

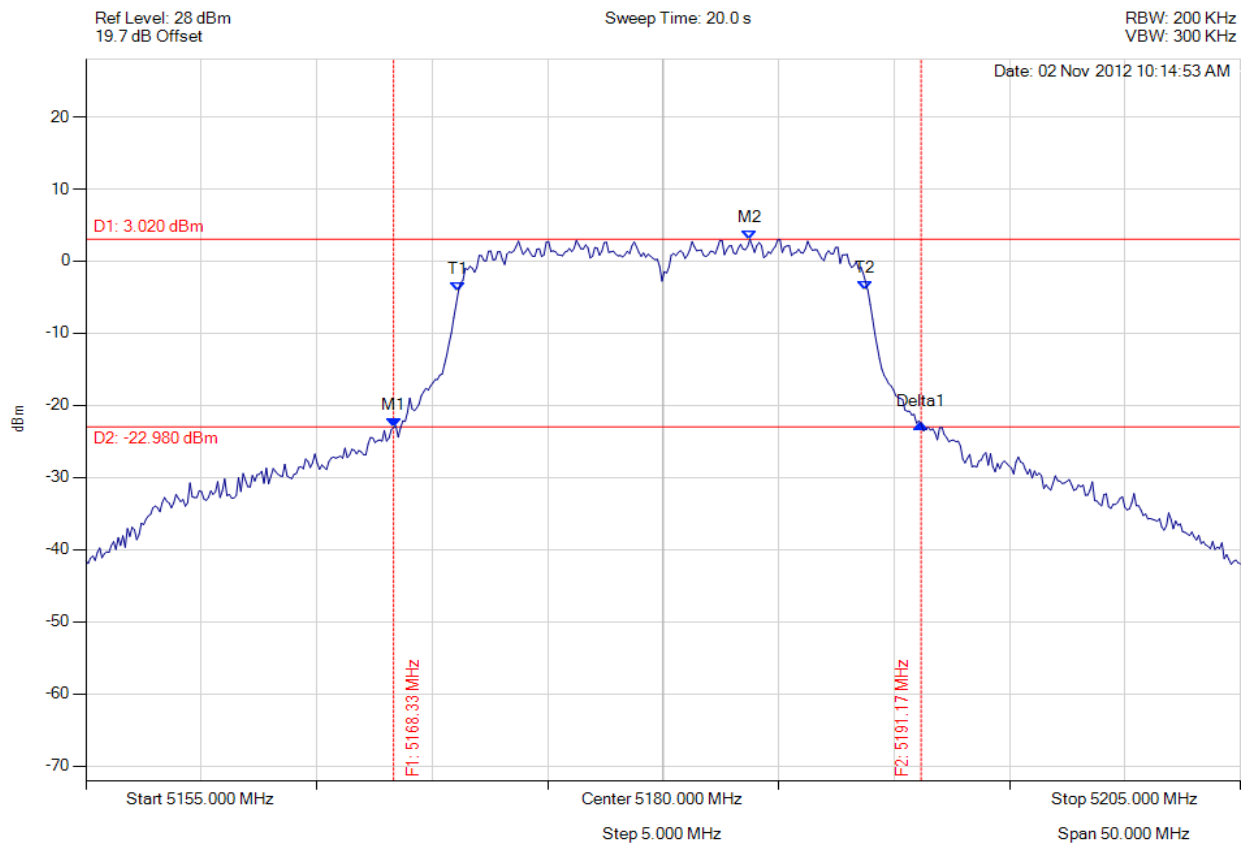


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
**To:** FCC 47 CFR Part 15.407 & IC RSS-210  
**Serial #:** DIGI28-U3B Rev B  
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**26 dB 99%**

Variant: 802.11n HT-20, Channel: 5180.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup  | Marker : Frequency : Amplitude   | Test Results   |
|---|--|--|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5168.327 MHz : -23.061 dBm<br>M2 : 5183.758 MHz : 3.020 dBm<br>Delta1 : 22.846 MHz : 0.521 dB<br>T1 : 5171.132 MHz : -4.174 dBm<br>T2 : 5188.768 MHz : -4.088 dBm<br>OBW : 17.735 MHz | Measured 26 dB Bandwidth: 22.846 MHz<br>Measured 99% Bandwidth: 17.735 MHz |

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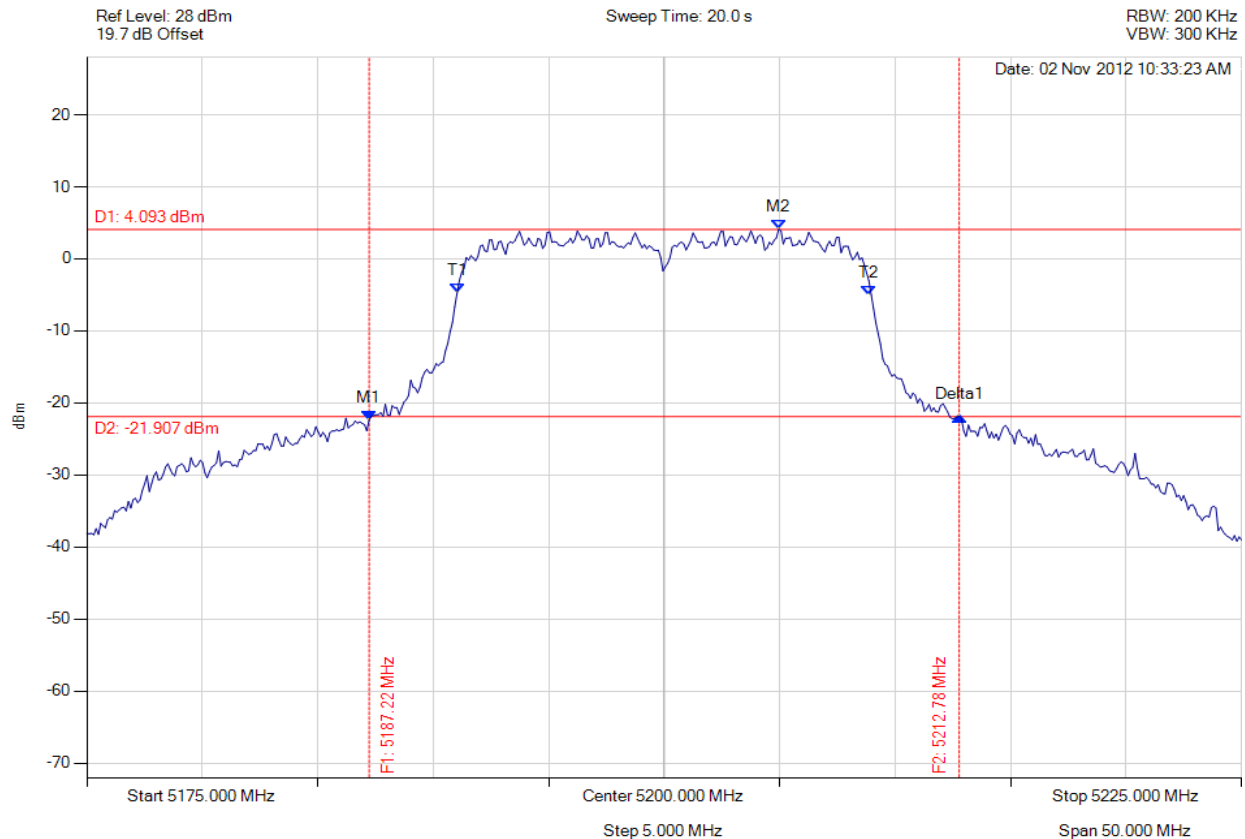


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**26 dB 99%**

Variant: 802.11n HT-20, Channel: 5200.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup  | Marker : Frequency : Amplitude   | Test Results   |
|---|--|--|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5187.224 MHz : -22.354 dBm<br>M2 : 5204.960 MHz : 4.093 dBm<br>Delta1 : 25.551 MHz : 0.519 dB<br>T1 : 5191.032 MHz : -4.778 dBm<br>T2 : 5208.868 MHz : -5.014 dBm<br>OBW : 17.936 MHz | Measured 26 dB Bandwidth: 25.551 MHz<br>Measured 99% Bandwidth: 17.936 MHz |

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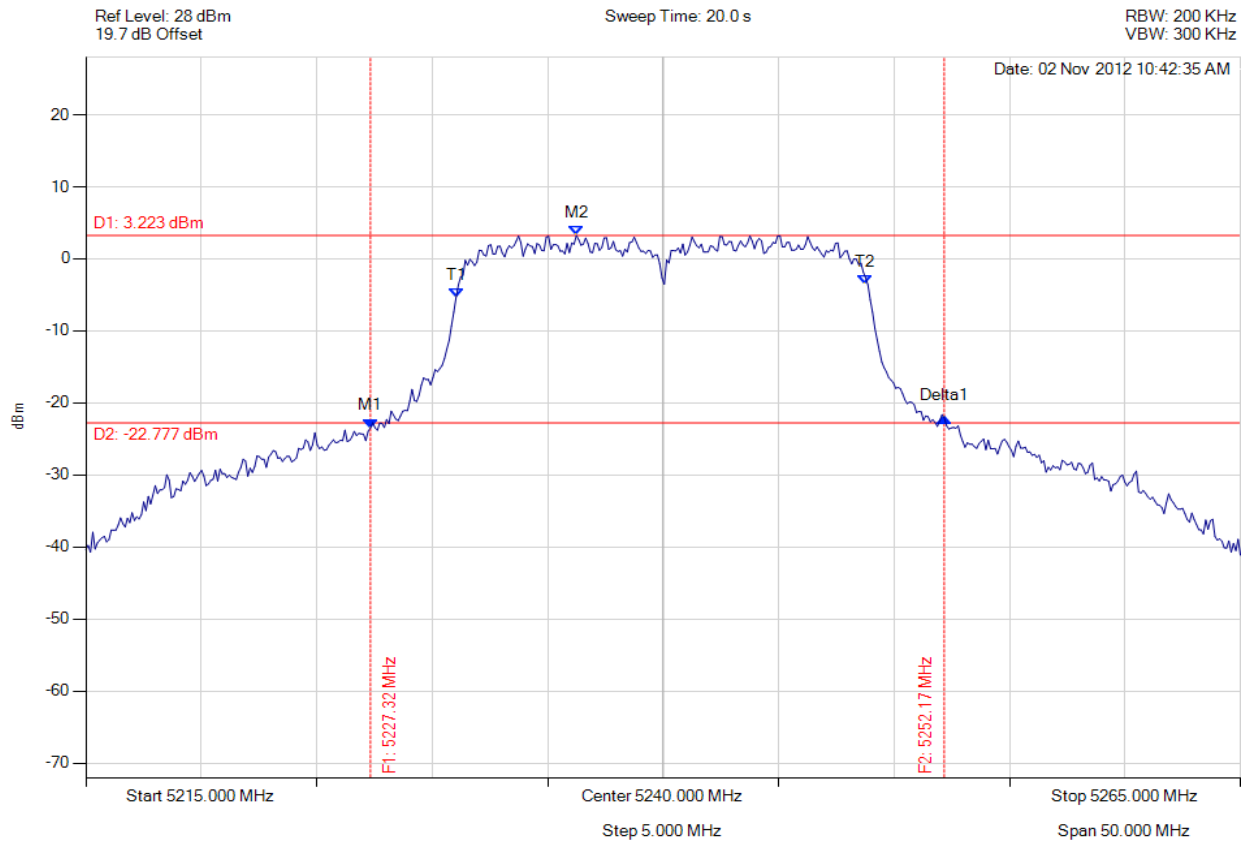


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**26 dB 99%**

Variant: 802.11n HT-20, Channel: 5240.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup  | Marker : Frequency : Amplitude   | Test Results   |
|---|--|--|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5227.325 MHz : -23.470 dBm<br>M2 : 5236.242 MHz : 3.223 dBm<br>Delta1 : 24.850 MHz : 1.428 dB<br>T1 : 5231.032 MHz : -5.372 dBm<br>T2 : 5248.768 MHz : -3.586 dBm<br>OBW : 17.836 MHz | Measured 26 dB Bandwidth: 24.850 MHz<br>Measured 99% Bandwidth: 17.836 MHz |

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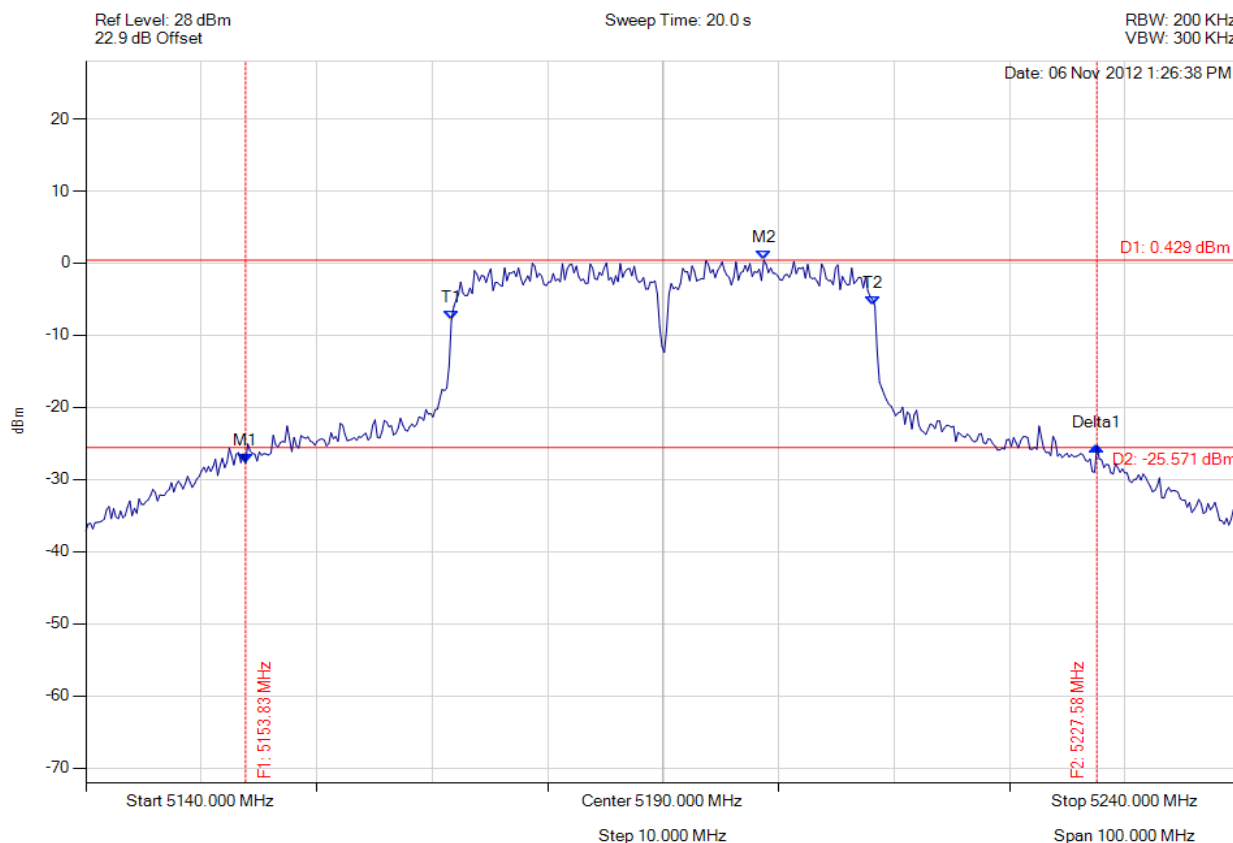


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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### 26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5190.00 MHz, Chain a, Temp: Ambient, Voltage: 5 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 : 5153.828 MHz : -27.763 dBm<br>M2 : 5198.717 MHz : 0.429 dBm<br>Delta1 : 73.747 MHz : 2.463 dB<br>T1 : 5171.663 MHz : -7.894 dBm<br>T2 : 5208.136 MHz : -5.919 dBm<br>OBW : 36.673 MHz | Measured 26 dB Bandwidth: 73.747 MHz<br>Measured 99% Bandwidth: 36.673 MHz |

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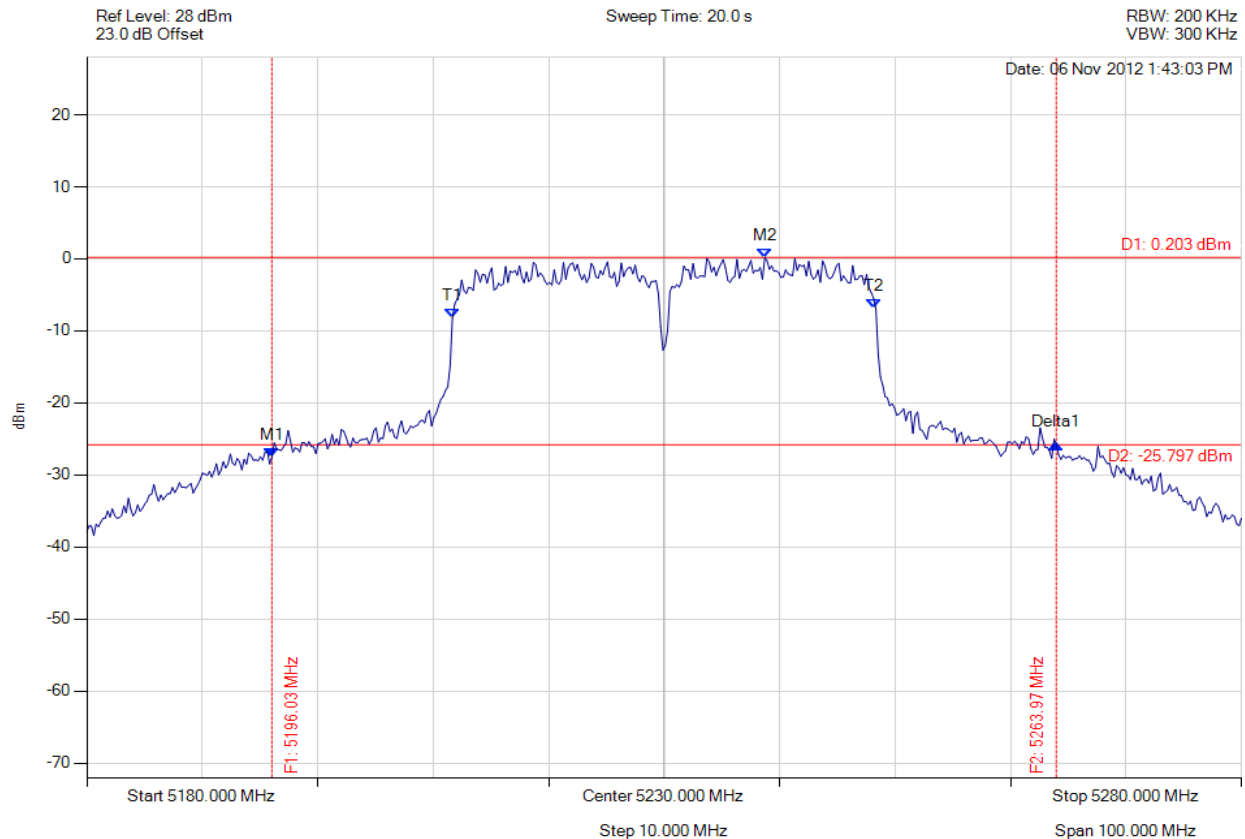


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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## 26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5230.00 MHz, Chain a, Temp: Ambient, Voltage: 5 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 : 5196.032 MHz : -27.517 dBm<br>M2 : 5238.717 MHz : 0.203 dBm<br>Delta1 : 67.936 MHz : 1.808 dB<br>T1 : 5211.663 MHz : -8.201 dBm<br>T2 : 5248.136 MHz : -6.901 dBm<br>OBW : 36.673 MHz | Measured 26 dB Bandwidth: 67.936 MHz<br>Measured 99% Bandwidth: 36.673 MHz |

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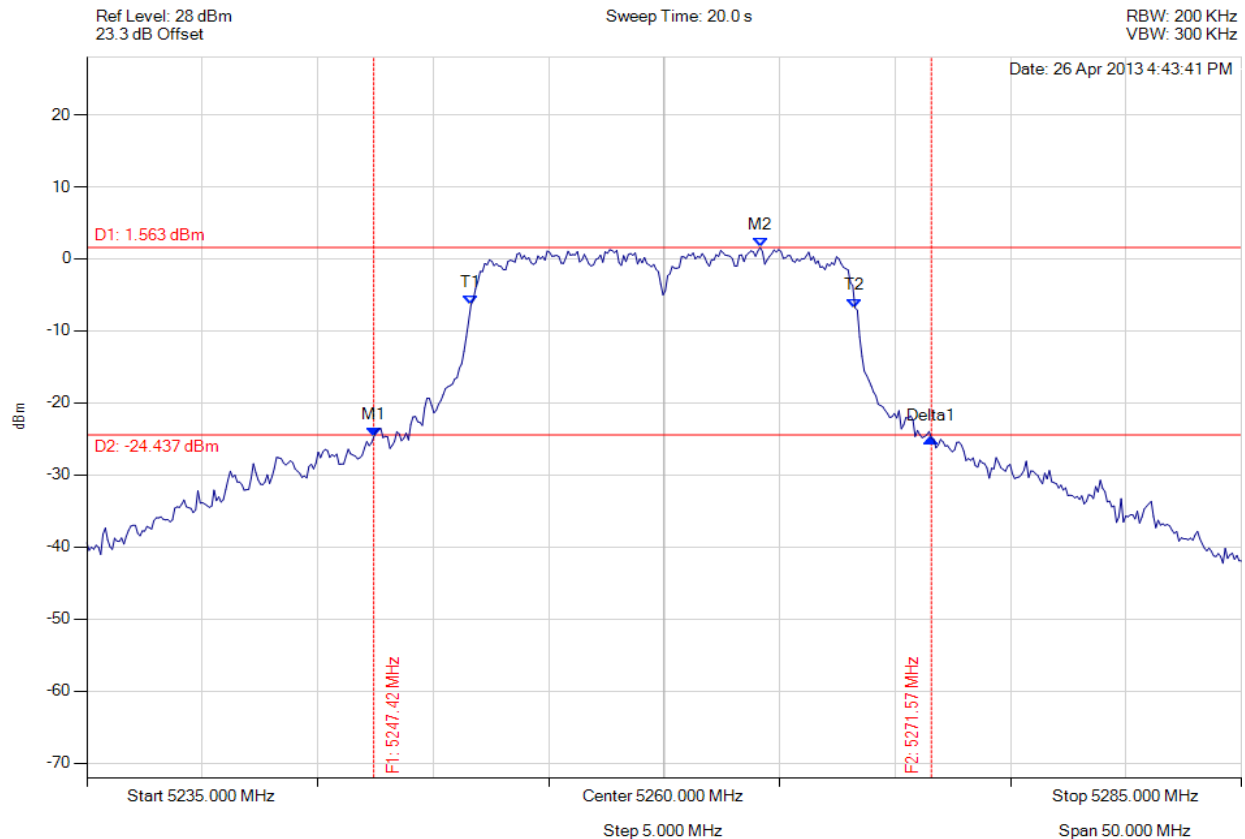


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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### 26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5260.00 MHz, Chain a, Temp: Ambient, Voltage: 5 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 : 5247.425 MHz : -24.731 dBm<br>M2 : 5264.158 MHz : 1.563 dBm<br>Delta1 : 24.148 MHz : -0.161 dB<br>T1 : 5251.633 MHz : -6.405 dBm<br>T2 : 5268.267 MHz : -6.787 dBm<br>OBW : 16.633 MHz | Measured 26 dB Bandwidth: 24.148 MHz<br>Measured 99% Bandwidth: 16.633 MHz |

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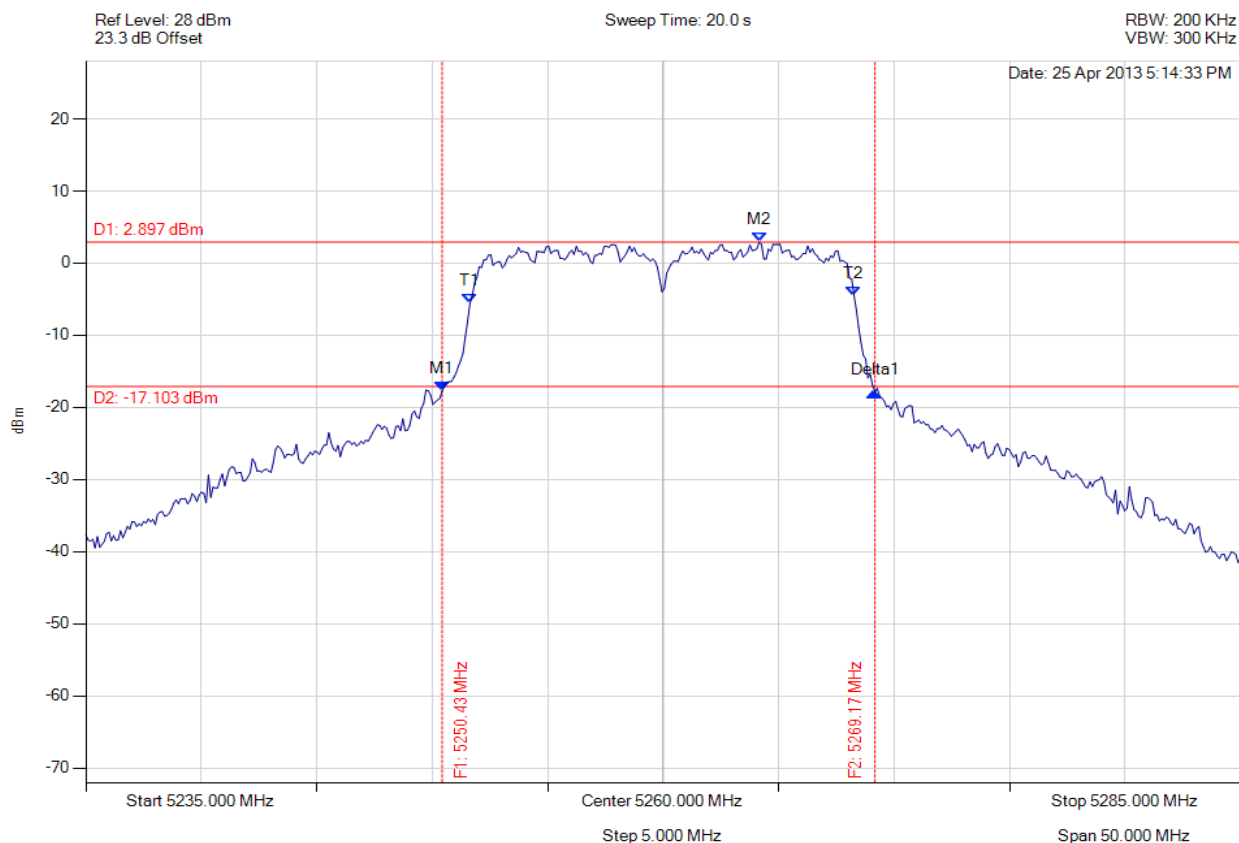


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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#### 20 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5260.00 MHz, Chain a, Temp: Ambient, Voltage: 5 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 : 5250.431 MHz : -17.727 dBm<br>M2 : 5264.158 MHz : 2.897 dBm<br>Delta1 : 18.737 MHz : -0.134 dB<br>T1 : 5251.633 MHz : -5.563 dBm<br>T2 : 5268.267 MHz : -4.483 dBm<br>OBW : 16.633 MHz | Measured 26 dB Bandwidth: 18.737 MHz<br>Measured 99% Bandwidth: 16.633 MHz |

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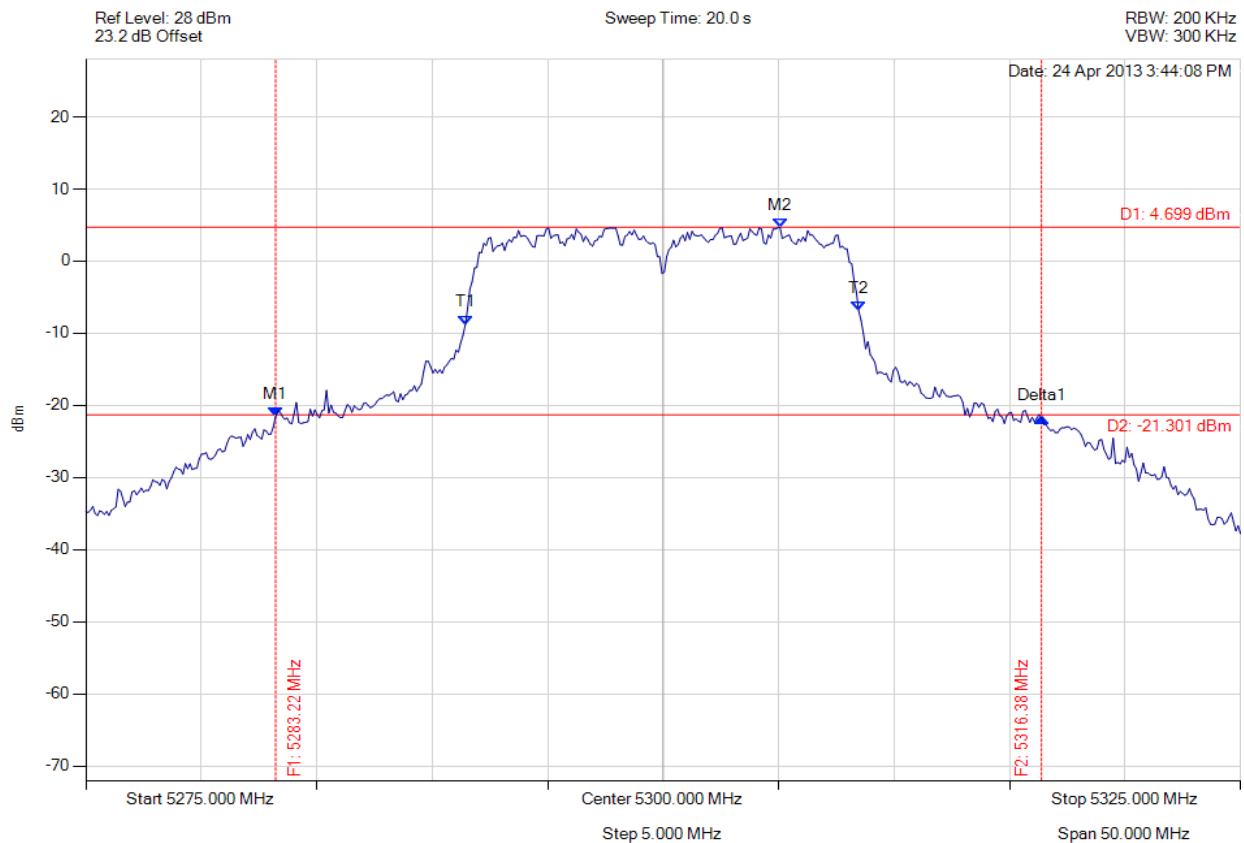


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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### 26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5300.00 MHz, Chain a, Temp: Ambient, Voltage: 5 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 : 5283.216 MHz : -21.560 dBm<br>M2 : 5305.060 MHz : 4.699 dBm<br>Delta1 : 33.166 MHz : -0.092 dB<br>T1 : 5291.433 MHz : -8.795 dBm<br>T2 : 5308.467 MHz : -6.895 dBm<br>OBW : 17.034 MHz | Measured 26 dB Bandwidth: 33.166 MHz<br>Measured 99% Bandwidth: 17.034 MHz |

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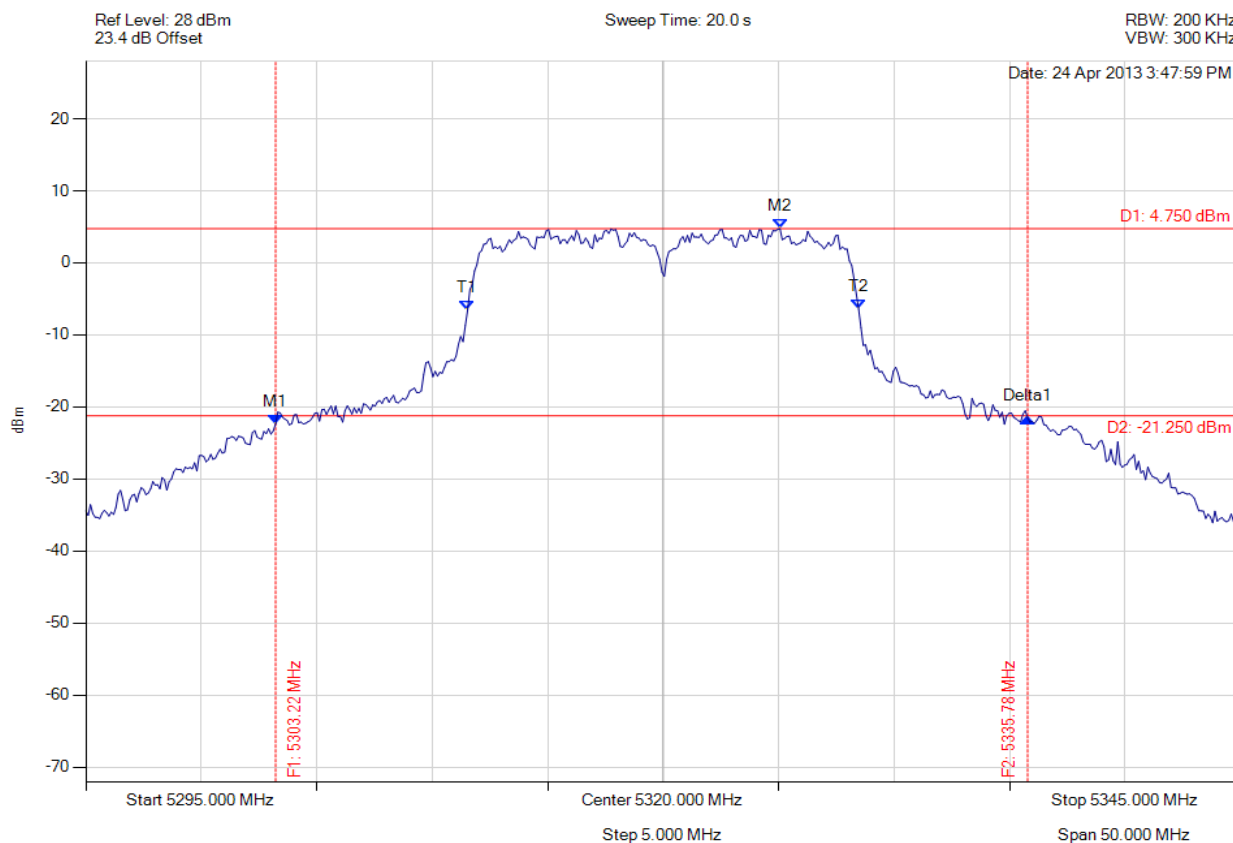


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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## 26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5320.00 MHz, Chain a, Temp: Ambient, Voltage: 5 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 : 5303.216 MHz : -22.349 dBm<br>M2 : 5325.060 MHz : 4.750 dBm<br>Delta1 : 32.565 MHz : 0.824 dB<br>T1 : 5311.533 MHz : -6.580 dBm<br>T2 : 5328.467 MHz : -6.423 dBm<br>OBW : 16.934 MHz | Measured 26 dB Bandwidth: 32.565 MHz<br>Measured 99% Bandwidth: 16.934 MHz |

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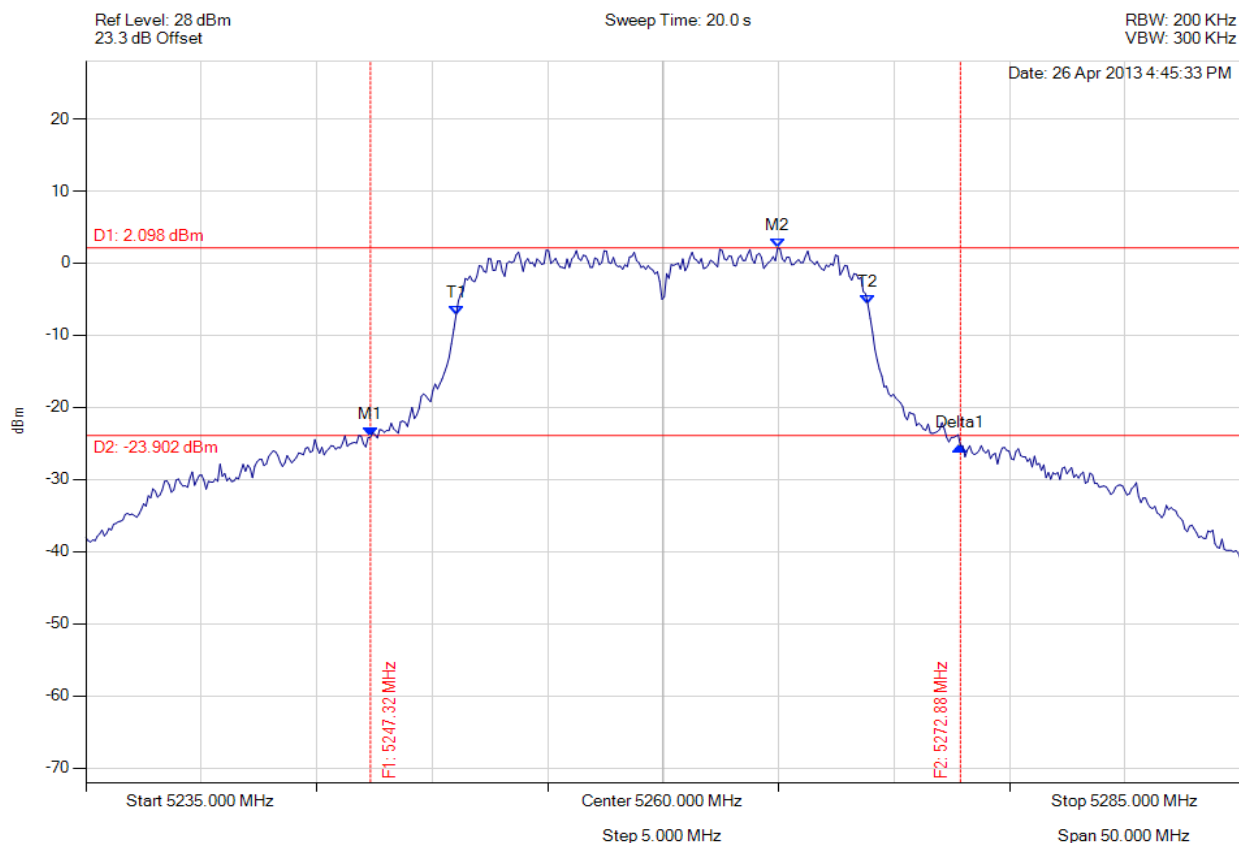


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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#### 26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5260.00 MHz, Chain a, Temp: Ambient, Voltage: 5 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 : 5247.325 MHz : -24.125 dBm<br>M2 : 5264.960 MHz : 2.098 dBm<br>Delta1 : 25.551 MHz : -1.178 dB<br>T1 : 5251.032 MHz : -7.210 dBm<br>T2 : 5268.868 MHz : -5.758 dBm<br>OBW : 17.836 MHz | Measured 26 dB Bandwidth: 25.551 MHz<br>Measured 99% Bandwidth: 17.836 MHz |

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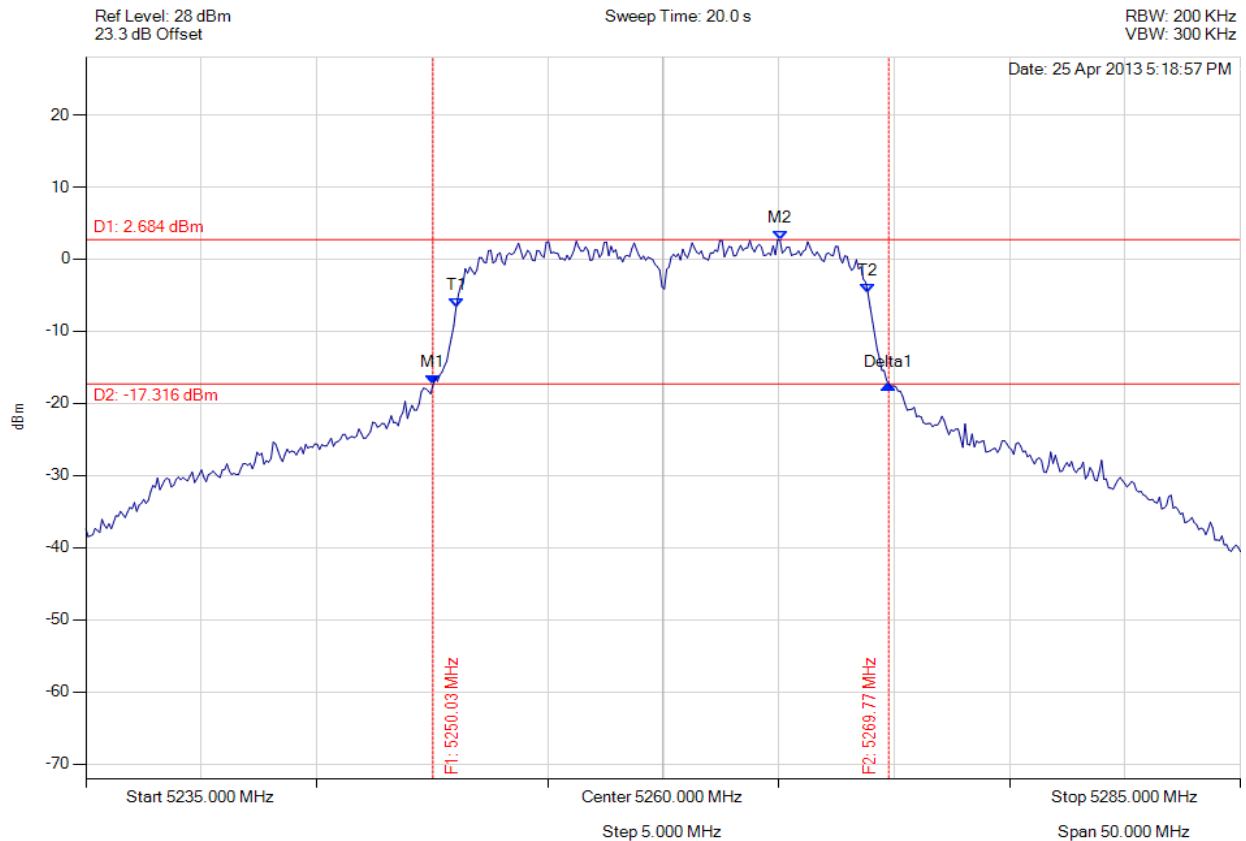


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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#### 20 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5260.00 MHz, Chain a, Temp: Ambient, Voltage: 5 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 : 5250.030 MHz : -17.446 dBm<br>M2 : 5265.060 MHz : 2.684 dBm<br>Delta1 : 19.739 MHz : 0.120 dB<br>T1 : 5251.032 MHz : -6.745 dBm<br>T2 : 5268.868 MHz : -4.729 dBm<br>OBW : 17.836 MHz | Measured 26 dB Bandwidth: 19.739 MHz<br>Measured 99% Bandwidth: 17.836 MHz |

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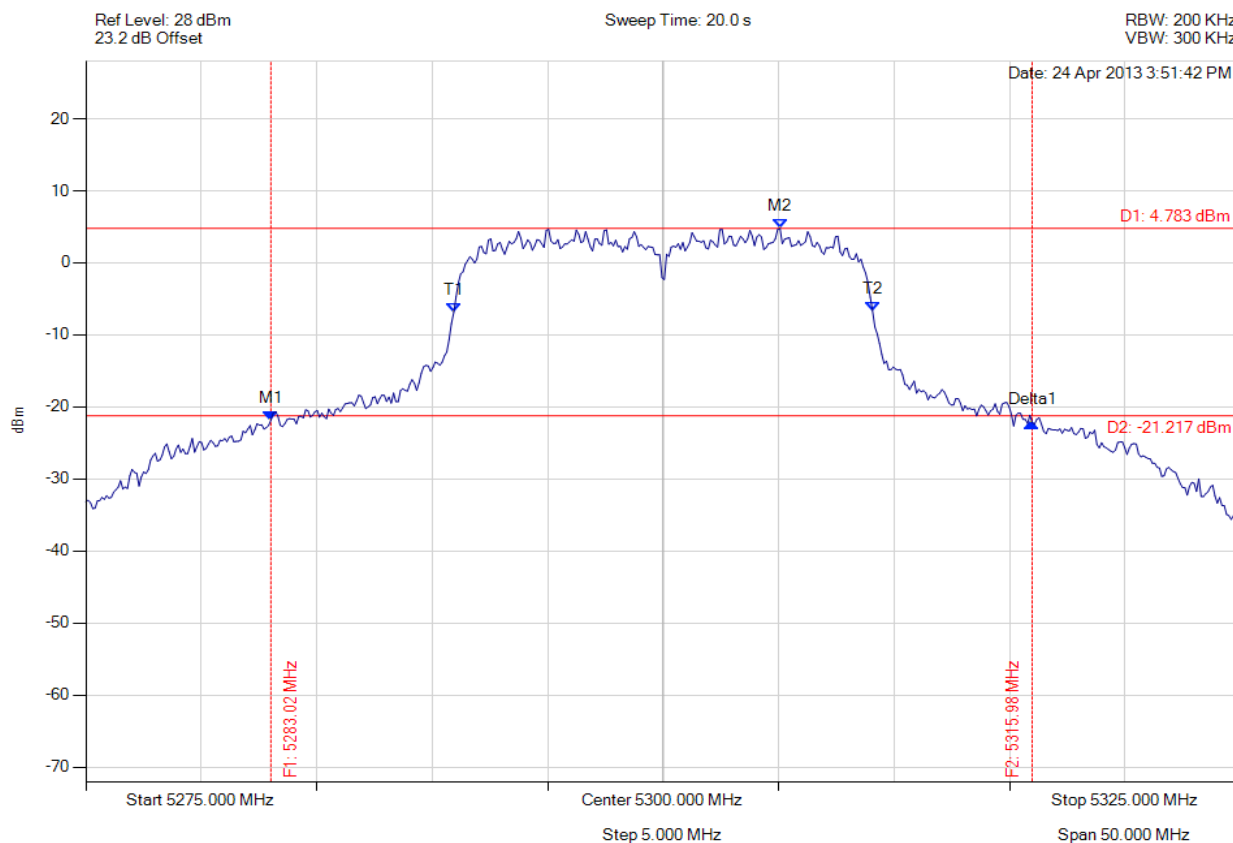


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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### 26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5300.00 MHz, Chain a, Temp: Ambient, Voltage: 5 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 : 5283.016 MHz : -21.831 dBm<br>M2 : 5305.060 MHz : 4.783 dBm<br>Delta1 : 32.966 MHz : -0.305 dB<br>T1 : 5290.932 MHz : -6.879 dBm<br>T2 : 5309.068 MHz : -6.694 dBm<br>OBW : 18.136 MHz | Measured 26 dB Bandwidth: 32.966 MHz<br>Measured 99% Bandwidth: 18.136 MHz |

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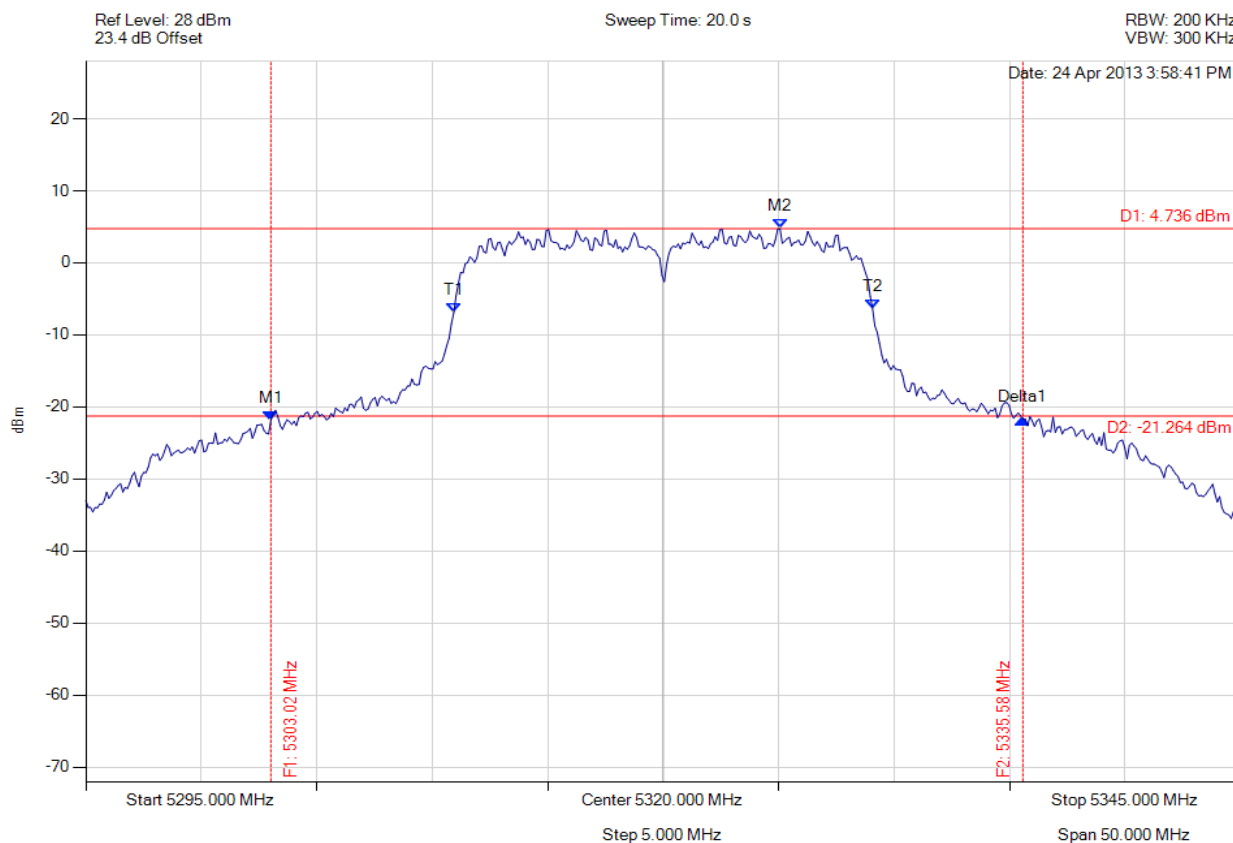


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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### 26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5320.00 MHz, Chain a, Temp: Ambient, Voltage: 5 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 : 5303.016 MHz : -21.821 dBm<br>M2 : 5325.060 MHz : 4.736 dBm<br>Delta1 : 32.565 MHz : 0.122 dB<br>T1 : 5310.932 MHz : -6.913 dBm<br>T2 : 5329.068 MHz : -6.346 dBm<br>OBW : 18.136 MHz | Measured 26 dB Bandwidth: 32.565 MHz<br>Measured 99% Bandwidth: 18.136 MHz |

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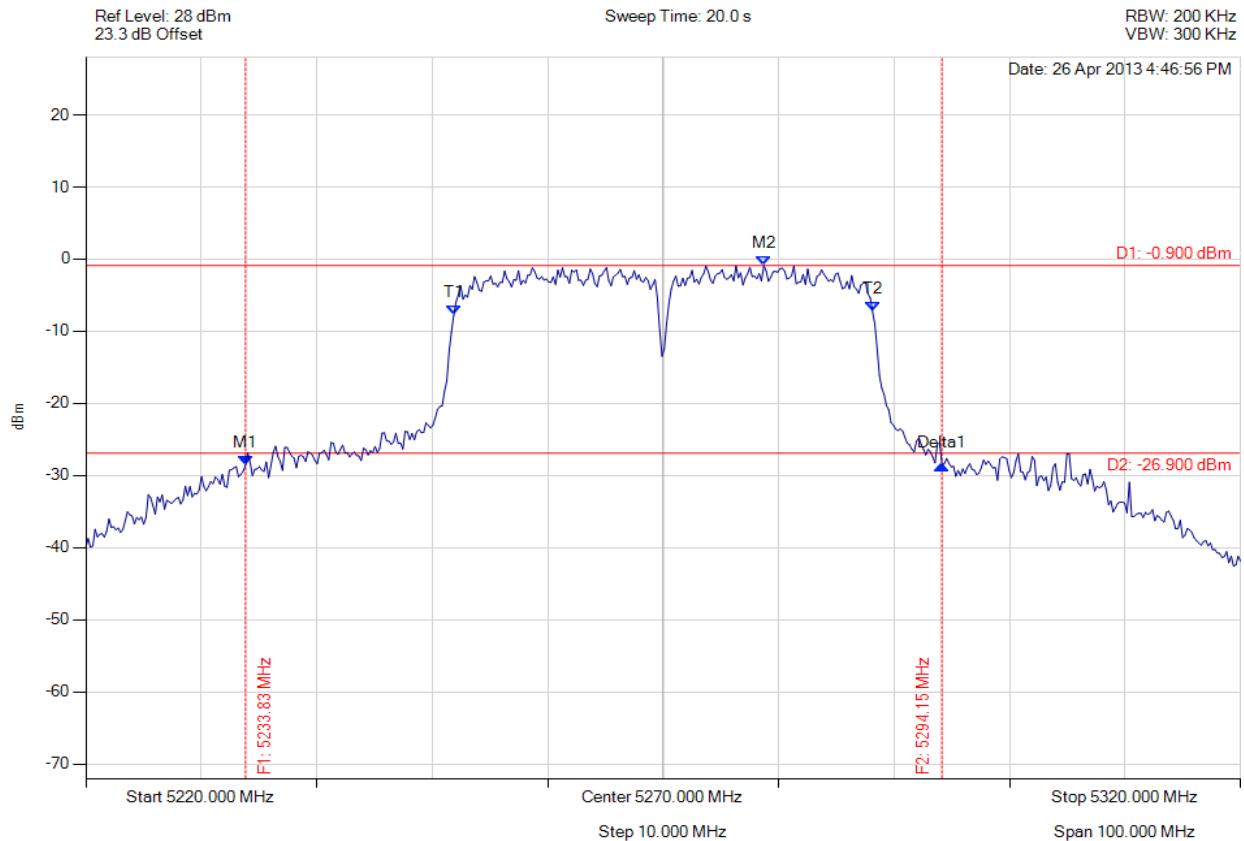


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#### 26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5270.00 MHz, Chain a, Temp: Ambient, Voltage: 5 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 : 5233.828 MHz : -28.536 dBm<br>M2 : 5278.717 MHz : -0.900 dBm<br>Delta1 : 60.321 MHz : -0.004 dB<br>T1 : 5251.864 MHz : -7.753 dBm<br>T2 : 5288.136 MHz : -7.261 dBm<br>OBW : 36.273 MHz | Measured 26 dB Bandwidth: 60.321 MHz<br>Measured 99% Bandwidth: 36.273 MHz |

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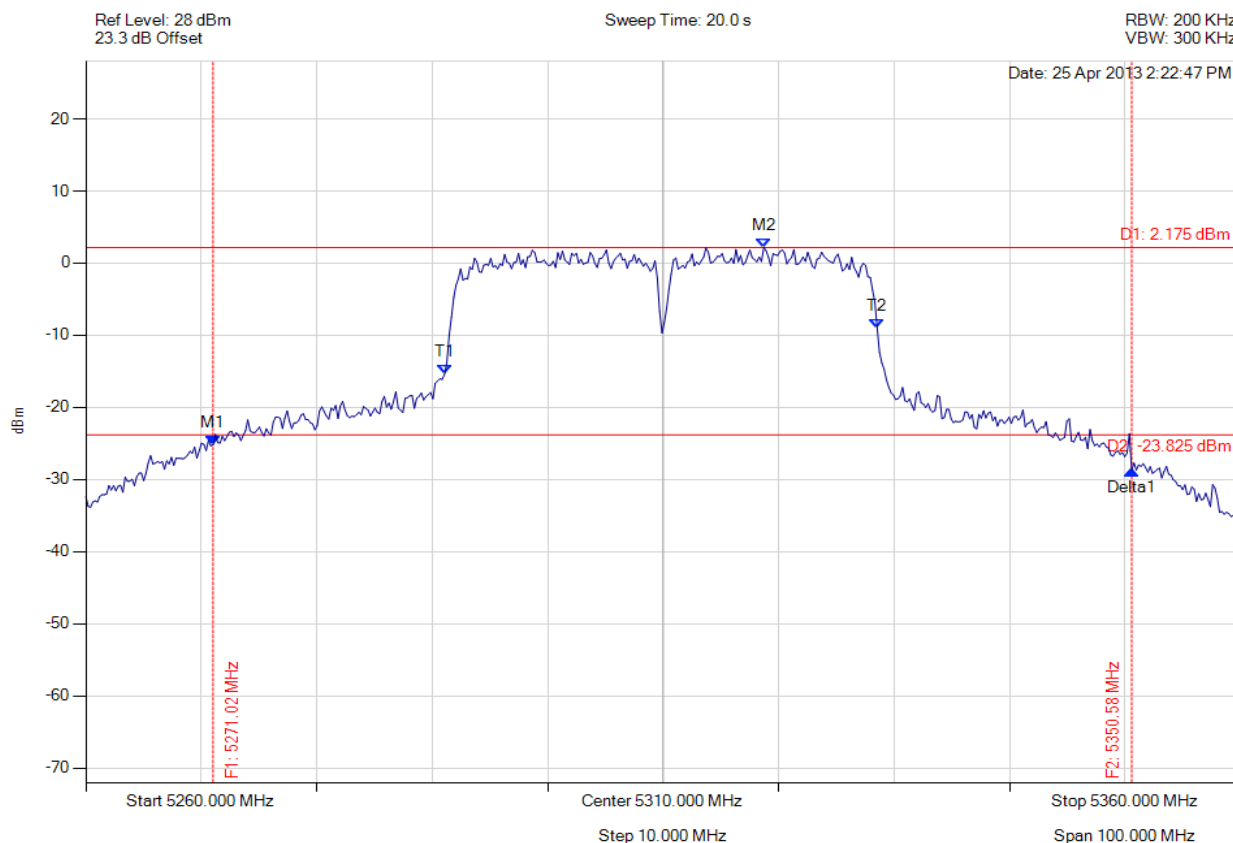


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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### 26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5310.00 MHz, Chain a, Temp: Ambient, Voltage: 5 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 : 5271.022 MHz : -25.178 dBm<br>M2 : 5318.717 MHz : 2.175 dBm<br>Delta1 : 79.559 MHz : -3.512 dB<br>T1 : 5291.062 MHz : -15.433 dBm<br>T2 : 5328.537 MHz : -9.020 dBm<br>OBW : 37.475 MHz | Measured 26 dB Bandwidth: 79.559 MHz<br>Measured 99% Bandwidth: 37.475 MHz |

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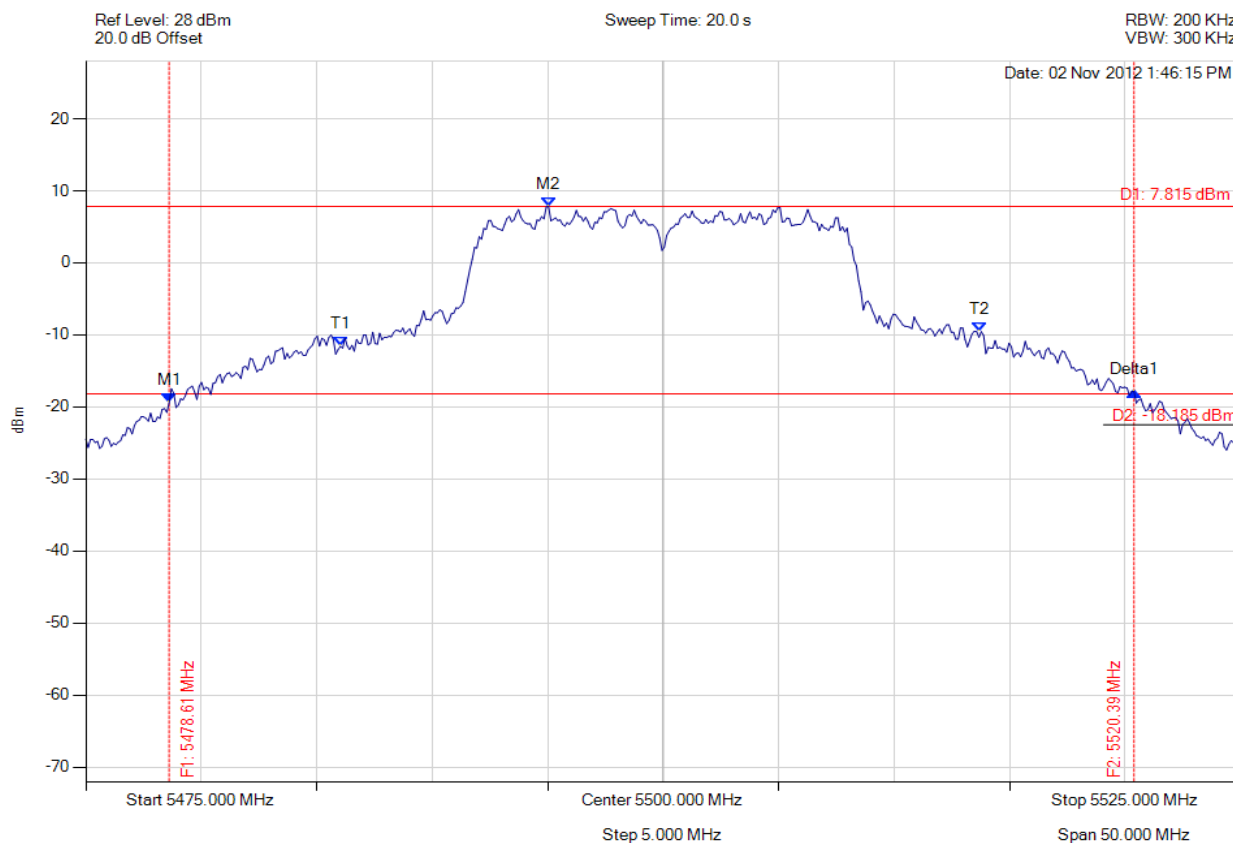


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**26 dB 99%**

Variant: 802.11a, Channel: 5500.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup  | Marker : Frequency : Amplitude  | Test Results   |
|---|---|--|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5478.607 MHz : -19.435 dBm<br>M2 : 5495.040 MHz : 7.815 dBm<br>Delta1 : 41.784 MHz : 1.544 dB<br>T1 : 5486.022 MHz : -11.605 dBm<br>T2 : 5513.677 MHz : -9.551 dBm<br>OBW : 27.756 MHz | Measured 26 dB Bandwidth: 41.784 MHz<br>Measured 99% Bandwidth: 27.756 MHz |

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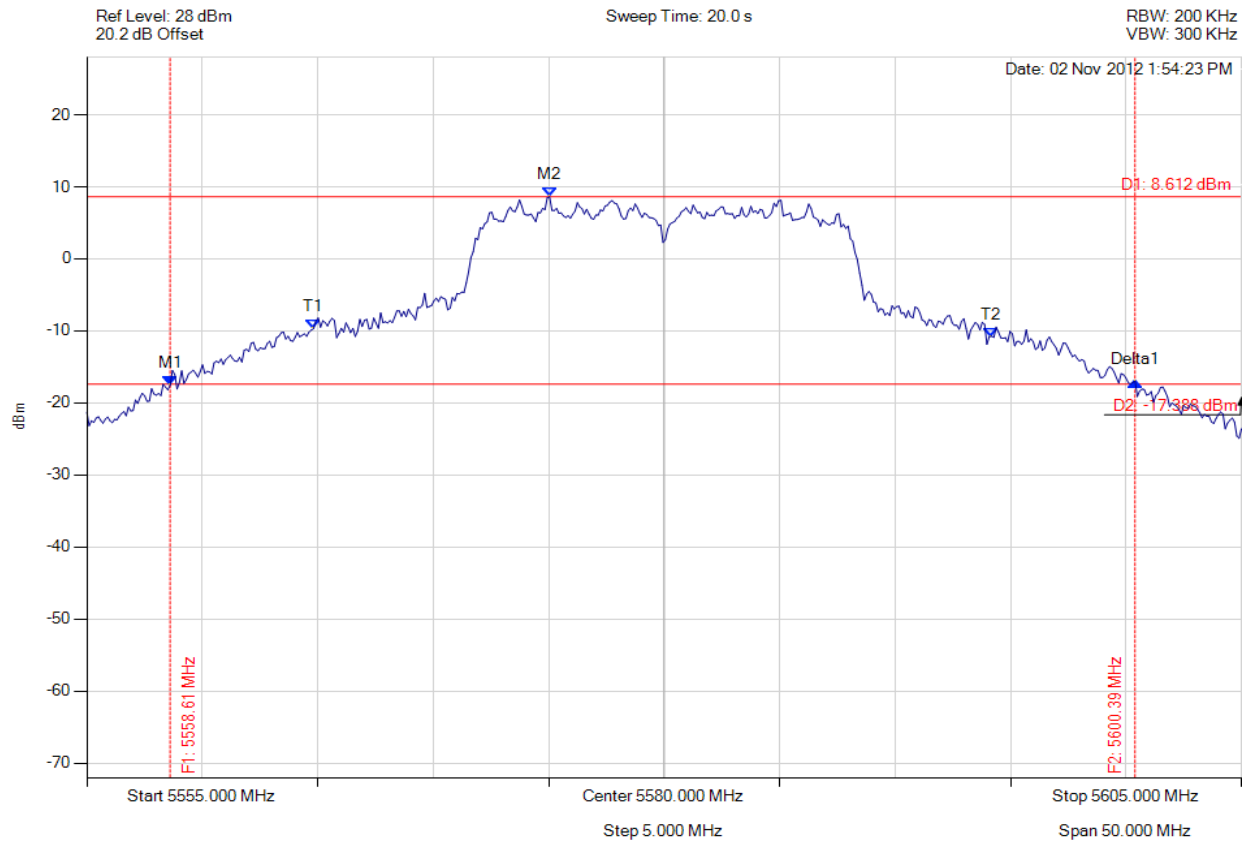


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**26 dB 99%**

Variant: 802.11a, Channel: 5580.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup  | Marker : Frequency : Amplitude  | Test Results   |
|---|---|--|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5558.607 MHz : -17.568 dBm<br>M2 : 5575.040 MHz : 8.612 dBm<br>Delta1 : 41.784 MHz : 0.590 dB<br>T1 : 5564.820 MHz : -9.700 dBm<br>T2 : 5594.178 MHz : -10.895 dBm<br>OBW : 29.459 MHz | Measured 26 dB Bandwidth: 41.784 MHz<br>Measured 99% Bandwidth: 29.459 MHz |

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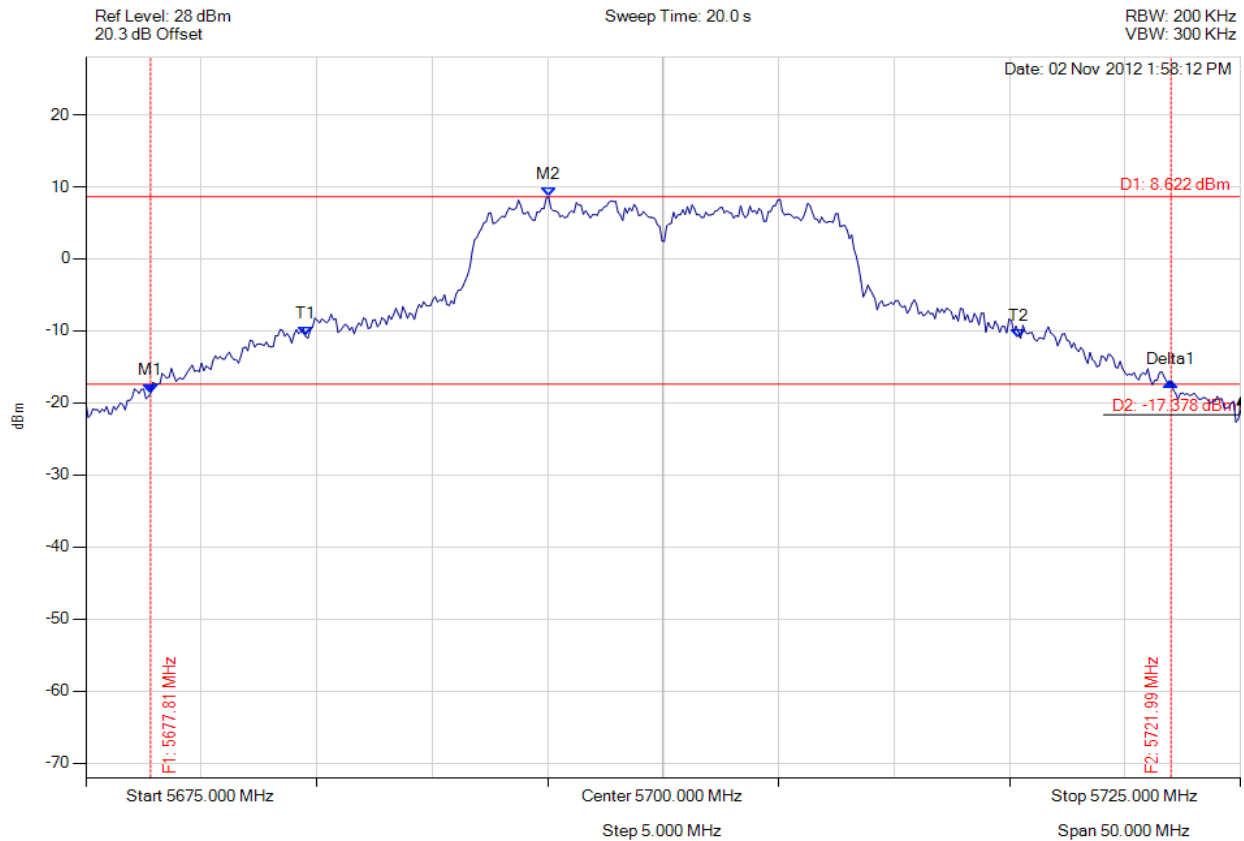


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**26 dB 99%**

Variant: 802.11a, Channel: 5700.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup  | Marker : Frequency : Amplitude   | Test Results   |
|---|--|--|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5677.806 MHz : -18.640 dBm<br>M2 : 5695.040 MHz : 8.622 dBm<br>Delta1 : 44.188 MHz : 1.560 dB<br>T1 : 5684.519 MHz : -10.779 dBm<br>T2 : 5715.381 MHz : -11.032 dBm<br>OBW : 30.962 MHz | Measured 26 dB Bandwidth: 44.188 MHz<br>Measured 99% Bandwidth: 30.962 MHz |

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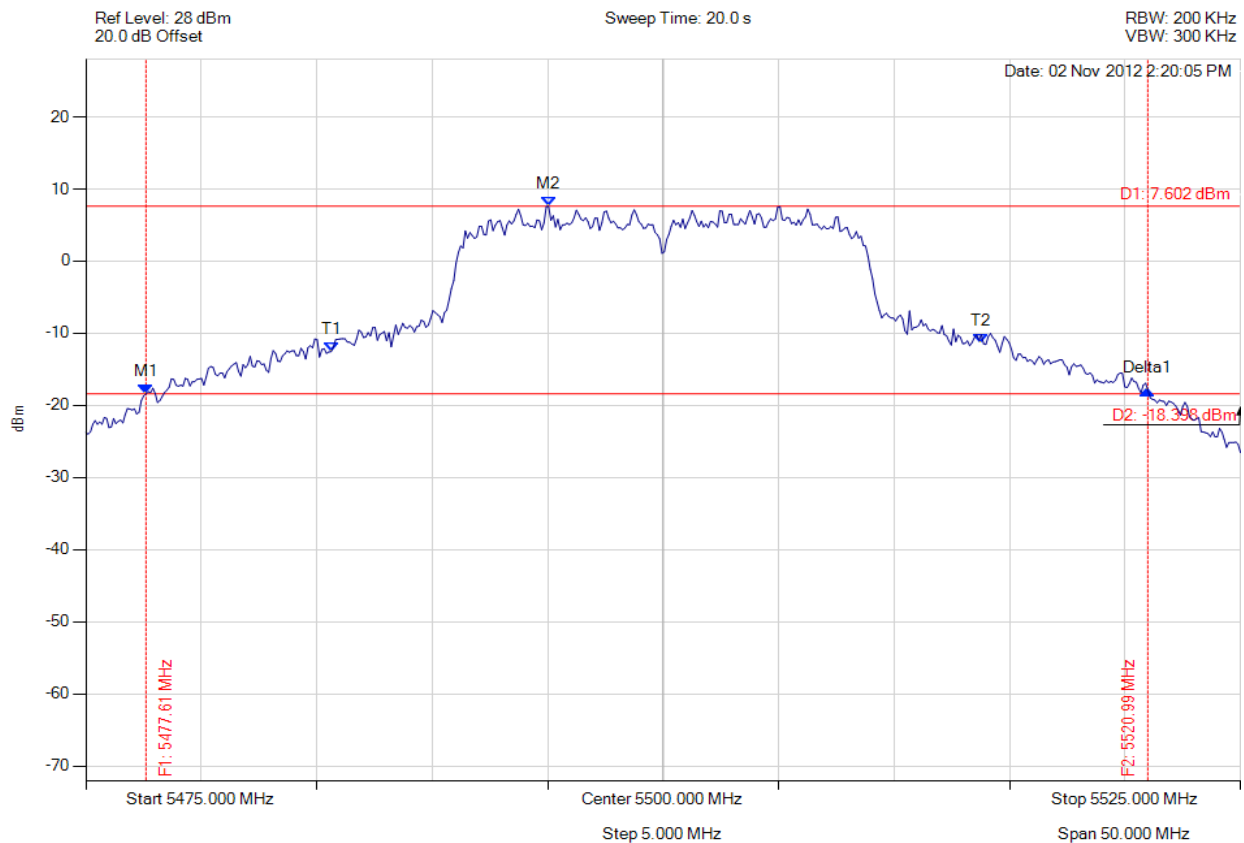


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**26 dB 99%**

Variant: 802.11n HT-20, Channel: 5500.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup  | Marker : Frequency : Amplitude   | Test Results   |
|---|--|--|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5477.605 MHz : -18.416 dBm<br>M2 : 5495.040 MHz : 7.602 dBm<br>Delta1 : 43.387 MHz : 0.549 dB<br>T1 : 5485.621 MHz : -12.547 dBm<br>T2 : 5513.778 MHz : -11.451 dBm<br>OBW : 28.257 MHz | Measured 26 dB Bandwidth: 43.387 MHz<br>Measured 99% Bandwidth: 28.257 MHz |

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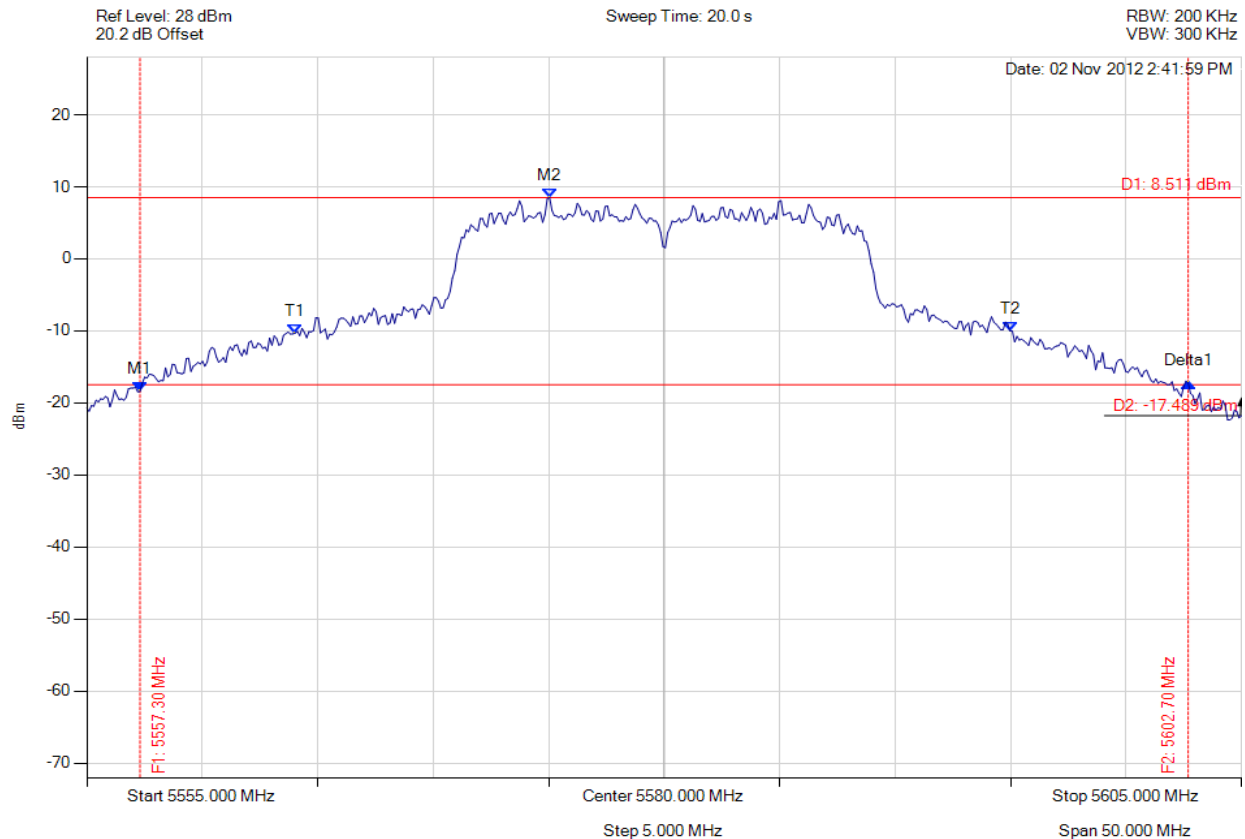


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
**To:** FCC 47 CFR Part 15.407 & IC RSS-210  
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**26 dB 99%**

Variant: 802.11n HT-20, Channel: 5580.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup  | Marker : Frequency : Amplitude   | Test Results   |
|---|--|--|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5557.305 MHz : -18.416 dBm<br>M2 : 5575.040 MHz : 8.511 dBm<br>Delta1 : 45.391 MHz : 1.173 dB<br>T1 : 5564.018 MHz : -10.322 dBm<br>T2 : 5594.980 MHz : -10.023 dBm<br>OBW : 31.062 MHz | Measured 26 dB Bandwidth: 45.391 MHz<br>Measured 99% Bandwidth: 31.062 MHz |

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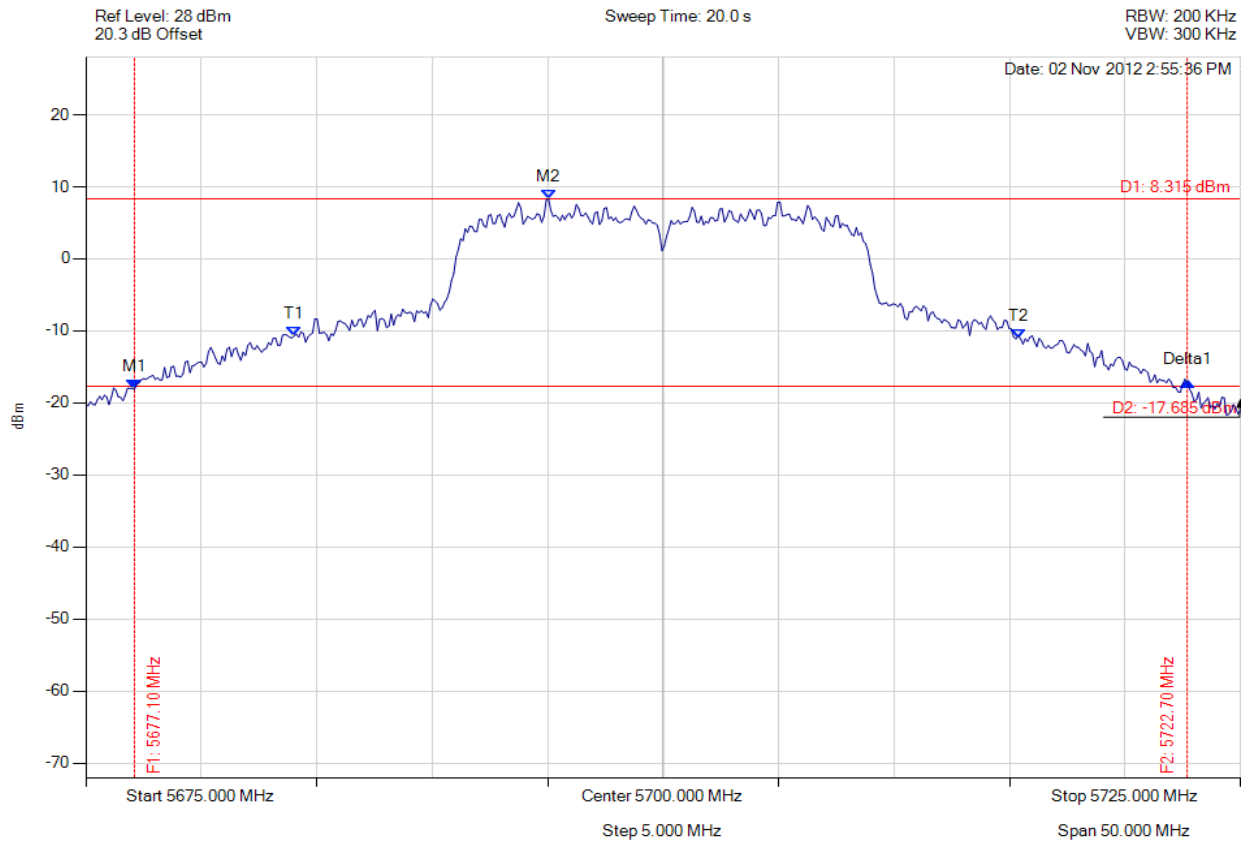


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
**To:** FCC 47 CFR Part 15.407 & IC RSS-210  
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**26 dB 99%**

Variant: 802.11n HT-20, Channel: 5700.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup  | Marker : Frequency : Amplitude   | Test Results   |
|---|--|--|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5677.104 MHz : -18.119 dBm<br>M2 : 5695.040 MHz : 8.315 dBm<br>Delta1 : 45.591 MHz : 1.068 dB<br>T1 : 5684.018 MHz : -10.712 dBm<br>T2 : 5715.381 MHz : -11.099 dBm<br>OBW : 31.463 MHz | Measured 26 dB Bandwidth: 45.591 MHz<br>Measured 99% Bandwidth: 31.463 MHz |

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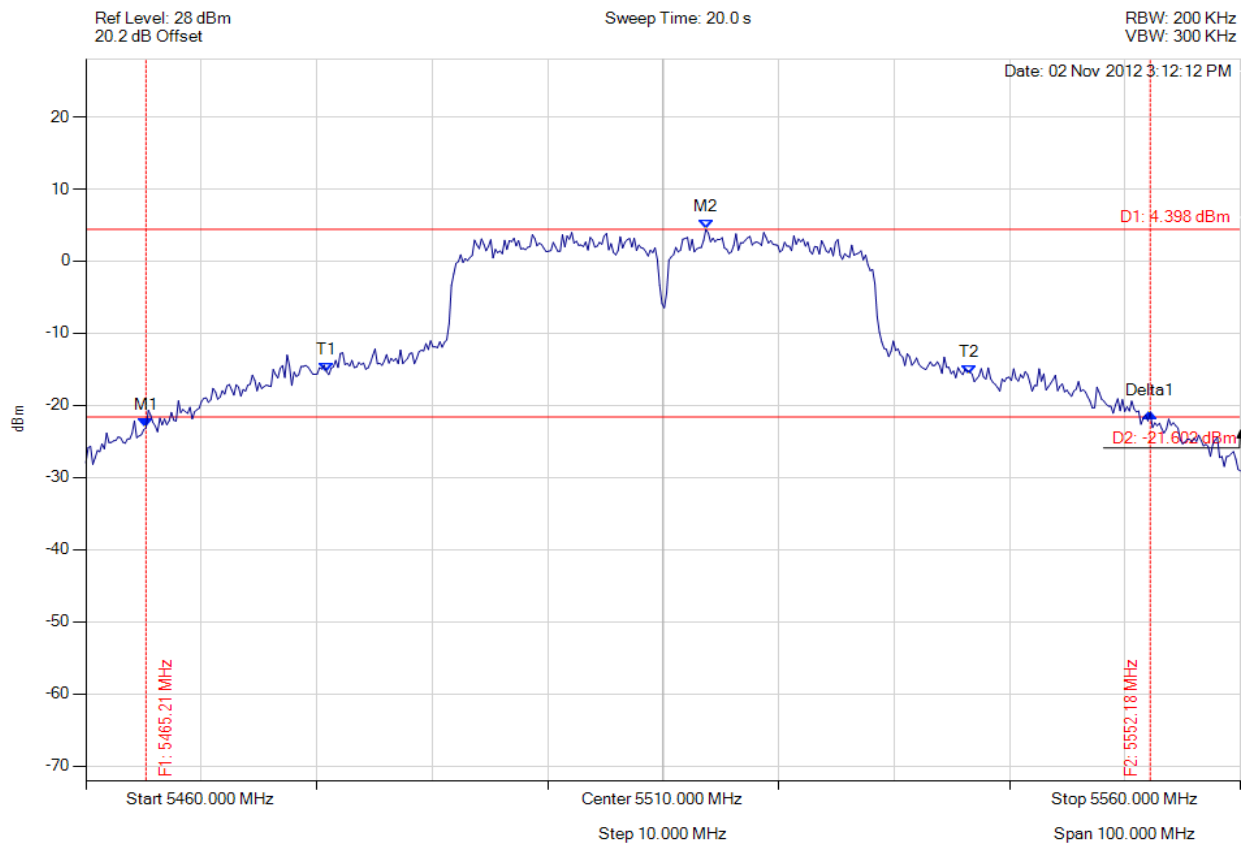


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**26 dB 99%**

Variant: 802.11n HT-40, Channel: 5510.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup  | Marker : Frequency : Amplitude   | Test Results   |
|---|--|--|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5465.210 MHz : -23.106 dBm<br>M2 : 5513.707 MHz : 4.398 dBm<br>Delta1 : 86.974 MHz : 2.085 dB<br>T1 : 5480.842 MHz : -15.315 dBm<br>T2 : 5536.553 MHz : -15.648 dBm<br>OBW : 55.912 MHz | Measured 26 dB Bandwidth: 86.974 MHz<br>Measured 99% Bandwidth: 55.912 MHz |

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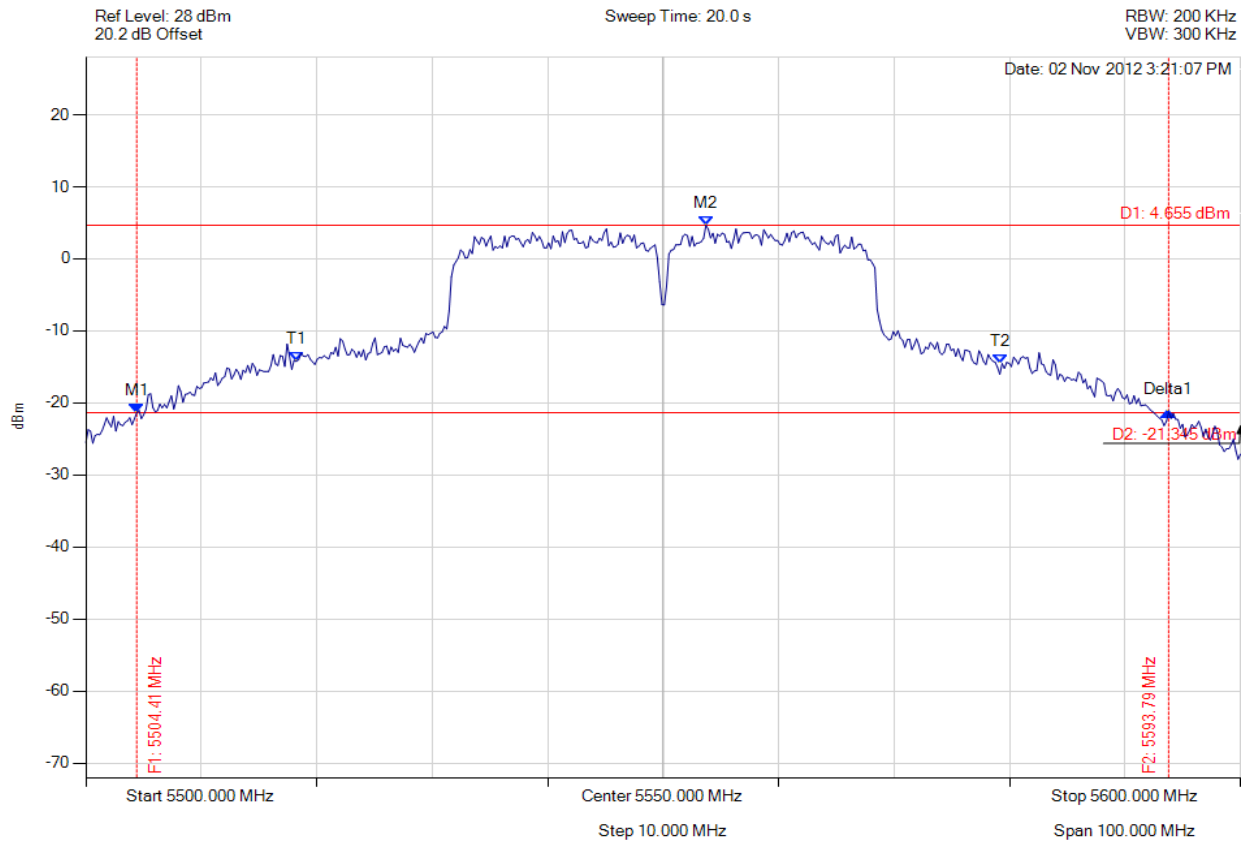


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
**To:** FCC 47 CFR Part 15.407 & IC RSS-210  
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**26 dB 99%**

Variant: 802.11n HT-40, Channel: 5550.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup  | Marker : Frequency : Amplitude   | Test Results   |
|---|--|--|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5504.409 MHz : -21.385 dBm<br>M2 : 5553.707 MHz : 4.655 dBm<br>Delta1 : 89.379 MHz : 0.116 dB<br>T1 : 5518.236 MHz : -14.233 dBm<br>T2 : 5579.158 MHz : -14.544 dBm<br>OBW : 61.122 MHz | Measured 26 dB Bandwidth: 89.379 MHz<br>Measured 99% Bandwidth: 61.122 MHz |

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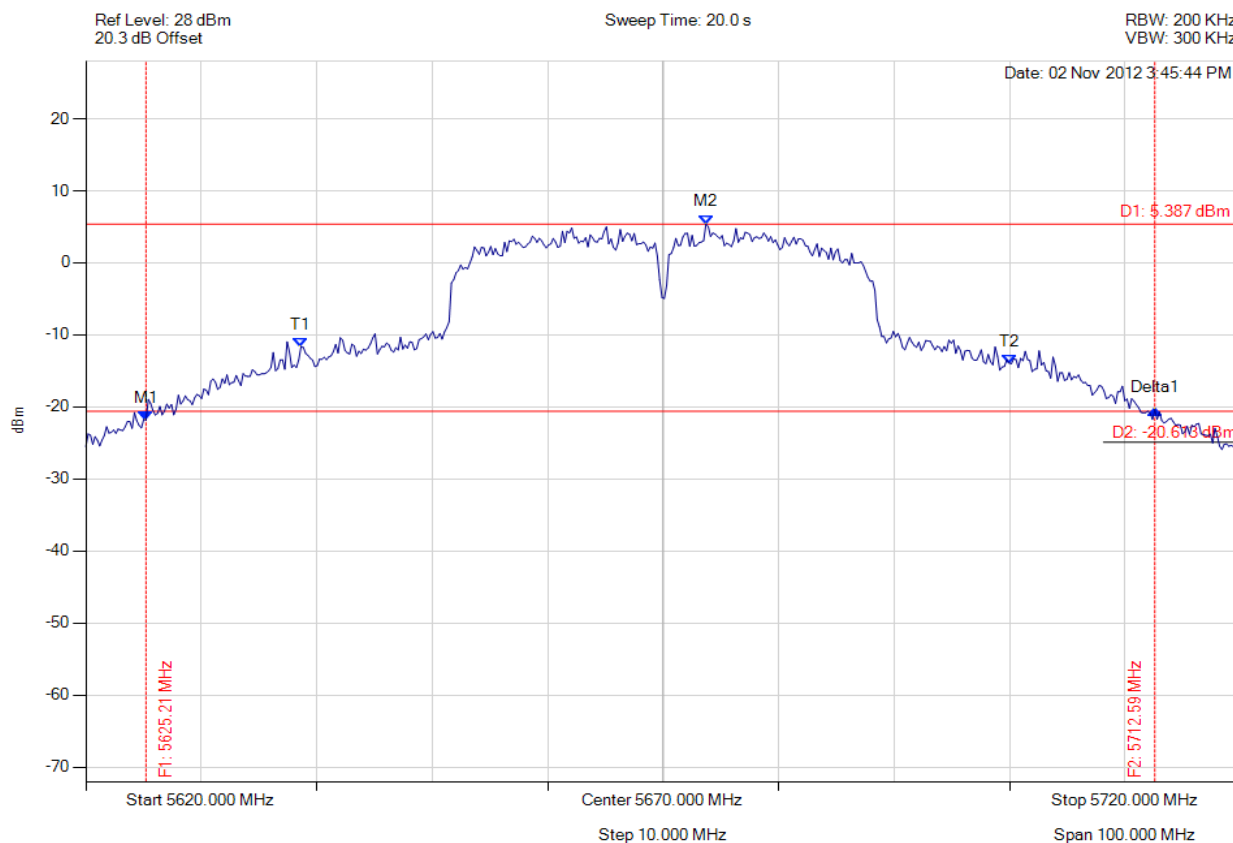


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**26 dB 99%**

Variant: 802.11n HT-40, Channel: 5670.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup  | Marker : Frequency : Amplitude   | Test Results   |
|---|--|--|
| Detector = MAX PEAK<br>Sweep Count = 0<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5625.210 MHz : -21.841 dBm<br>M2 : 5673.707 MHz : 5.387 dBm<br>Delta1 : 87.375 MHz : 1.470 dB<br>T1 : 5638.637 MHz : -11.640 dBm<br>T2 : 5699.960 MHz : -14.009 dBm<br>OBW : 61.523 MHz | Measured 26 dB Bandwidth: 87.375 MHz<br>Measured 99% Bandwidth: 61.523 MHz |

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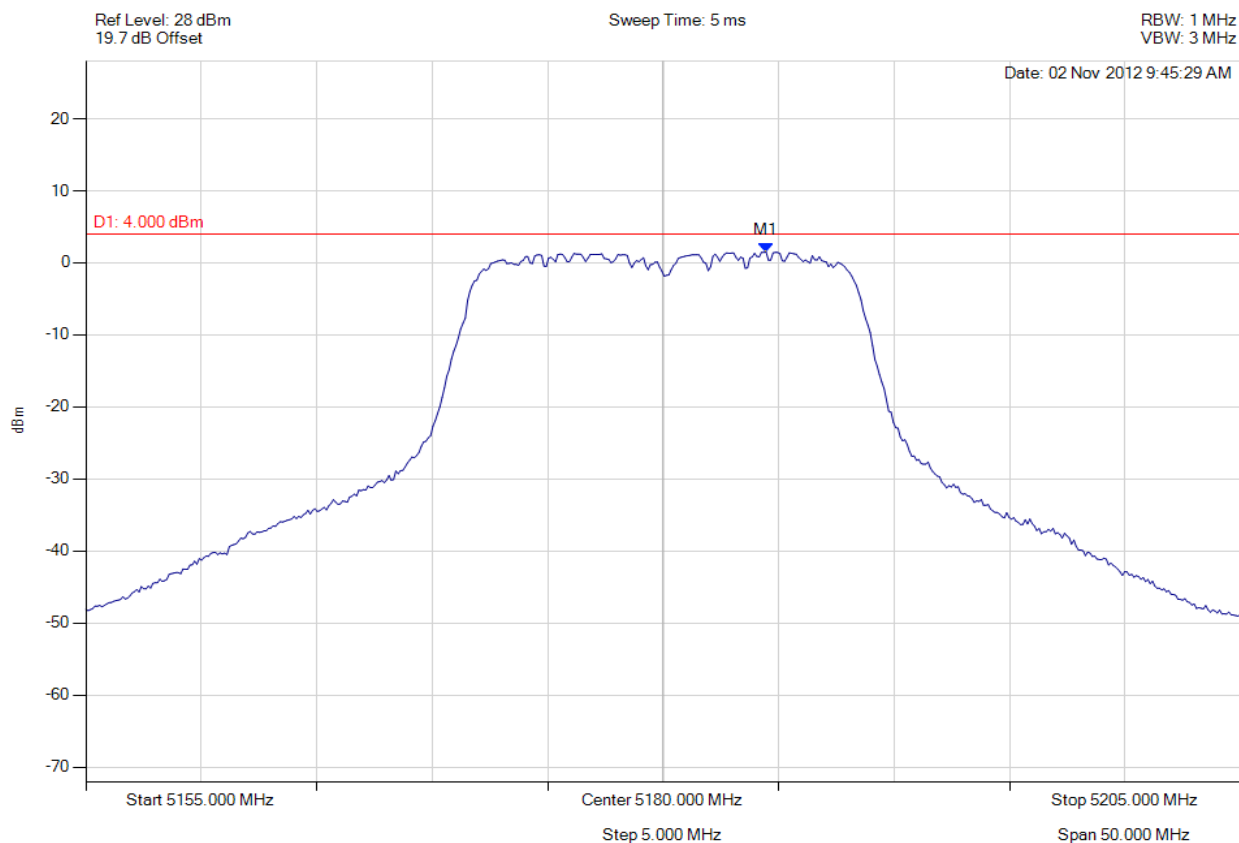
**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
**To:** FCC 47 CFR Part 15.407 & IC RSS-210  
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### A.1.2. Peak Power Spectral Density



#### power density

Variant: 802.11a, Channel: 5180.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude | Test Results                         |
|--|--------------------------------|--------------------------------------|
| Detector = RMS<br>Sweep Count = 100<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5184.459 MHz : 1.494 dBm  | Limit: 8.000 dBm<br>Margin: -6.51 dB |

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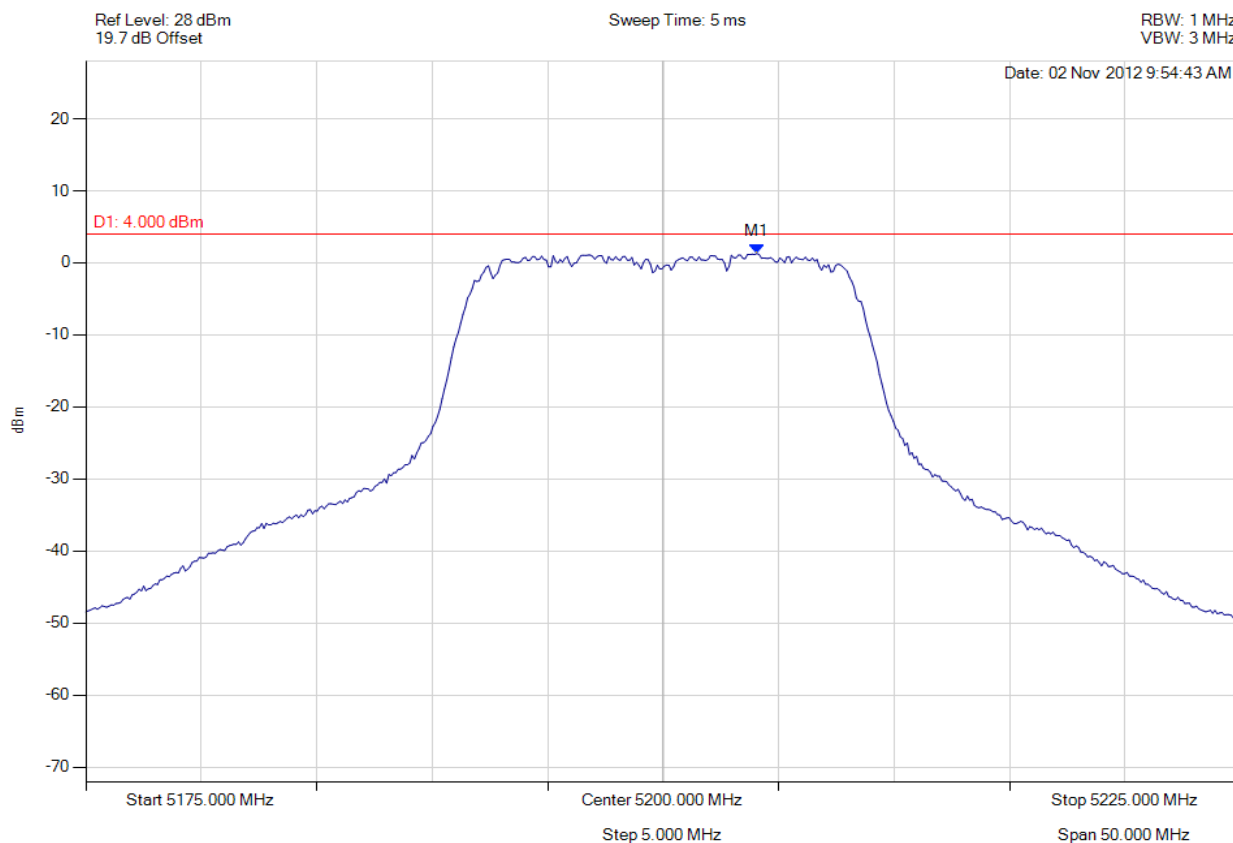


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**power density**

Variant: 802.11a, Channel: 5200.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude | Test Results                         |
|--|--------------------------------|--------------------------------------|
| Detector = RMS<br>Sweep Count = 100<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5204.058 MHz : 1.292 dBm  | Limit: 8.000 dBm<br>Margin: -6.71 dB |

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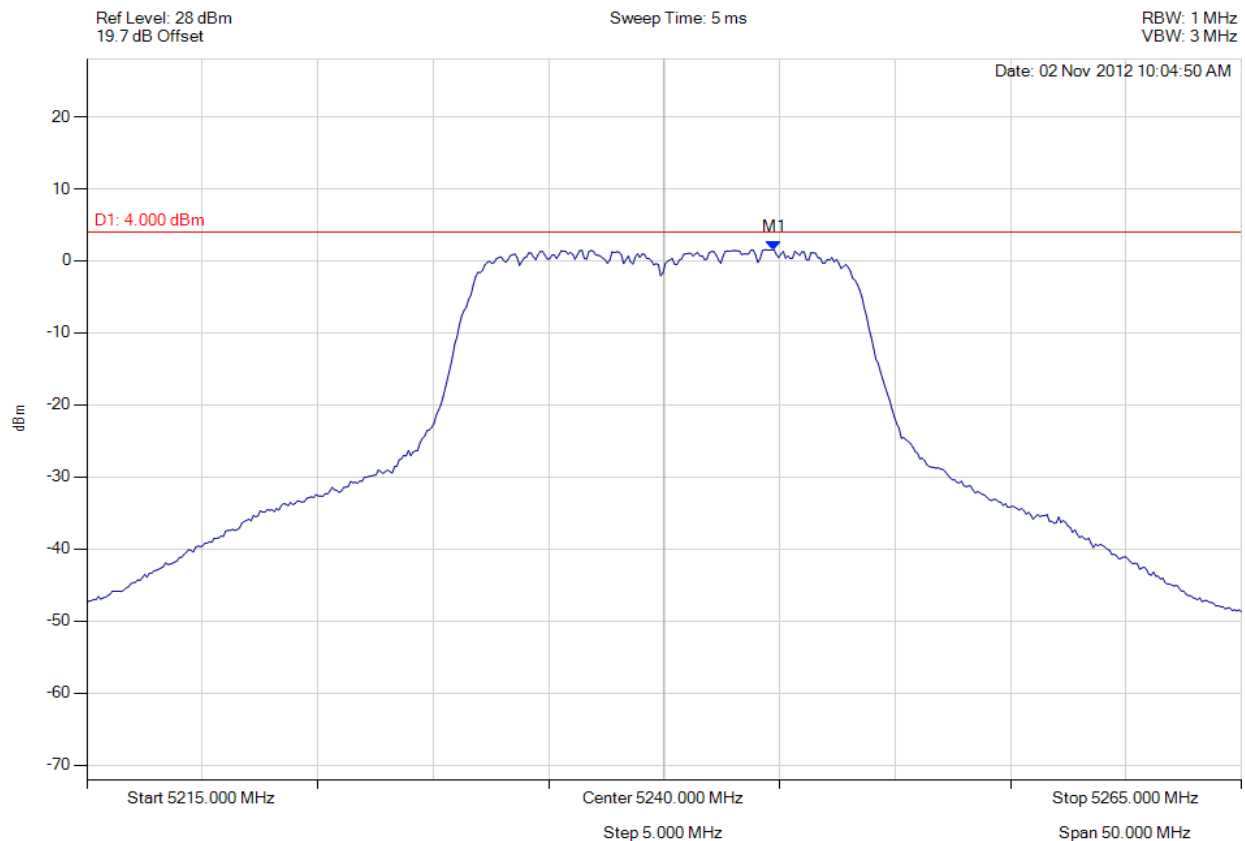


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**power density**

Variant: 802.11a, Channel: 5240.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude | Test Results                         |
|--|--------------------------------|--------------------------------------|
| Detector = RMS<br>Sweep Count = 100<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5244.760 MHz : 1.552 dBm  | Limit: 8.000 dBm<br>Margin: -6.45 dB |

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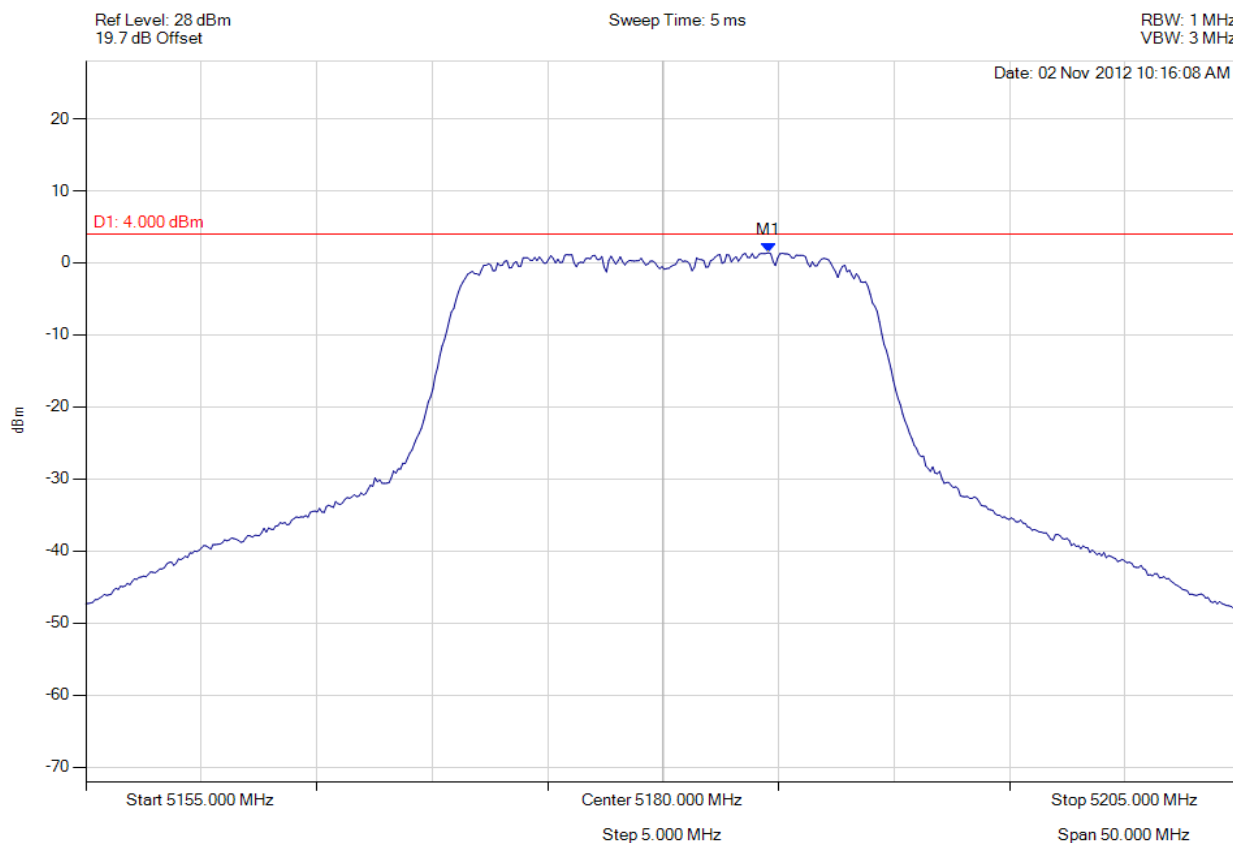


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**power density**

Variant: 802.11n HT-20, Channel: 5180.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude | Test Results                         |
|--|--------------------------------|--------------------------------------|
| Detector = RMS<br>Sweep Count = 100<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5184.559 MHz : 1.409 dBm  | Limit: 8.000 dBm<br>Margin: -6.59 dB |

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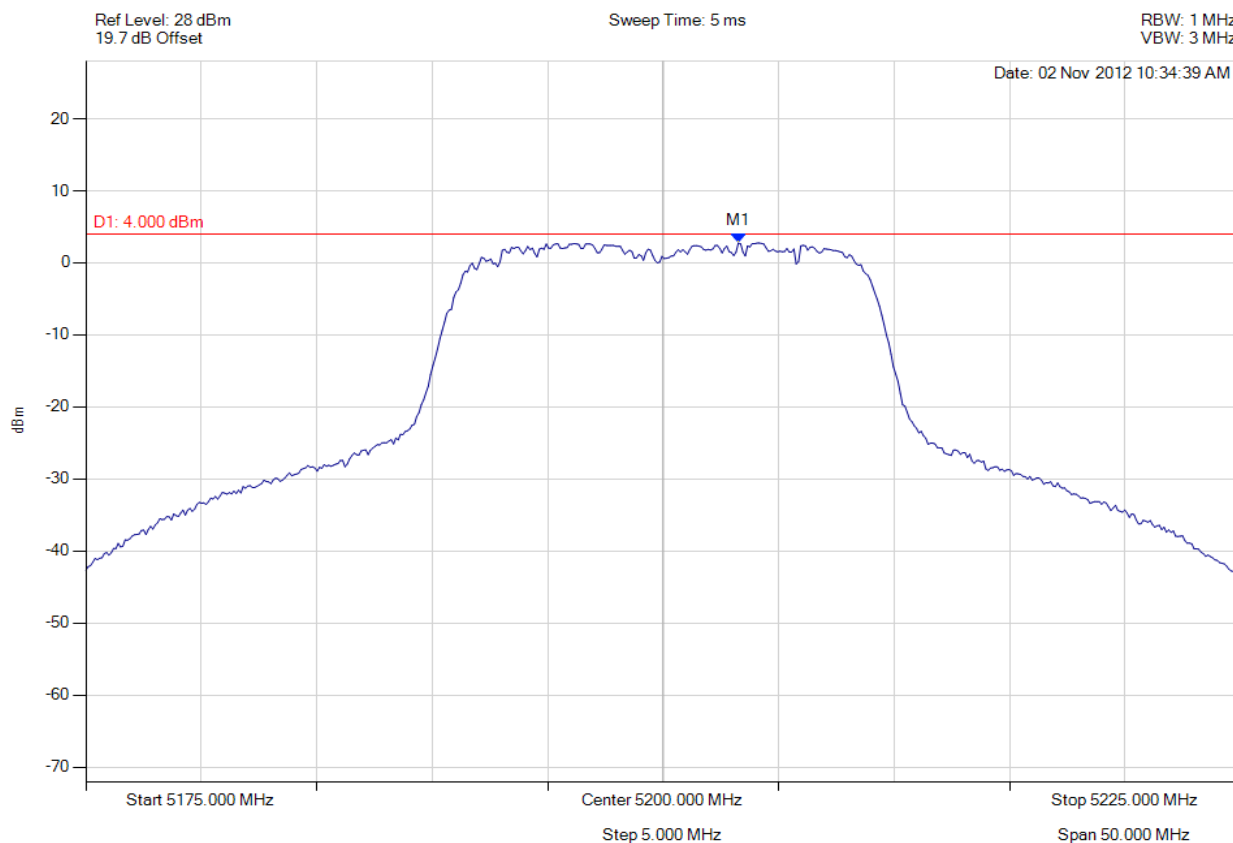


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**power density**

Variant: 802.11n HT-20, Channel: 5200.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude | Test Results                         |
|--|--------------------------------|--------------------------------------|
| Detector = RMS<br>Sweep Count = 100<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5203.257 MHz : 2.751 dBm  | Limit: 8.000 dBm<br>Margin: -5.25 dB |

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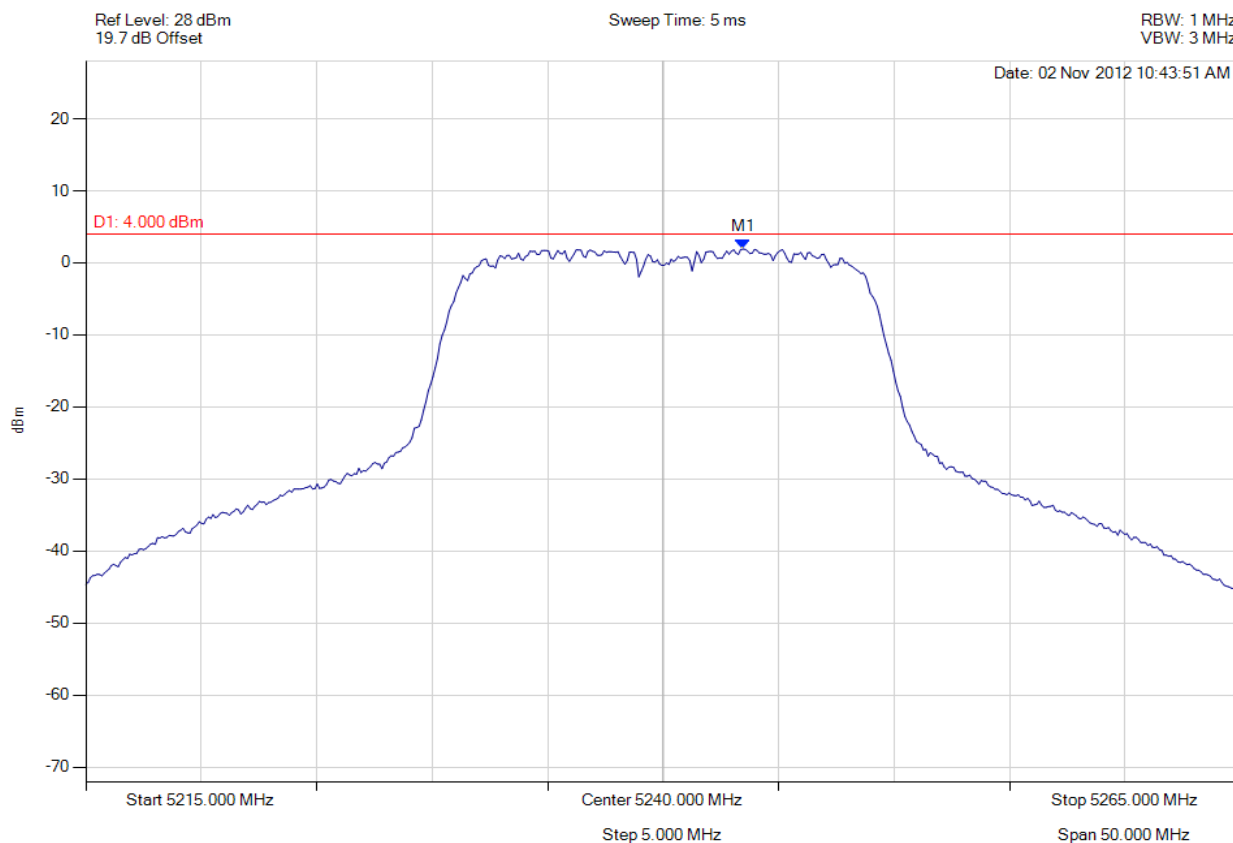


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**power density**

Variant: 802.11n HT-20, Channel: 5240.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude | Test Results                         |
|--|--------------------------------|--------------------------------------|
| Detector = RMS<br>Sweep Count = 100<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5243.457 MHz : 1.905 dBm  | Limit: 8.000 dBm<br>Margin: -6.09 dB |

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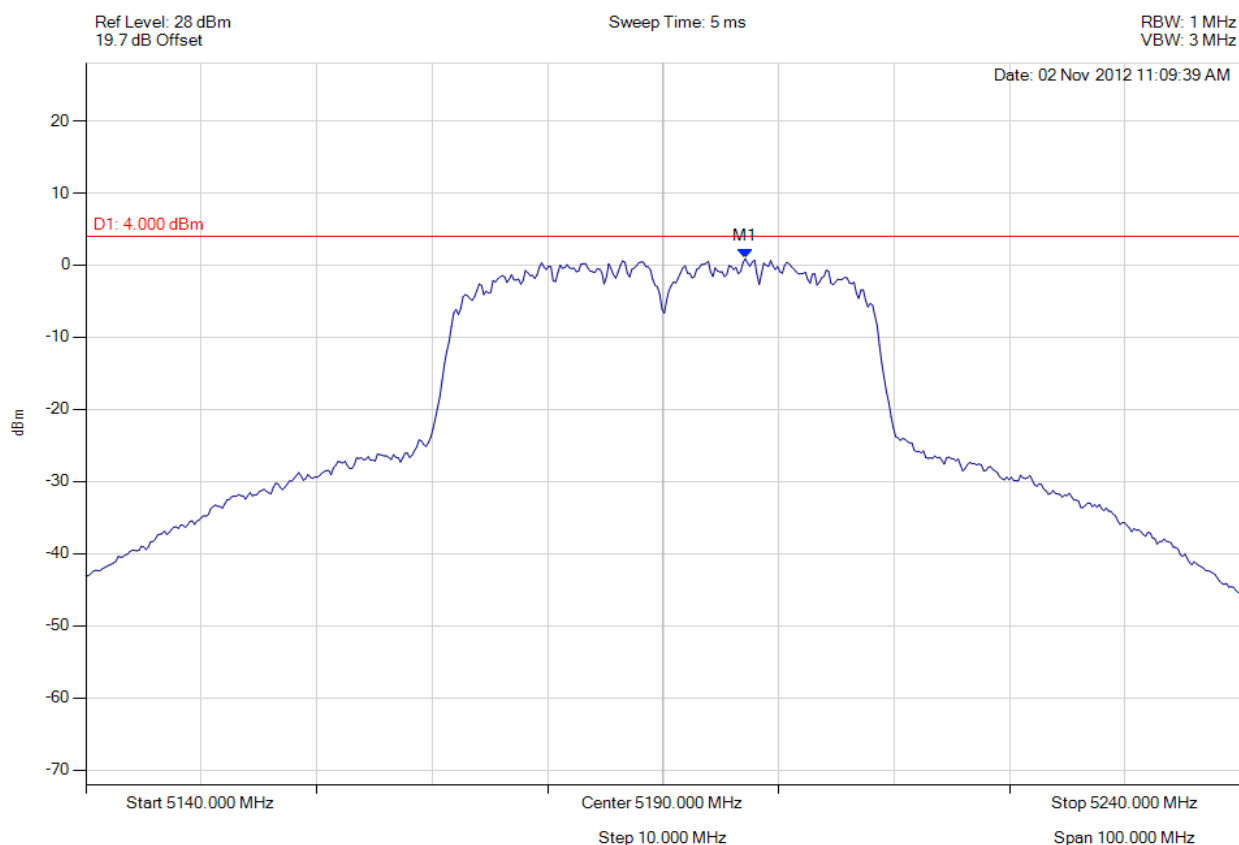


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**power density**

Variant: 802.11n HT-40, Channel: 5190.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude | Test Results                         |
|--|--------------------------------|--------------------------------------|
| Detector = RMS<br>Sweep Count = 100<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5197.114 MHz : 0.895 dBm  | Limit: 8.000 dBm<br>Margin: -7.11 dB |

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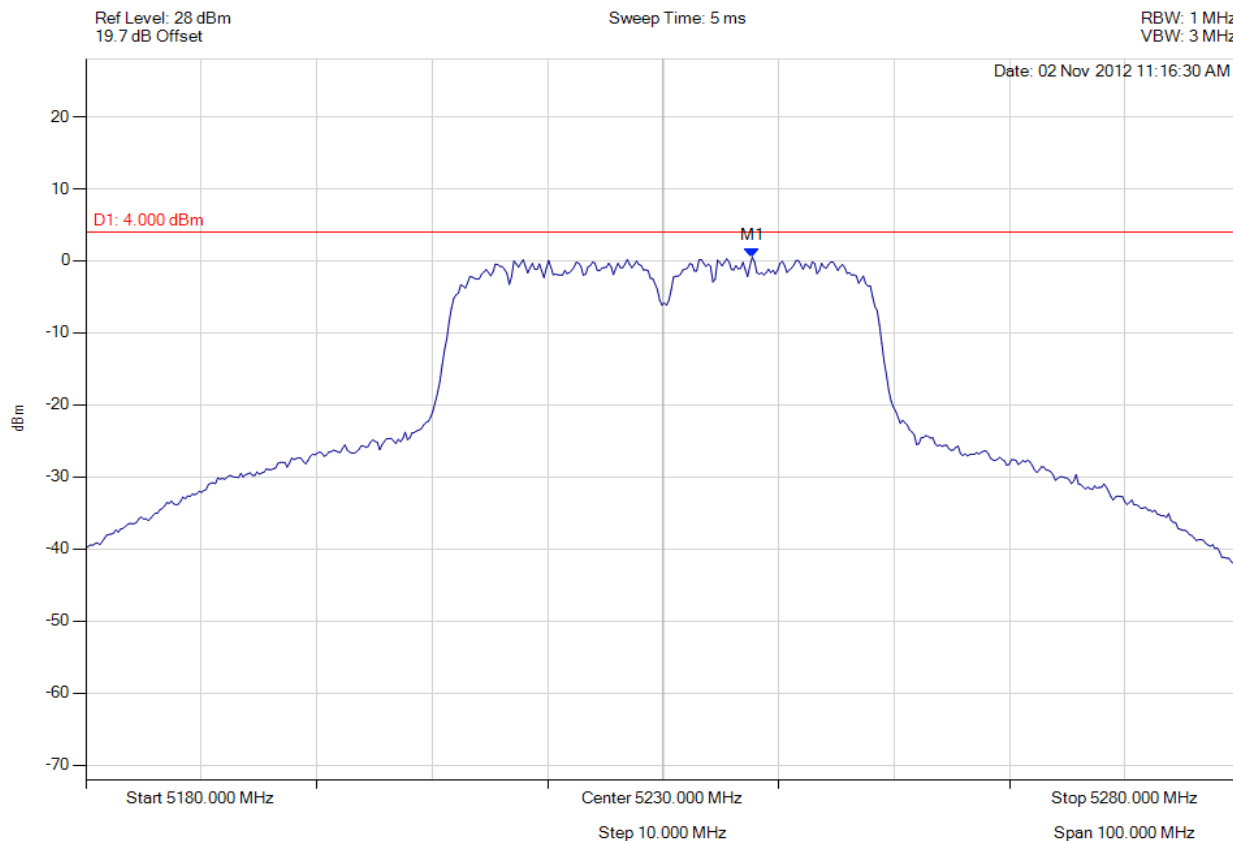


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**power density**

Variant: 802.11n HT-40, Channel: 5230.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude | Test Results                         |
|--|--------------------------------|--------------------------------------|
| Detector = RMS<br>Sweep Count = 100<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5237.715 MHz : 0.484 dBm  | Limit: 8.000 dBm<br>Margin: -7.52 dB |

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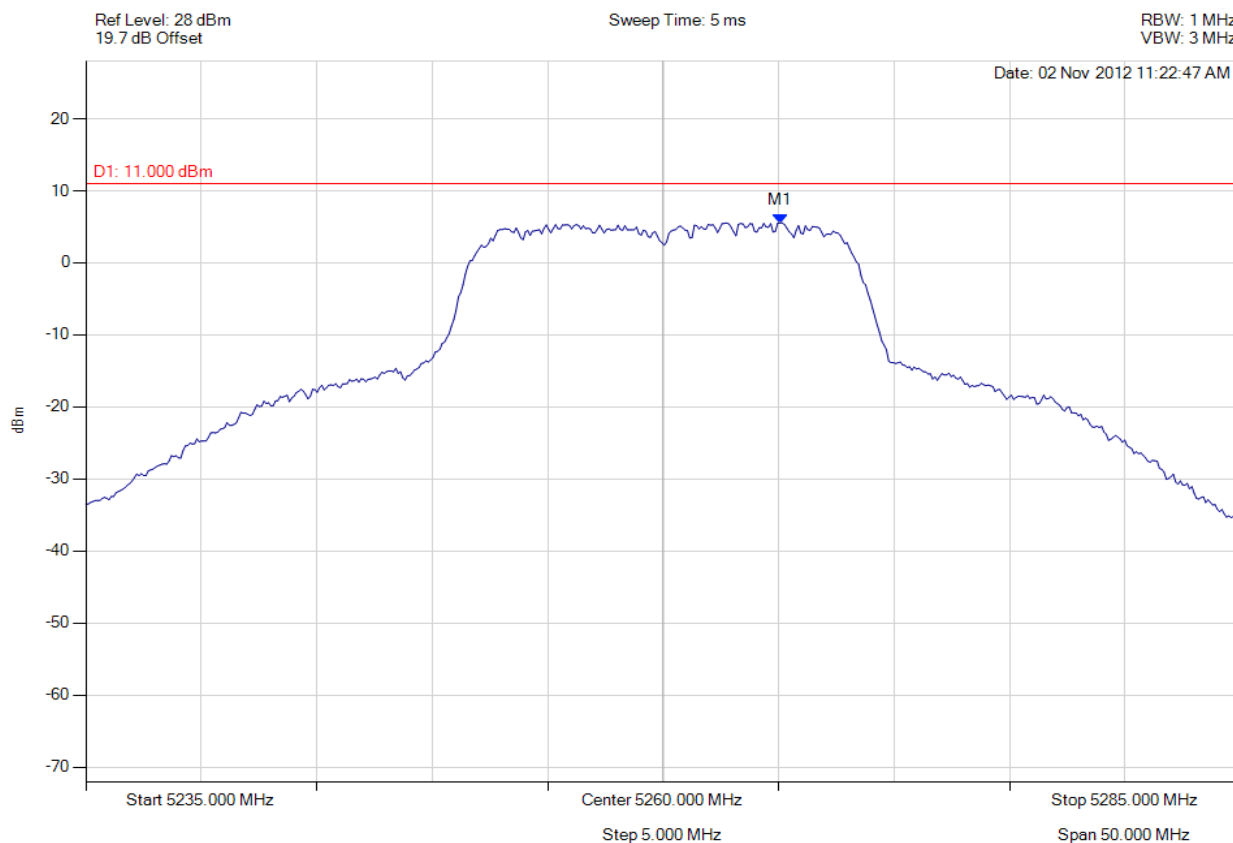


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**power density**

Variant: 802.11a, Channel: 5260.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude | Test Results                         |
|--|--------------------------------|--------------------------------------|
| Detector = RMS<br>Sweep Count = 100<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5265.060 MHz : 5.544 dBm  | Limit: 8.000 dBm<br>Margin: -2.46 dB |

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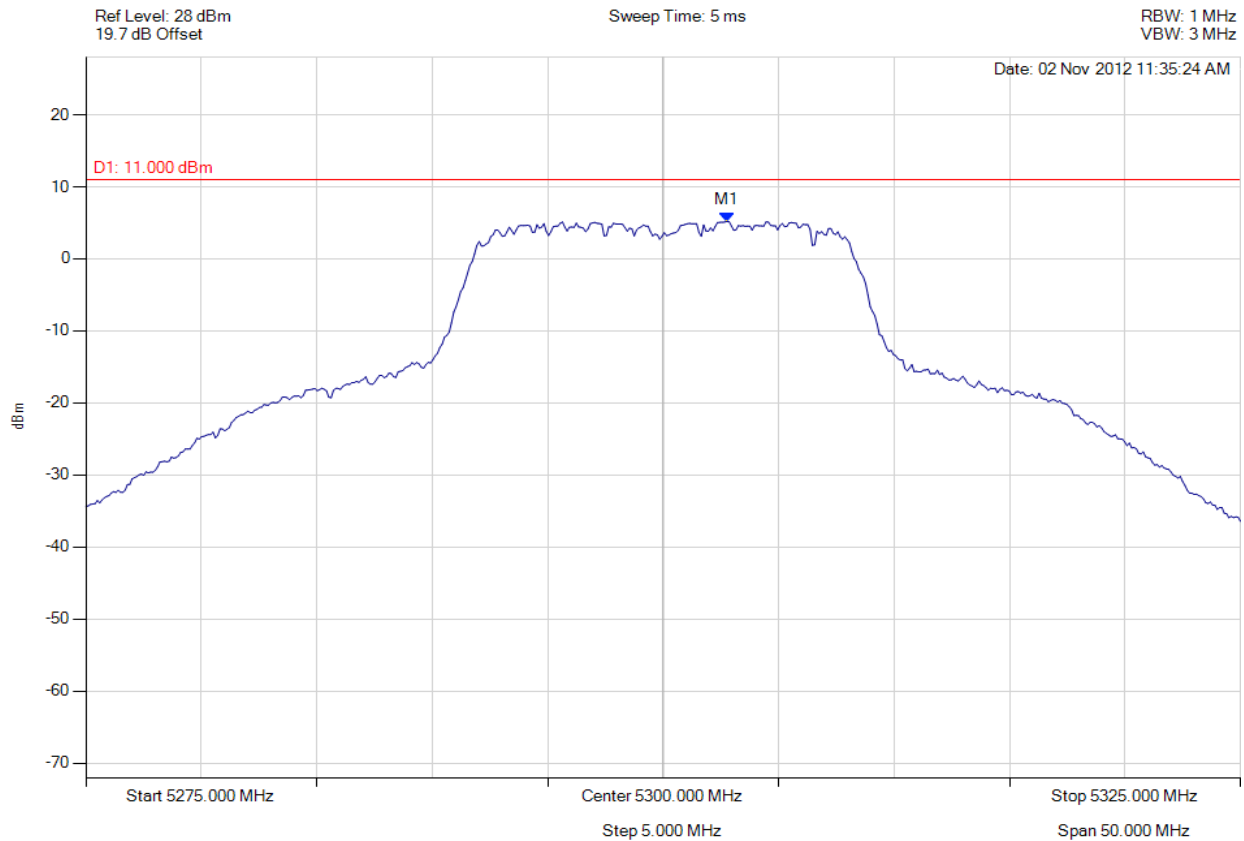


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**power density**

Variant: 802.11a, Channel: 5300.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude | Test Results                         |
|--|--------------------------------|--------------------------------------|
| Detector = RMS<br>Sweep Count = 100<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5302.756 MHz : 5.178 dBm  | Limit: 8.000 dBm<br>Margin: -2.82 dB |

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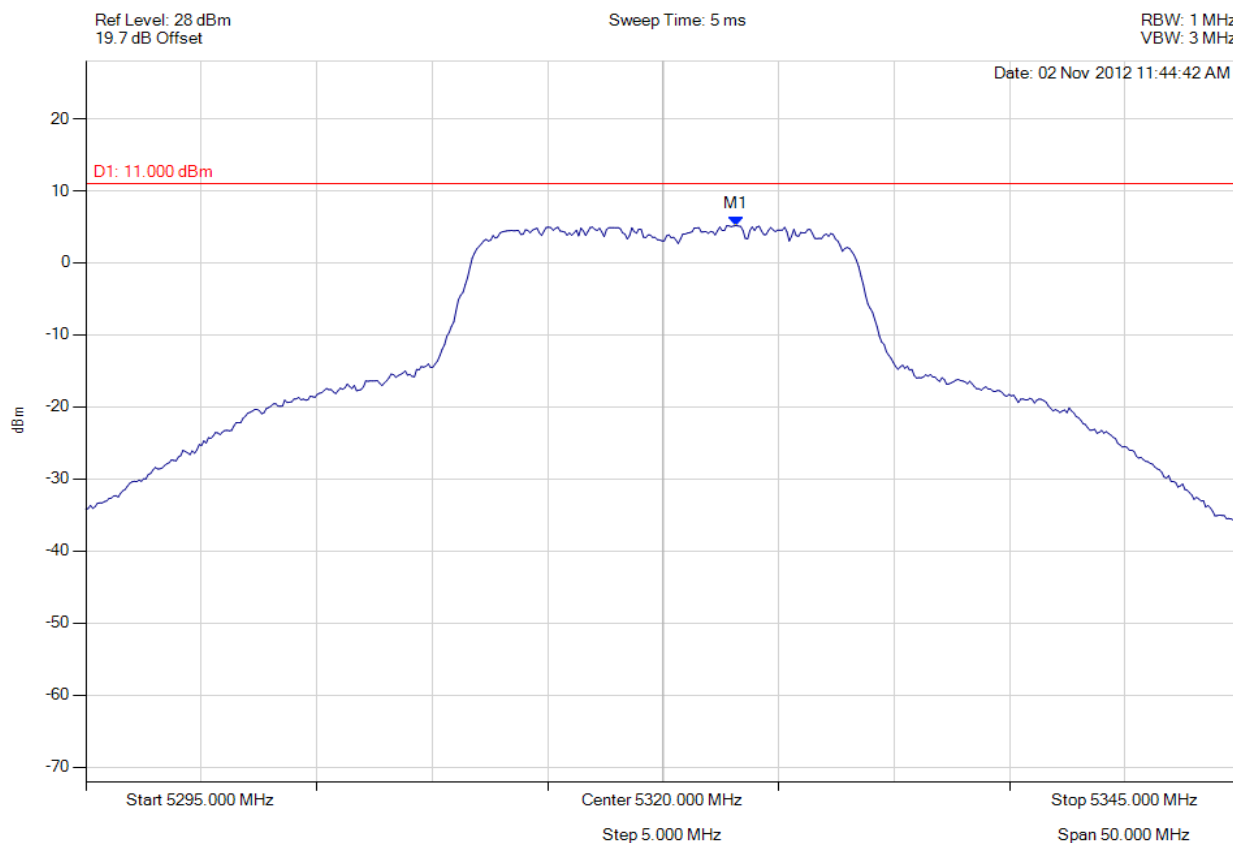


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
**To:** FCC 47 CFR Part 15.407 & IC RSS-210  
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**power density**

Variant: 802.11a, Channel: 5320.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude | Test Results                         |
|--|--------------------------------|--------------------------------------|
| Detector = RMS<br>Sweep Count = 100<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5323.156 MHz : 5.169 dBm  | Limit: 8.000 dBm<br>Margin: -2.83 dB |

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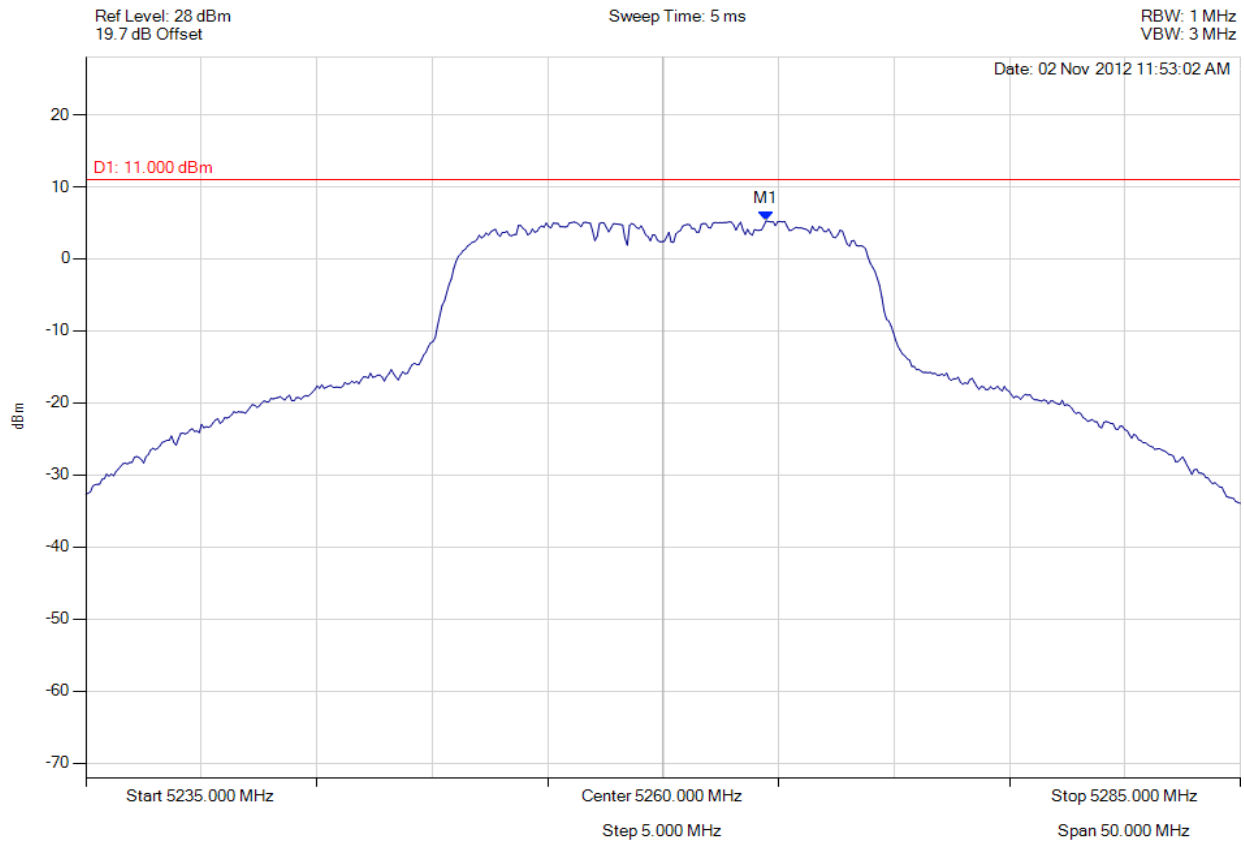


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**power density**

Variant: 802.11n HT-20, Channel: 5260.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude | Test Results                         |
|--|--------------------------------|--------------------------------------|
| Detector = RMS<br>Sweep Count = 100<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5264.459 MHz : 5.259 dBm  | Limit: 8.000 dBm<br>Margin: -2.74 dB |

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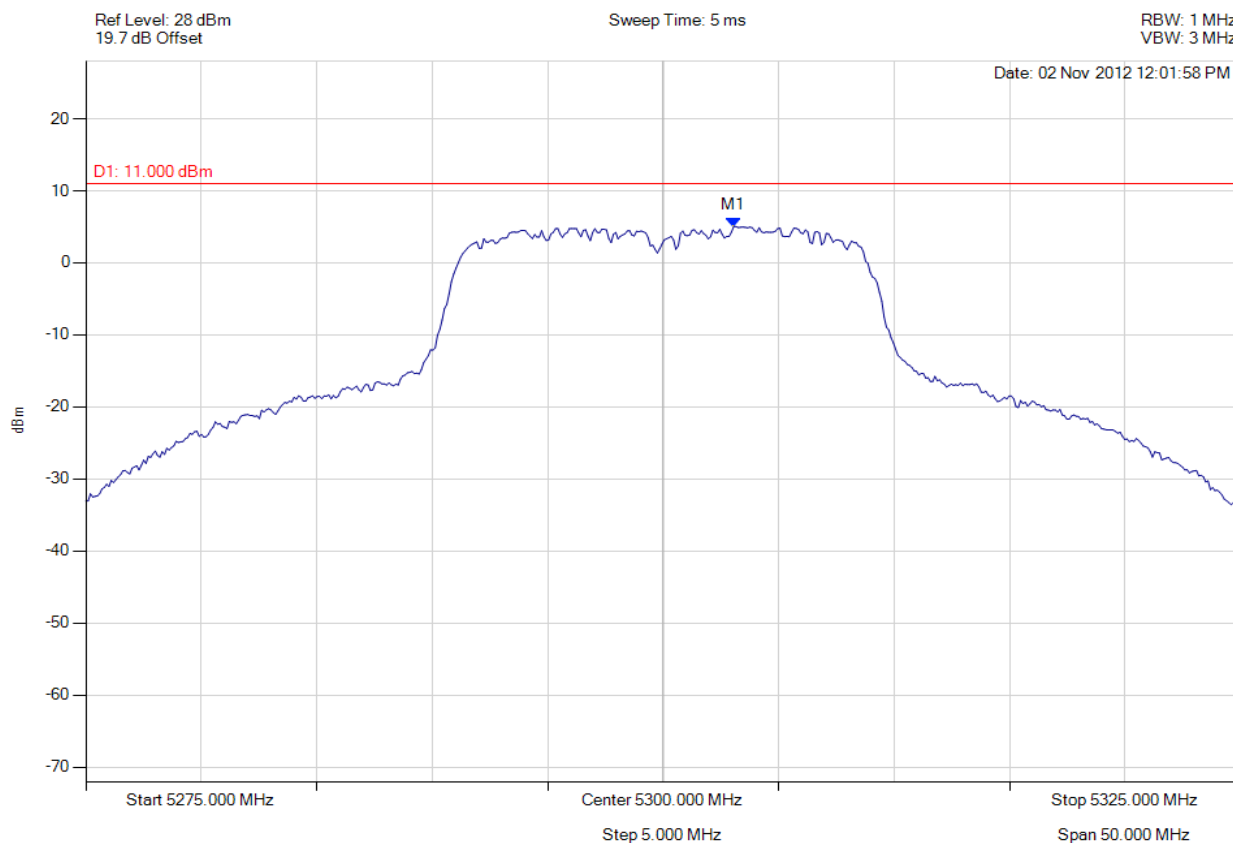


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**power density**

Variant: 802.11n HT-20, Channel: 5300.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude | Test Results                         |
|--|--------------------------------|--------------------------------------|
| Detector = RMS<br>Sweep Count = 100<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5303.056 MHz : 5.032 dBm  | Limit: 8.000 dBm<br>Margin: -2.97 dB |

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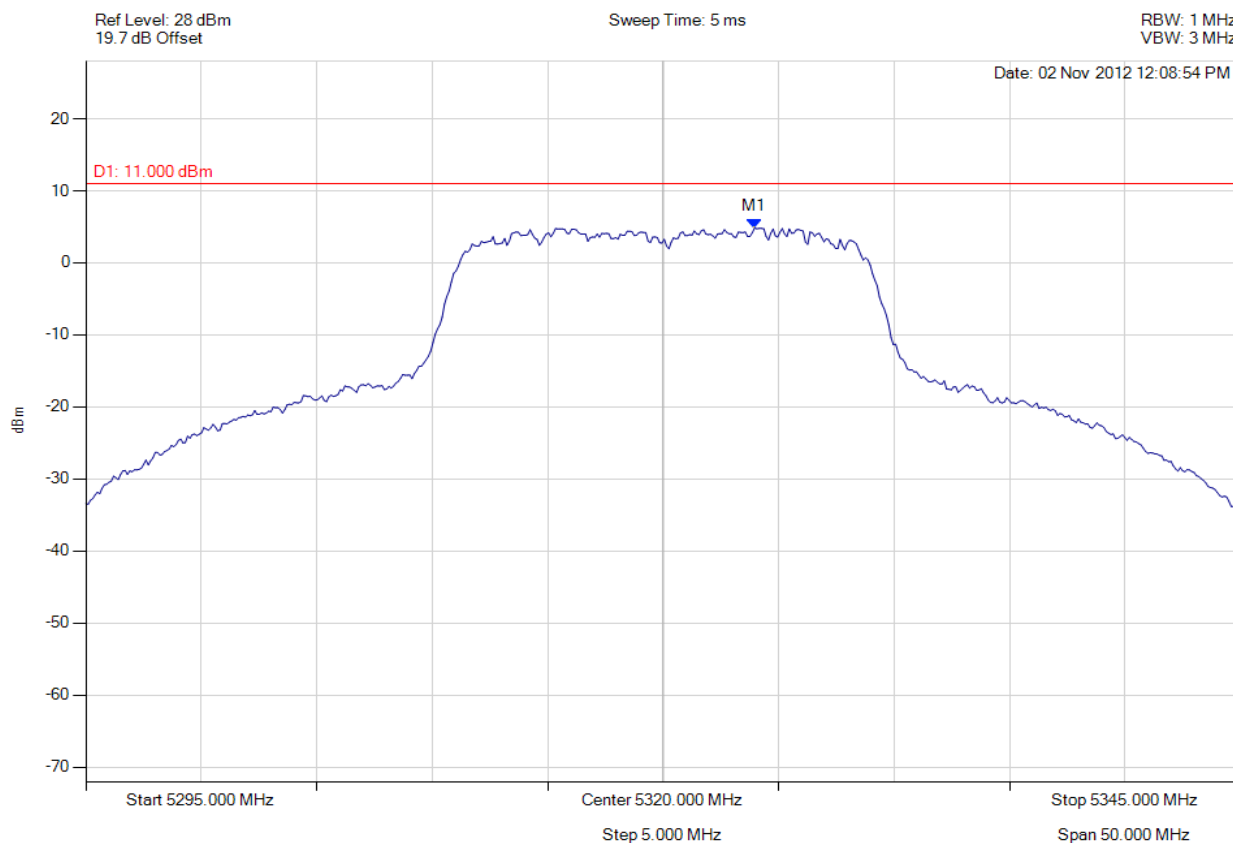


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**power density**

Variant: 802.11n HT-20, Channel: 5320.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude | Test Results                         |
|--|--------------------------------|--------------------------------------|
| Detector = RMS<br>Sweep Count = 100<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5323.958 MHz : 4.823 dBm  | Limit: 8.000 dBm<br>Margin: -3.18 dB |

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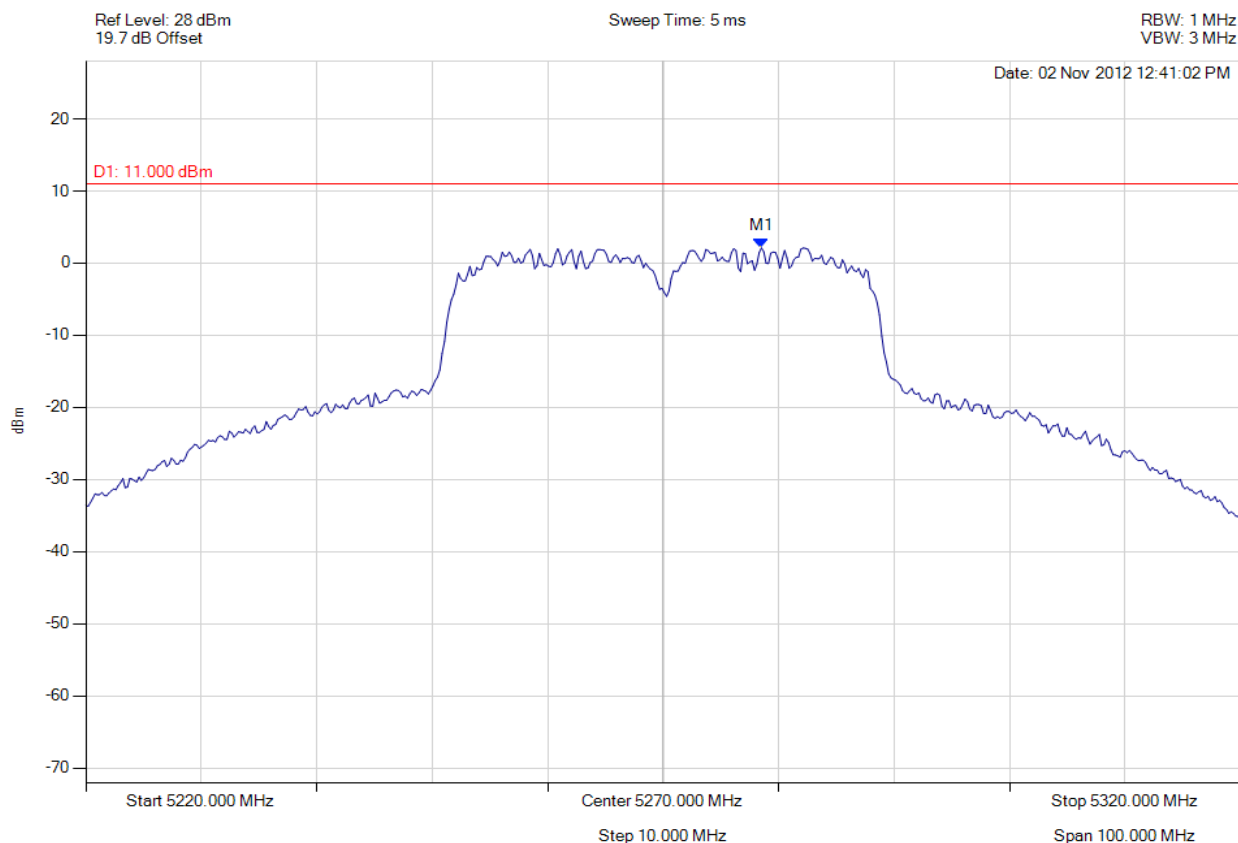


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**power density**

Variant: 802.11n HT-40, Channel: 5270.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude | Test Results                         |
|--|--------------------------------|--------------------------------------|
| Detector = RMS<br>Sweep Count = 100<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5278.517 MHz : 2.113 dBm  | Limit: 8.000 dBm<br>Margin: -5.89 dB |

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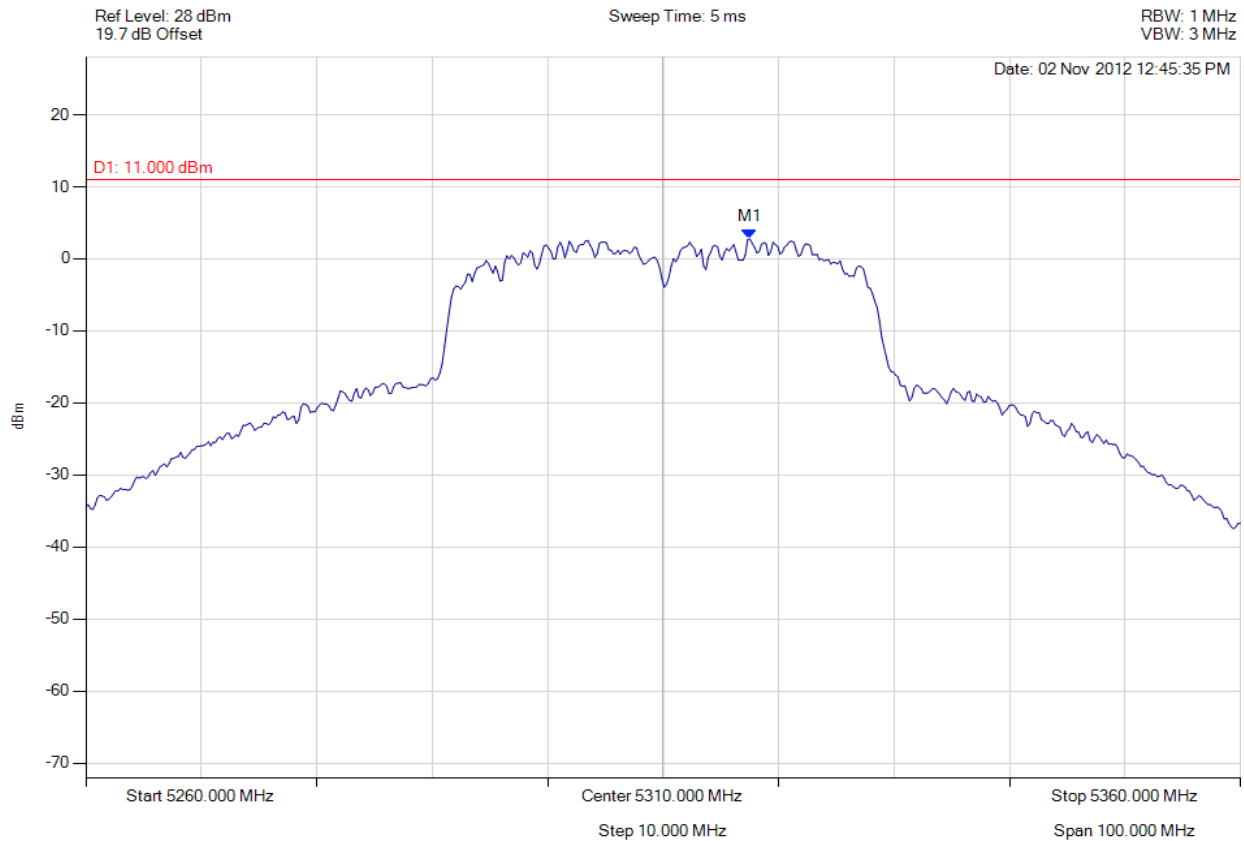


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**power density**

Variant: 802.11n HT-40, Channel: 5310.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude | Test Results                         |
|--|--------------------------------|--------------------------------------|
| Detector = RMS<br>Sweep Count = 100<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5317.515 MHz : 2.748 dBm  | Limit: 8.000 dBm<br>Margin: -5.25 dB |

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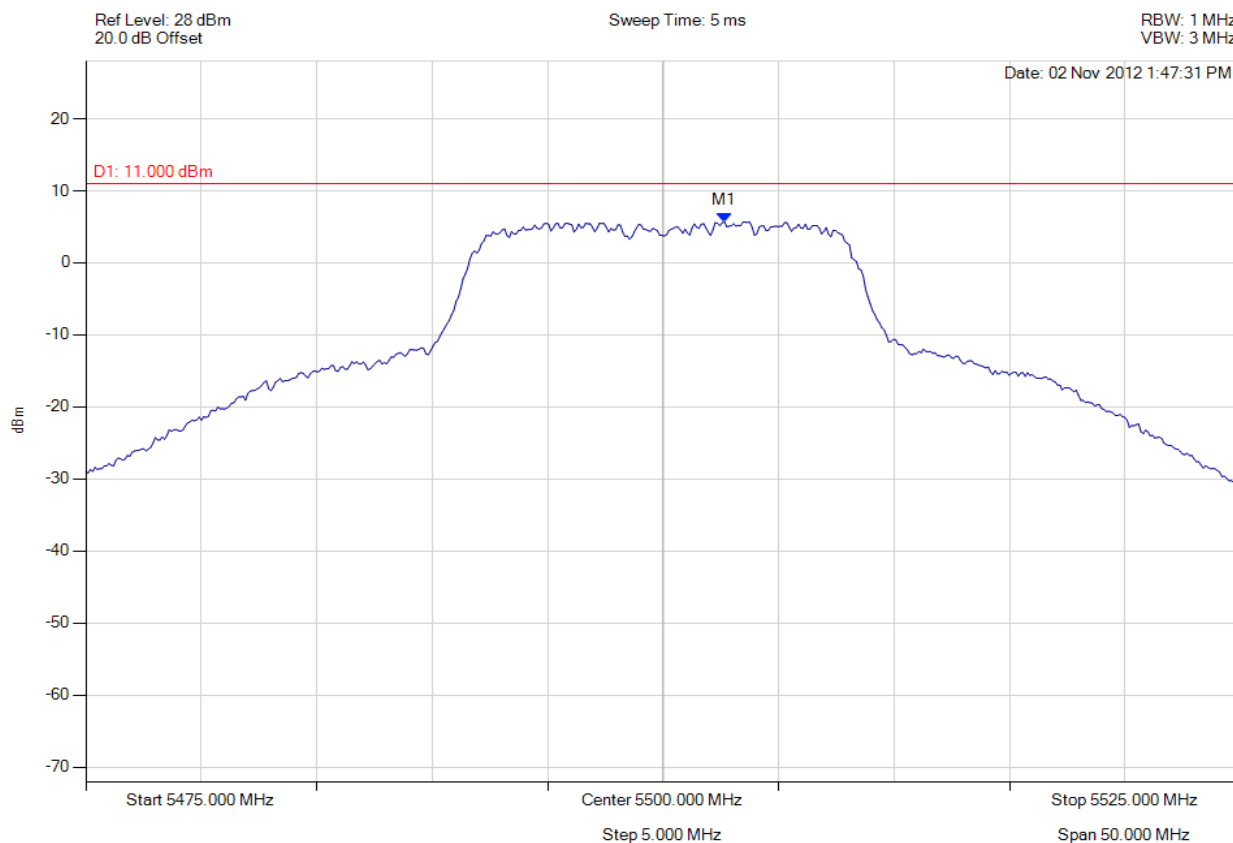


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**power density**

Variant: 802.11a, Channel: 5500.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude | Test Results                         |
|--|--------------------------------|--------------------------------------|
| Detector = RMS<br>Sweep Count = 100<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5502.655 MHz : 5.704 dBm  | Limit: 8.000 dBm<br>Margin: -2.30 dB |

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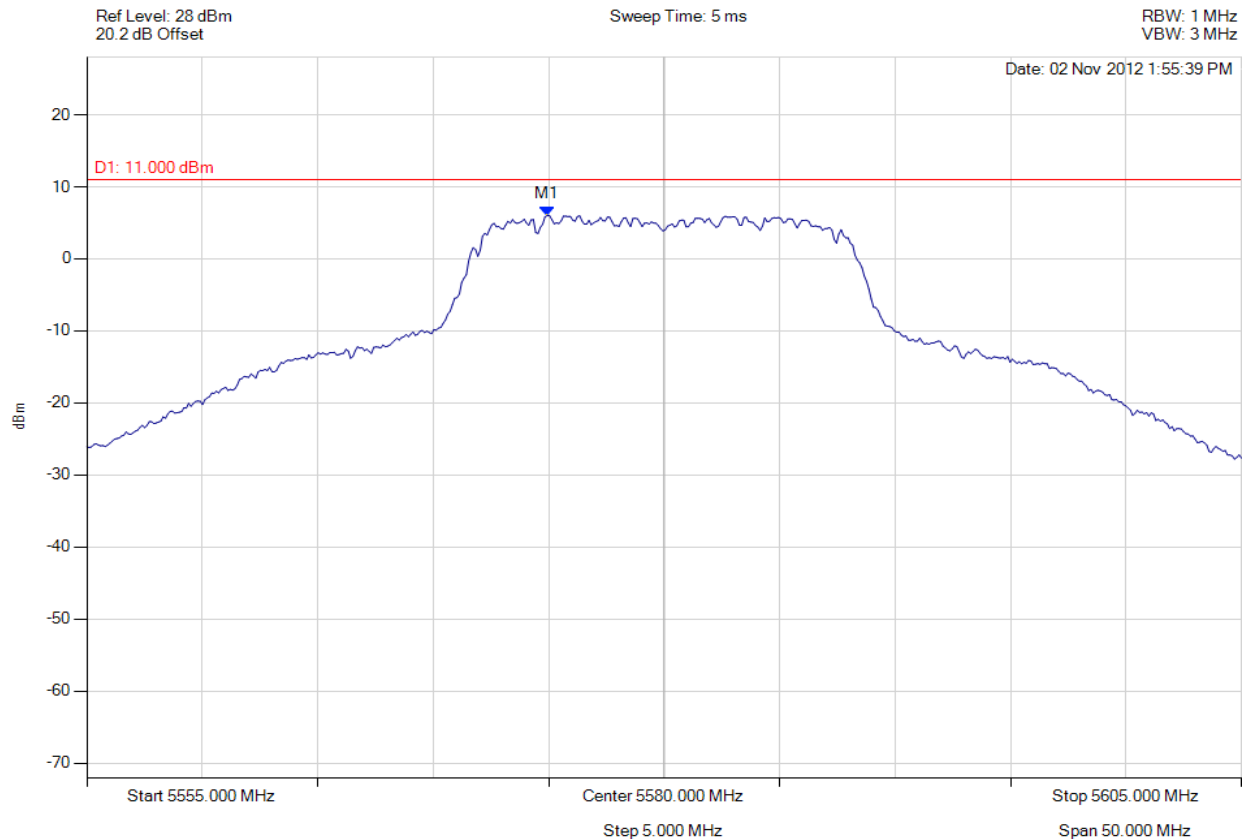


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
**To:** FCC 47 CFR Part 15.407 & IC RSS-210  
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**power density**

Variant: 802.11a, Channel: 5580.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude | Test Results                         |
|--|--------------------------------|--------------------------------------|
| Detector = RMS<br>Sweep Count = 100<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5574.940 MHz : 5.999 dBm  | Limit: 8.000 dBm<br>Margin: -2.00 dB |

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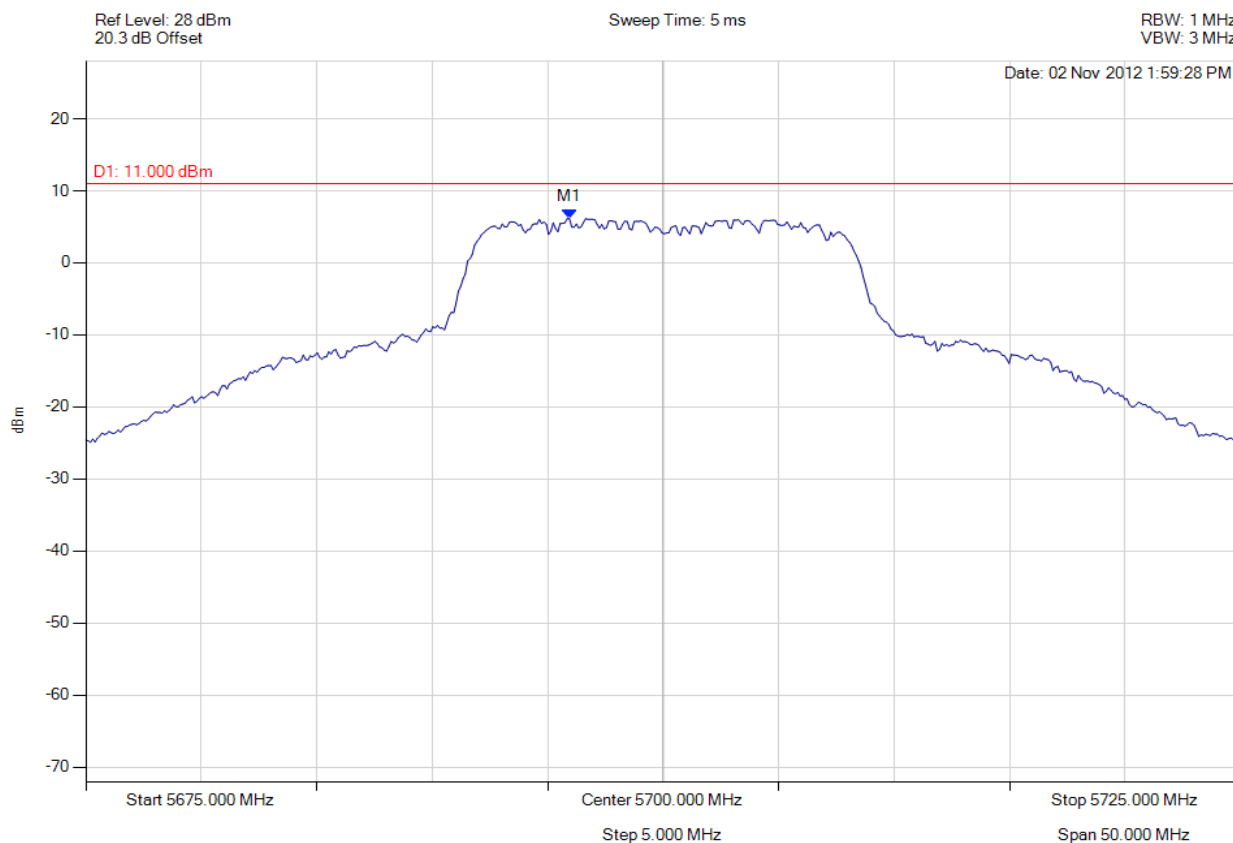


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
**To:** FCC 47 CFR Part 15.407 & IC RSS-210  
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**power density**

Variant: 802.11a, Channel: 5700.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude | Test Results                         |
|--|--------------------------------|--------------------------------------|
| Detector = RMS<br>Sweep Count = 100<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5695.942 MHz : 6.134 dBm  | Limit: 8.000 dBm<br>Margin: -1.87 dB |

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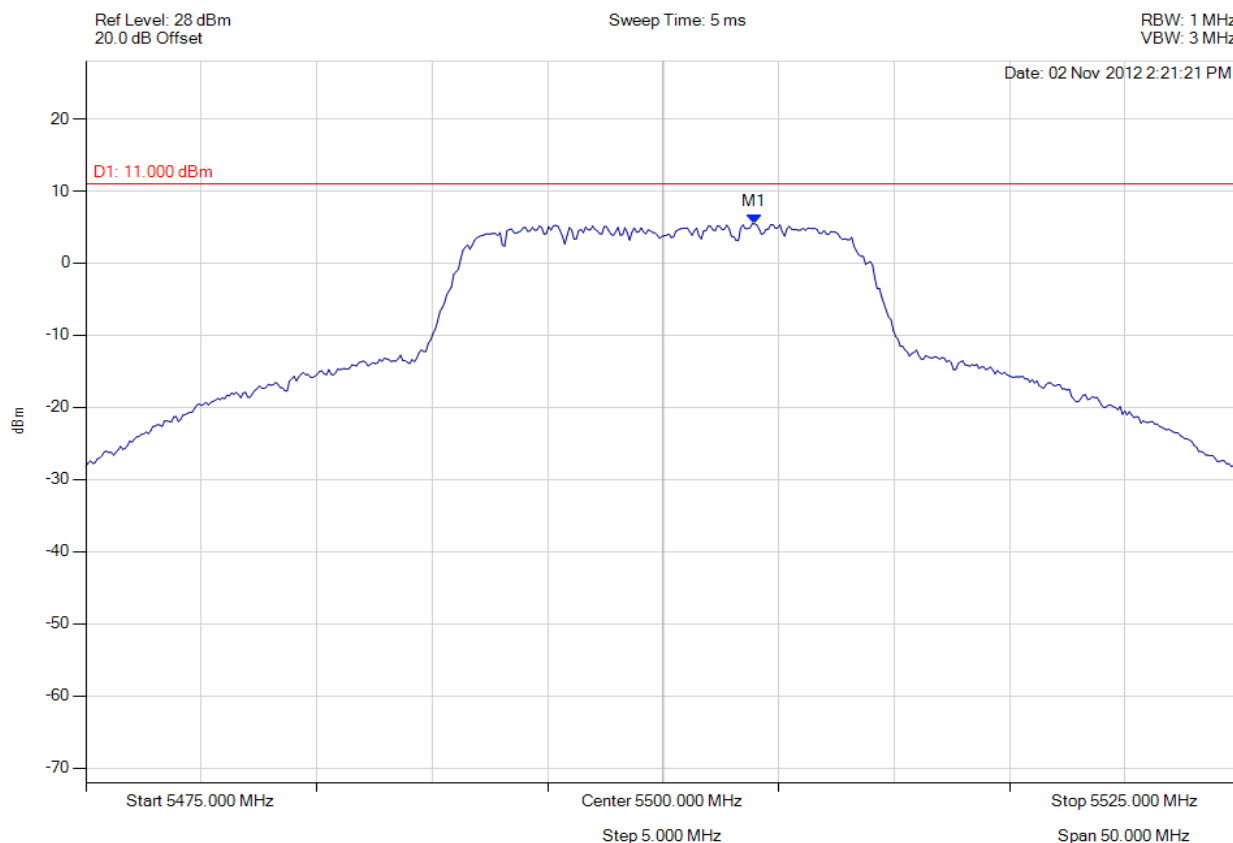


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**power density**

Variant: 802.11n HT-20, Channel: 5500.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude | Test Results                         |
|--|--------------------------------|--------------------------------------|
| Detector = RMS<br>Sweep Count = 100<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5503.958 MHz : 5.459 dBm  | Limit: 8.000 dBm<br>Margin: -2.54 dB |

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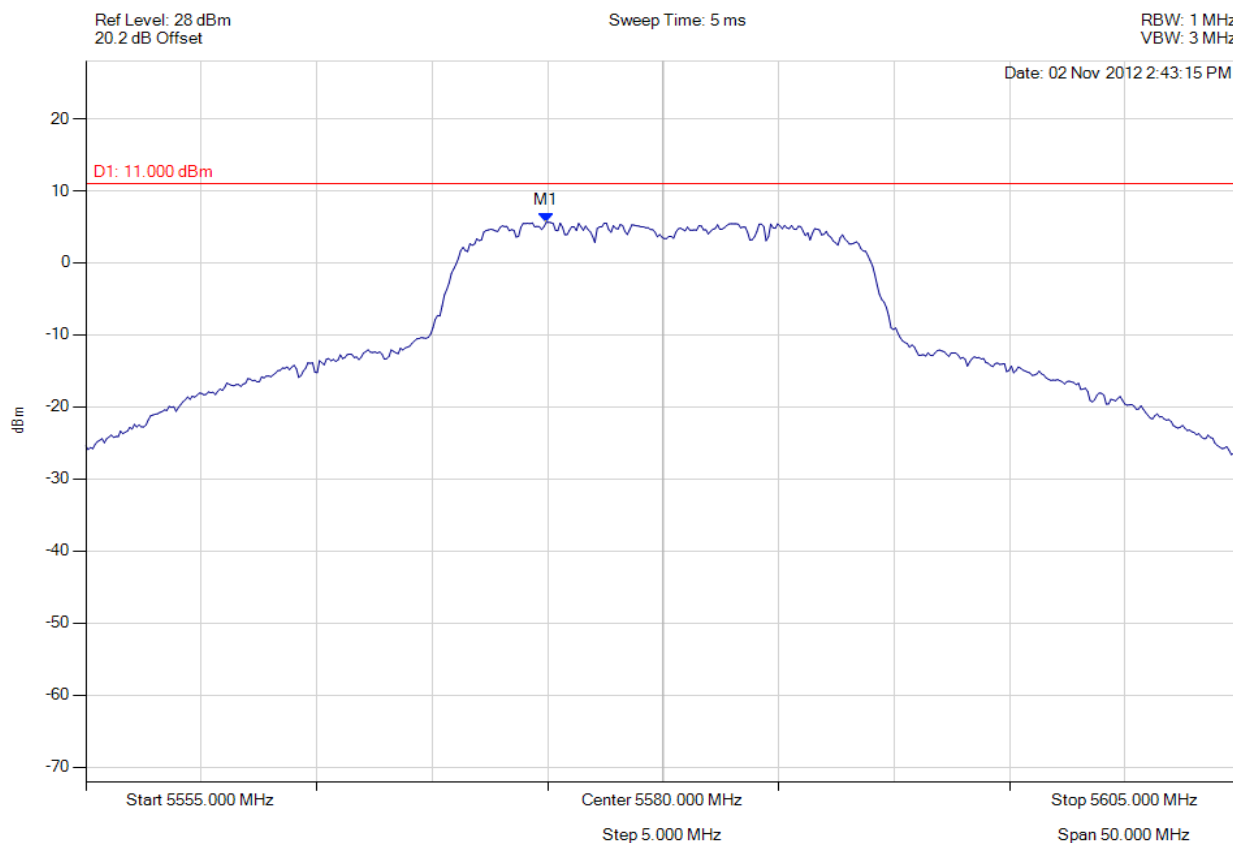


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**power density**

Variant: 802.11n HT-20, Channel: 5580.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude | Test Results                         |
|--|--------------------------------|--------------------------------------|
| Detector = RMS<br>Sweep Count = 100<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5574.940 MHz : 5.646 dBm  | Limit: 8.000 dBm<br>Margin: -2.35 dB |

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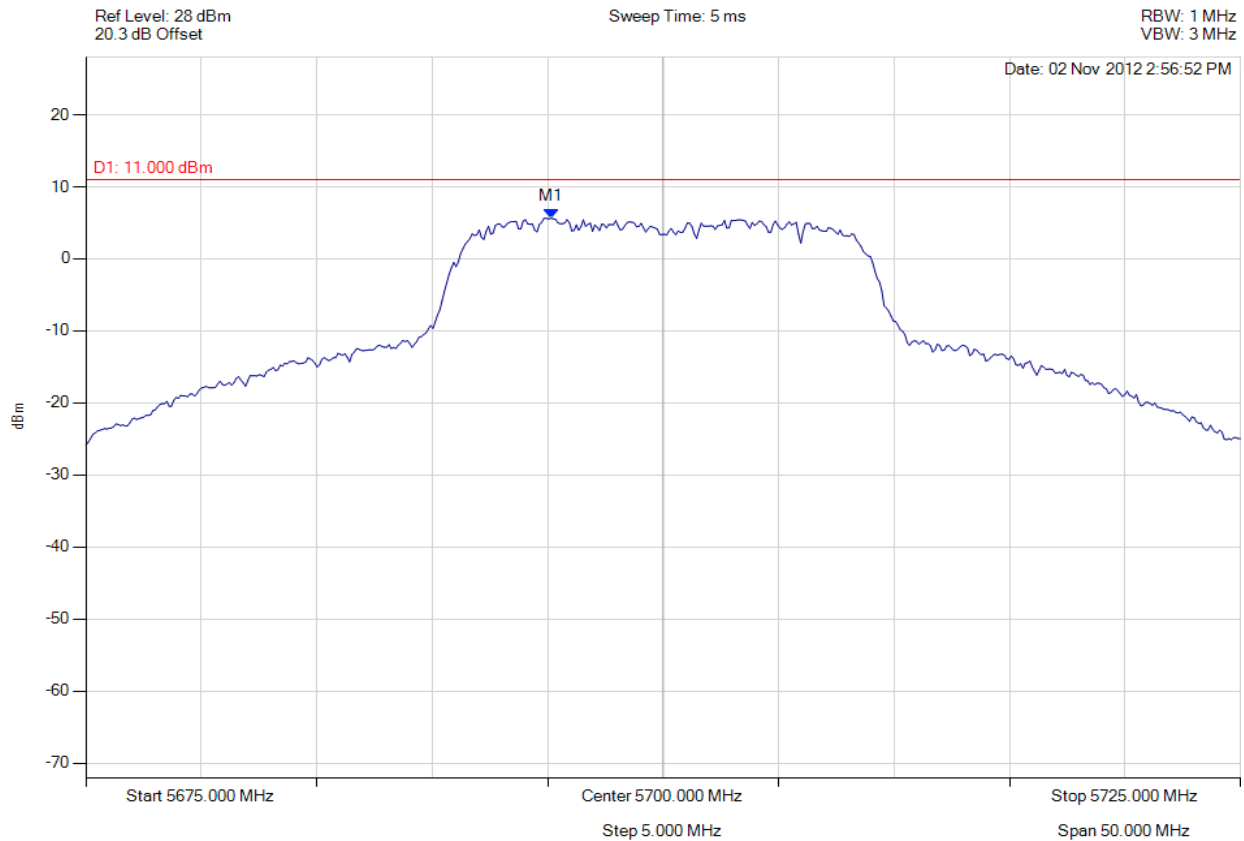


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**power density**

Variant: 802.11n HT-20, Channel: 5700.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude | Test Results                         |
|--|--------------------------------|--------------------------------------|
| Detector = RMS<br>Sweep Count = 100<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5695.140 MHz : 5.630 dBm  | Limit: 8.000 dBm<br>Margin: -2.37 dB |

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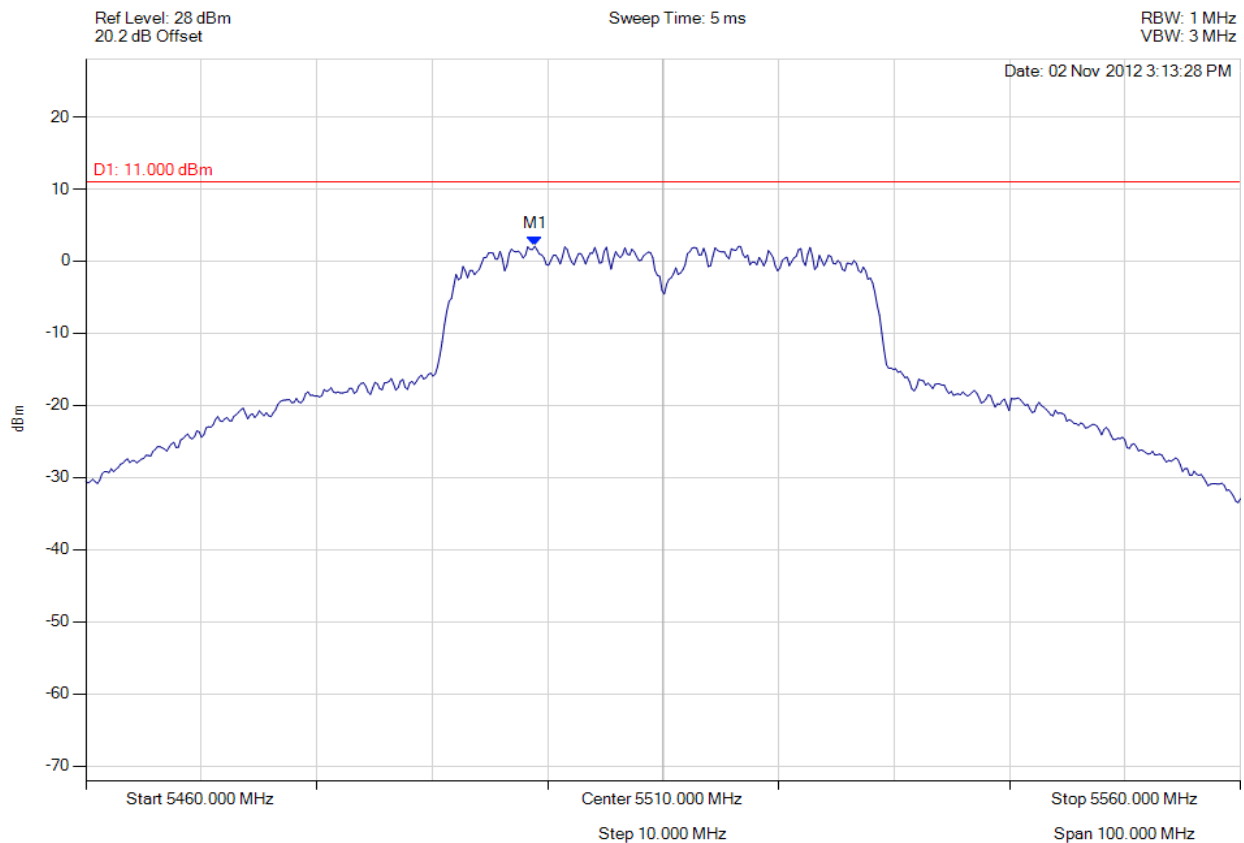


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**power density**

Variant: 802.11n HT-40, Channel: 5510.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude | Test Results                         |
|--|--------------------------------|--------------------------------------|
| Detector = RMS<br>Sweep Count = 100<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5498.878 MHz : 2.062 dBm  | Limit: 8.000 dBm<br>Margin: -5.94 dB |

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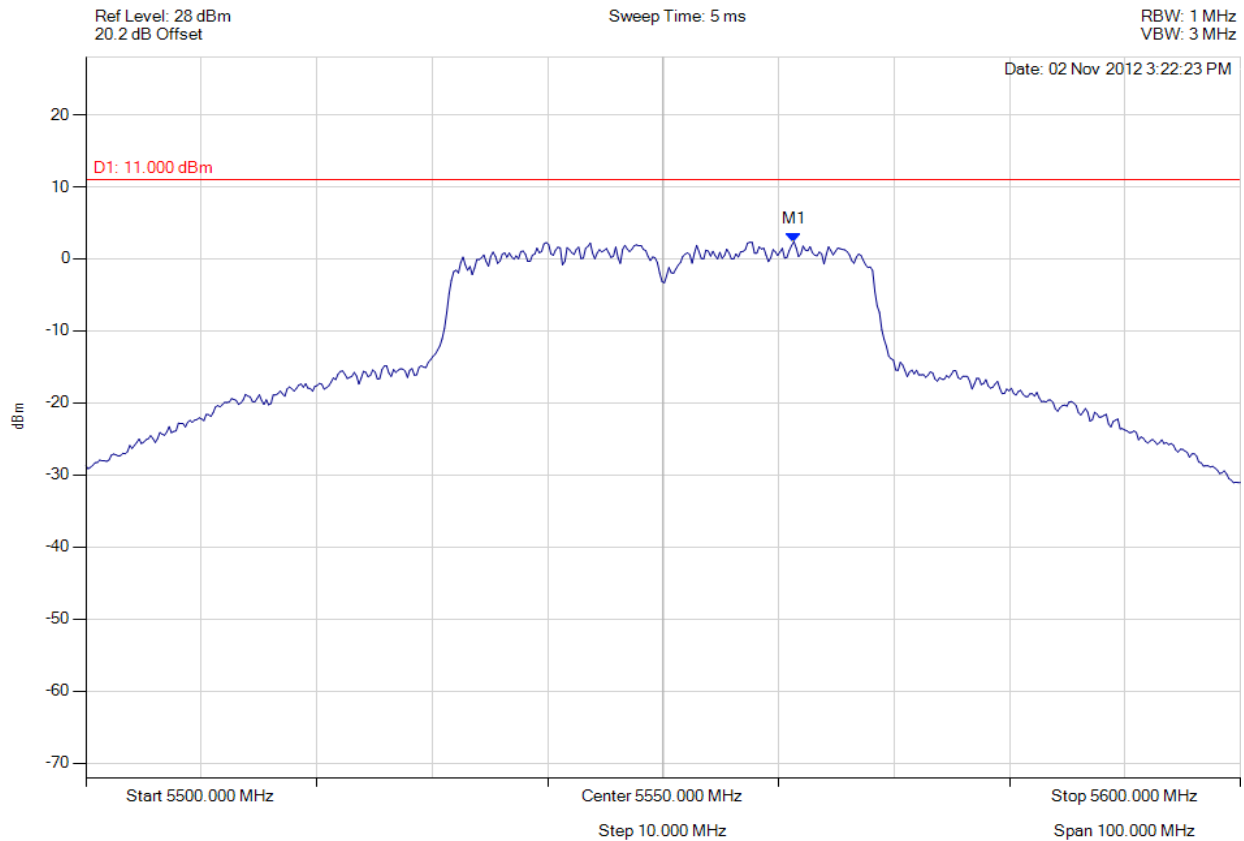


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**power density**

Variant: 802.11n HT-40, Channel: 5550.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude | Test Results                         |
|--|--------------------------------|--------------------------------------|
| Detector = RMS<br>Sweep Count = 100<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5561.323 MHz : 2.386 dBm  | Limit: 8.000 dBm<br>Margin: -5.61 dB |

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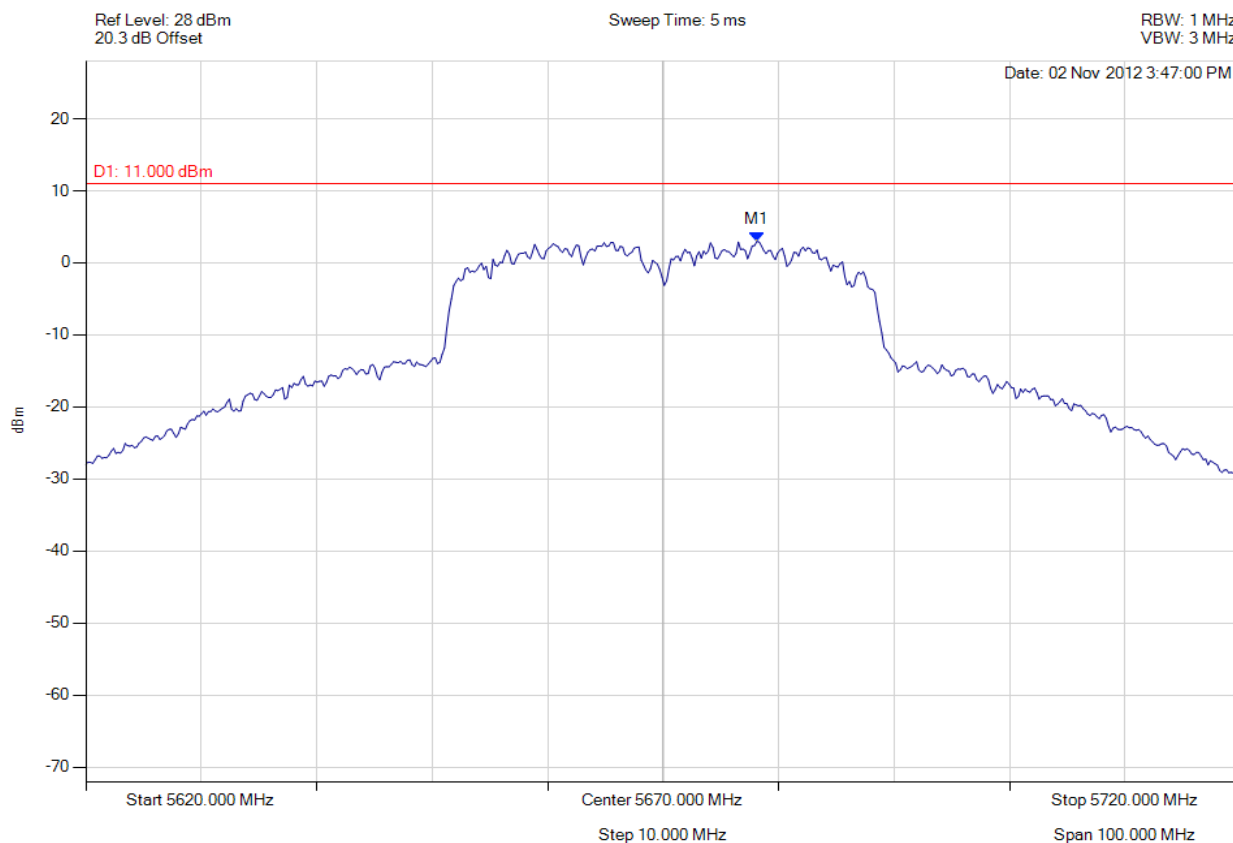


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**power density**

Variant: 802.11n HT-40, Channel: 5670.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude | Test Results                         |
|--|--------------------------------|--------------------------------------|
| Detector = RMS<br>Sweep Count = 100<br>RF Atten (dB) = 20<br>Trace Mode = VIEW | M1 : 5678.116 MHz : 2.982 dBm  | Limit: 8.000 dBm<br>Margin: -5.02 dB |

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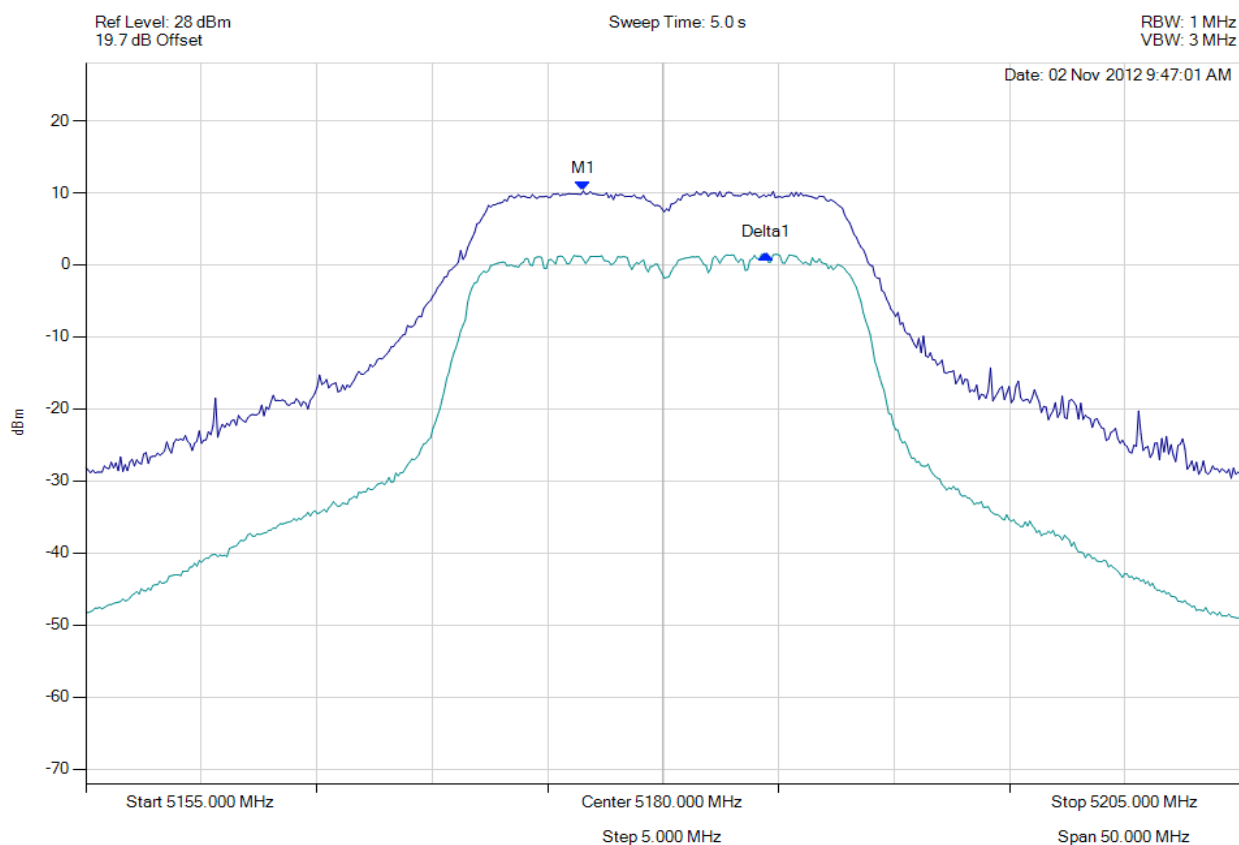
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### A.1.3. Peak Excursion Ratio



#### peak excursion

Variant: 802.11a, Channel: 5180.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude                                     | Test Results   |
|--|--|--|
| Sweep Count = 0<br>RF Atten (dB) = 30<br>TRACE 1<br>Detector = MAX PEAK<br>Trace Mode = VIEW<br>TRACE 2<br>Detector = RMS<br>Trace Mode = VIEW | M1 : 5176.543 MHz : 10.263 dBm<br>Delta1 : 5179.16 MHz : -8.775 dB | Measured Excursion Ratio: 8.78 dB<br>Limit: -13.0 dB<br>Margin: -4.22 dB |

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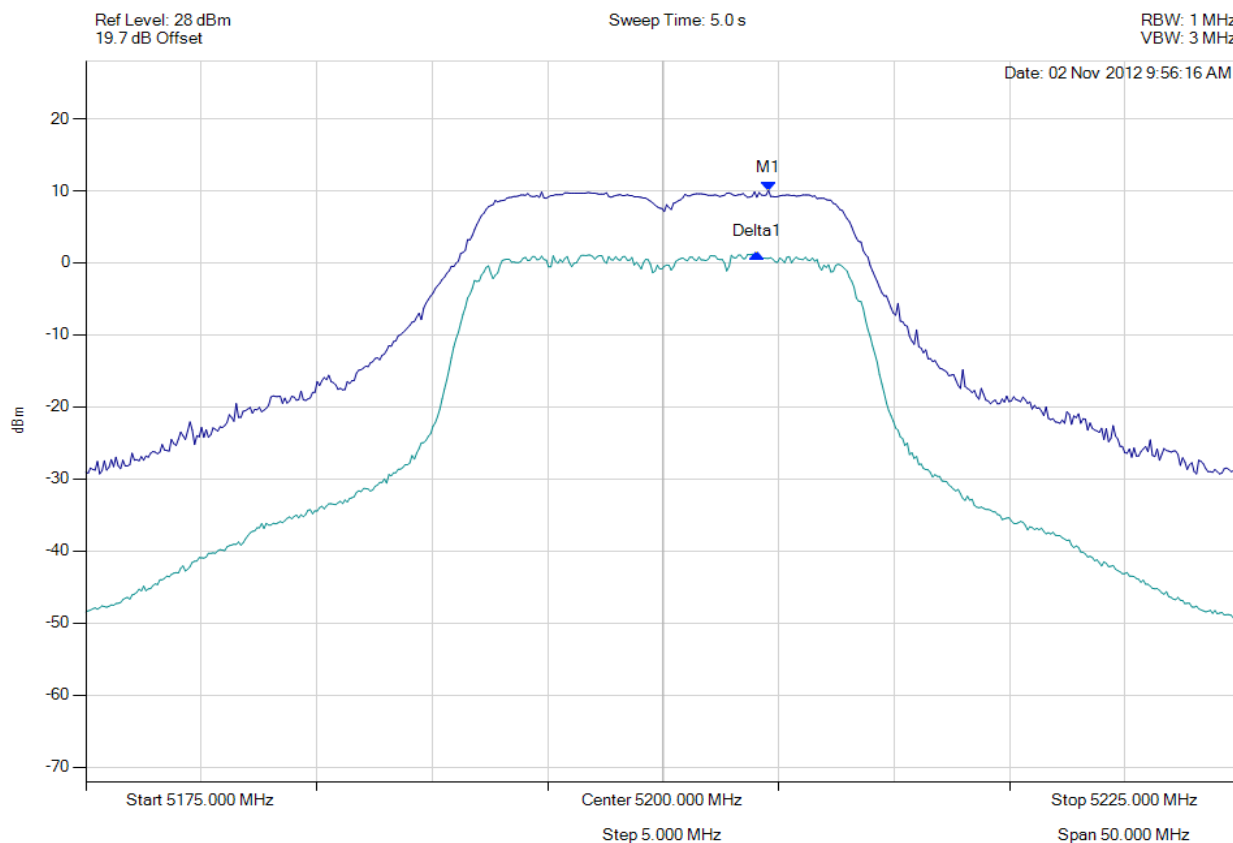


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#### peak excursion

Variant: 802.11a, Channel: 5200.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude                                    | Test Results   |
|--|---|--|
| Sweep Count = 0<br>RF Atten (dB) = 30<br>TRACE 1<br>Detector = MAX PEAK<br>Trace Mode = VIEW<br>TRACE 2<br>Detector = RMS<br>Trace Mode = VIEW | M1 : 5204.559 MHz : 10.046 dBm<br>Delta1 : -501002 Hz : -8.759 dB | Measured Excursion Ratio: 8.76 dB<br>Limit: -13.0 dB<br>Margin: -4.24 dB |

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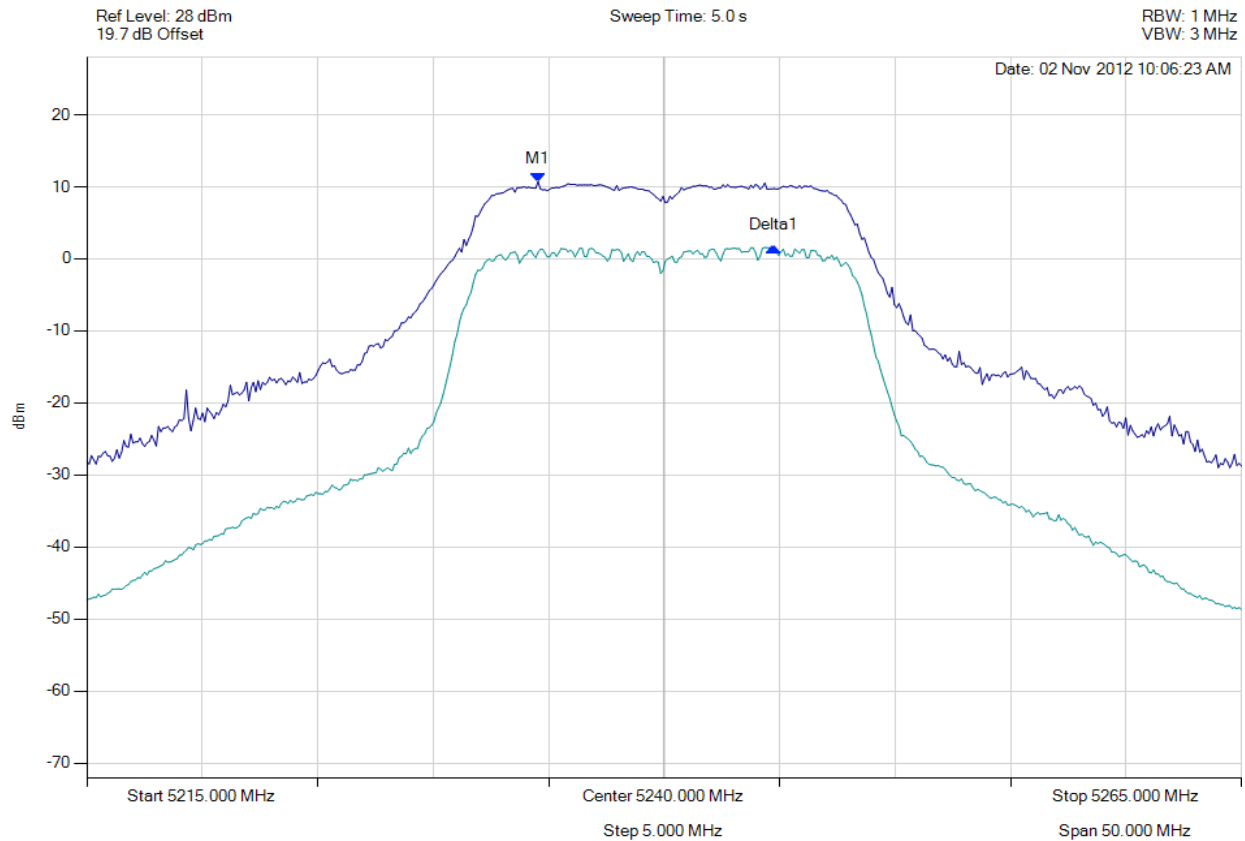


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**peak excursion**

Variant: 802.11a, Channel: 5240.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude                                    | Test Results   |
|--|---|--|
| Sweep Count = 0<br>RF Atten (dB) = 30<br>TRACE 1<br>Detector = MAX PEAK<br>Trace Mode = VIEW<br>TRACE 2<br>Detector = RMS<br>Trace Mode = VIEW | M1 : 5234.539 MHz : 10.718 dBm<br>Delta1 : 10.220 MHz : -9.132 dB | Measured Excursion Ratio: 9.13 dB<br>Limit: -13.0 dB<br>Margin: -3.87 dB |

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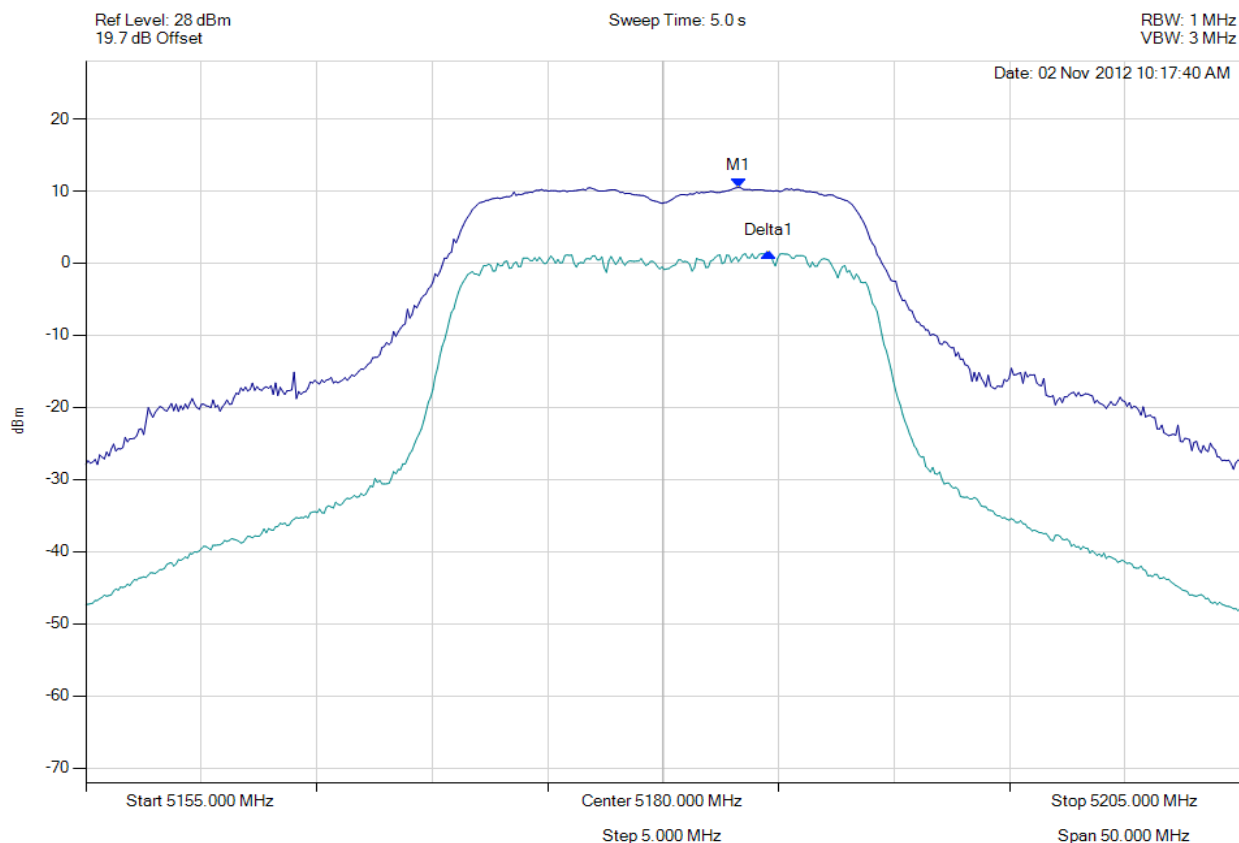


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**peak excursion**

Variant: 802.11n HT-20, Channel: 5180.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude                                   | Test Results   |
|--|--|--|
| Sweep Count = 0<br>RF Atten (dB) = 30<br>TRACE 1<br>Detector = MAX PEAK<br>Trace Mode = VIEW<br>TRACE 2<br>Detector = RMS<br>Trace Mode = VIEW | M1 : 5183.257 MHz : 10.494 dBm<br>Delta1 : 1.303 MHz : -9.091 dB | Measured Excursion Ratio: 9.09 dB<br>Limit: -13.0 dB<br>Margin: -3.91 dB |

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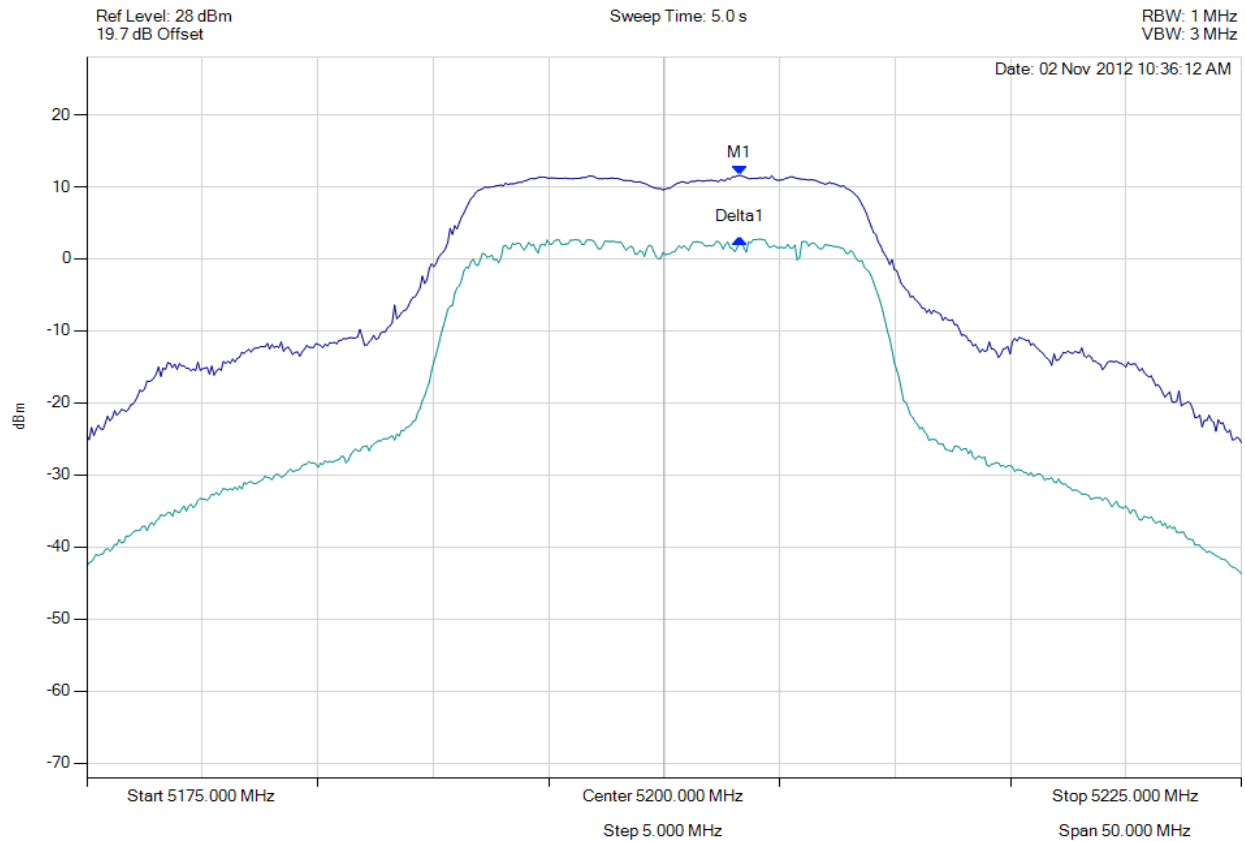


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**peak excursion**

Variant: 802.11n HT-20, Channel: 5200.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude                              | Test Results   |
|--|---|--|
| Sweep Count = 0<br>RF Atten (dB) = 30<br>TRACE 1<br>Detector = MAX PEAK<br>Trace Mode = VIEW<br>TRACE 2<br>Detector = RMS<br>Trace Mode = VIEW | M1 : 5203.257 MHz : 11.594 dBm<br>Delta1 : 0 Hz : -8.848 dB | Measured Excursion Ratio: 8.85 dB<br>Limit: -13.0 dB<br>Margin: -4.15 dB |

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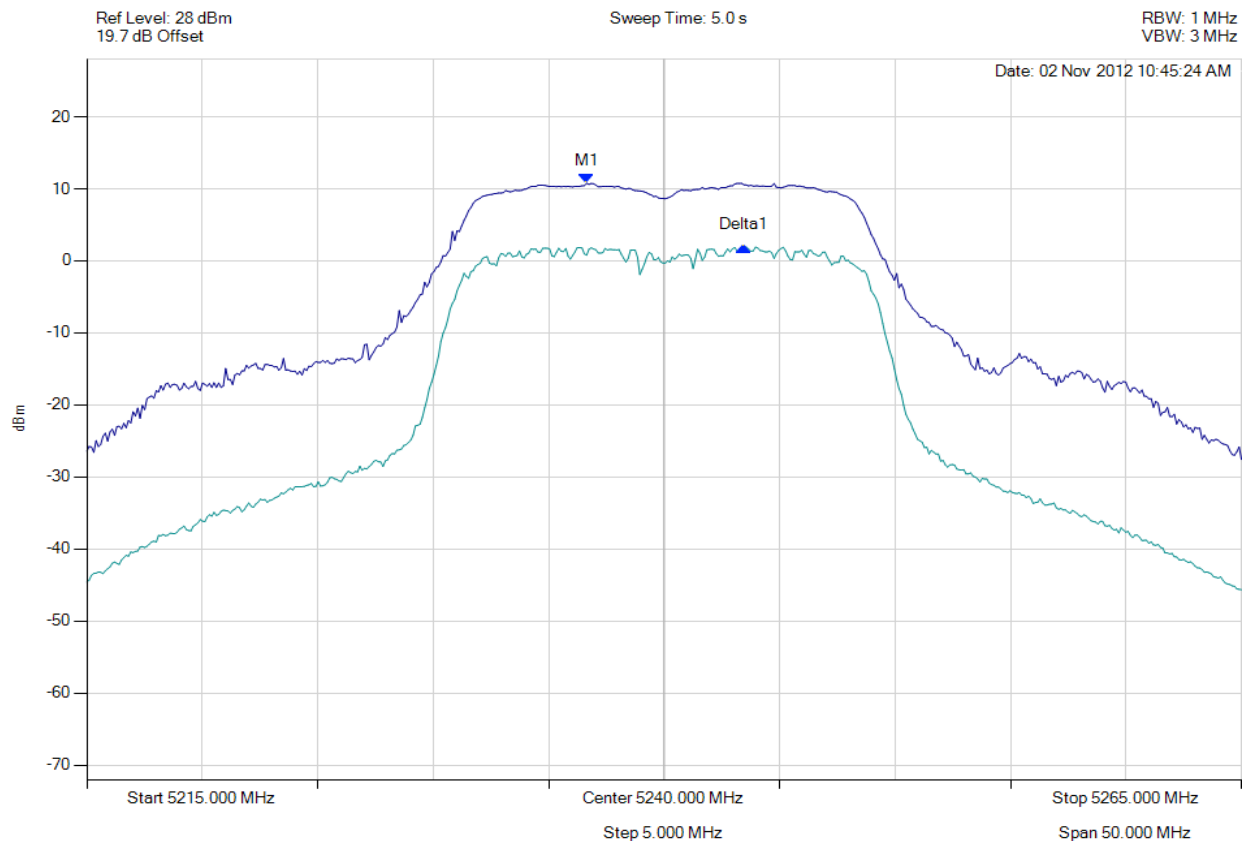


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**peak excursion**

Variant: 802.11n HT-20, Channel: 5240.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude                                   | Test Results   |
|--|--|--|
| Sweep Count = 0<br>RF Atten (dB) = 30<br>TRACE 1<br>Detector = MAX PEAK<br>Trace Mode = VIEW<br>TRACE 2<br>Detector = RMS<br>Trace Mode = VIEW | M1 : 5236.643 MHz : 10.766 dBm<br>Delta1 : 6.814 MHz : -8.827 dB | Measured Excursion Ratio: 8.83 dB<br>Limit: -13.0 dB<br>Margin: -4.17 dB |

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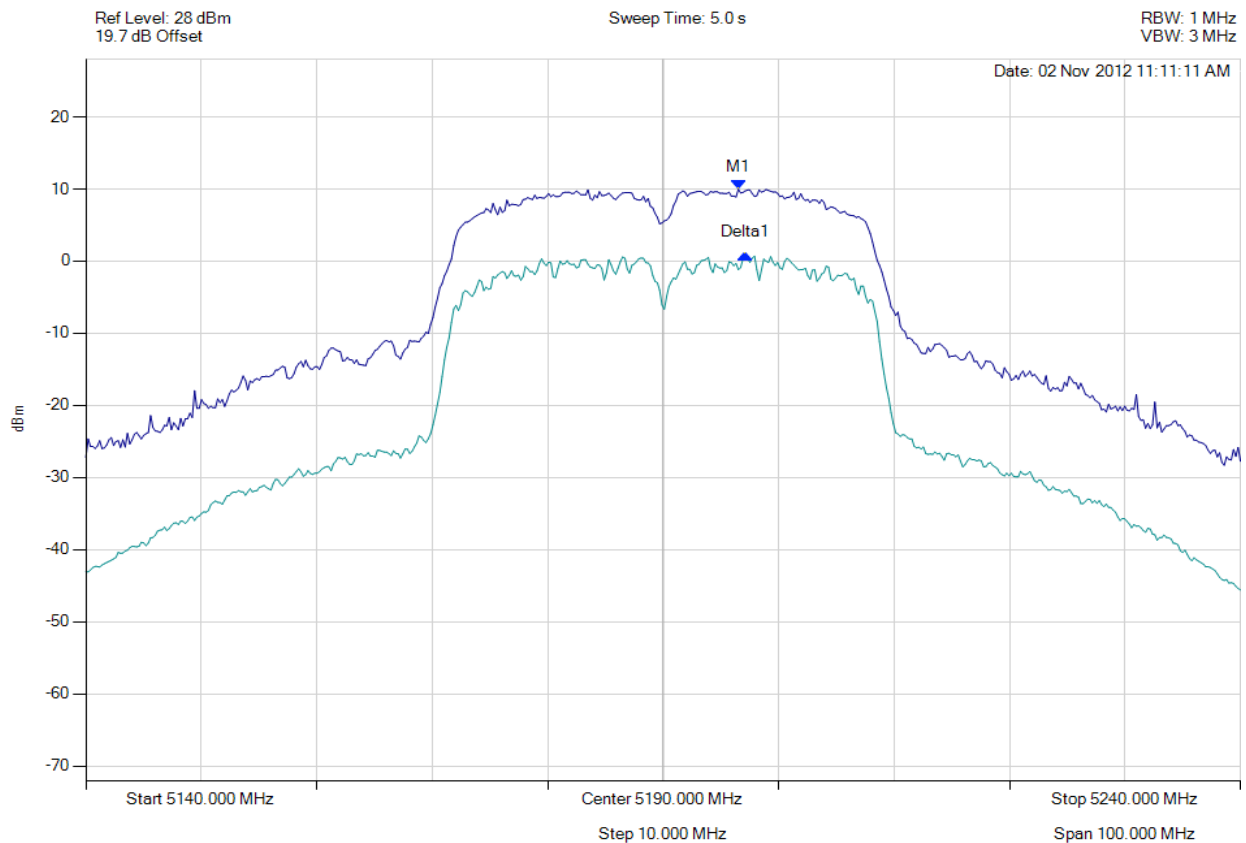


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**peak excursion**

Variant: 802.11n HT-40, Channel: 5190.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude                                | Test Results   |
|--|---|--|
| Sweep Count = 0<br>RF Atten (dB) = 30<br>TRACE 1<br>Detector = MAX PEAK<br>Trace Mode = VIEW<br>TRACE 2<br>Detector = RMS<br>Trace Mode = VIEW | M1 : 5196.513 MHz : 9.971 dBm<br>Delta1 : 601 KHz : -9.081 dB | Measured Excursion Ratio: 9.08 dB<br>Limit: -13.0 dB<br>Margin: -3.92 dB |

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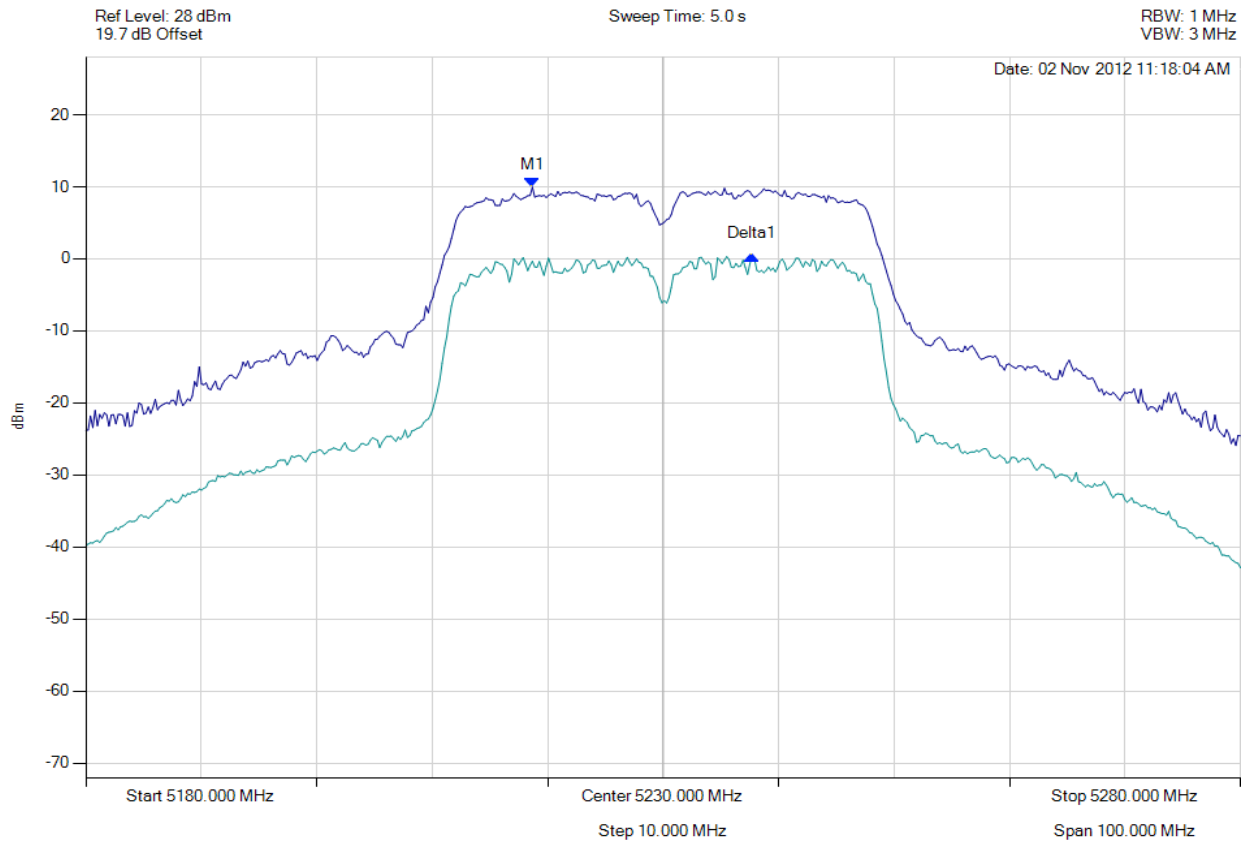


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**peak excursion**

Variant: 802.11n HT-40, Channel: 5230.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude                                   | Test Results   |
|--|--|--|
| Sweep Count = 0<br>RF Atten (dB) = 30<br>TRACE 1<br>Detector = MAX PEAK<br>Trace Mode = VIEW<br>TRACE 2<br>Detector = RMS<br>Trace Mode = VIEW | M1 : 5218.677 MHz : 9.952 dBm<br>Delta1 : 19.038 MHz : -9.434 dB | Measured Excursion Ratio: 9.43 dB<br>Limit: -13.0 dB<br>Margin: -3.57 dB |

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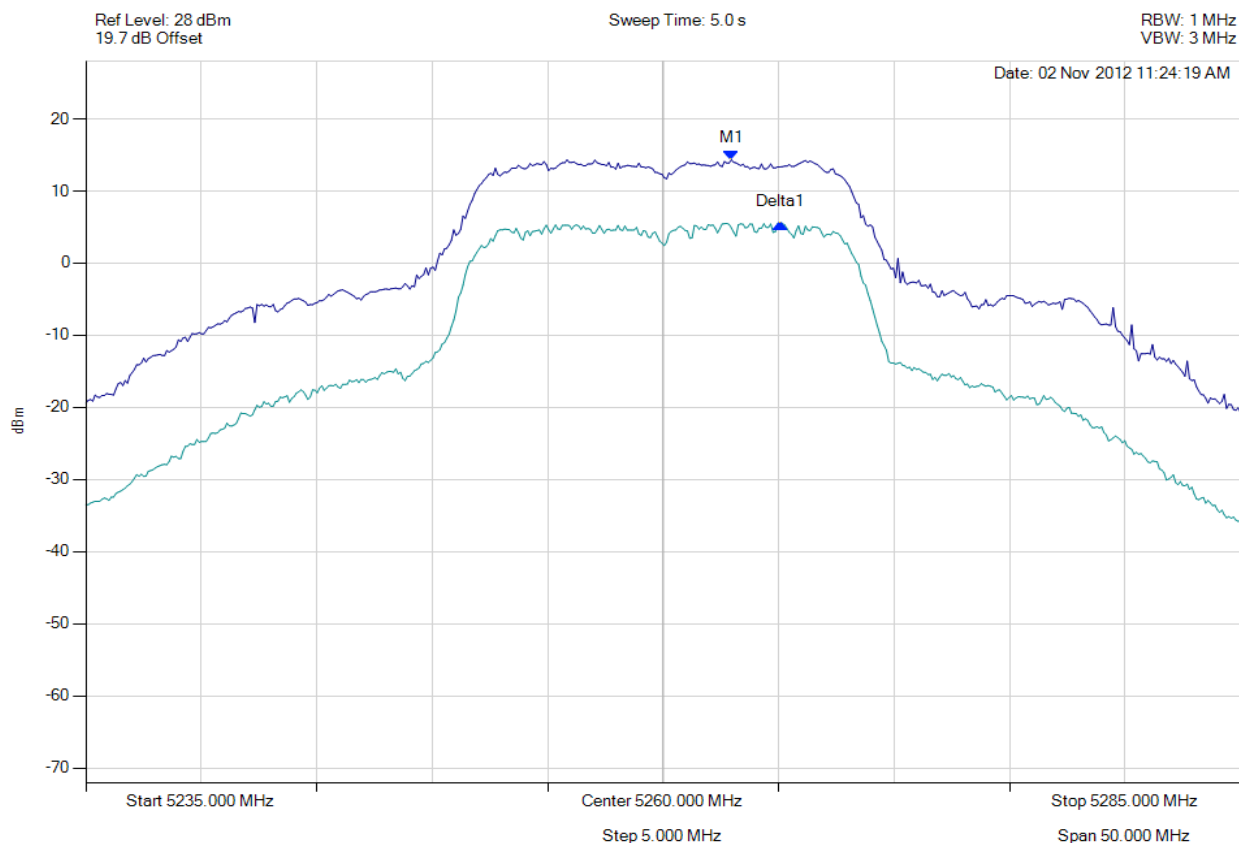


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**peak excursion**

Variant: 802.11a, Channel: 5260.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude                                   | Test Results   |
|--|--|--|
| Sweep Count = 0<br>RF Atten (dB) = 30<br>TRACE 1<br>Detector = MAX PEAK<br>Trace Mode = VIEW<br>TRACE 2<br>Detector = RMS<br>Trace Mode = VIEW | M1 : 5262.956 MHz : 14.328 dBm<br>Delta1 : 2.104 MHz : -8.792 dB | Measured Excursion Ratio: 8.79 dB<br>Limit: -13.0 dB<br>Margin: -4.21 dB |

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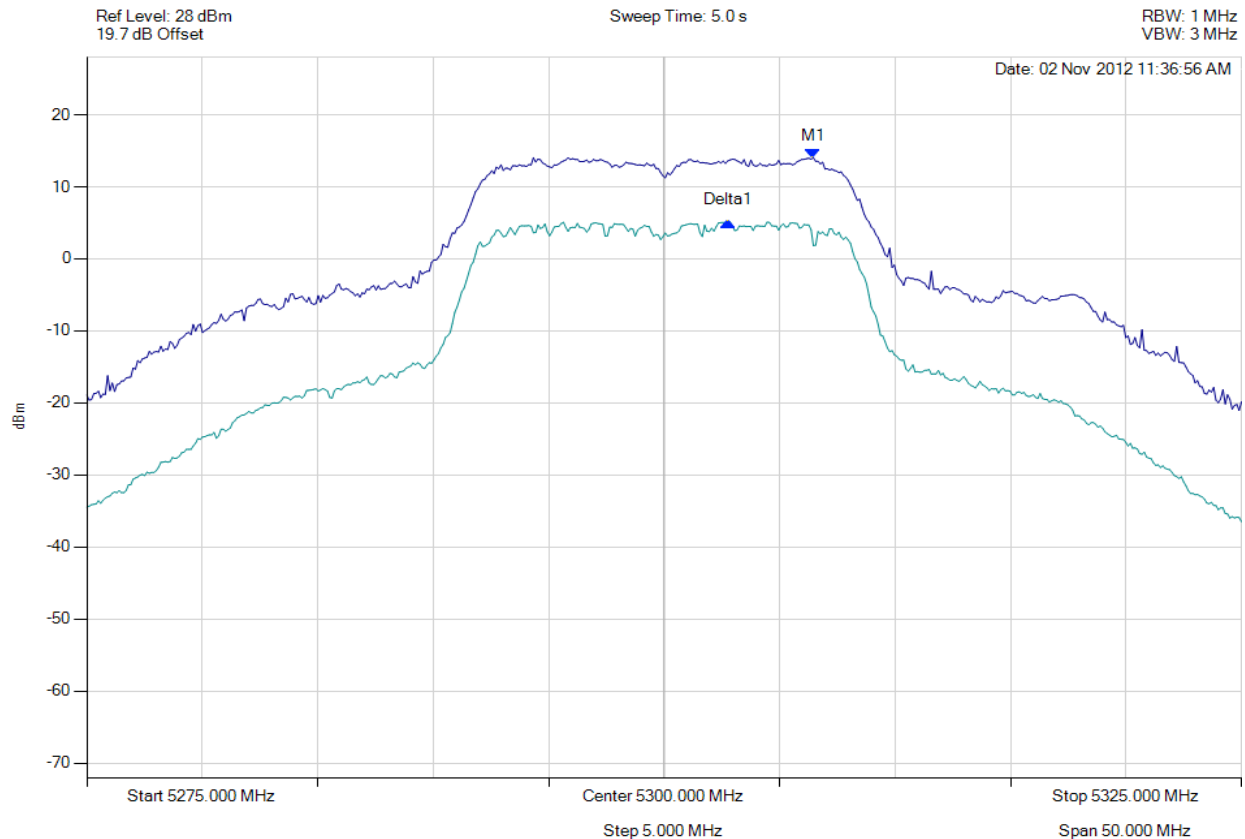


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**peak excursion**

Variant: 802.11a, Channel: 5300.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude                                     | Test Results   |
|--|--|--|
| Sweep Count = 0<br>RF Atten (dB) = 30<br>TRACE 1<br>Detector = MAX PEAK<br>Trace Mode = VIEW<br>TRACE 2<br>Detector = RMS<br>Trace Mode = VIEW | M1 : 5306.463 MHz : 14.039 dBm<br>Delta1 : -3707415 Hz : -8.905 dB | Measured Excursion Ratio: 8.91 dB<br>Limit: -13.0 dB<br>Margin: -4.09 dB |

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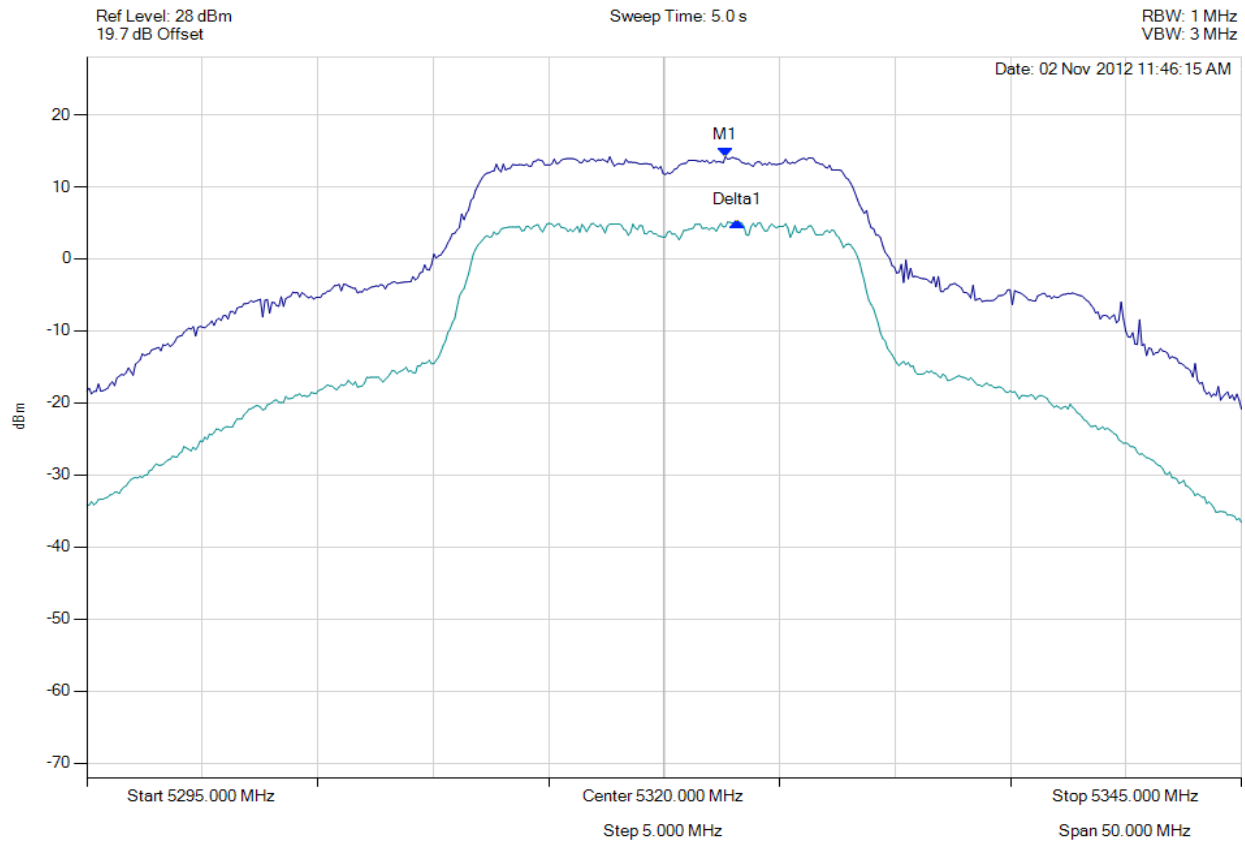


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**peak excursion**

Variant: 802.11a, Channel: 5320.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude                                 | Test Results   |
|--|--|--|
| Sweep Count = 0<br>RF Atten (dB) = 30<br>TRACE 1<br>Detector = MAX PEAK<br>Trace Mode = VIEW<br>TRACE 2<br>Detector = RMS<br>Trace Mode = VIEW | M1 : 5322.655 MHz : 14.172 dBm<br>Delta1 : 501 KHz : -9.052 dB | Measured Excursion Ratio: 9.05 dB<br>Limit: -13.0 dB<br>Margin: -3.95 dB |

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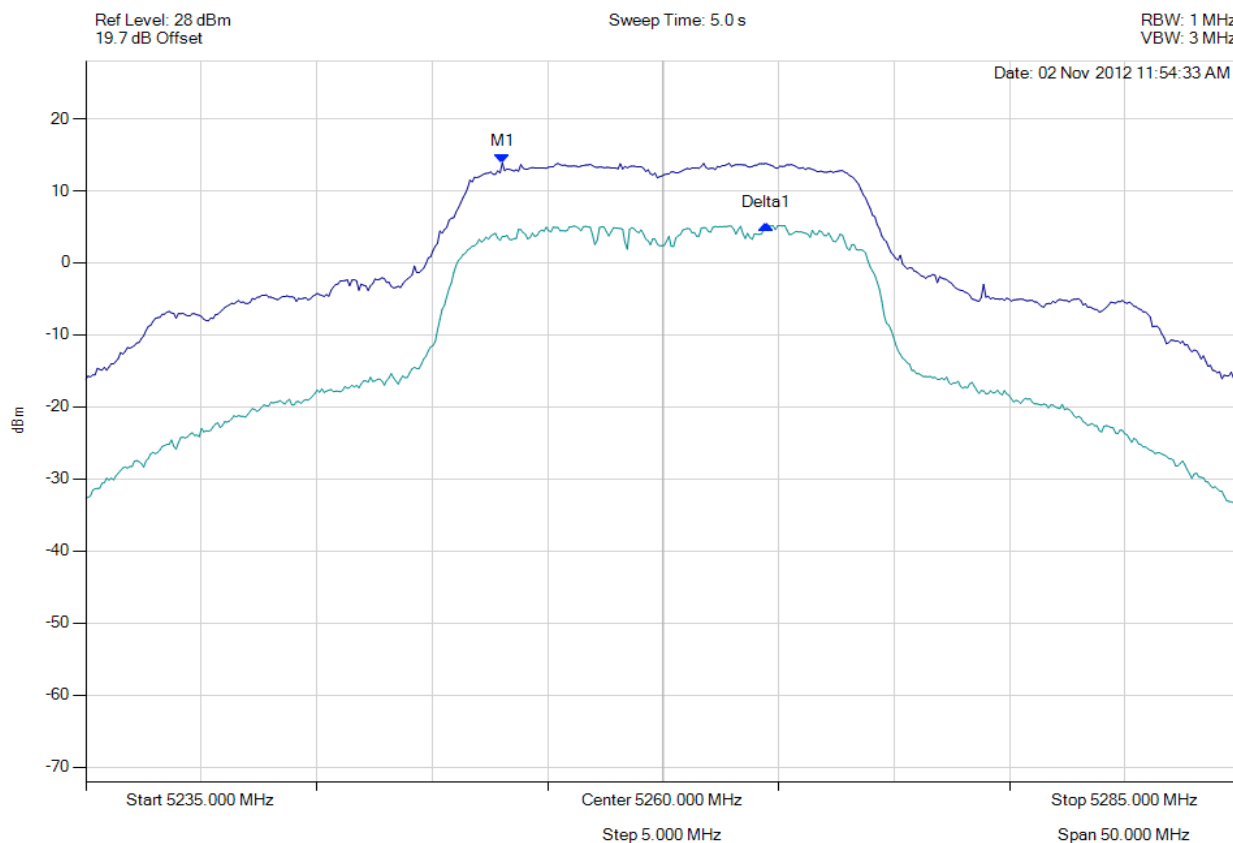


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**peak excursion**

Variant: 802.11n HT-20, Channel: 5260.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude                                      | Test Results   |
|--|---|--|
| Sweep Count = 0<br>RF Atten (dB) = 30<br>TRACE 1<br>Detector = MAX PEAK<br>Trace Mode = VIEW<br>TRACE 2<br>Detector = RMS<br>Trace Mode = VIEW | M1 : 5253.036 MHz : 13.881 dBm<br>Delta1 : 5253.036 MHz : -8.630 dB | Measured Excursion Ratio: 8.63 dB<br>Limit: -13.0 dB<br>Margin: -4.37 dB |

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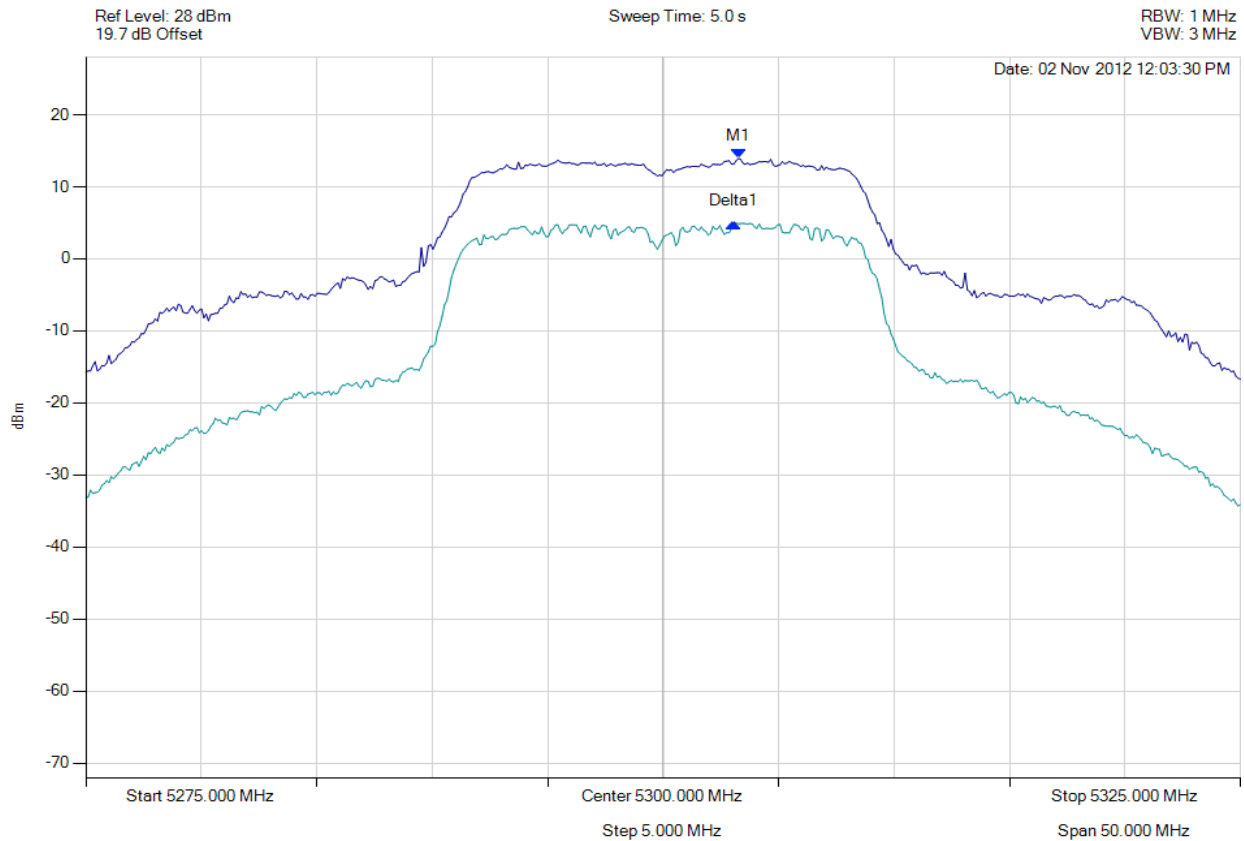


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**peak excursion**

Variant: 802.11n HT-20, Channel: 5300.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude                                    | Test Results   |
|--|---|--|
| Sweep Count = 0<br>RF Atten (dB) = 30<br>TRACE 1<br>Detector = MAX PEAK<br>Trace Mode = VIEW<br>TRACE 2<br>Detector = RMS<br>Trace Mode = VIEW | M1 : 5303.257 MHz : 13.949 dBm<br>Delta1 : -200401 Hz : -8.960 dB | Measured Excursion Ratio: 8.96 dB<br>Limit: -13.0 dB<br>Margin: -4.04 dB |

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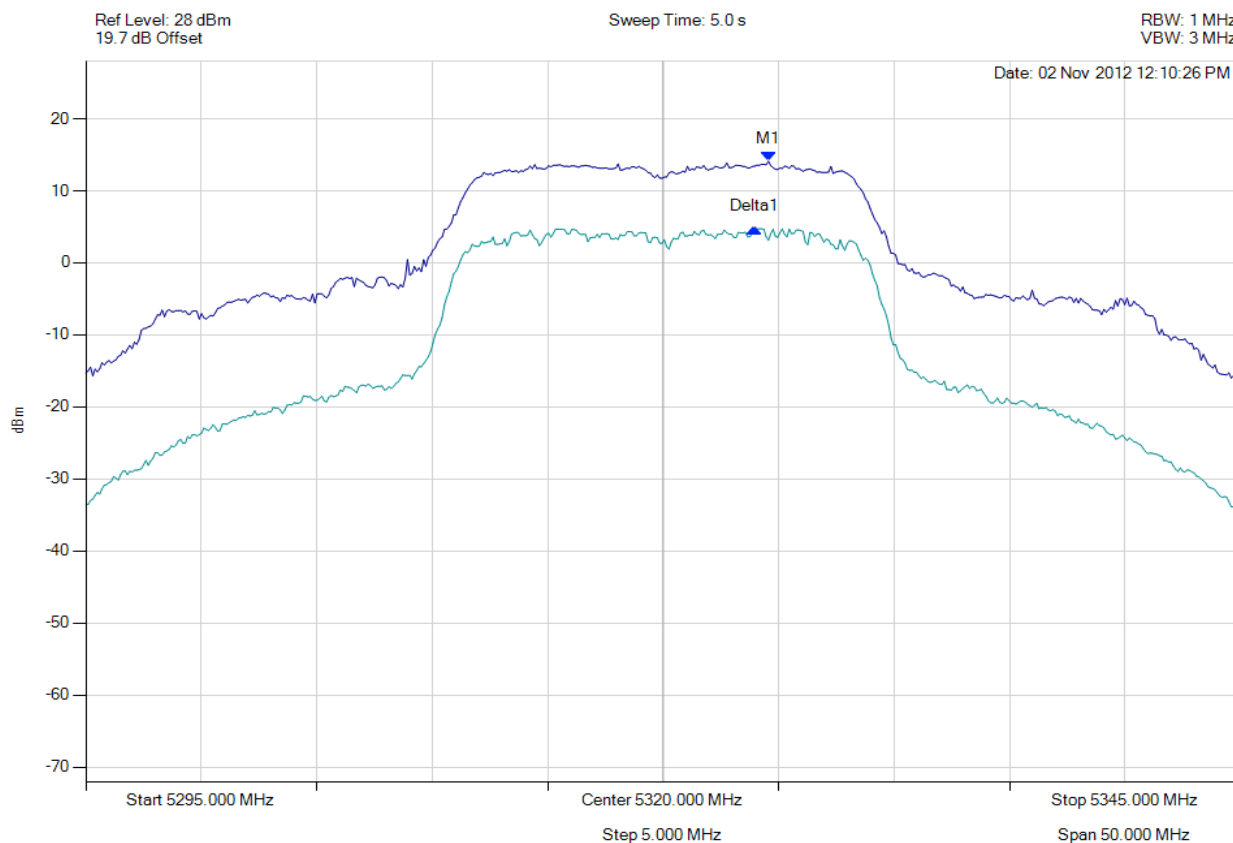


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**peak excursion**

Variant: 802.11n HT-20, Channel: 5320.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude                                    | Test Results   |
|--|---|--|
| Sweep Count = 0<br>RF Atten (dB) = 30<br>TRACE 1<br>Detector = MAX PEAK<br>Trace Mode = VIEW<br>TRACE 2<br>Detector = RMS<br>Trace Mode = VIEW | M1 : 5324.559 MHz : 14.089 dBm<br>Delta1 : -601202 Hz : -9.315 dB | Measured Excursion Ratio: 9.32 dB<br>Limit: -13.0 dB<br>Margin: -3.68 dB |

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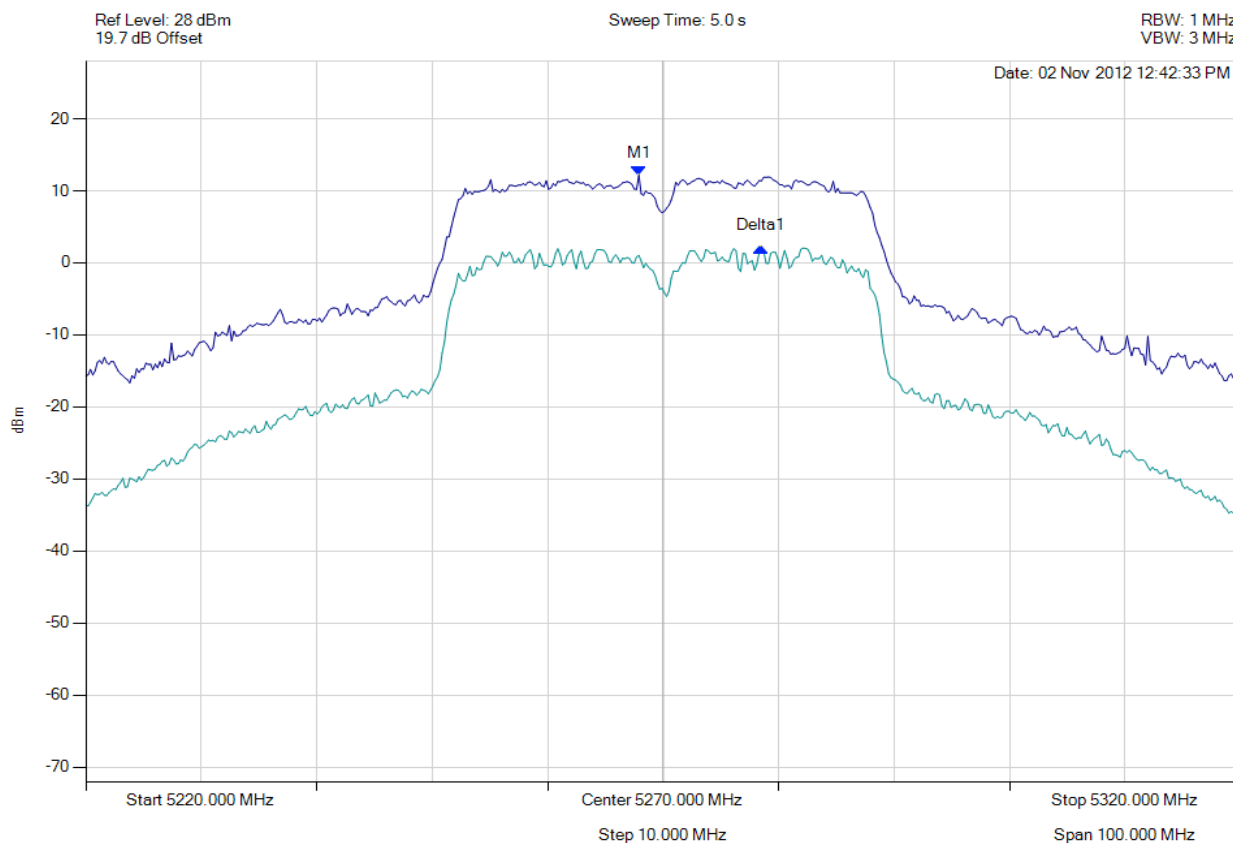


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**peak excursion**

Variant: 802.11n HT-40, Channel: 5270.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude                                       | Test Results  |
|--|--|---|
| Sweep Count = 0<br>RF Atten (dB) = 30<br>TRACE 1<br>Detector = MAX PEAK<br>Trace Mode = VIEW<br>TRACE 2<br>Detector = RMS<br>Trace Mode = VIEW | M1 : 5267.896 MHz : 12.161 dBm<br>Delta1 : 5267.896 MHz : -10.091 dB | Measured Excursion Ratio: 10.09 dB<br>Limit: -13.0 dB<br>Margin: -2.91 dB |

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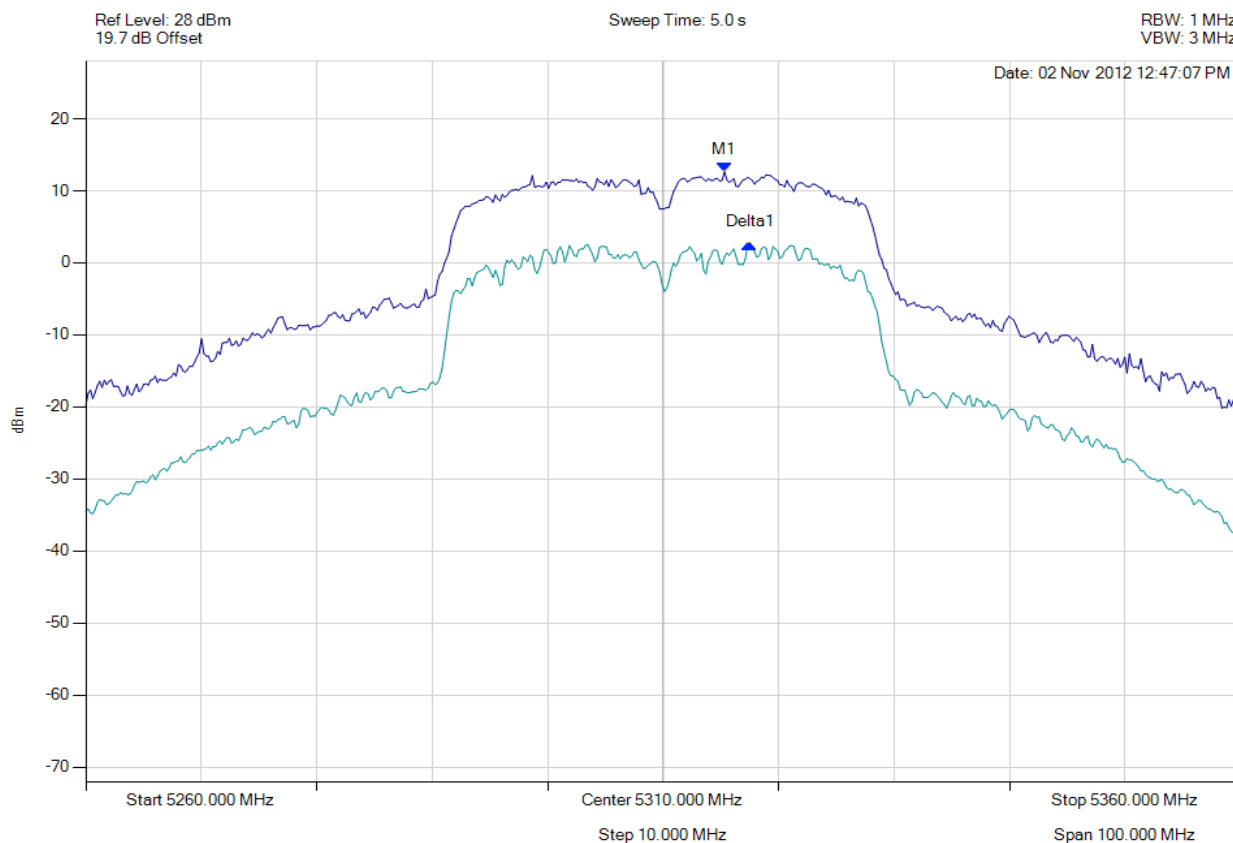


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**peak excursion**

Variant: 802.11n HT-40, Channel: 5310.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude                                   | Test Results   |
|--|--|--|
| Sweep Count = 0<br>RF Atten (dB) = 30<br>TRACE 1<br>Detector = MAX PEAK<br>Trace Mode = VIEW<br>TRACE 2<br>Detector = RMS<br>Trace Mode = VIEW | M1 : 5315.311 MHz : 12.648 dBm<br>Delta1 : 2.204 MHz : -9.948 dB | Measured Excursion Ratio: 9.95 dB<br>Limit: -13.0 dB<br>Margin: -3.05 dB |

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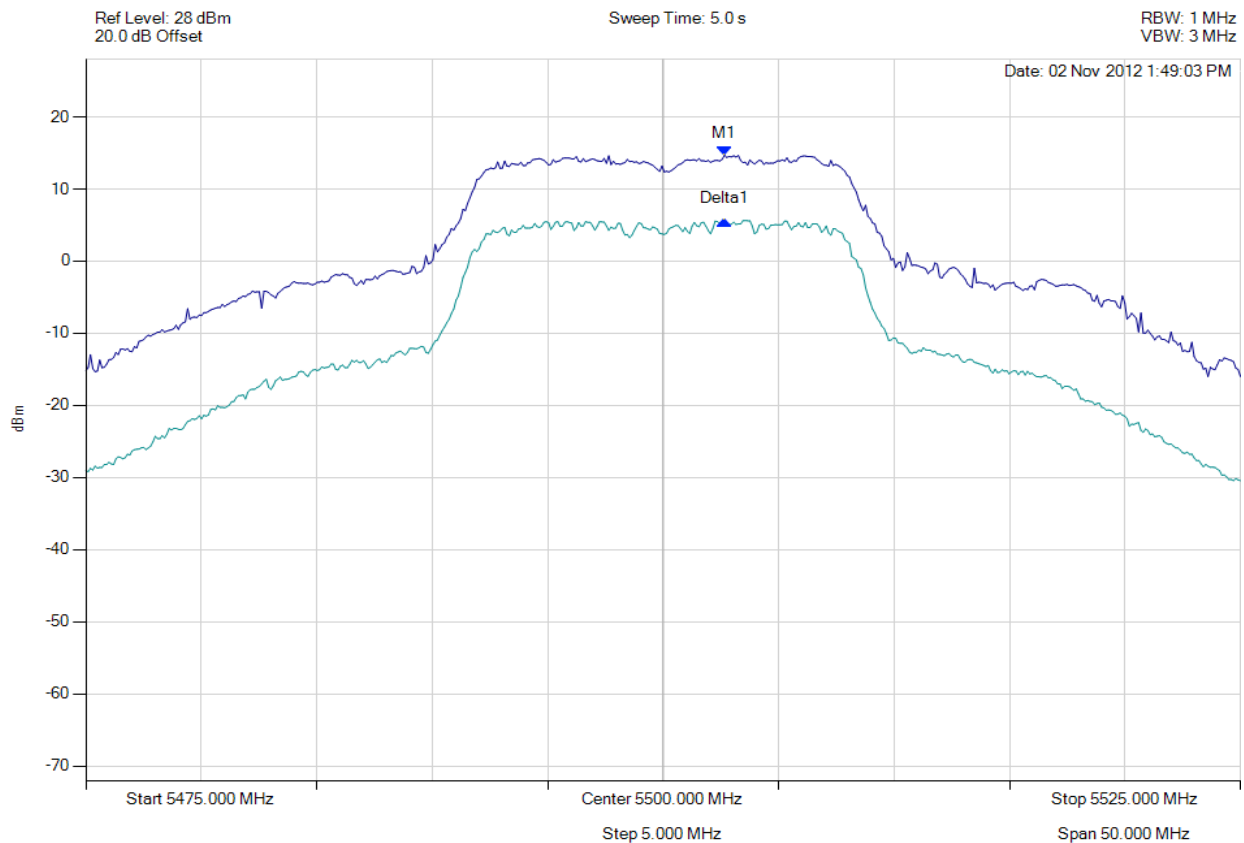


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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#### peak excursion

Variant: 802.11a, Channel: 5500.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude                              | Test Results   |
|--|---|--|
| Sweep Count = 0<br>RF Atten (dB) = 30<br>TRACE 1<br>Detector = MAX PEAK<br>Trace Mode = VIEW<br>TRACE 2<br>Detector = RMS<br>Trace Mode = VIEW | M1 : 5502.655 MHz : 14.693 dBm<br>Delta1 : 0 Hz : -9.012 dB | Measured Excursion Ratio: 9.01 dB<br>Limit: -13.0 dB<br>Margin: -3.99 dB |

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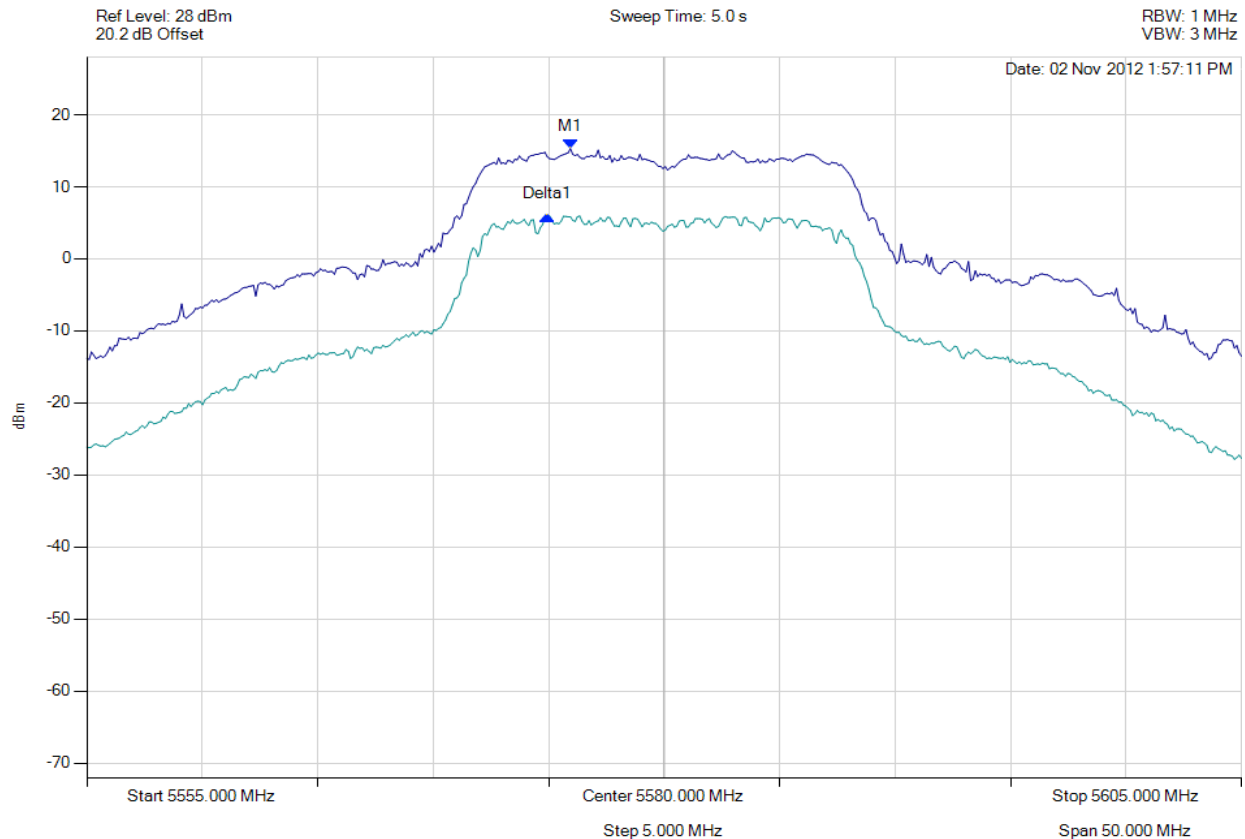


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**peak excursion**

Variant: 802.11a, Channel: 5580.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude                                     | Test Results   |
|--|--|--|
| Sweep Count = 0<br>RF Atten (dB) = 30<br>TRACE 1<br>Detector = MAX PEAK<br>Trace Mode = VIEW<br>TRACE 2<br>Detector = RMS<br>Trace Mode = VIEW | M1 : 5575.942 MHz : 15.299 dBm<br>Delta1 : -1002004 Hz : -9.332 dB | Measured Excursion Ratio: 9.33 dB<br>Limit: -13.0 dB<br>Margin: -3.67 dB |

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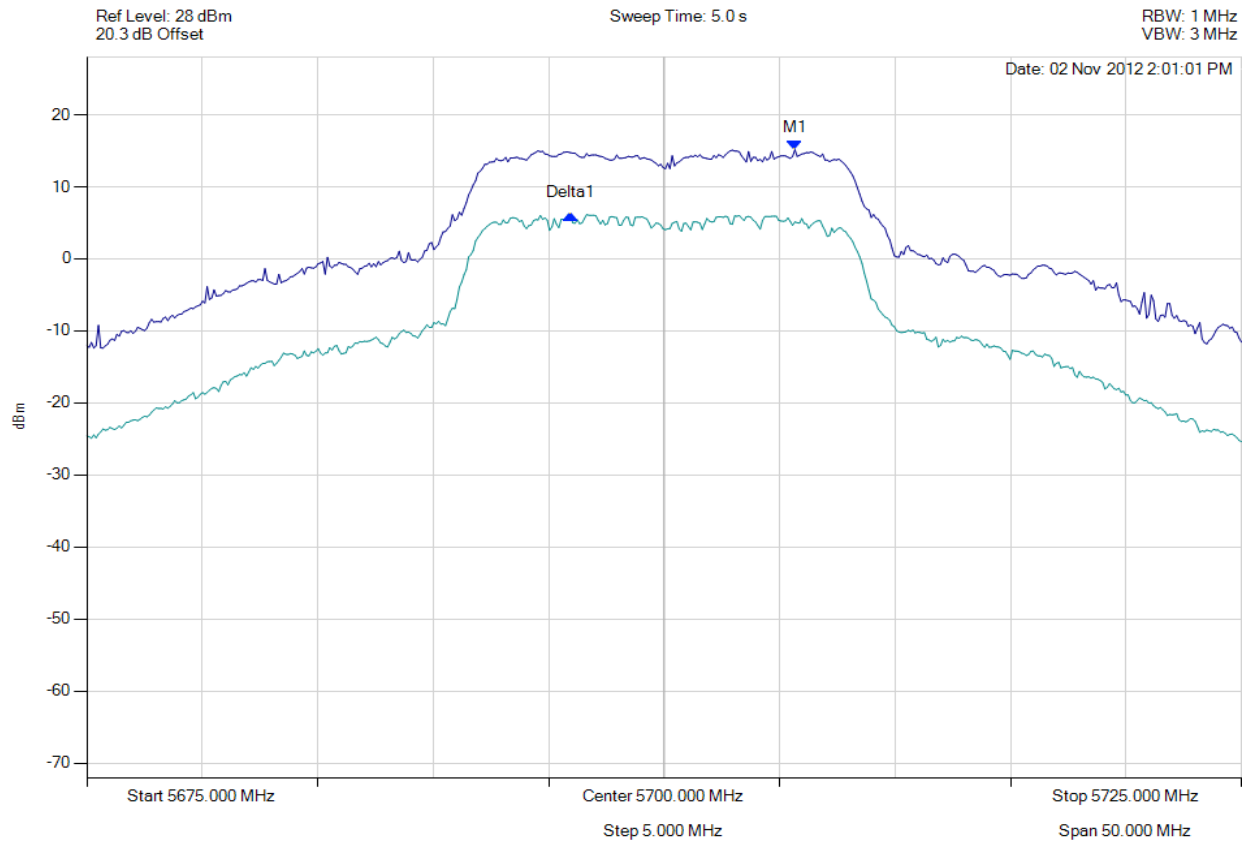


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**peak excursion**

Variant: 802.11a, Channel: 5700.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude                                     | Test Results   |
|--|--|--|
| Sweep Count = 0<br>RF Atten (dB) = 30<br>TRACE 1<br>Detector = MAX PEAK<br>Trace Mode = VIEW<br>TRACE 2<br>Detector = RMS<br>Trace Mode = VIEW | M1 : 5705.661 MHz : 15.139 dBm<br>Delta1 : -9719439 Hz : -8.989 dB | Measured Excursion Ratio: 8.99 dB<br>Limit: -13.0 dB<br>Margin: -4.01 dB |

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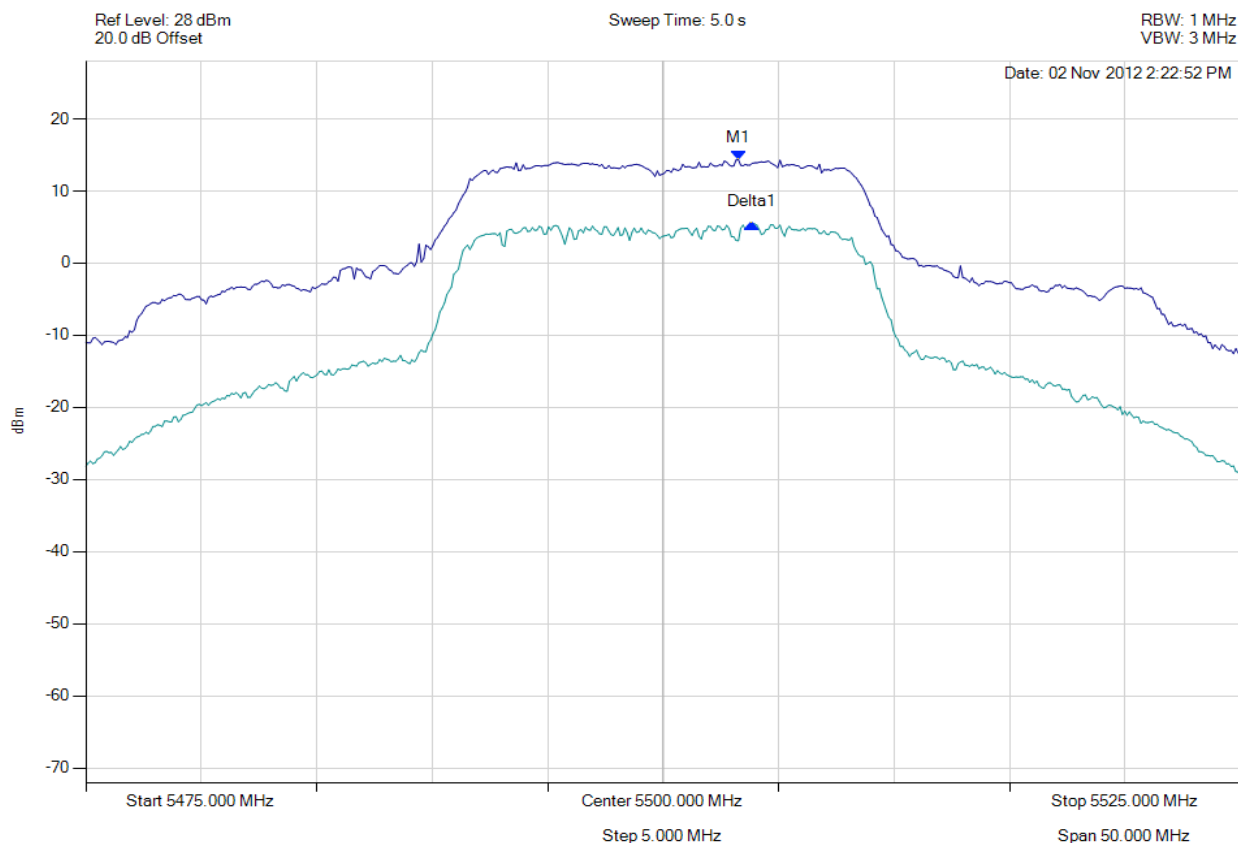


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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**peak excursion**

Variant: 802.11n HT-20, Channel: 5500.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude                                 | Test Results   |
|--|--|--|
| Sweep Count = 0<br>RF Atten (dB) = 30<br>TRACE 1<br>Detector = MAX PEAK<br>Trace Mode = VIEW<br>TRACE 2<br>Detector = RMS<br>Trace Mode = VIEW | M1 : 5503.257 MHz : 14.373 dBm<br>Delta1 : 601 KHz : -8.937 dB | Measured Excursion Ratio: 8.94 dB<br>Limit: -13.0 dB<br>Margin: -4.06 dB |

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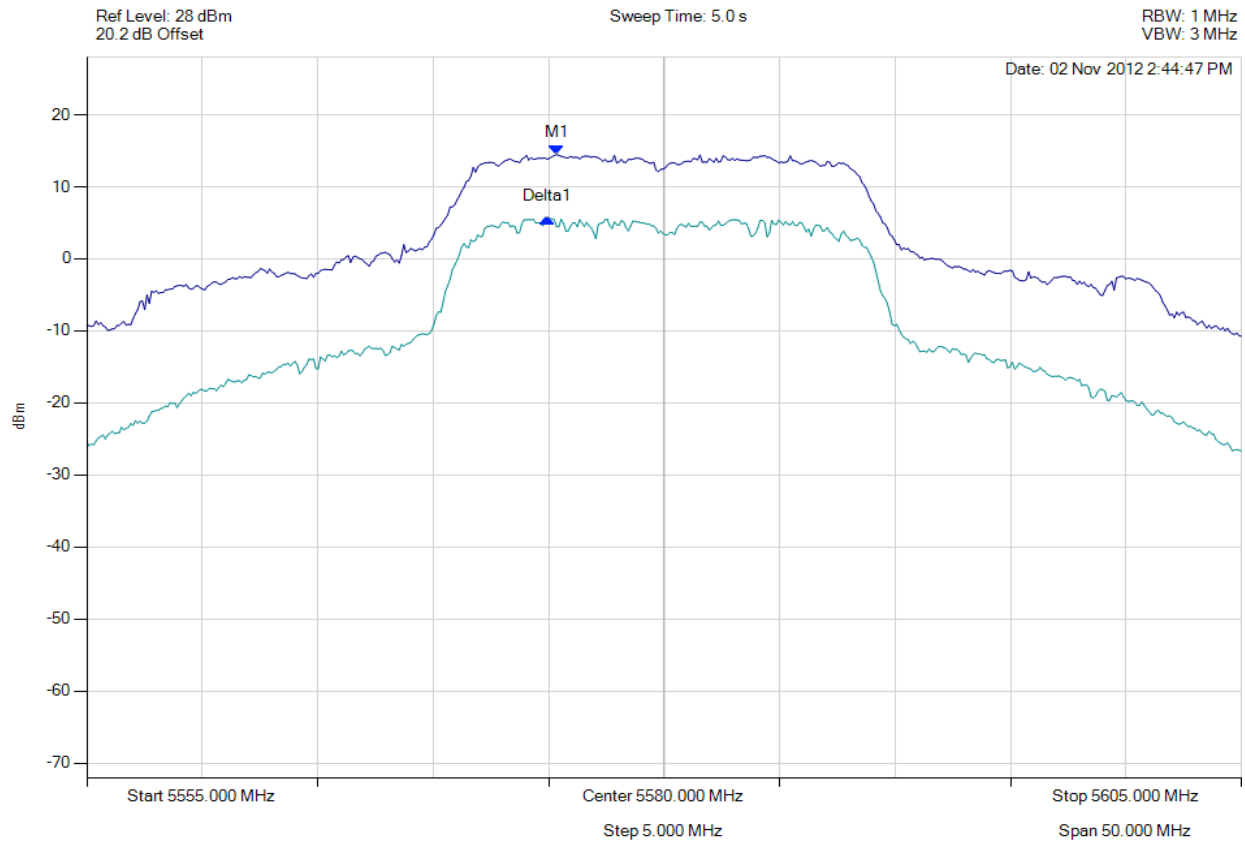


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**peak excursion**

Variant: 802.11n HT-20, Channel: 5580.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude                                    | Test Results   |
|--|---|--|
| Sweep Count = 0<br>RF Atten (dB) = 30<br>TRACE 1<br>Detector = MAX PEAK<br>Trace Mode = VIEW<br>TRACE 2<br>Detector = RMS<br>Trace Mode = VIEW | M1 : 5575.341 MHz : 14.494 dBm<br>Delta1 : -400802 Hz : -8.881 dB | Measured Excursion Ratio: 8.88 dB<br>Limit: -13.0 dB<br>Margin: -4.12 dB |

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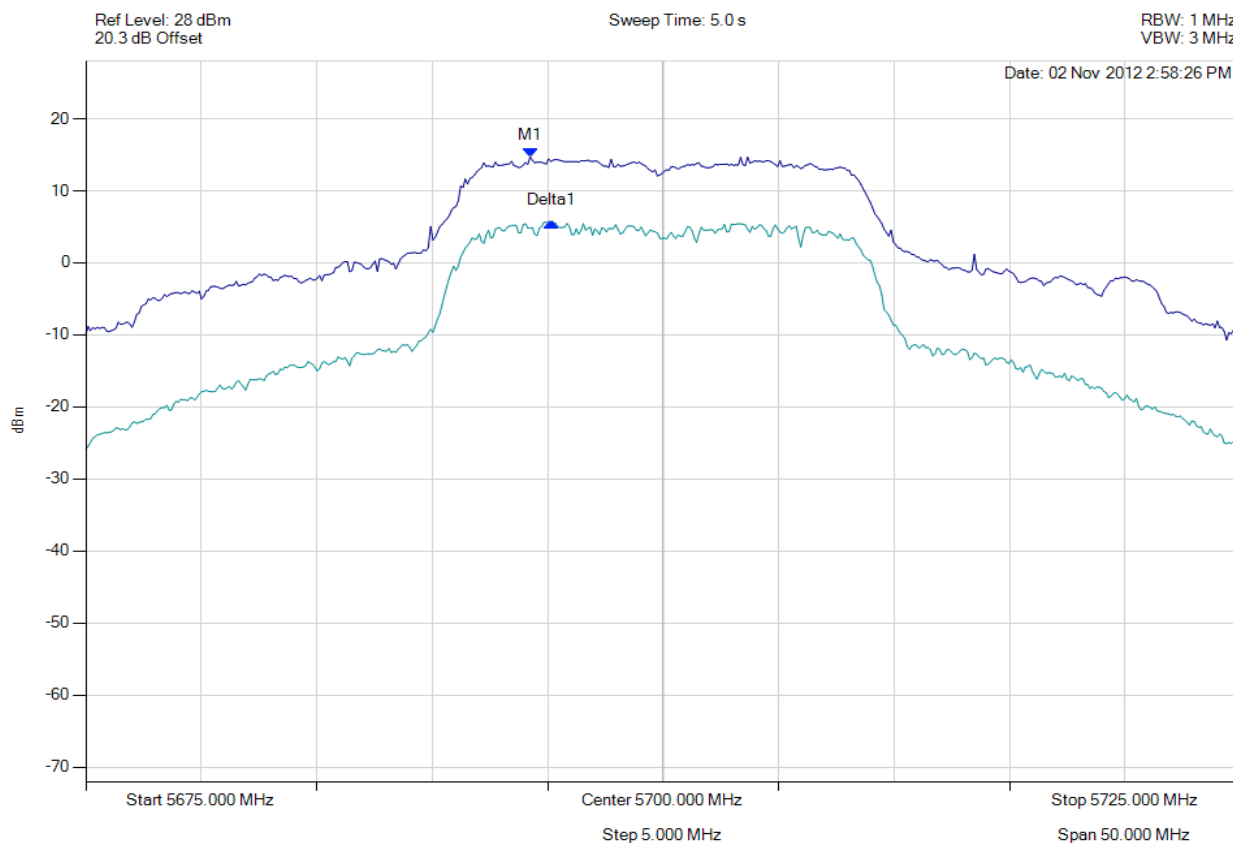


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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# peak excursion

Variant: 802.11n HT-20, Channel: 5700.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude                                 | Test Results   |
|--|--|--|
| Sweep Count = 0<br>RF Atten (dB) = 30<br>TRACE 1<br>Detector = MAX PEAK<br>Trace Mode = VIEW<br>TRACE 2<br>Detector = RMS<br>Trace Mode = VIEW | M1 : 5694.238 MHz : 14.714 dBm<br>Delta1 : 902 KHz : -9.069 dB | Measured Excursion Ratio: 9.07 dB<br>Limit: -13.0 dB<br>Margin: -3.93 dB |

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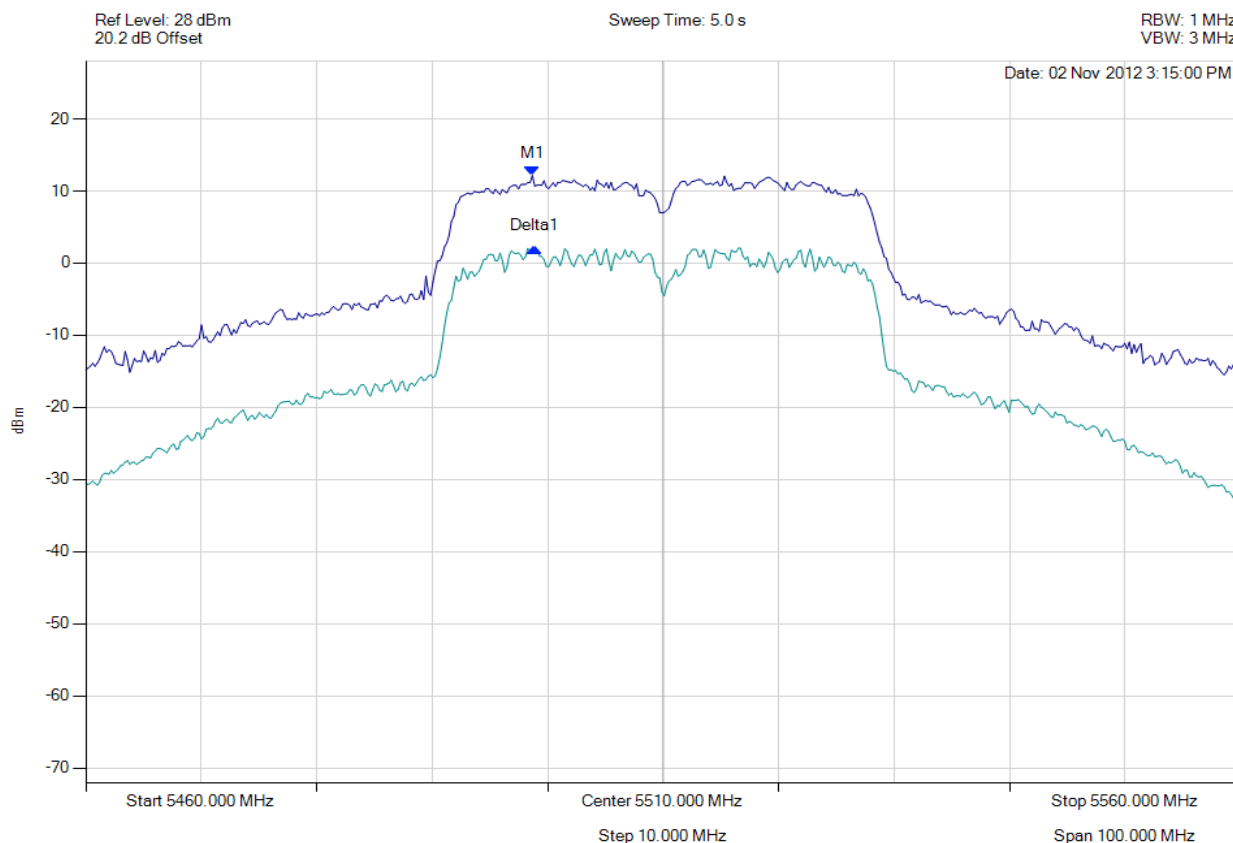


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**peak excursion**

Variant: 802.11n HT-40, Channel: 5510.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude                                  | Test Results  |
|--|---|---|
| Sweep Count = 0<br>RF Atten (dB) = 30<br>TRACE 1<br>Detector = MAX PEAK<br>Trace Mode = VIEW<br>TRACE 2<br>Detector = RMS<br>Trace Mode = VIEW | M1 : 5498.677 MHz : 12.148 dBm<br>Delta1 : 200 KHz : -10.043 dB | Measured Excursion Ratio: 10.04 dB<br>Limit: -13.0 dB<br>Margin: -2.96 dB |

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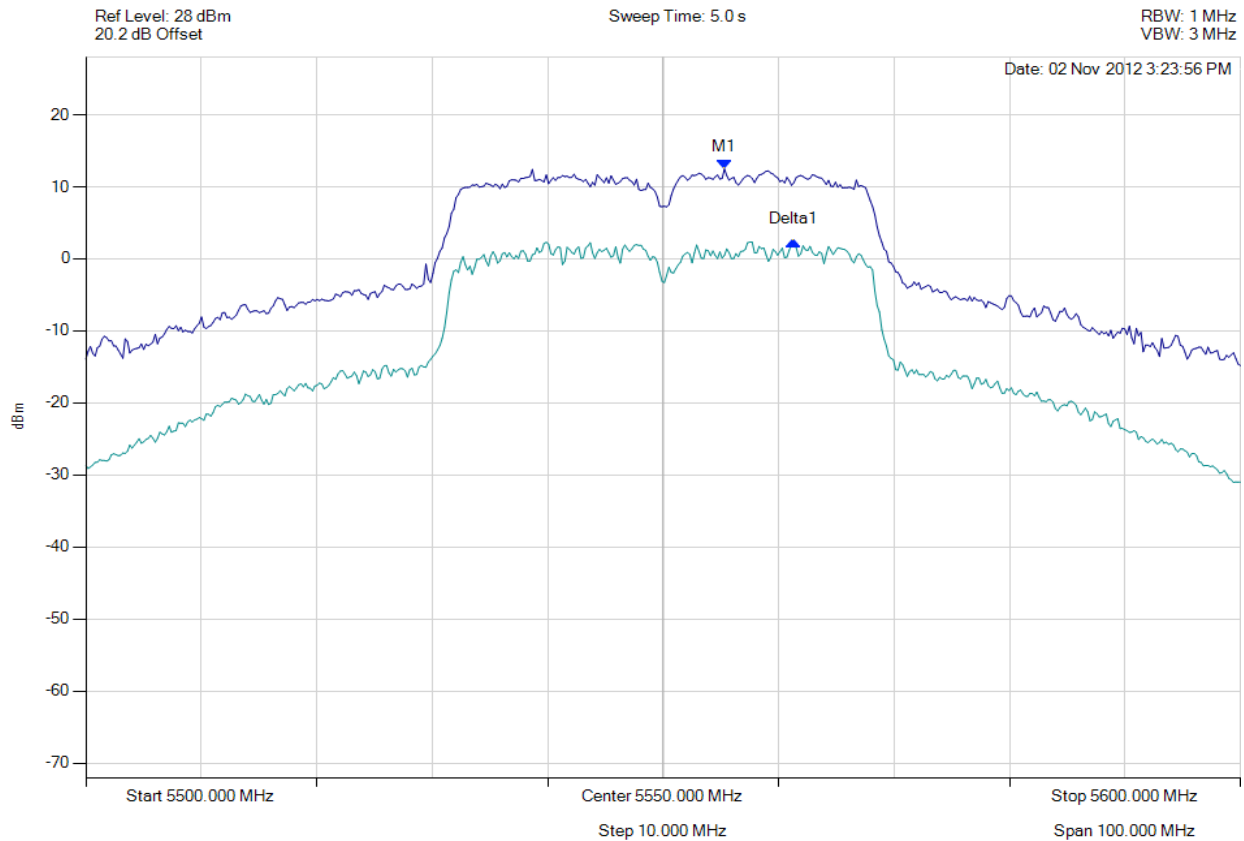


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**peak excursion**

Variant: 802.11n HT-40, Channel: 5550.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude                                       | Test Results  |
|--|--|---|
| Sweep Count = 0<br>RF Atten (dB) = 30<br>TRACE 1<br>Detector = MAX PEAK<br>Trace Mode = VIEW<br>TRACE 2<br>Detector = RMS<br>Trace Mode = VIEW | M1 : 5555.311 MHz : 12.477 dBm<br>Delta1 : 5561.311 MHz : -10.047 dB | Measured Excursion Ratio: 10.05 dB<br>Limit: -13.0 dB<br>Margin: -2.95 dB |

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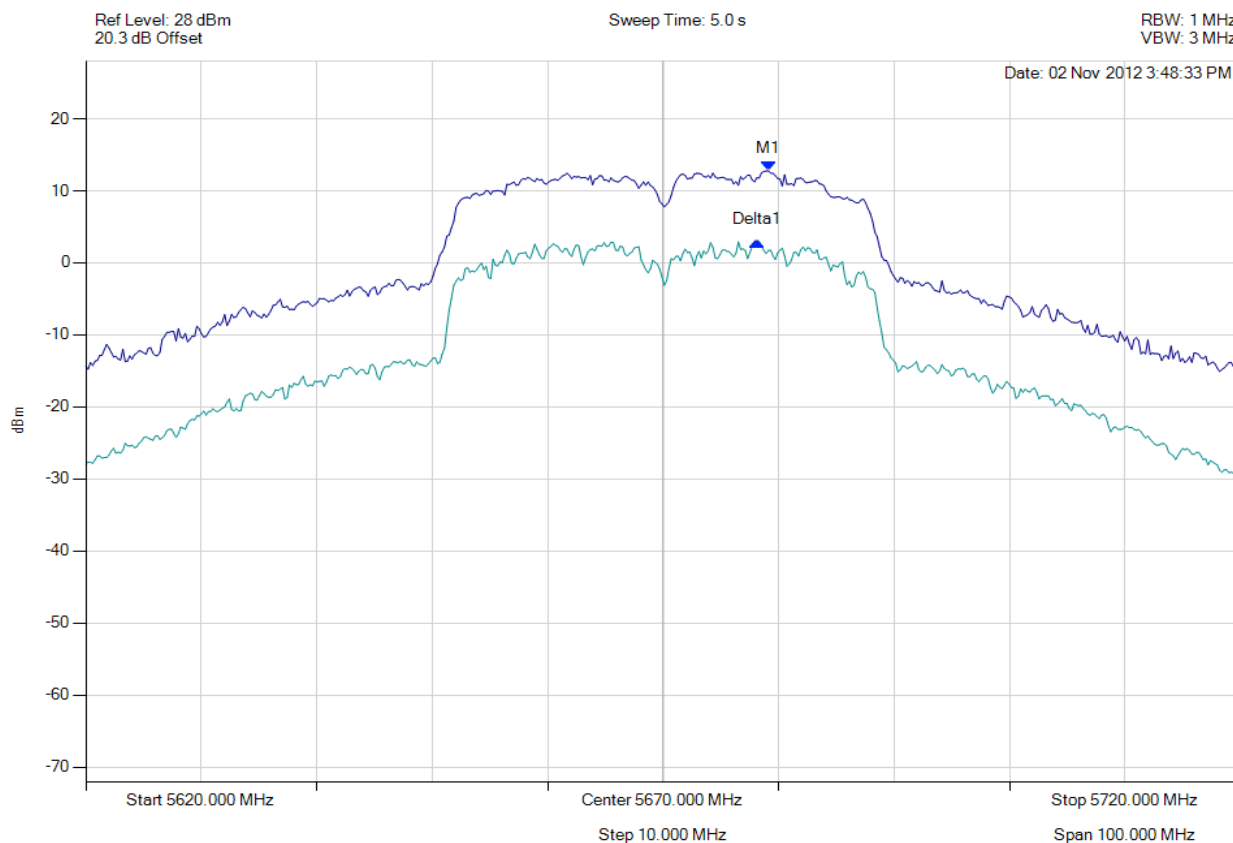


**Title:** Digi Connect Card for i.MX28 with Atheros AR6203  
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#### peak excursion

Variant: 802.11n HT-40, Channel: 5670.00 MHz, Chain a, Temp: Ambient, Voltage: 5.00V



| Analyser Setup   | Marker : Frequency : Amplitude                                     | Test Results   |
|--|--|--|
| Sweep Count = 0<br>RF Atten (dB) = 30<br>TRACE 1<br>Detector = MAX PEAK<br>Trace Mode = VIEW<br>TRACE 2<br>Detector = RMS<br>Trace Mode = VIEW | M1 : 5679.118 MHz : 12.769 dBm<br>Delta1 : -1002004 Hz : -9.772 dB | Measured Excursion Ratio: 9.77 dB<br>Limit: -13.0 dB<br>Margin: -3.23 dB |

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