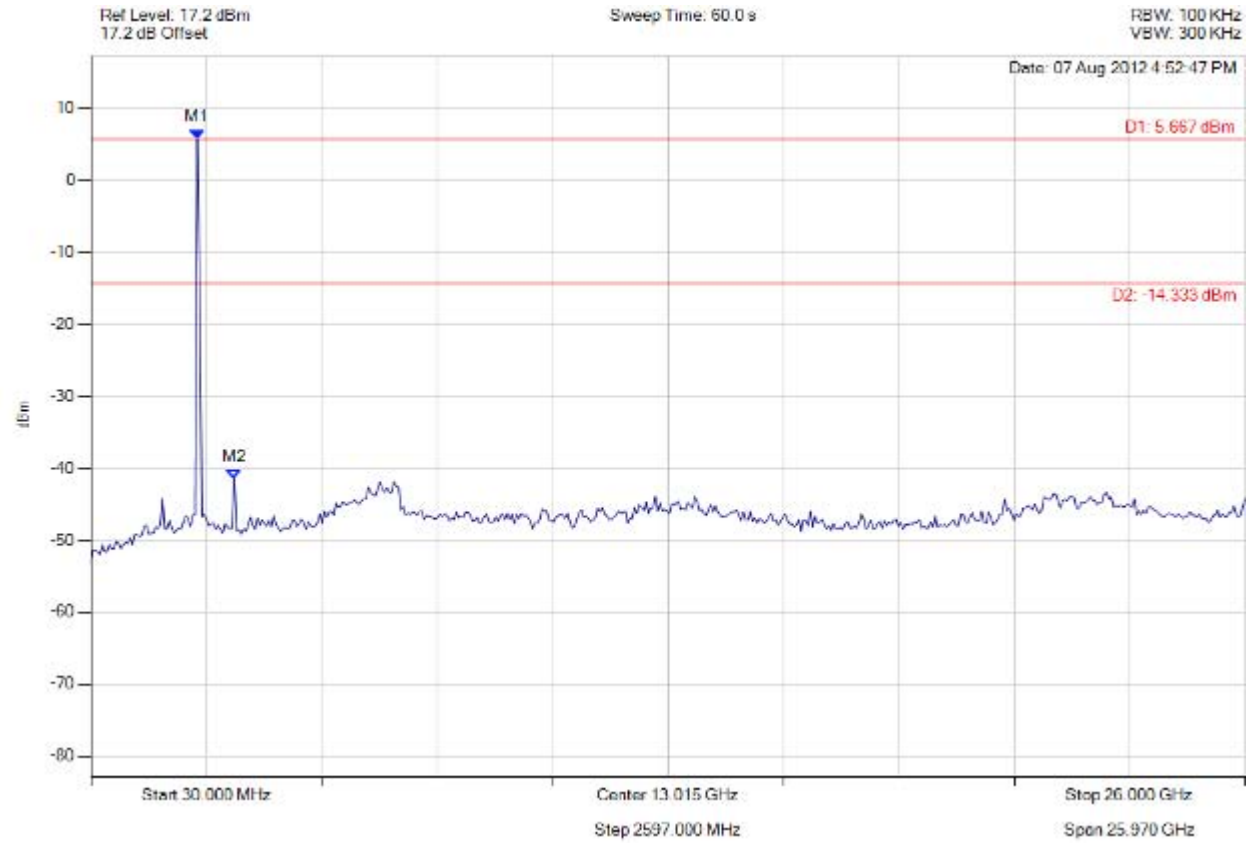
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 5.667 dBm<br>M2 : 3256.733 MHz : -41.453 dBm | Limit: -14.33 dBm<br>Margin: -27.12 dB |

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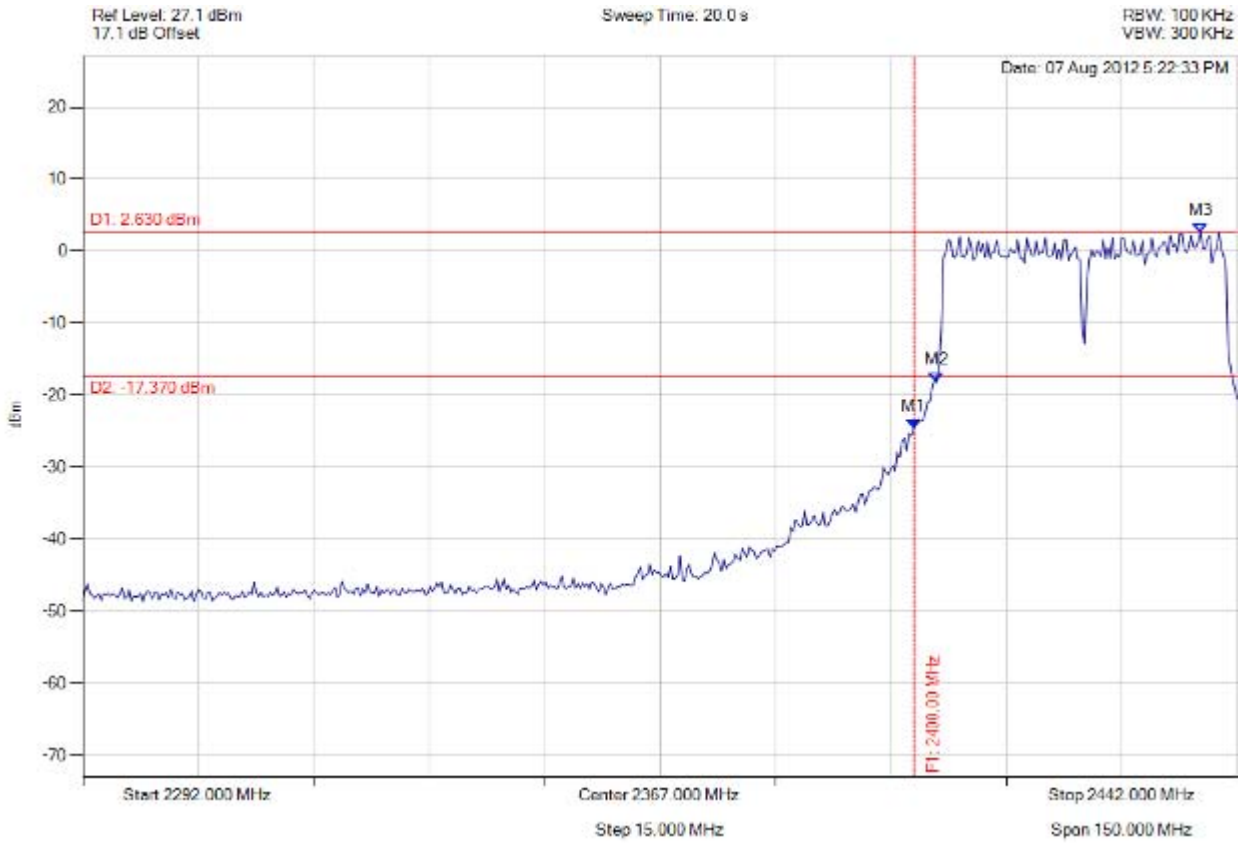
3x3 802.11n HT-40

**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2400.000 MHz : -24.645 dBm<br>M2 : 2402.922 MHz : -18.157 dBm<br>M3 : 2437.190 MHz : 2.630 dBm | Limit: -17.37 dBm<br>Margin: -7.27 dB |

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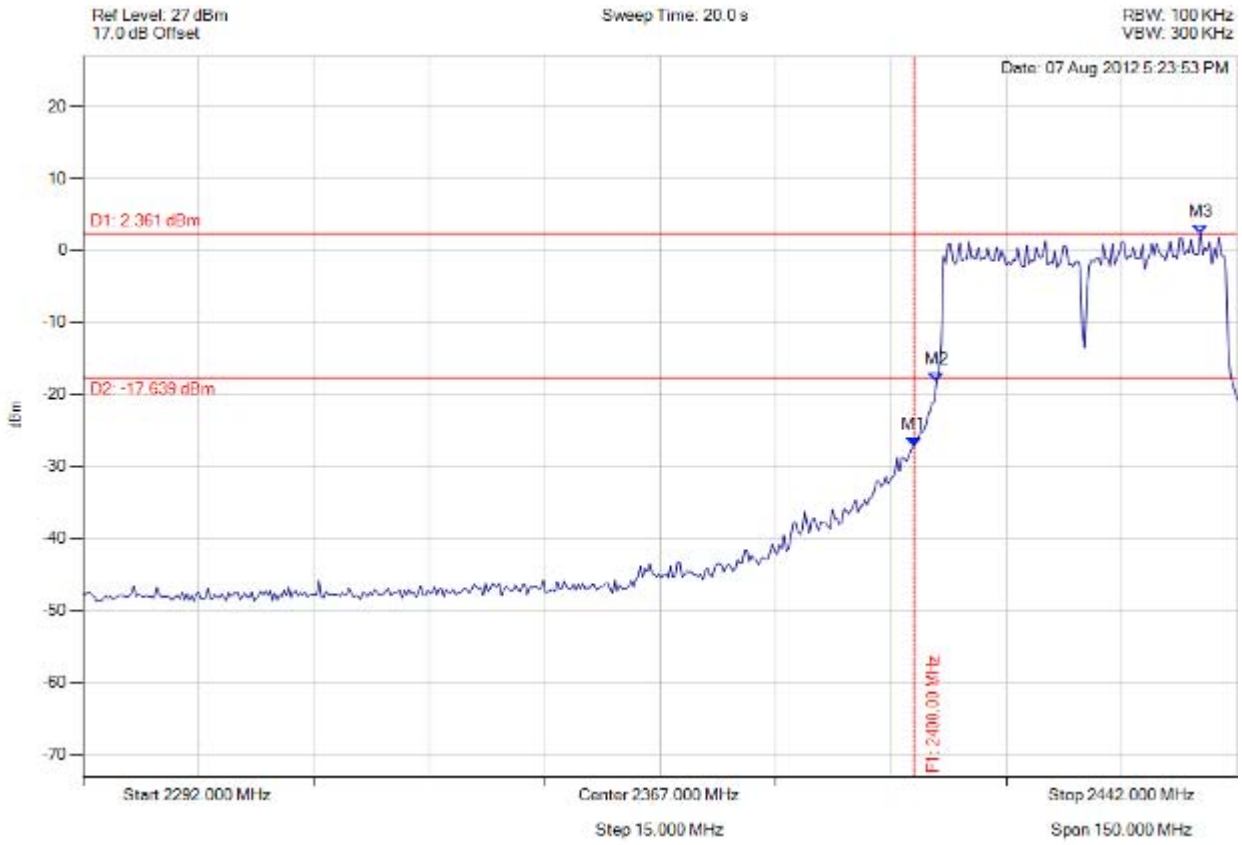
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2400.000 MHz : -27.197 dBm<br>M2 : 2402.922 MHz : -18.247 dBm<br>M3 : 2437.190 MHz : 2.361 dBm | Limit: -17.64 dBm<br>Margin: -9.56 dB |

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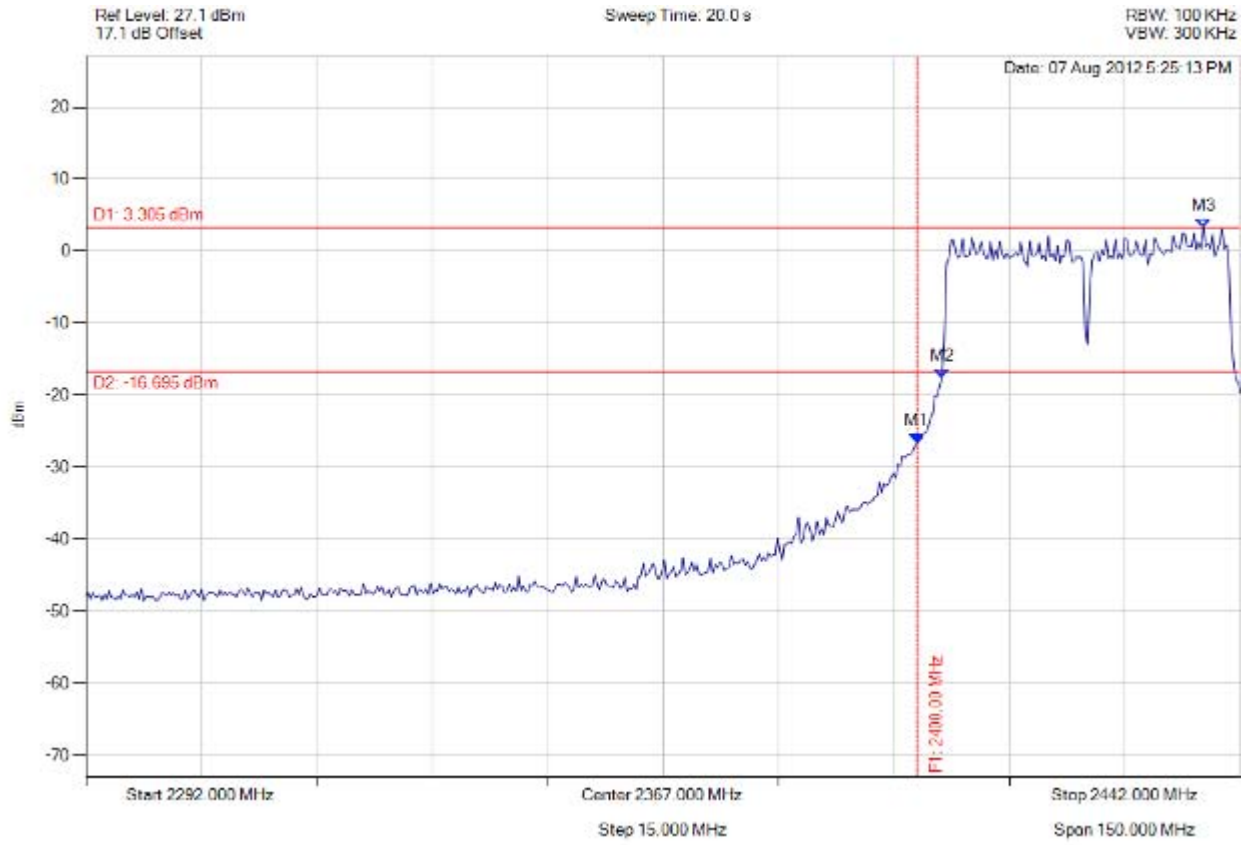
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2400.000 MHz : -26.652 dBm<br>M2 : 2403.222 MHz : -17.596 dBm<br>M3 : 2437.190 MHz : 3.305 dBm | Limit: -16.70 dBm<br>Margin: -9.95 dB |

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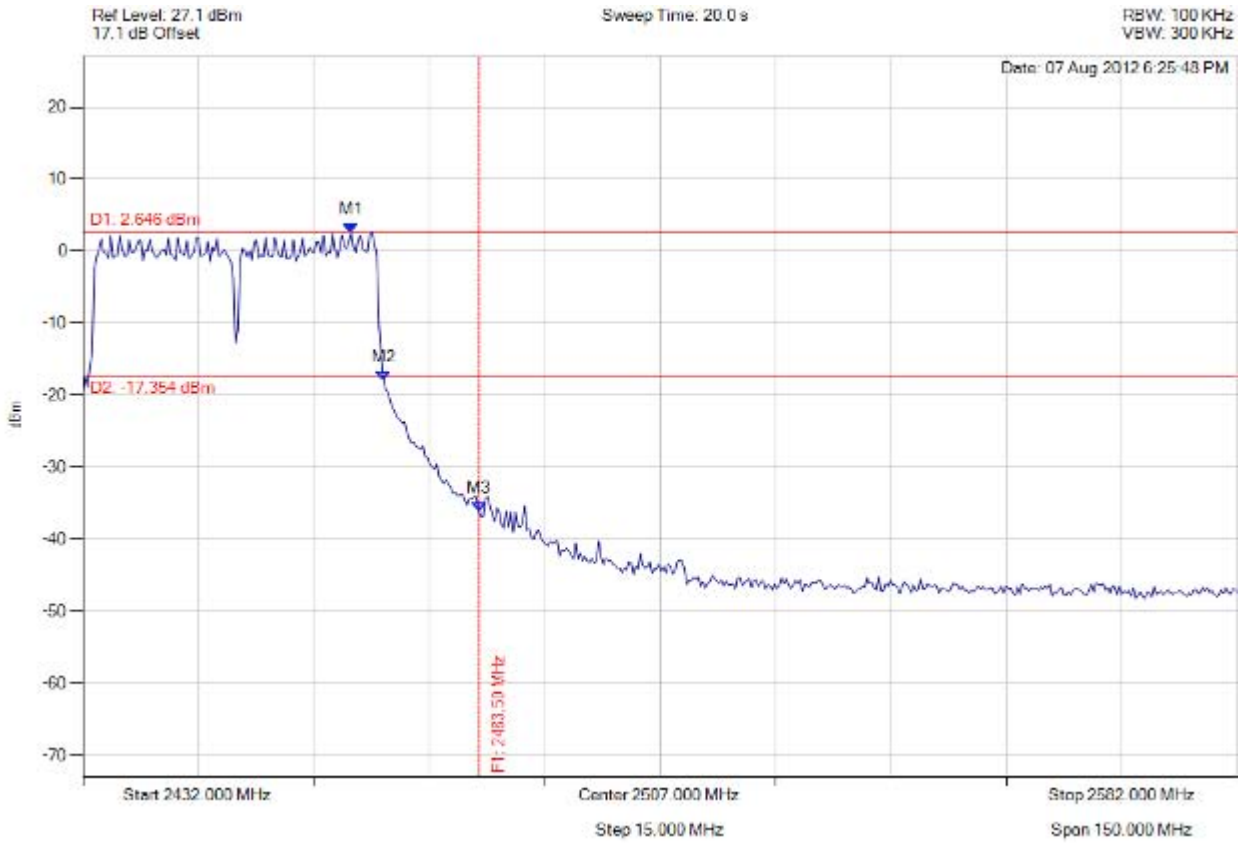
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2466.870 MHz : 2.646 dBm<br>M2 : 2471.078 MHz : -17.860 dBm<br>M3 : 2483.500 MHz : -36.040 dBm | Limit: -17.35 dBm<br>Margin: -18.69 dB |

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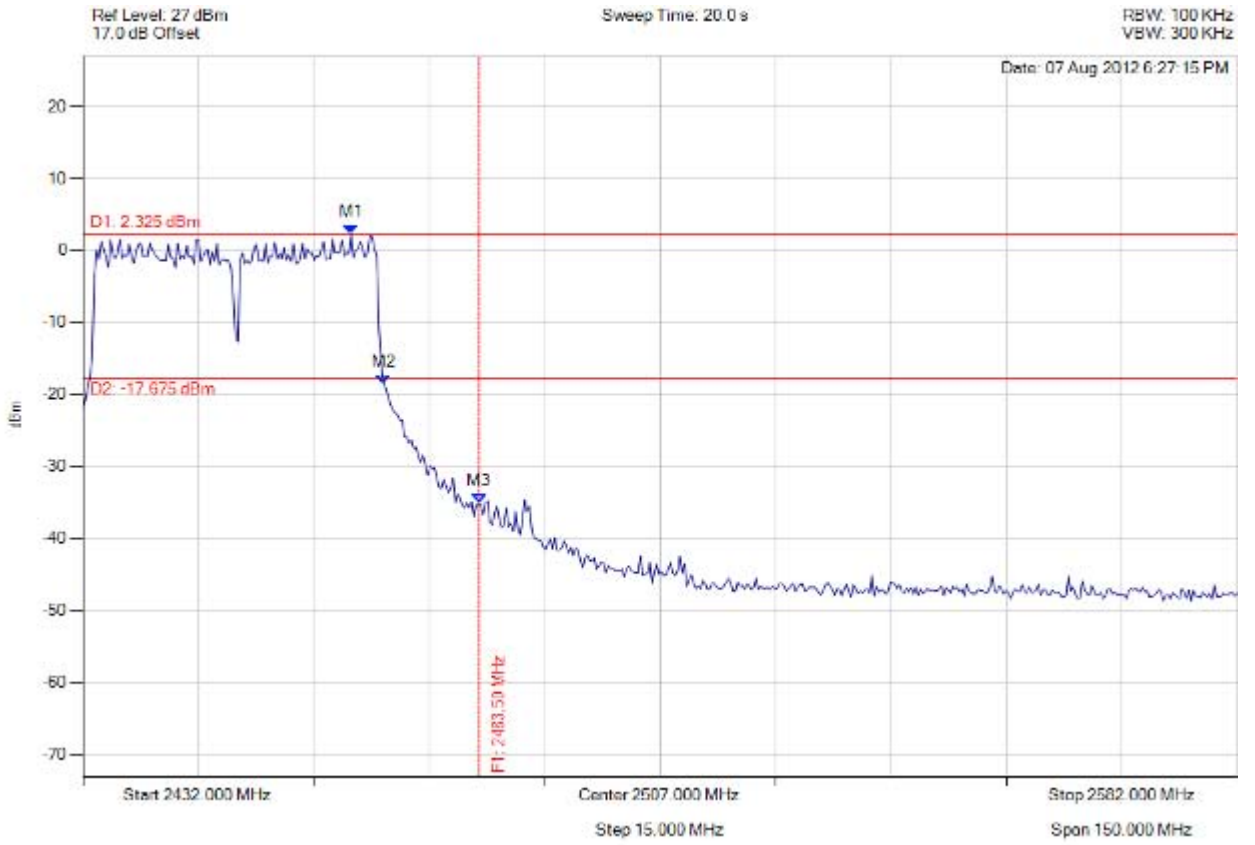
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2466.870 MHz : 2.325 dBm<br>M2 : 2471.078 MHz : -18.519 dBm<br>M3 : 2483.500 MHz : -35.054 dBm | Limit: -17.68 dBm<br>Margin: -17.37 dB |

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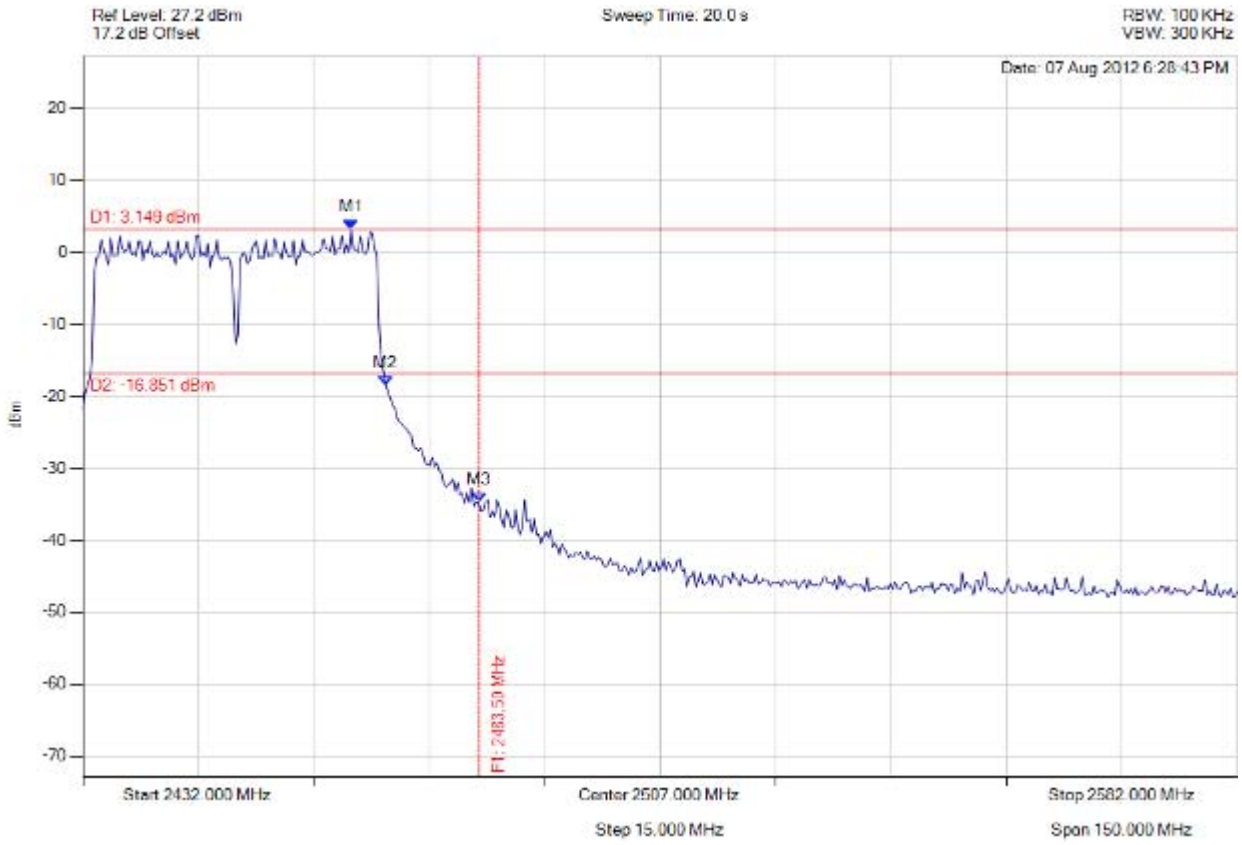
**bandedge**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2466.870 MHz : 3.149 dBm<br>M2 : 2471.379 MHz : -18.521 dBm<br>M3 : 2483.500 MHz : -34.768 dBm | Limit: -16.85 dBm<br>Margin: -17.92 dB |

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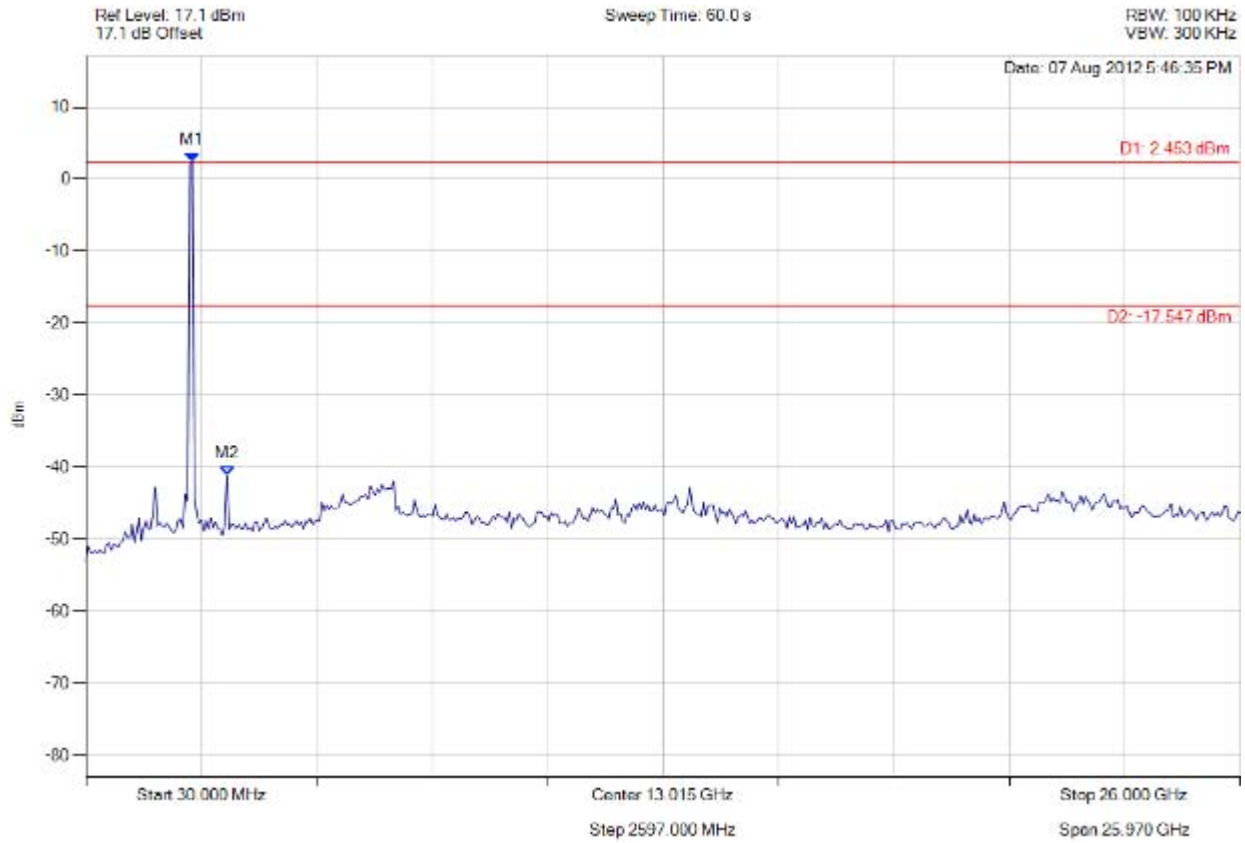
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 2.453 dBm<br>M2 : 3204.689 MHz : -41.083 dBm | Limit: -17.55 dBm<br>Margin: -23.53 dB |

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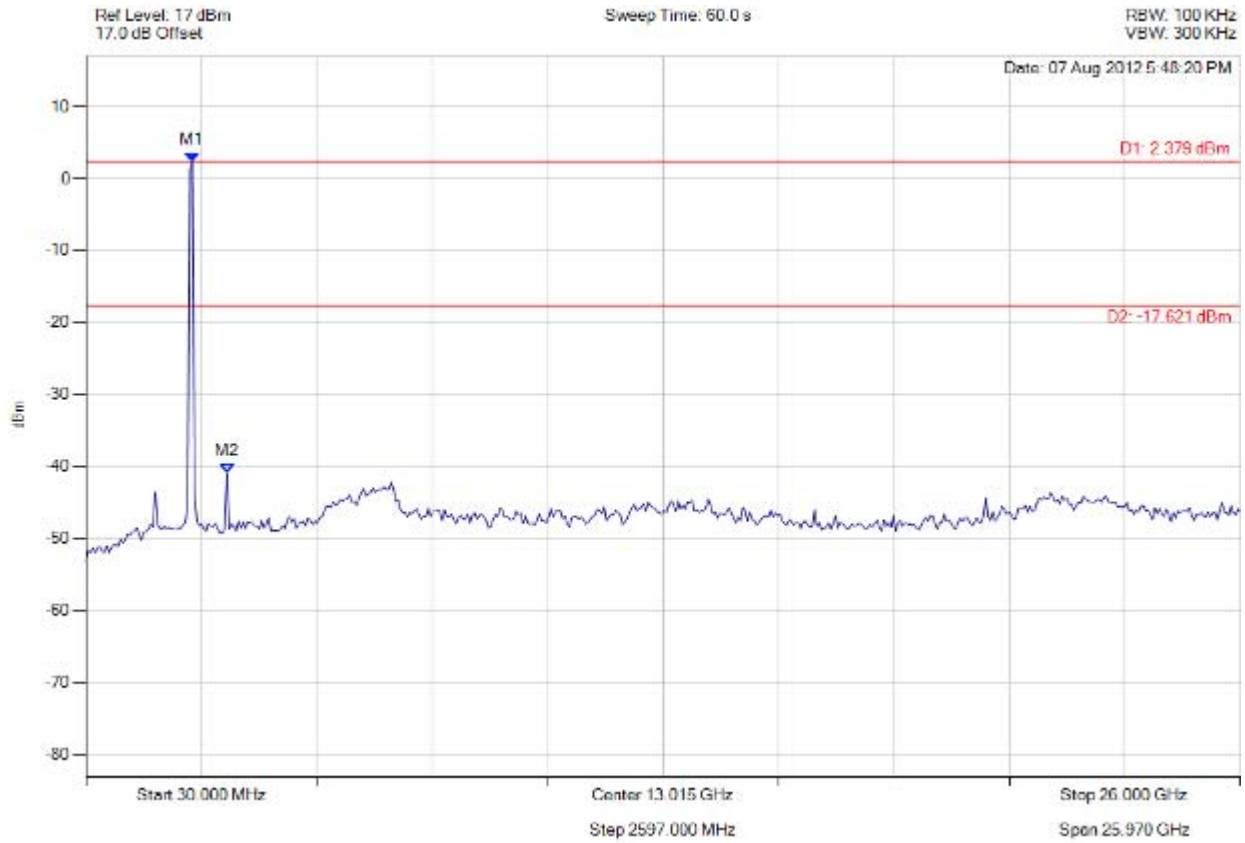
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 2.379 dBm<br>M2 : 3204.689 MHz : -40.882 dBm | Limit: -17.62 dBm<br>Margin: -23.26 dB |

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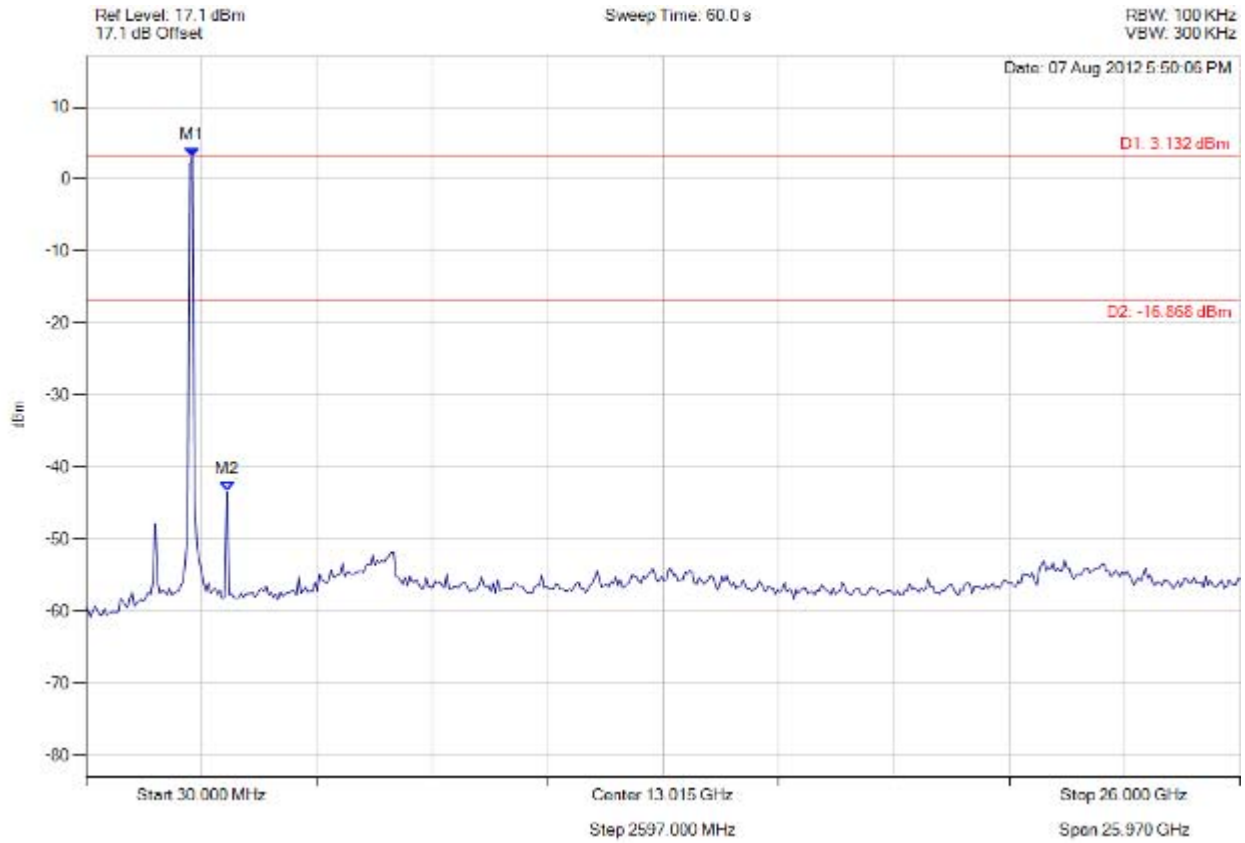
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 3.132 dBm<br>M2 : 3204.689 MHz : -43.367 dBm | Limit: -16.87 dBm<br>Margin: -26.50 dB |

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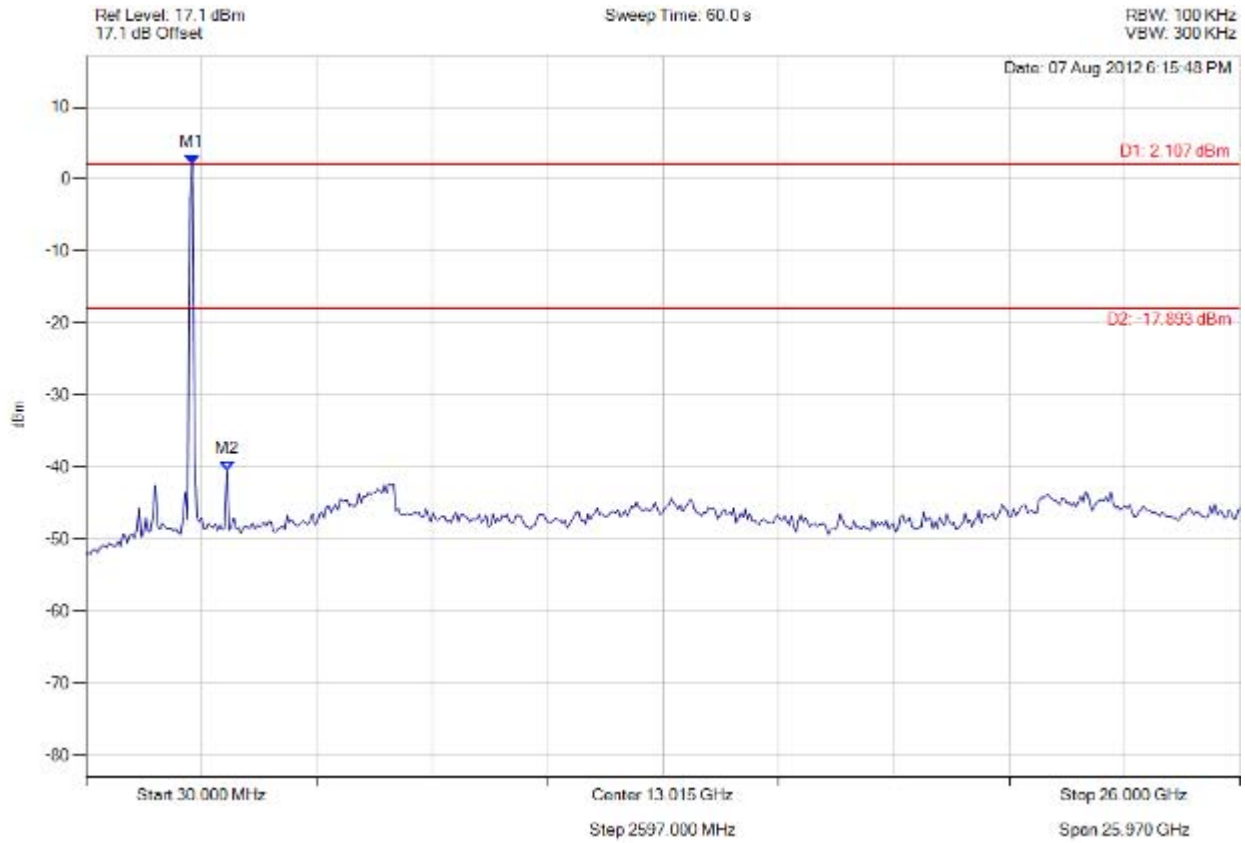
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 2.107 dBm<br>M2 : 3204.689 MHz : -40.443 dBm | Limit: -17.89 dBm<br>Margin: -22.55 dB |

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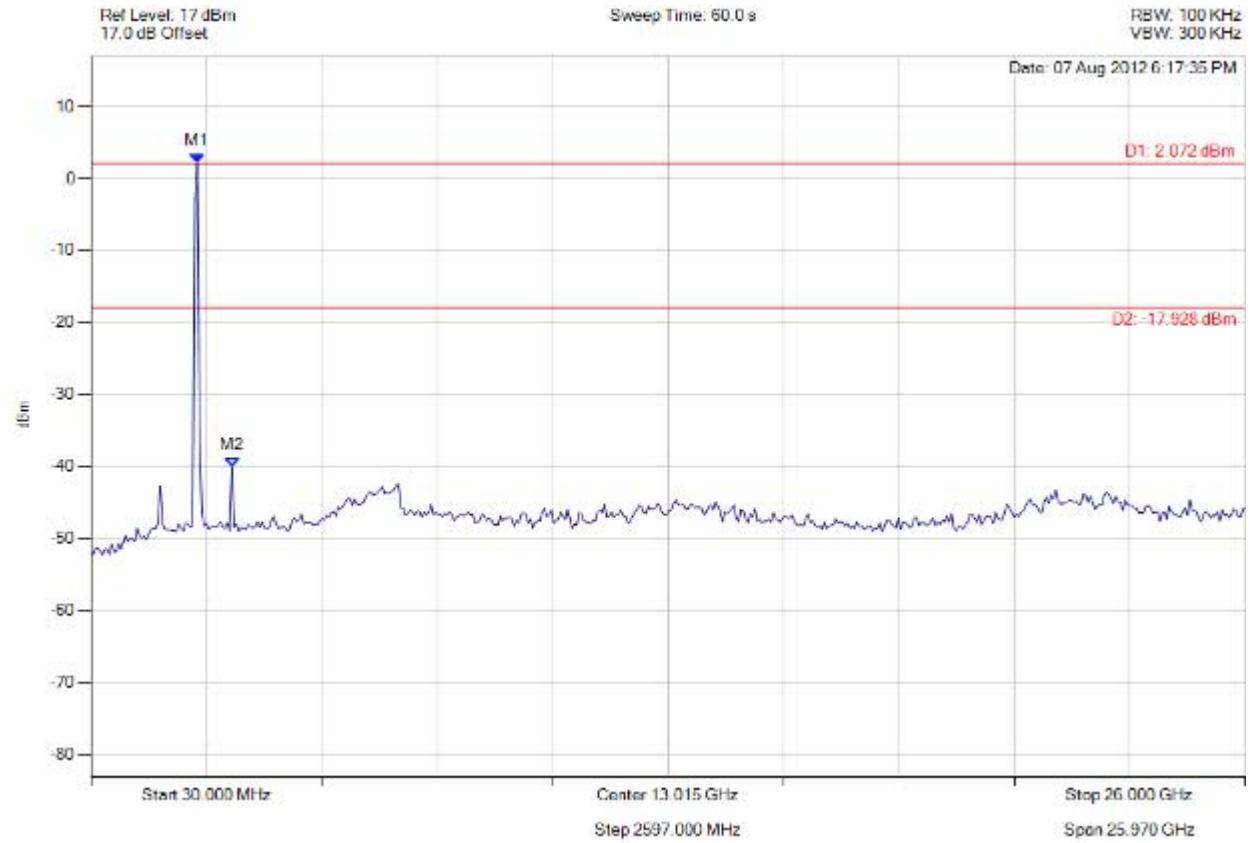
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 2.072 dBm<br>M2 : 3204.689 MHz : -39.994 dBm | Limit: -17.93 dBm<br>Margin: -22.06 dB |

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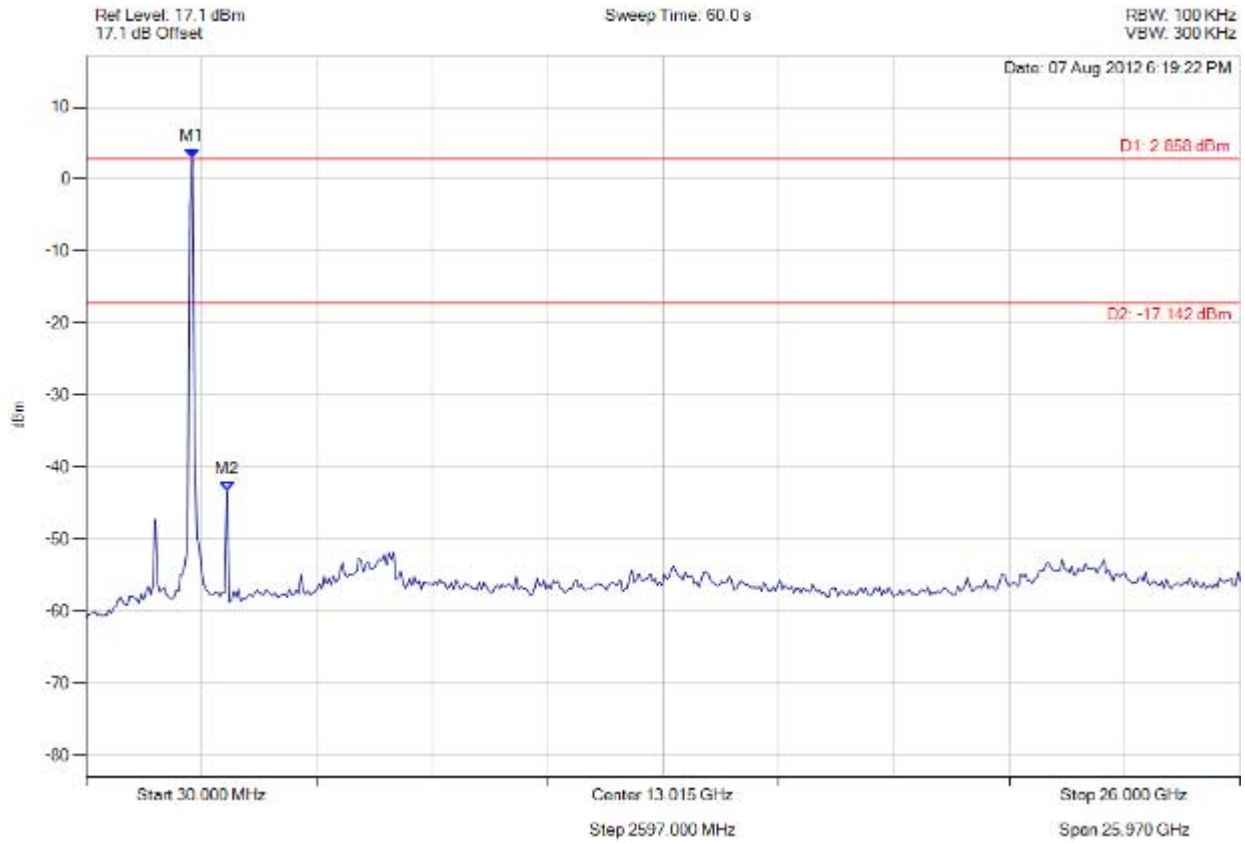
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 2.858 dBm<br>M2 : 3204.689 MHz : -43.227 dBm | Limit: -17.14 dBm<br>Margin: -26.09 dB |

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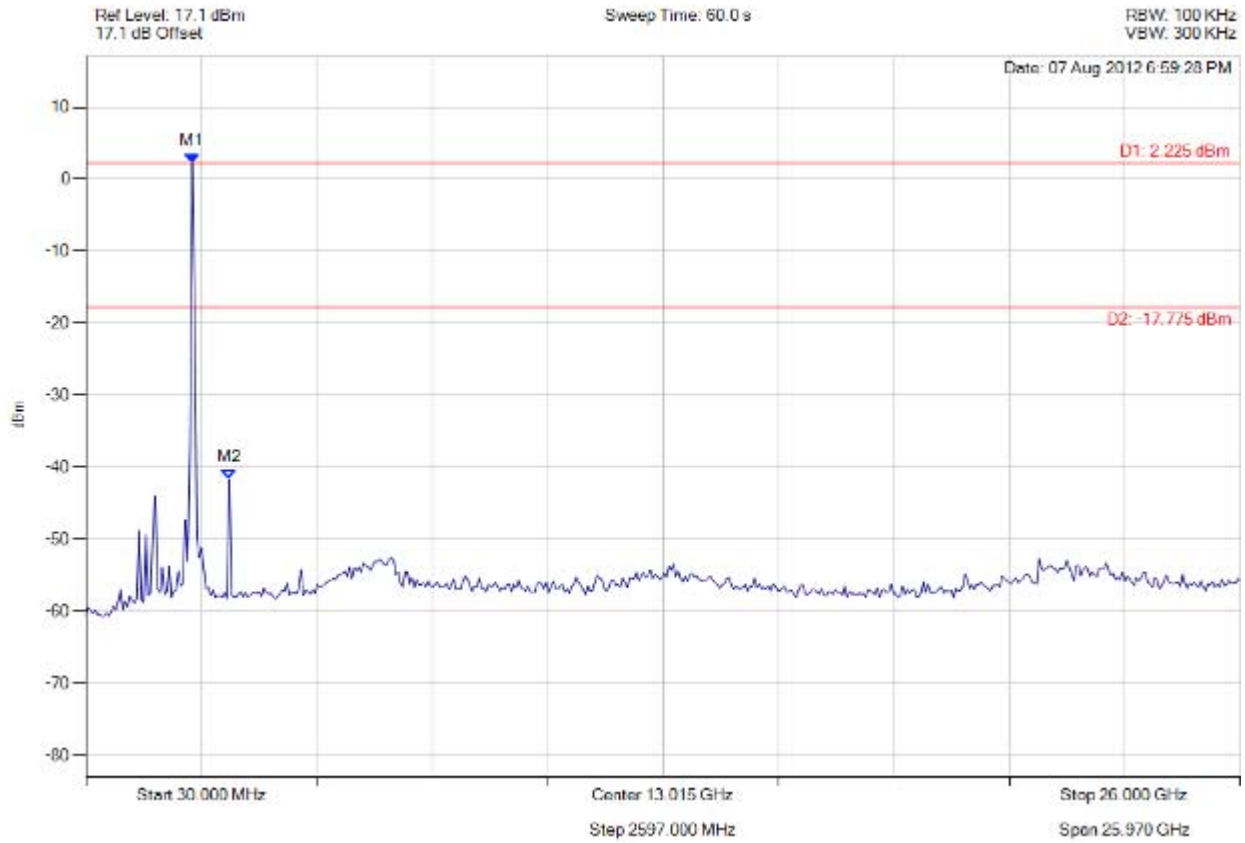
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 2.225 dBm<br>M2 : 3256.733 MHz : -41.669 dBm | Limit: -17.78 dBm<br>Margin: -23.89 dB |

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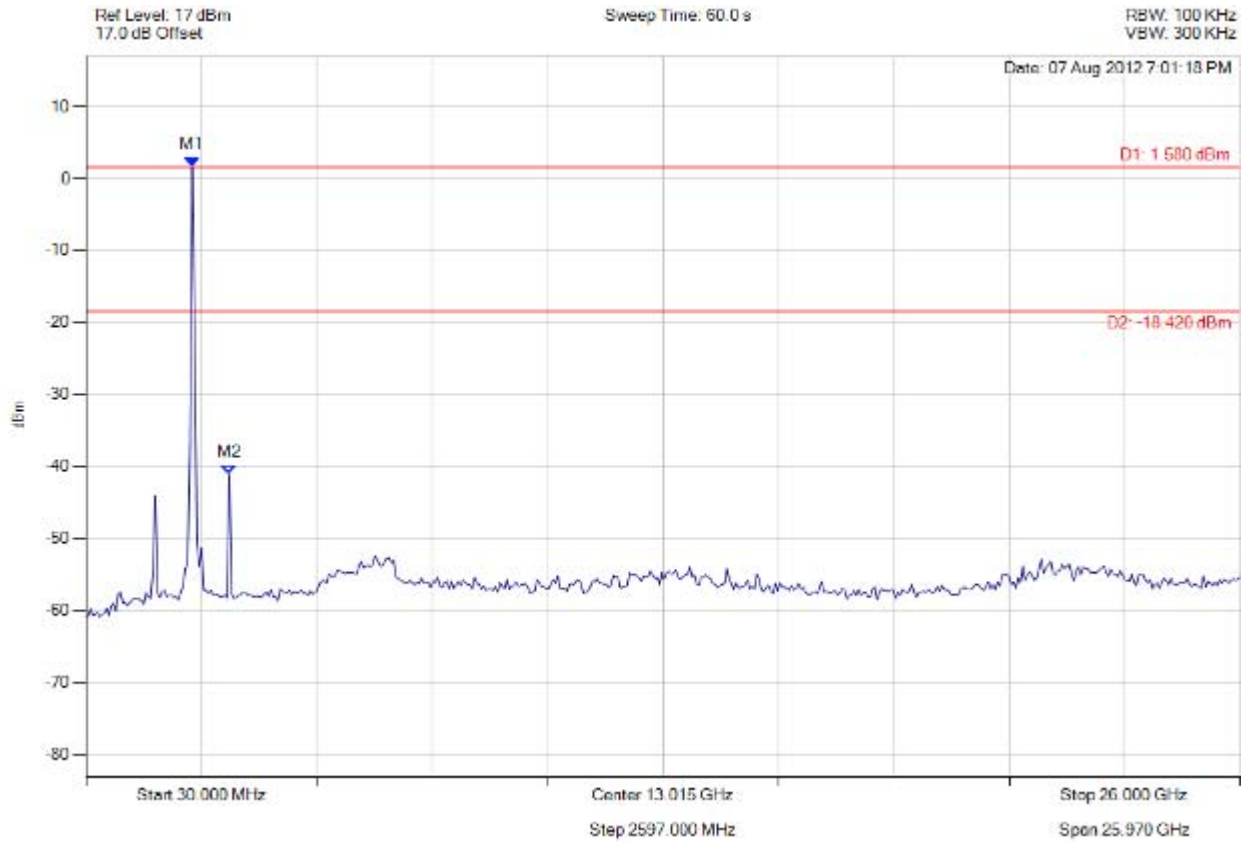
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 10<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 1.580 dBm<br>M2 : 3256.733 MHz : -41.088 dBm | Limit: -18.42 dBm<br>Margin: -22.67 dB |

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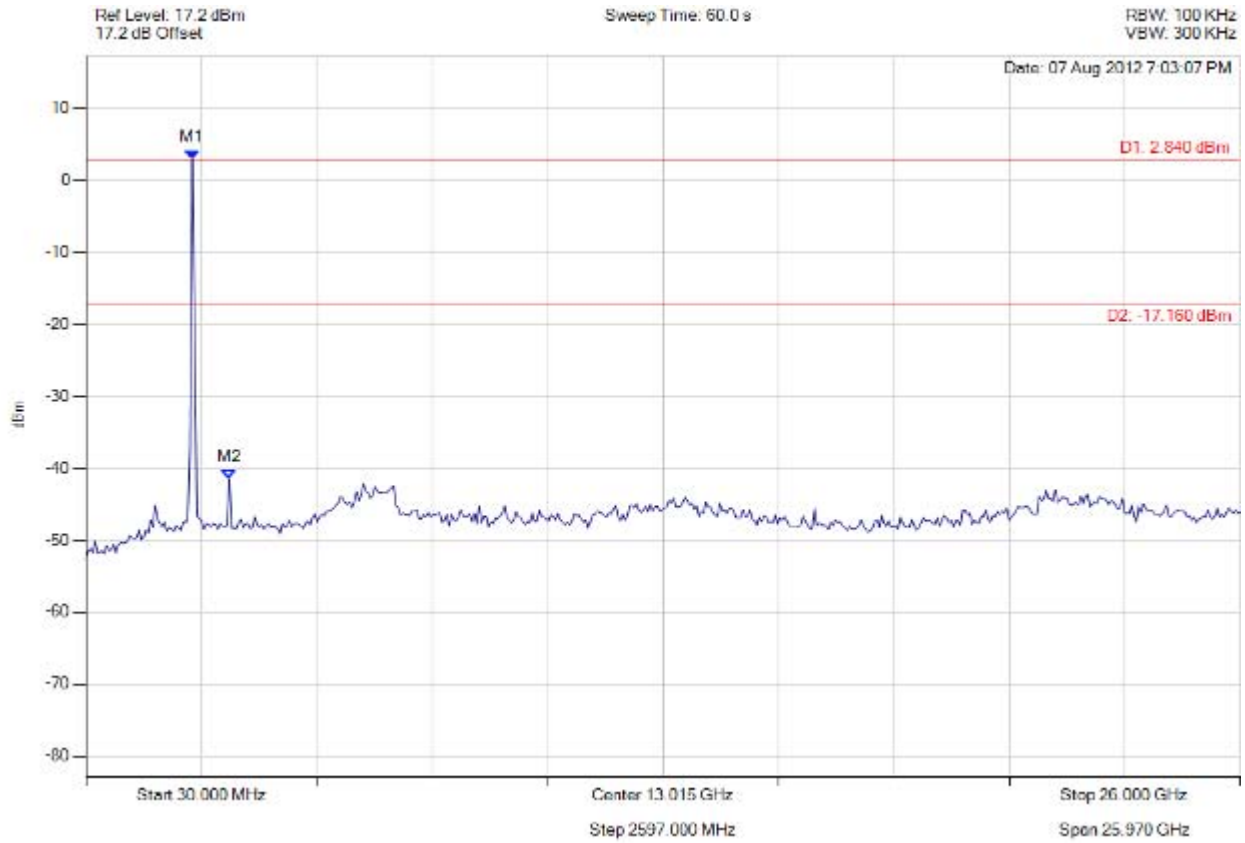
**con tx spr emissions**

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




| Analyser Setup | Marker : Frequency : Amplitude | Test Results |
|---|---|---|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 2424.028 MHz : 2.840 dBm<br>M2 : 3256.733 MHz : -41.537 dBm | Limit: -17.16 dBm<br>Margin: -24.38 dB |

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