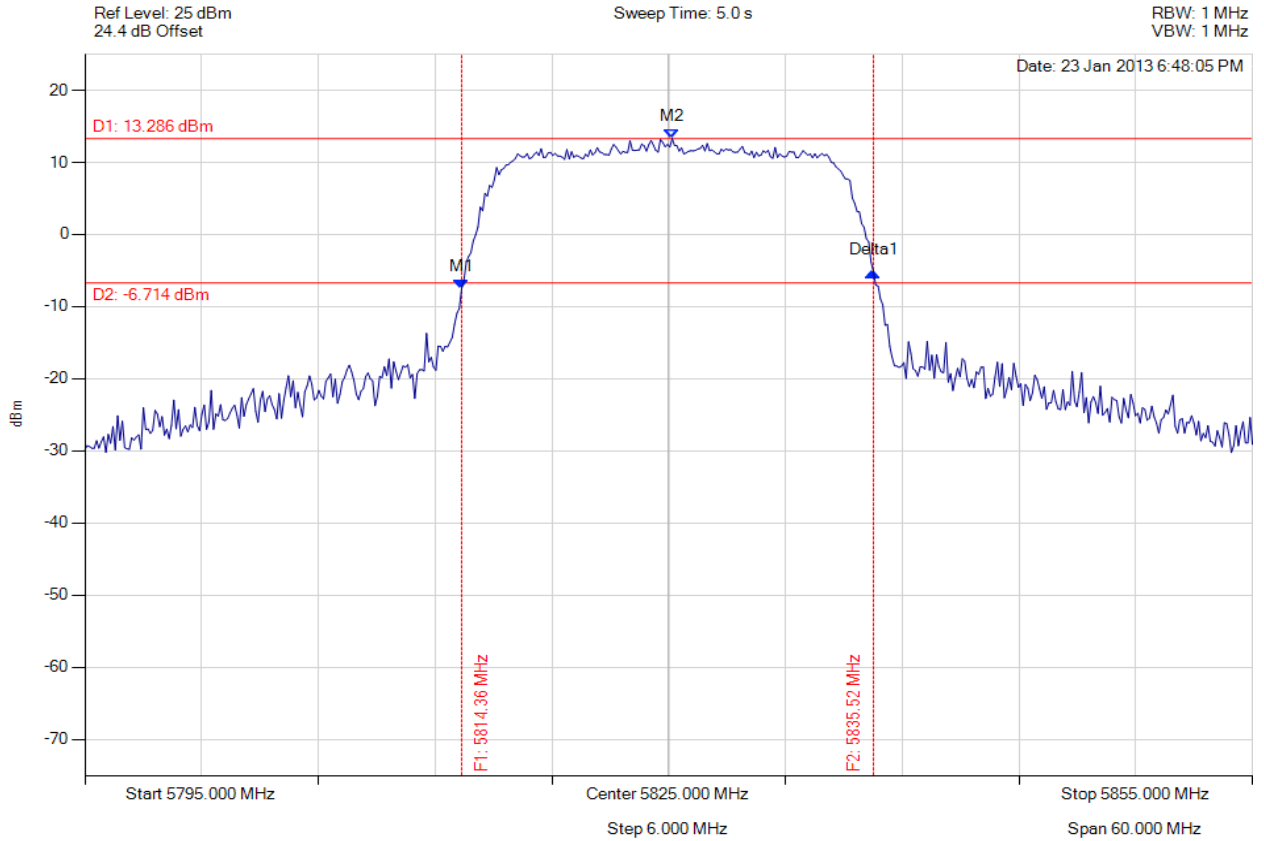




### PEAK OUTPUT POWER

Variant: 802.11a, Channel: 5825.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5814.359 MHz : -7.516 dBm M2 : 5825.180 MHz : 13.286 dBm Delta1 : 21.162 MHz : 2.367 dB	Channel Power: 23.43 dBm Limit: 25.23 dBm Margin: -1.80 dB

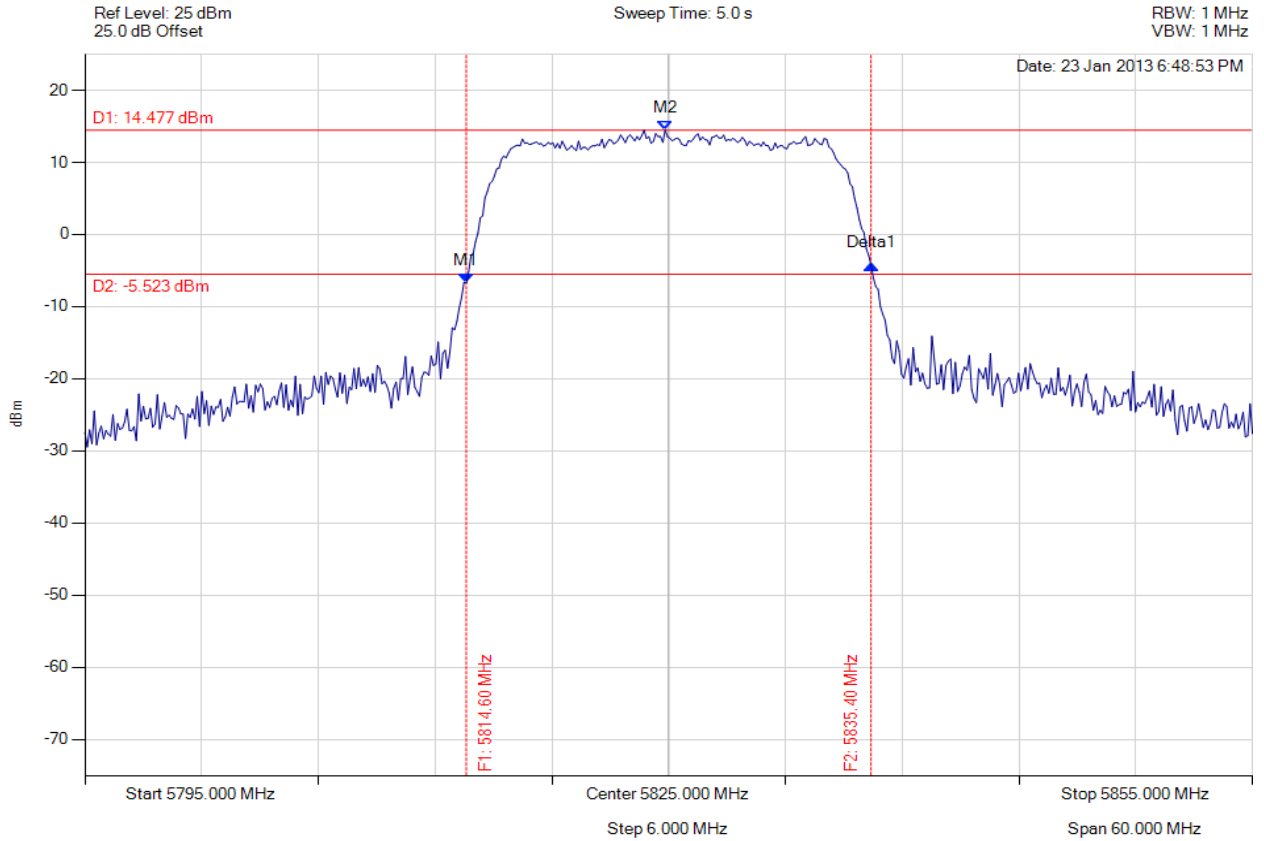
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**PEAK OUTPUT POWER**

Variant: 802.11a, Channel: 5825.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5814.599 MHz : -6.714 dBm M2 : 5824.820 MHz : 14.477 dBm Delta1 : 20.802 MHz : 2.487 dB	Channel Power: 24.77 dBm Limit: 25.23 dBm Margin: -0.46 dB

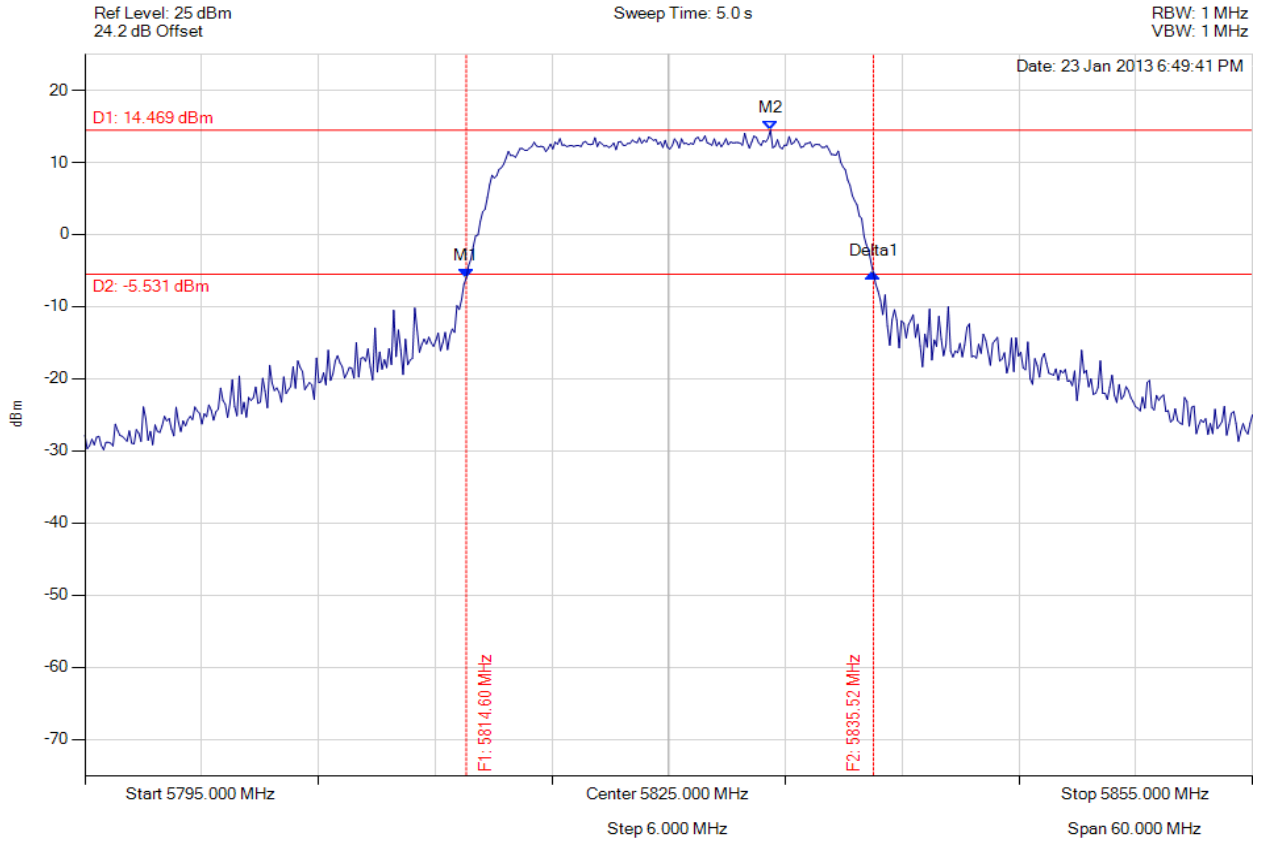
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### PEAK OUTPUT POWER

Variant: 802.11a, Channel: 5825.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5814.599 MHz : -6.023 dBm M2 : 5830.230 MHz : 14.469 dBm Delta1 : 20.922 MHz : 0.612 dB	Channel Power: 24.53 dBm Limit: 25.23 dBm Margin: -0.70 dB

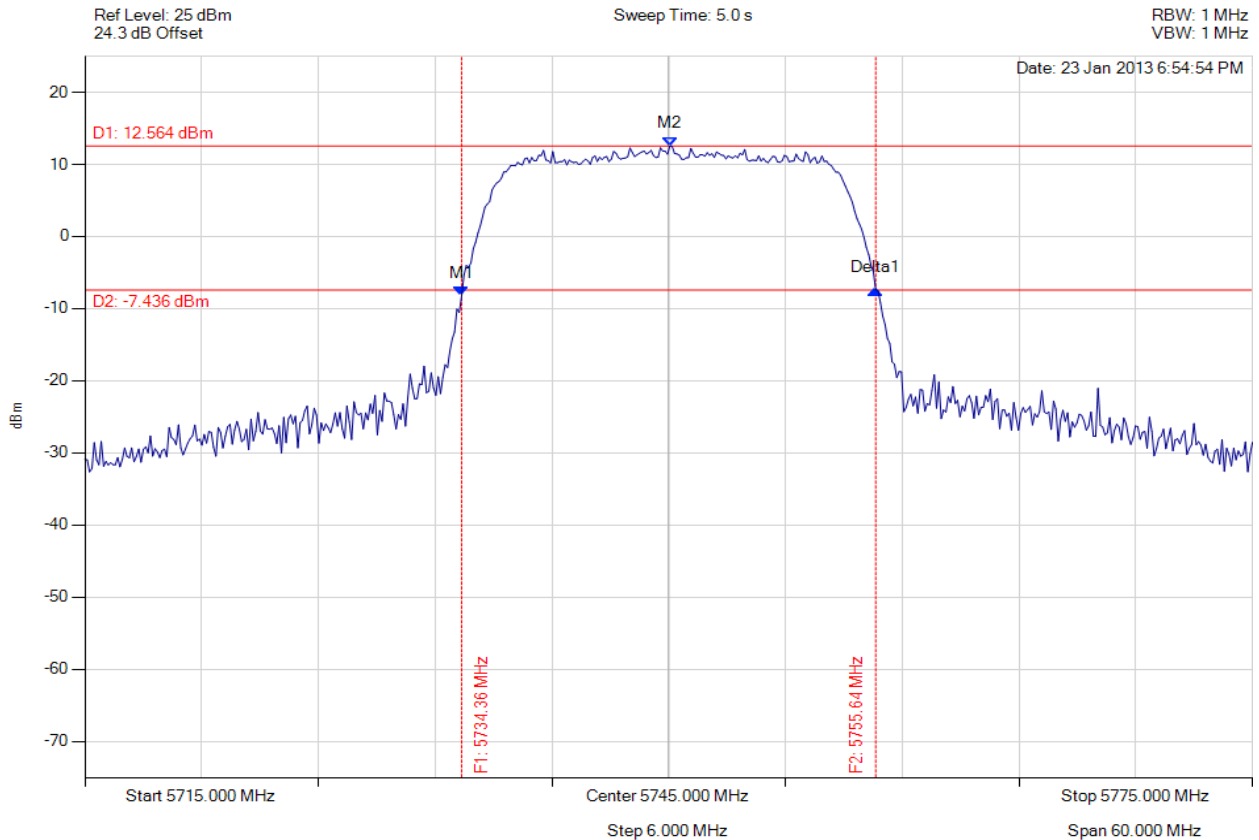
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### PEAK OUTPUT POWER

Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5734.359 MHz : -8.231 dBm M2 : 5745.060 MHz : 12.564 dBm Delta1 : 21.283 MHz : 0.818 dB	Channel Power: 22.93 dBm Limit: 25.23 dBm Margin: -2.30 dB

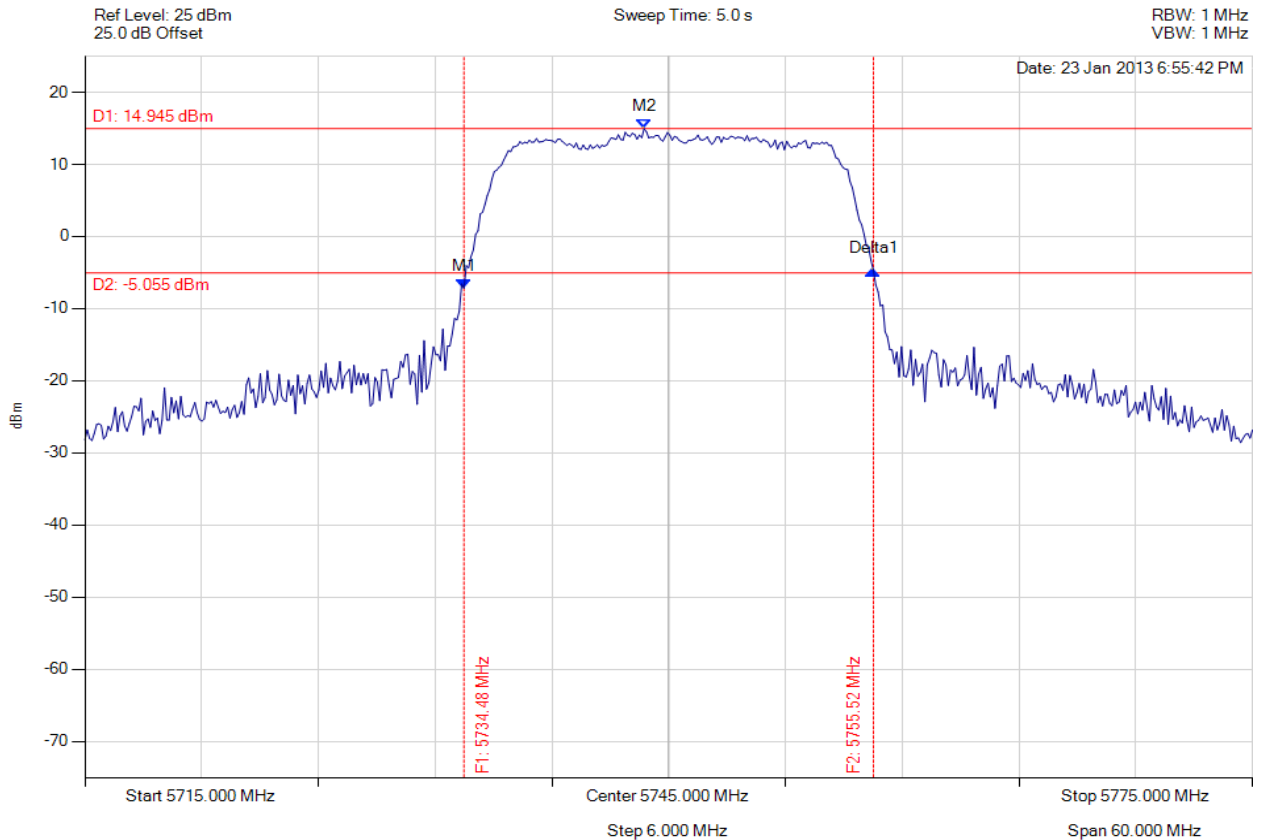
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### PEAK OUTPUT POWER

Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5734.479 MHz : -7.186 dBm M2 : 5743.737 MHz : 14.945 dBm Delta1 : 21.042 MHz : 2.479 dB	Channel Power: 25.19 dBm Limit: 25.23 dBm Margin: -0.04 dB

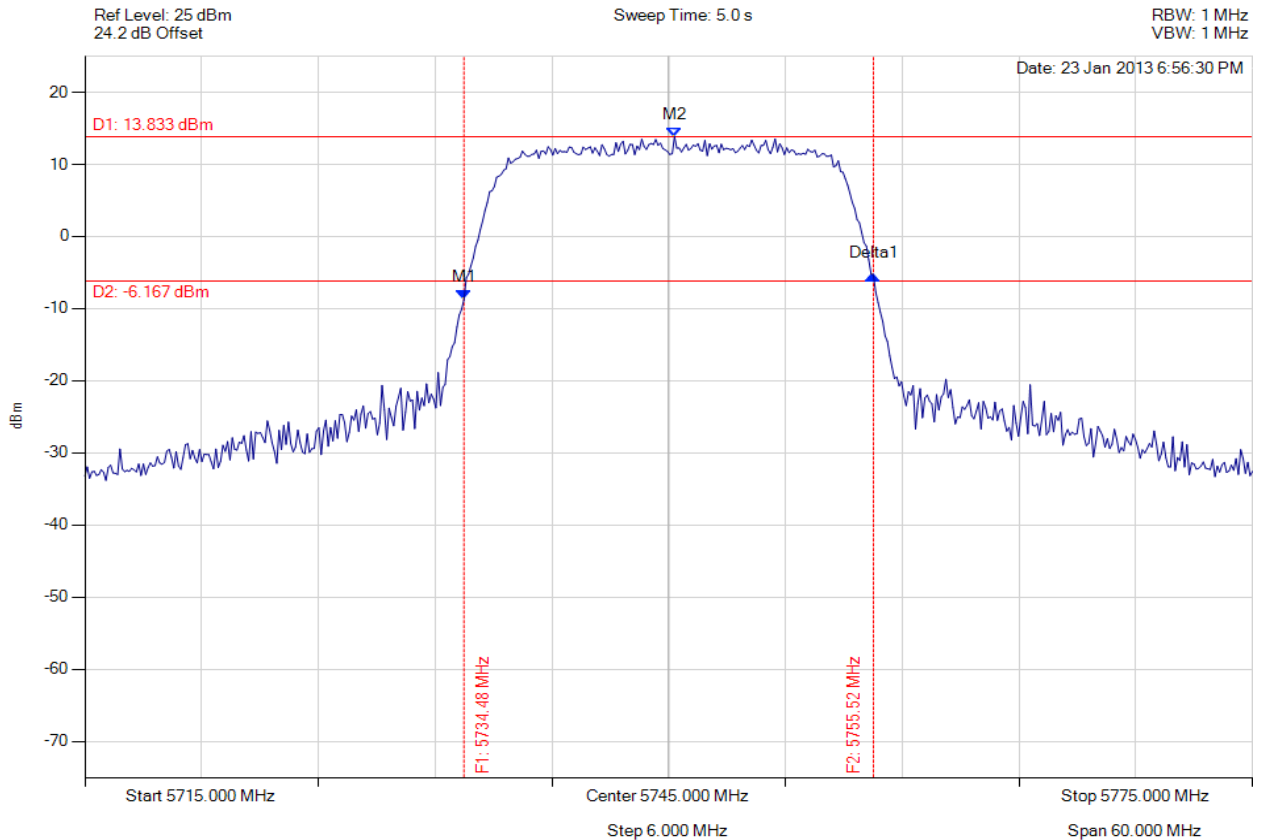
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### PEAK OUTPUT POWER

Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5734.479 MHz : -8.770 dBm M2 : 5745.301 MHz : 13.833 dBm Delta1 : 21.042 MHz : 3.400 dB	Channel Power: 23.99 dBm Limit: 25.23 dBm Margin: -1.24 dB

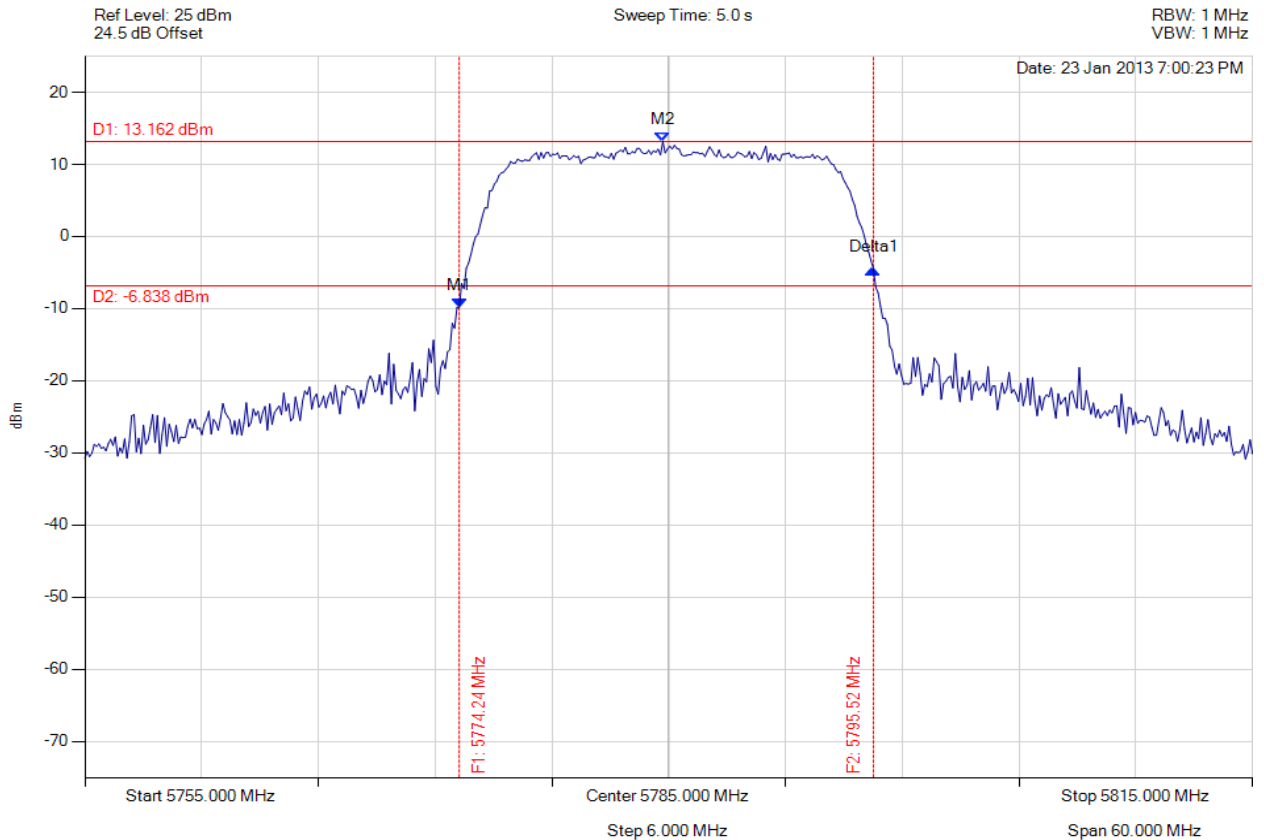
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### PEAK OUTPUT POWER

Variant: 802.11n HT-20, Channel: 5785.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5774.238 MHz : -9.812 dBm M2 : 5784.699 MHz : 13.162 dBm Delta1 : 21.283 MHz : 5.304 dB	Channel Power: 23.29 dBm Limit: 25.23 dBm Margin: -1.94 dB

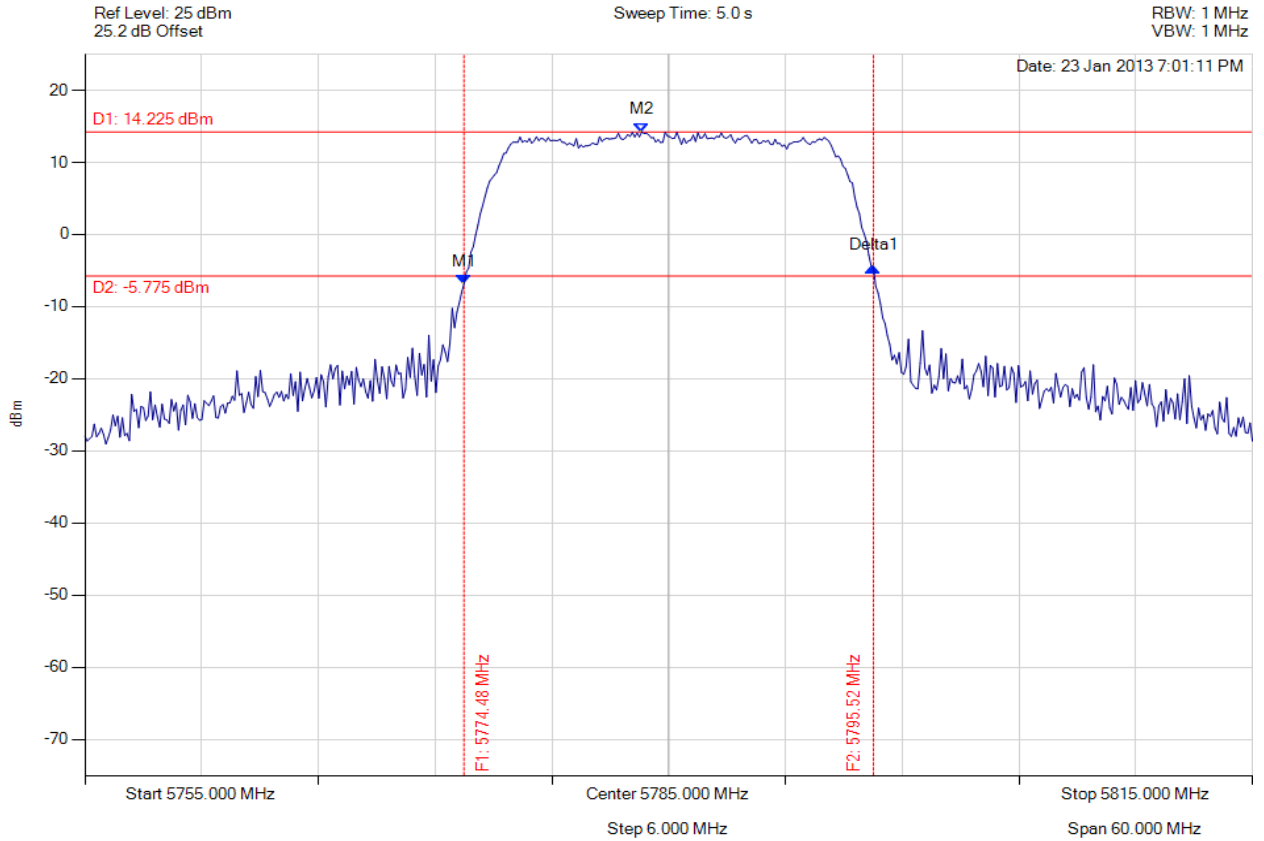
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### PEAK OUTPUT POWER

Variant: 802.11n HT-20, Channel: 5785.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5774.479 MHz : -6.891 dBm M2 : 5783.617 MHz : 14.225 dBm Delta1 : 21.042 MHz : 2.398 dB	Channel Power: 25.09 dBm Limit: 25.23 dBm Margin: -0.14 dB

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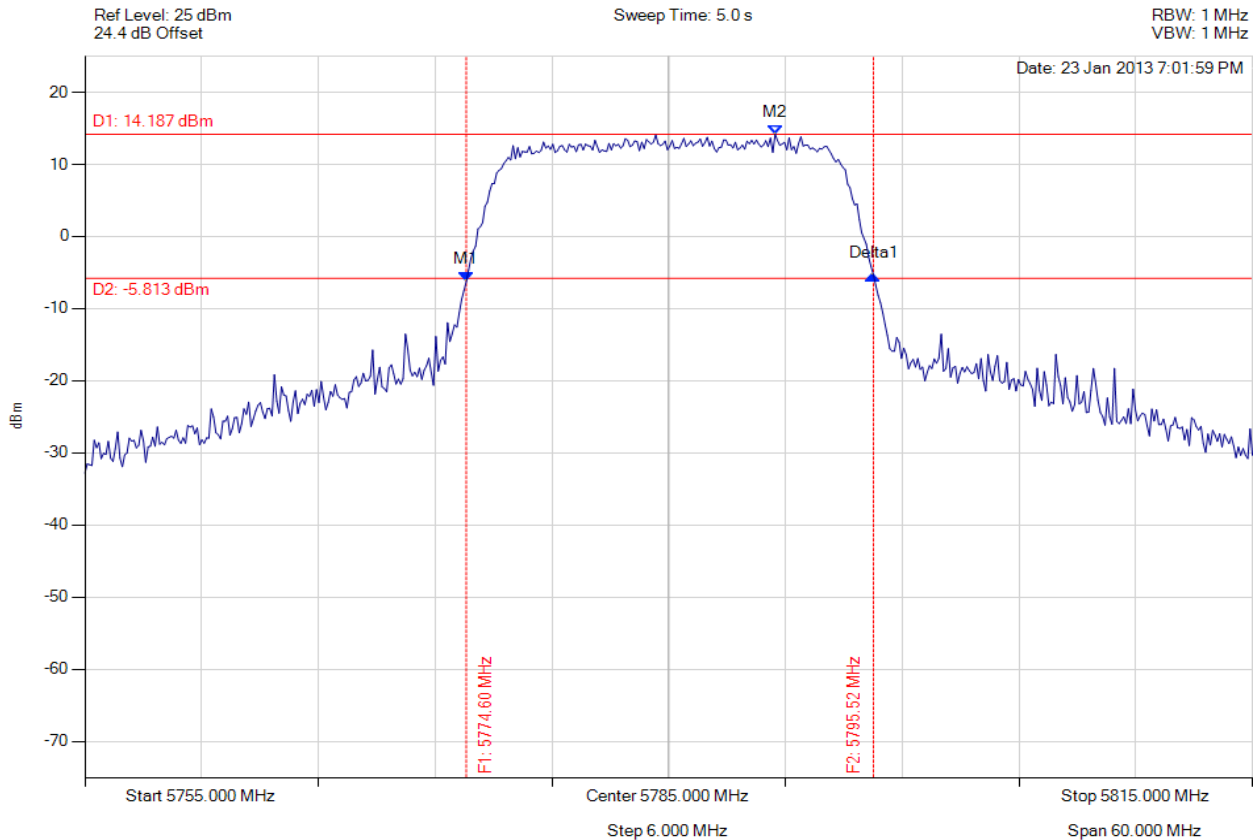
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### PEAK OUTPUT POWER

Variant: 802.11n HT-20, Channel: 5785.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5774.599 MHz : -6.269 dBm M2 : 5790.471 MHz : 14.187 dBm Delta1 : 20.922 MHz : 0.956 dB	Channel Power: 24.52 dBm Limit: 25.23 dBm Margin: -0.71 dB

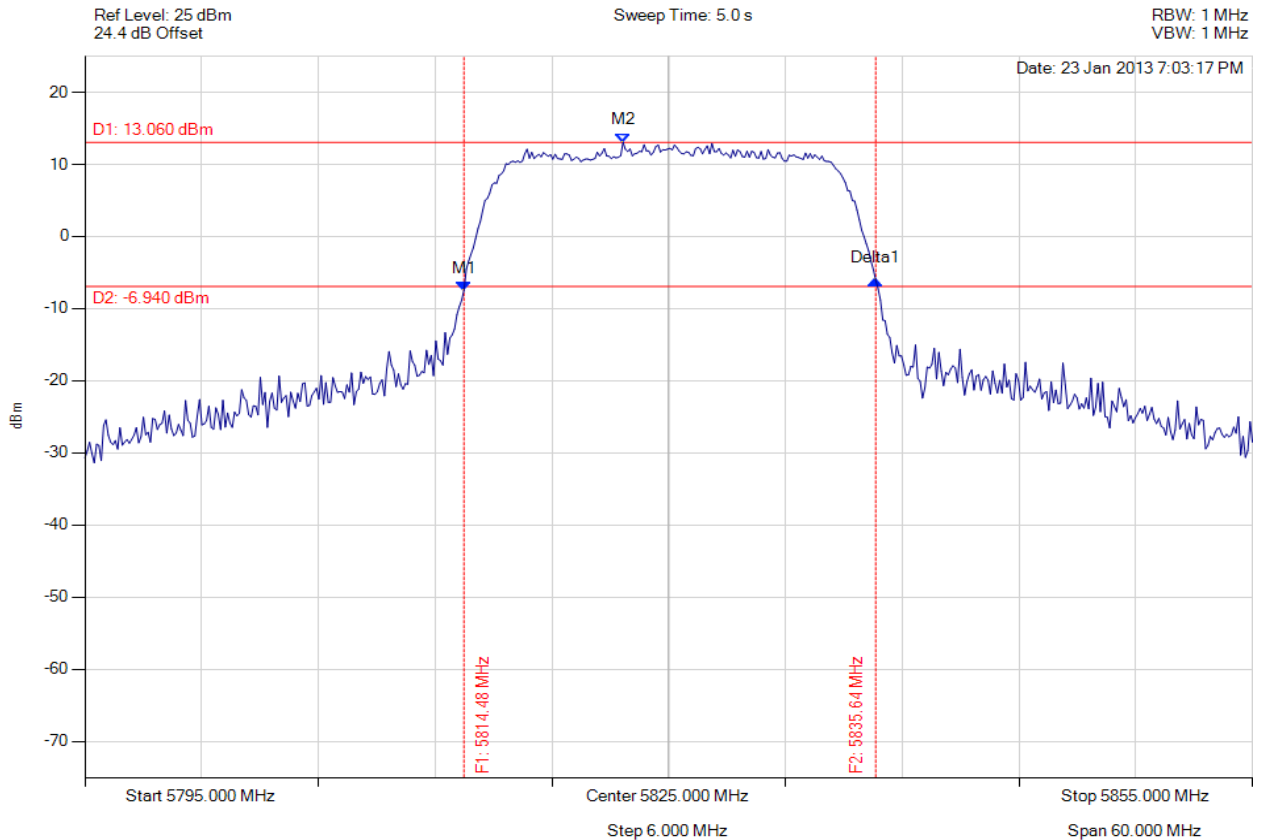
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### PEAK OUTPUT POWER

Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5814.479 MHz : -7.467 dBm M2 : 5822.655 MHz : 13.060 dBm Delta1 : 21.162 MHz : 1.418 dB	Channel Power: 23.36 dBm Limit: 25.23 dBm Margin: -1.87 dB

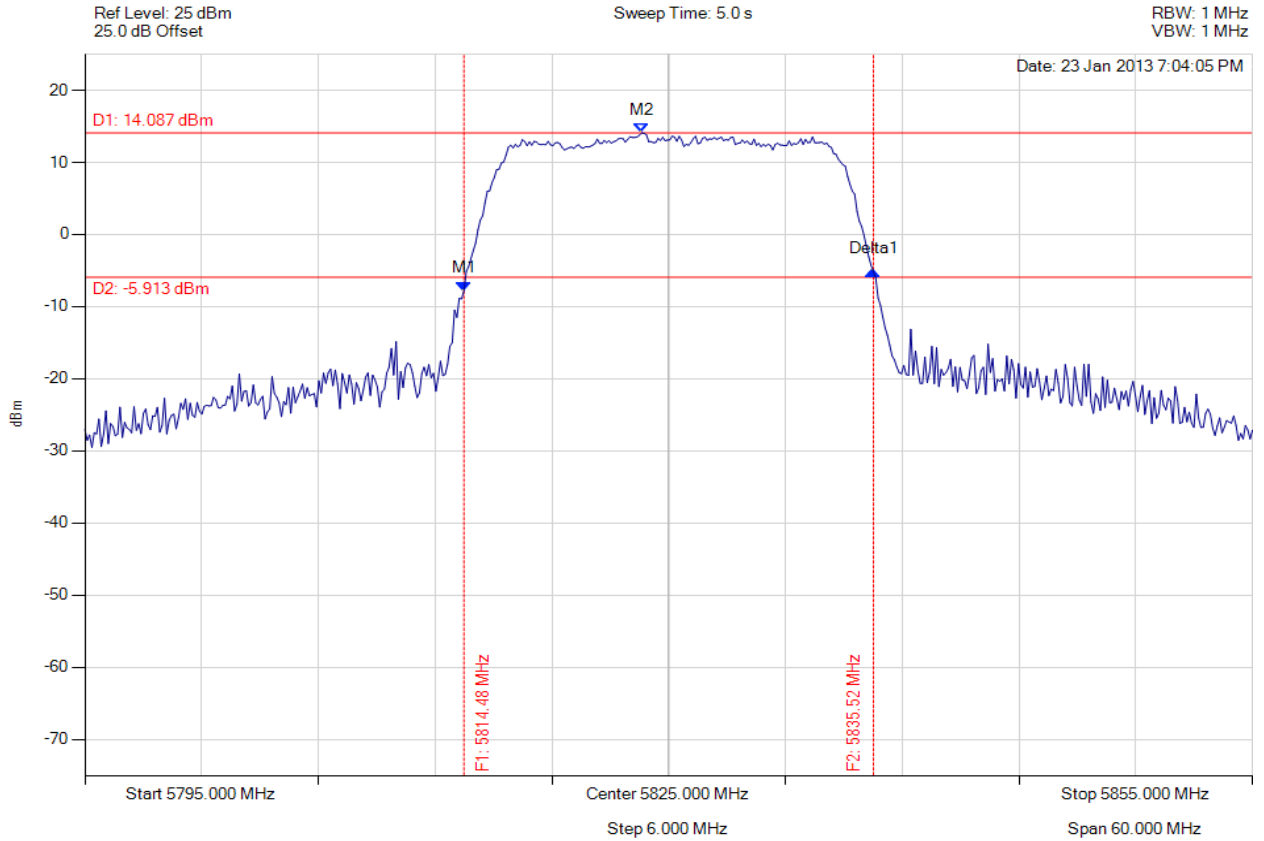
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### PEAK OUTPUT POWER

Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5814.479 MHz : -7.794 dBm M2 : 5823.617 MHz : 14.087 dBm Delta1 : 21.042 MHz : 2.699 dB	Channel Power: 24.76 dBm Limit: 25.23 dBm Margin: -0.47 dB

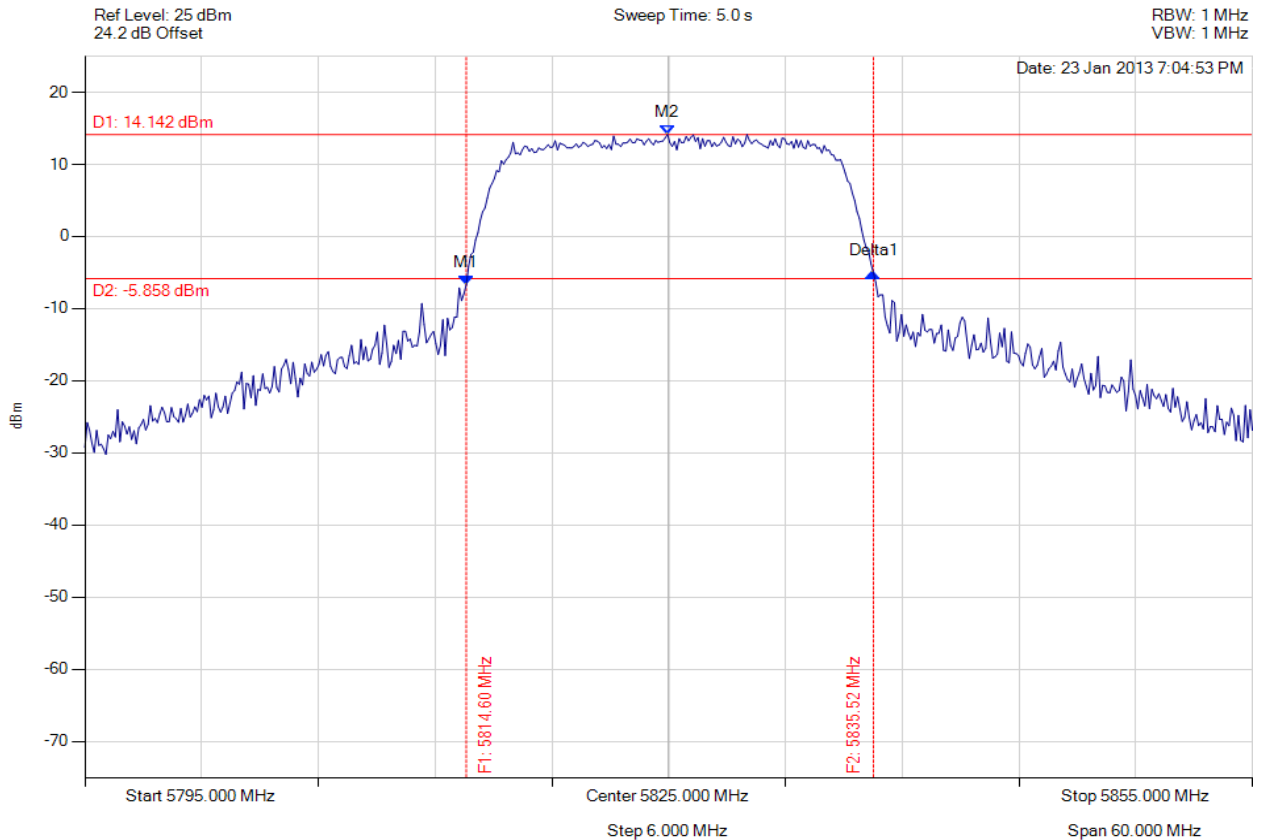
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### PEAK OUTPUT POWER

Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5814.599 MHz : -6.657 dBm M2 : 5824.940 MHz : 14.142 dBm Delta1 : 20.922 MHz : 1.609 dB	Channel Power: 24.78 dBm Limit: 25.23 dBm Margin: -0.45 dB

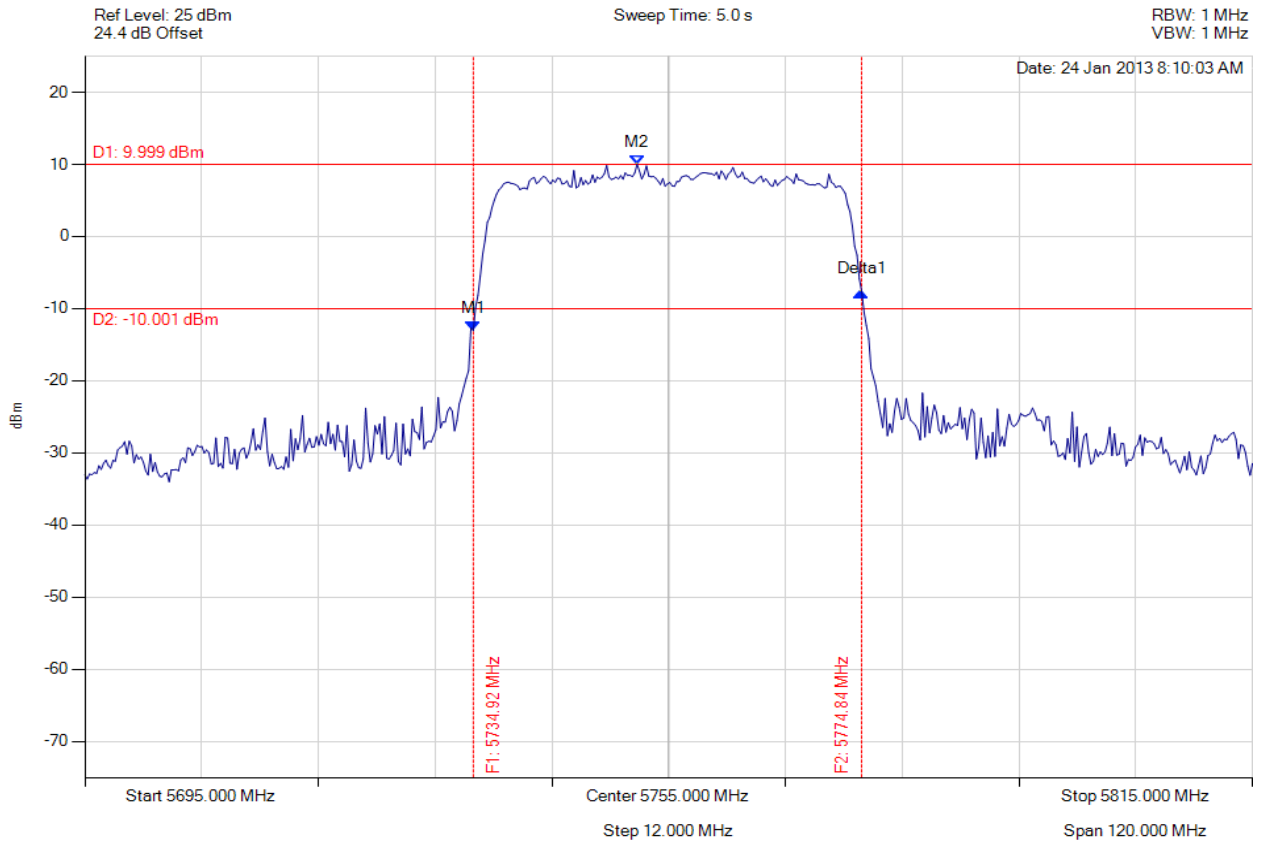
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**PEAK OUTPUT POWER**

Variant: 802.11n HT-40, Channel: 5755.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5734.920 MHz : -13.057 dBm M2 : 5751.754 MHz : 9.999 dBm Delta1 : 39.920 MHz : 5.430 dB	Channel Power: 23.01 dBm Limit: 25.23 dBm Margin: -2.22 dB

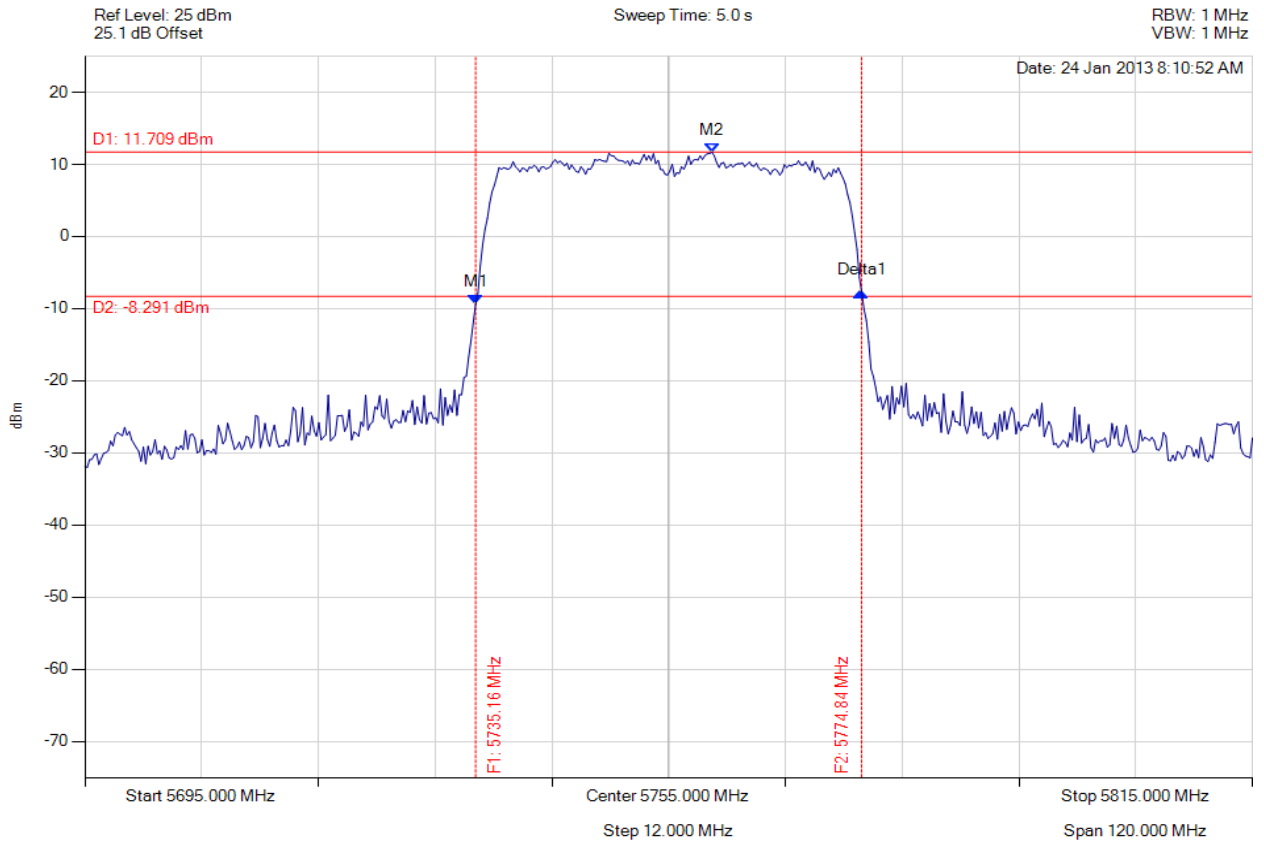
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### PEAK OUTPUT POWER

Variant: 802.11n HT-40, Channel: 5755.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5735.160 MHz : -9.421 dBm M2 : 5759.449 MHz : 11.709 dBm Delta1 : 39.679 MHz : 1.662 dB	Channel Power: 24.98 dBm Limit: 25.23 dBm Margin: -0.25 dB

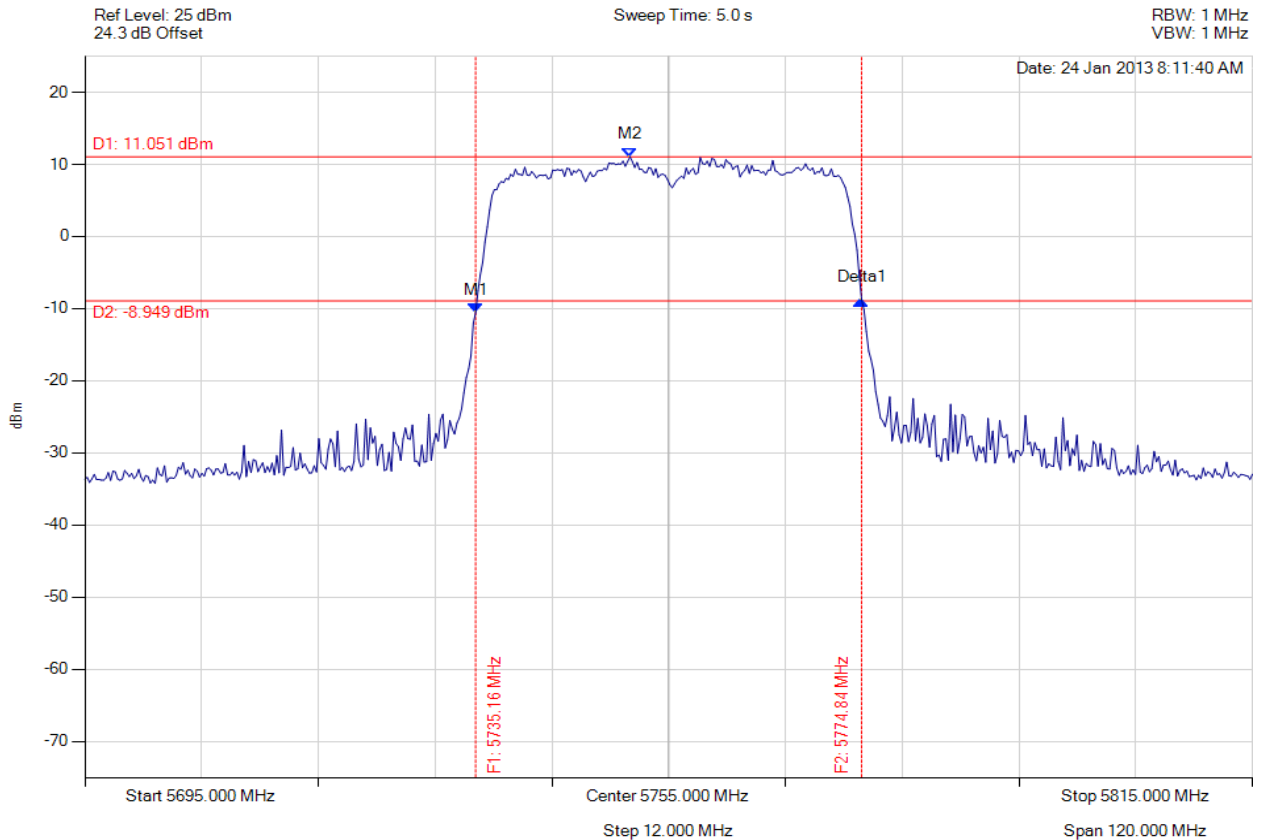
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### PEAK OUTPUT POWER

Variant: 802.11n HT-40, Channel: 5755.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5735.160 MHz : -10.562 dBm M2 : 5751.032 MHz : 11.051 dBm Delta1 : 39.679 MHz : 1.771 dB	Channel Power: 24.20 dBm Limit: 25.23 dBm Margin: -1.03 dB

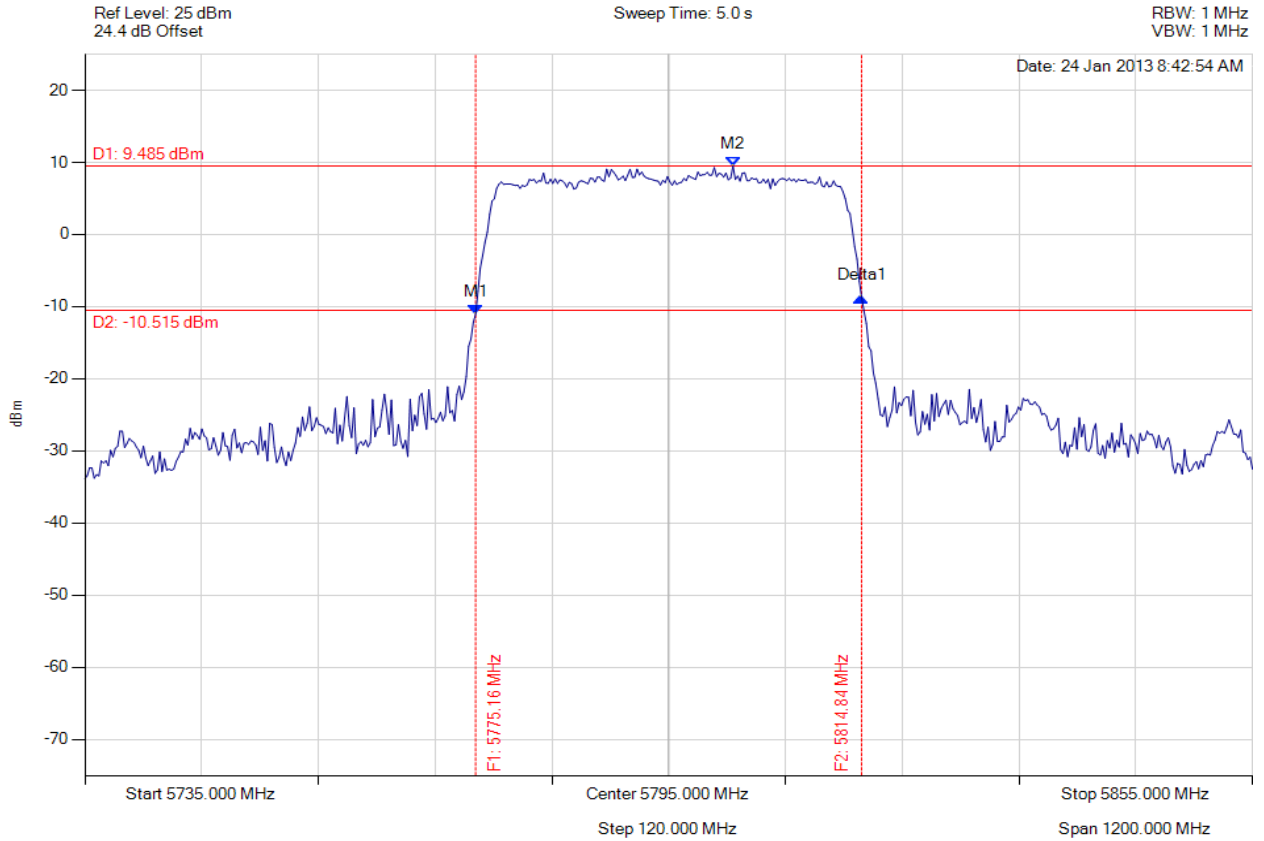
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**PEAK OUTPUT POWER**

Variant: 802.11n HT-40, Channel: 5795.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5775.160 MHz : -11.042 dBm M2 : 5801.613 MHz : 9.485 dBm Delta1 : 39.679 MHz : 2.278 dB	Channel Power: 22.69 dBm Limit: 25.23 dBm Margin: -2.54 dB

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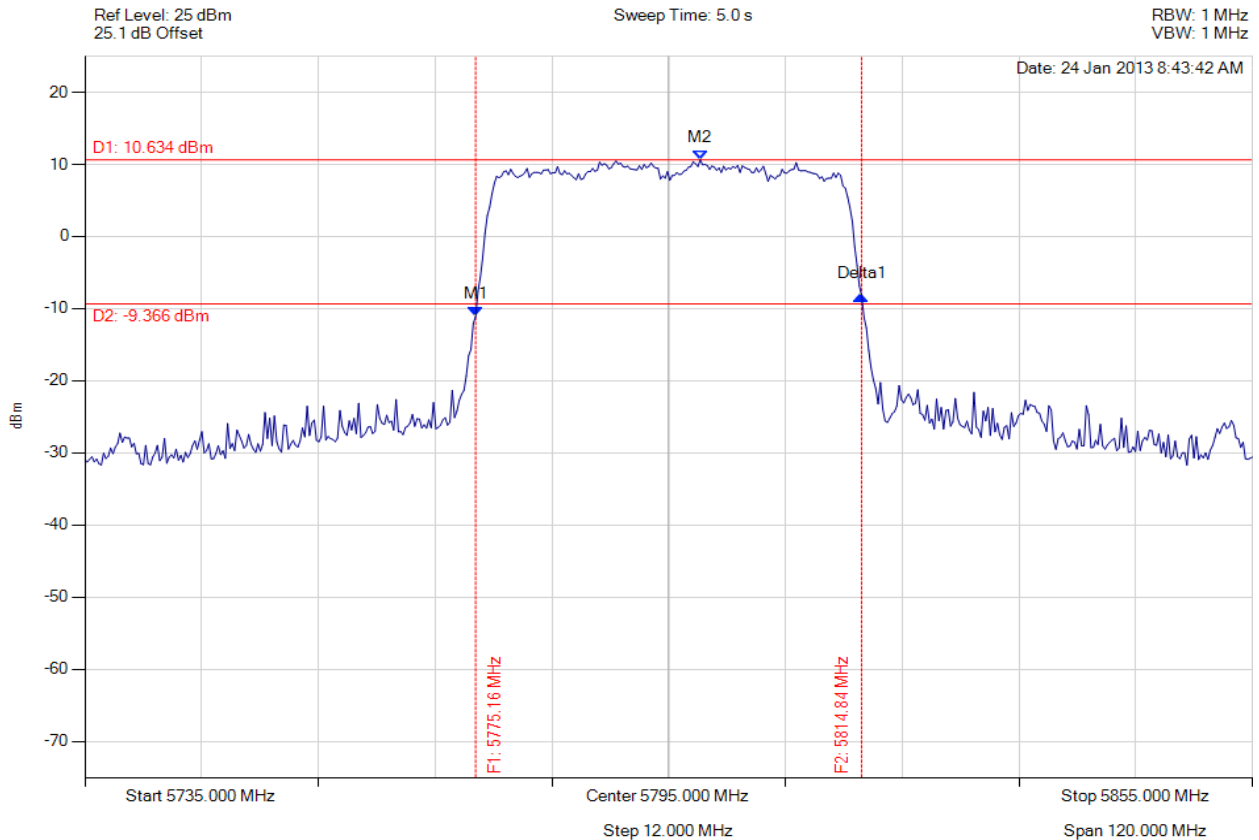
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### PEAK OUTPUT POWER

Variant: 802.11n HT-40, Channel: 5795.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5775.160 MHz : -11.101 dBm M2 : 5798.246 MHz : 10.634 dBm Delta1 : 39.679 MHz : 2.827 dB	Channel Power: 24.20 dBm Limit: 25.23 dBm Margin: -1.03 dB

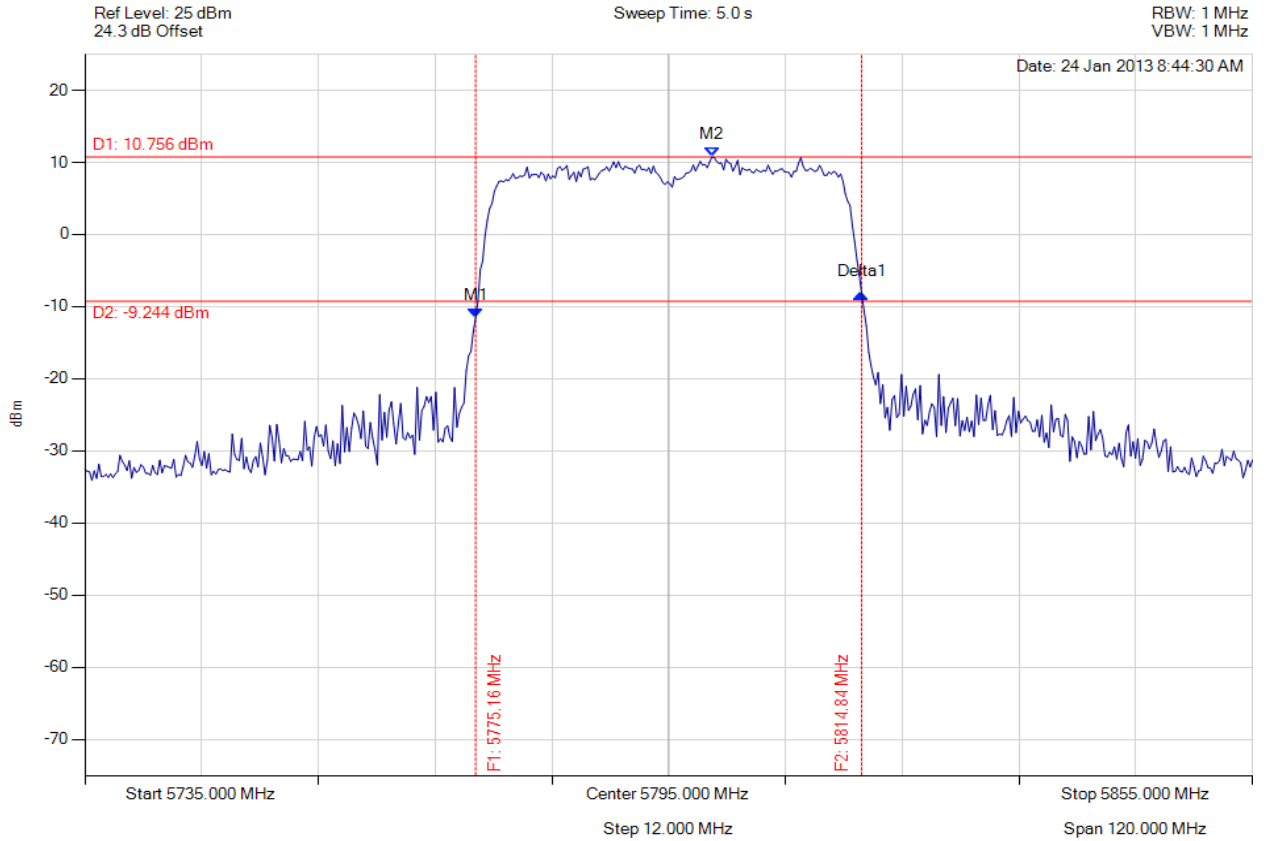
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**PEAK OUTPUT POWER**

Variant: 802.11n HT-40, Channel: 5795.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5775.160 MHz : -11.569 dBm M2 : 5799.449 MHz : 10.756 dBm Delta1 : 5814.84 MHz : 3.329 dB	Channel Power: 23.87 dBm Limit: 25.23 dBm Margin: -1.36 dB

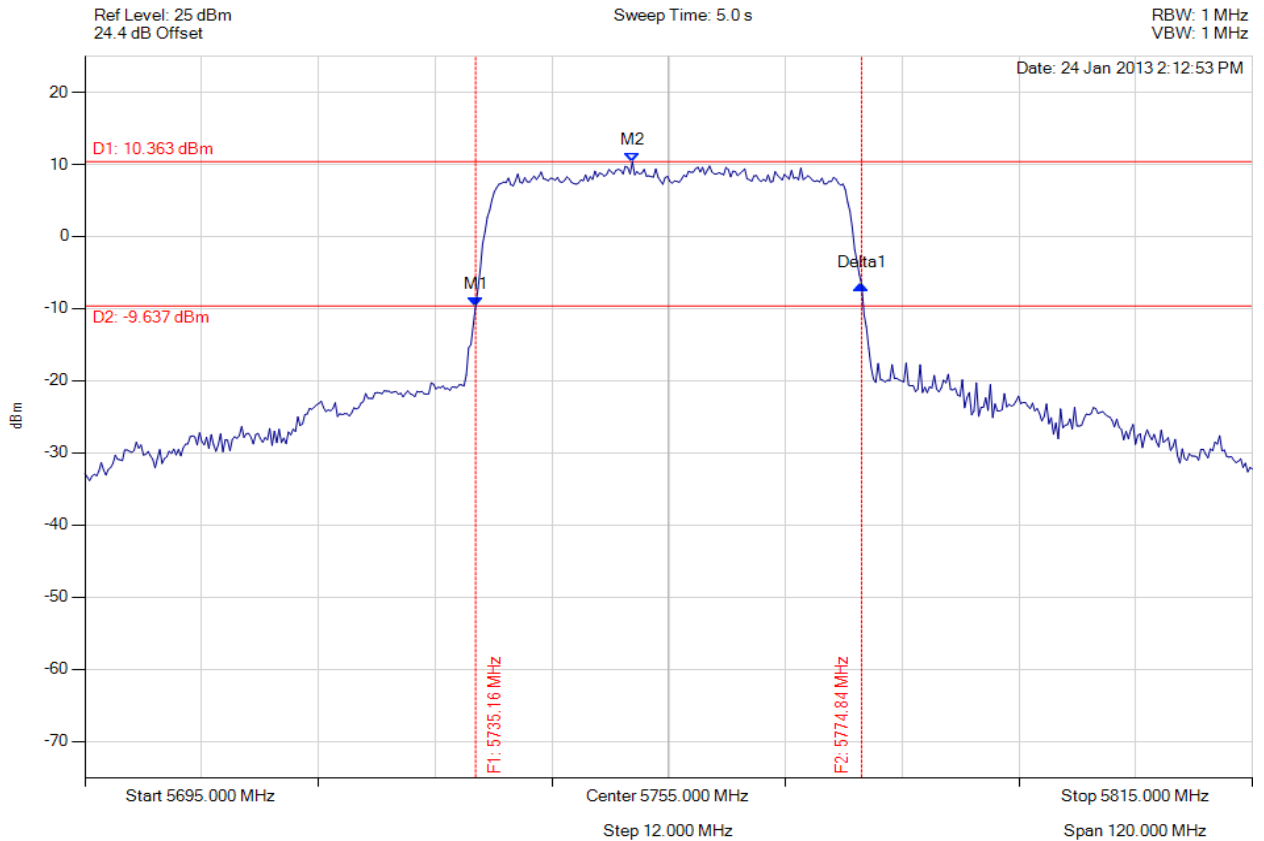
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### PEAK OUTPUT POWER

Variant: 802.11ac-40, Channel: 5755.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5735.160 MHz : -9.643 dBm M2 : 5751.273 MHz : 10.363 dBm Delta1 : 39.679 MHz : 2.951 dB	Channel Power: 23.42 dBm Limit: 25.23 dBm Margin: -1.81 dB

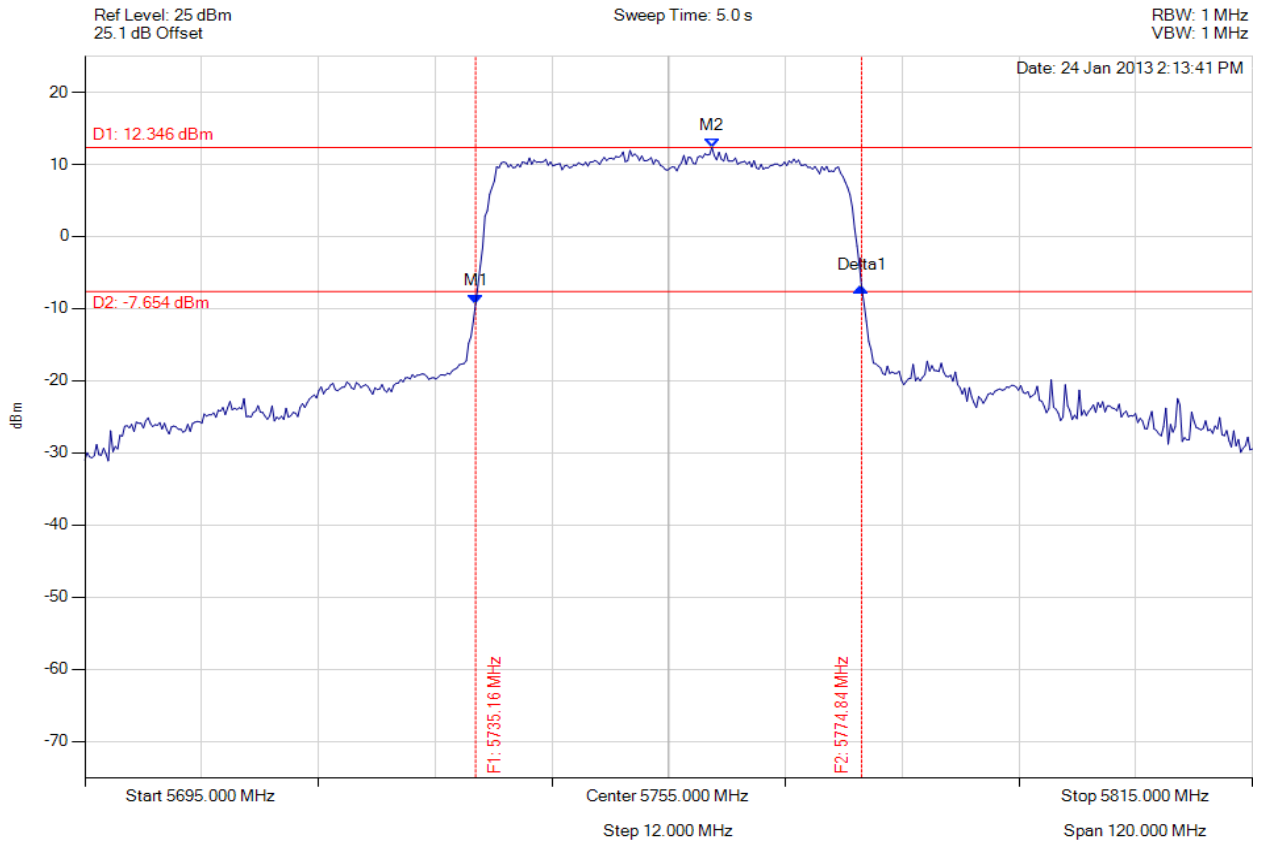
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**PEAK OUTPUT POWER**

Variant: 802.11ac-40, Channel: 5755.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5735.160 MHz : -9.295 dBm M2 : 5759.449 MHz : 12.346 dBm Delta1 : 39.679 MHz : 2.203 dB	Channel Power: 25.35 dBm Limit: 25.23 dBm Margin: 0.12 dB

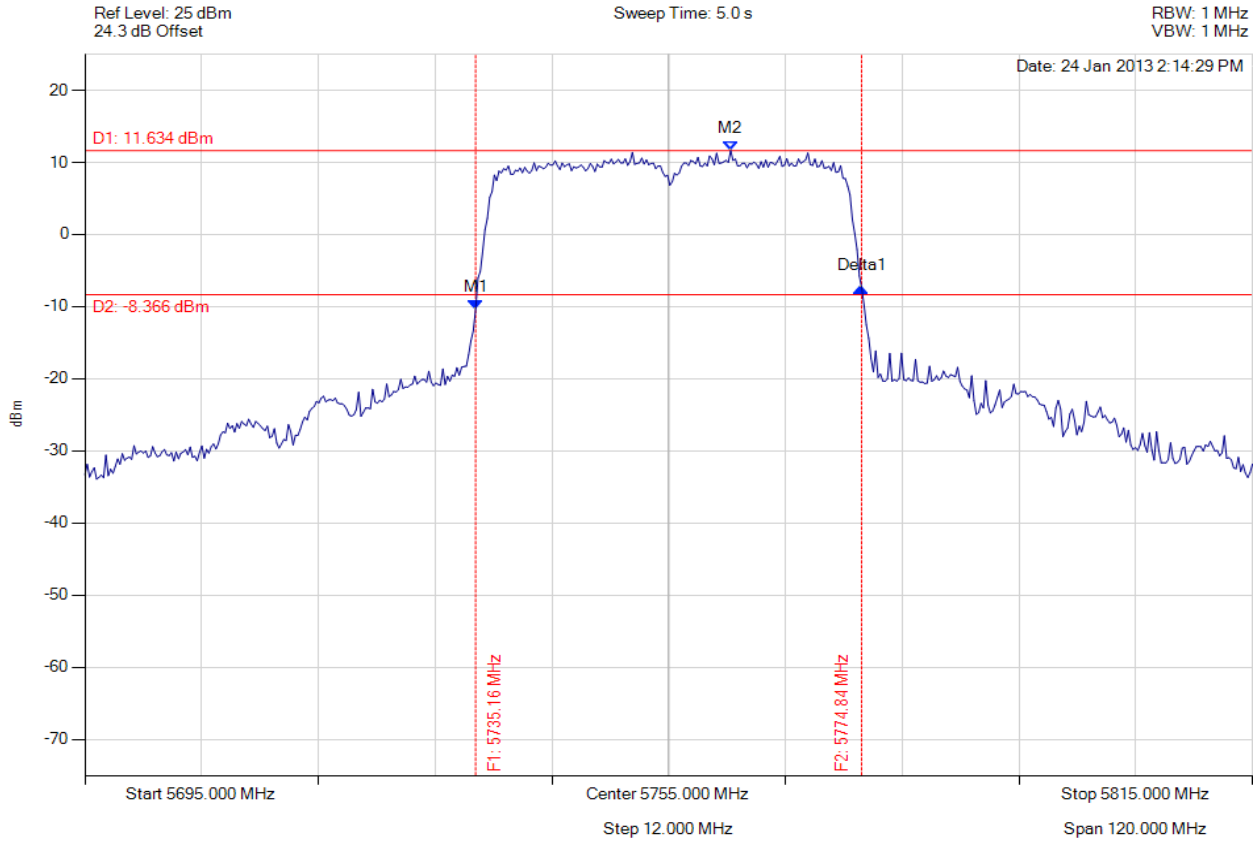
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### PEAK OUTPUT POWER

Variant: 802.11ac-40, Channel: 5755.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5735.160 MHz : -10.397 dBm M2 : 5761.373 MHz : 11.634 dBm Delta1 : 39.679 MHz : 3.004 dB	Channel Power: 24.74 dBm Limit: 25.23 dBm Margin: -0.49 dB

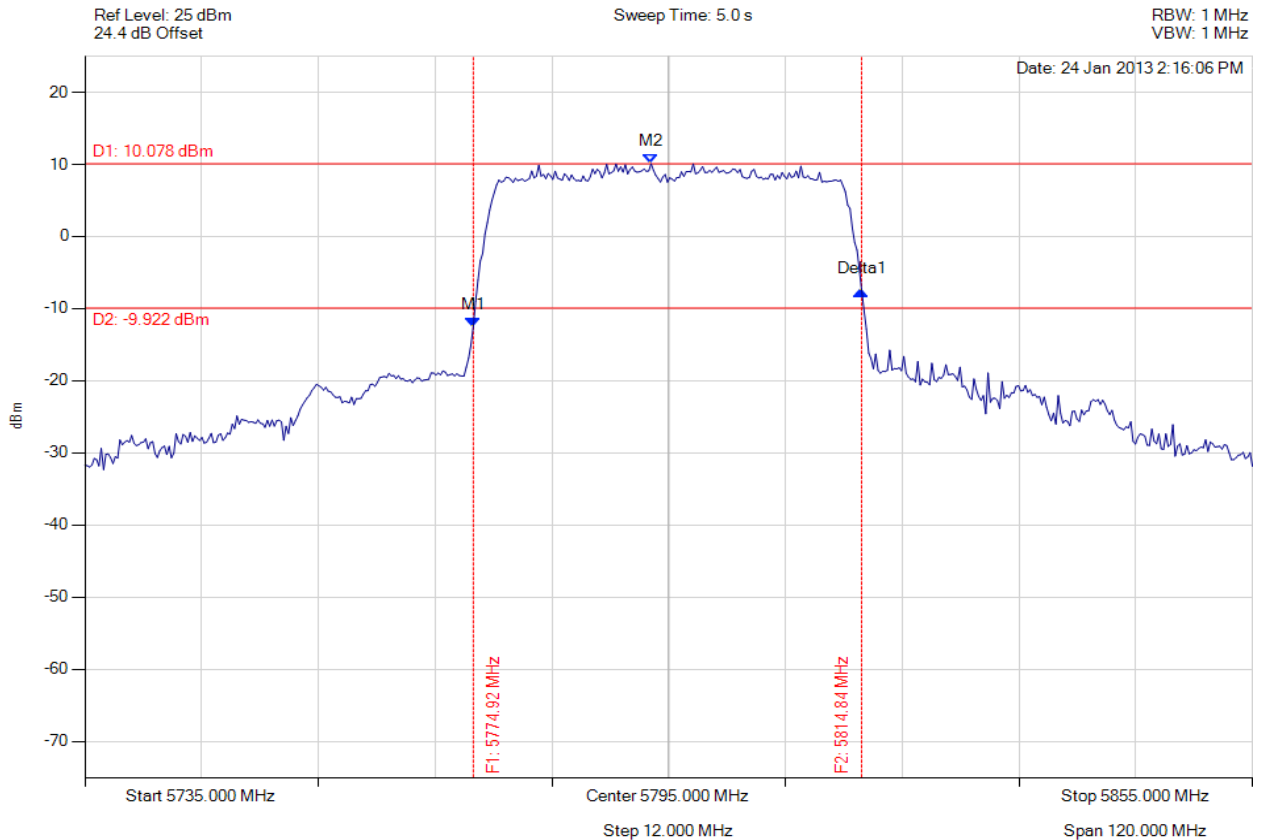
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### PEAK OUTPUT POWER

Variant: 802.11ac-40, Channel: 5795.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5774.920 MHz : -12.500 dBm M2 : 5793.196 MHz : 10.078 dBm Delta1 : 39.920 MHz : 5.005 dB	Channel Power: 23.64 dBm Limit: 25.23 dBm Margin: -1.59 dB

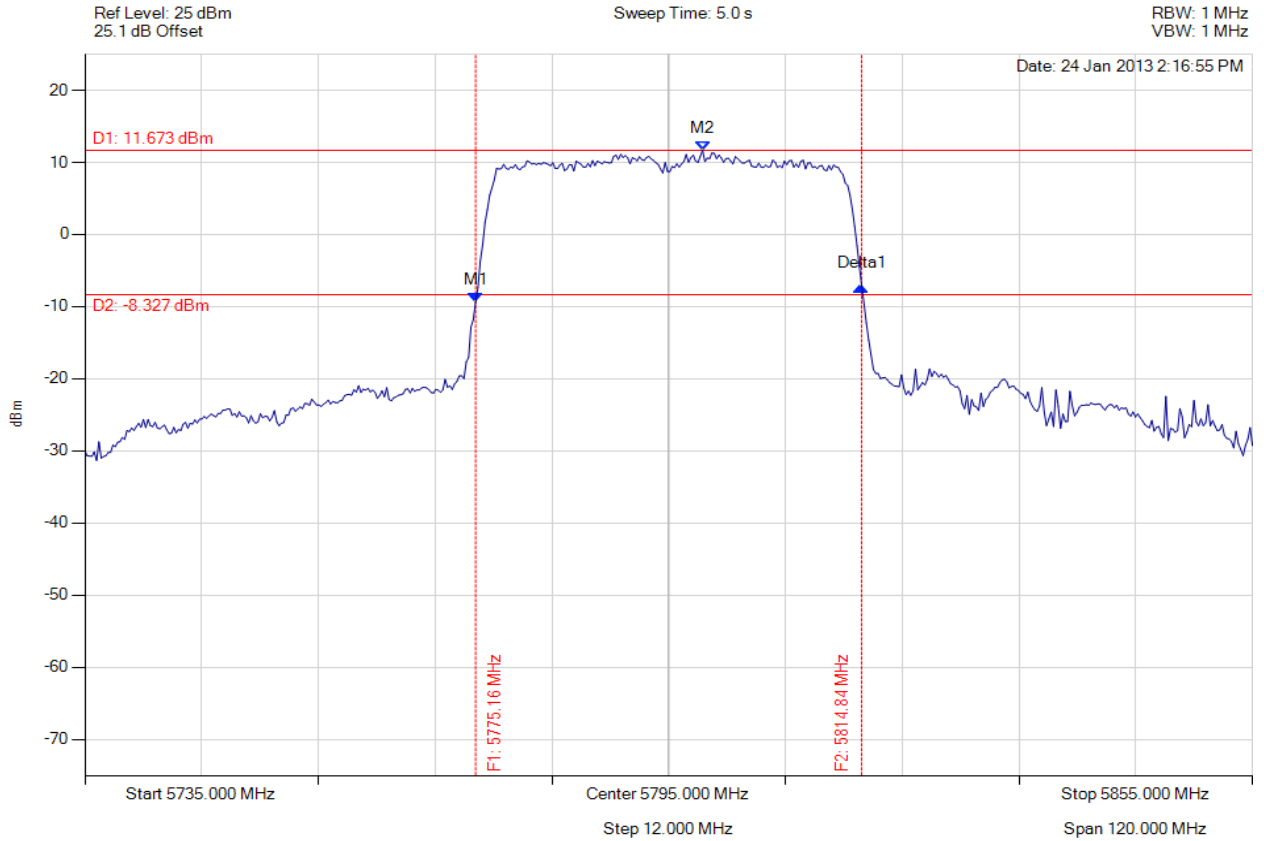
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### PEAK OUTPUT POWER

Variant: 802.11ac-40, Channel: 5795.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5775.160 MHz : -9.380 dBm M2 : 5798.487 MHz : 11.673 dBm Delta1 : 39.679 MHz : 2.259 dB	Channel Power: 25.00 dBm Limit: 25.23 dBm Margin: -0.23 dB

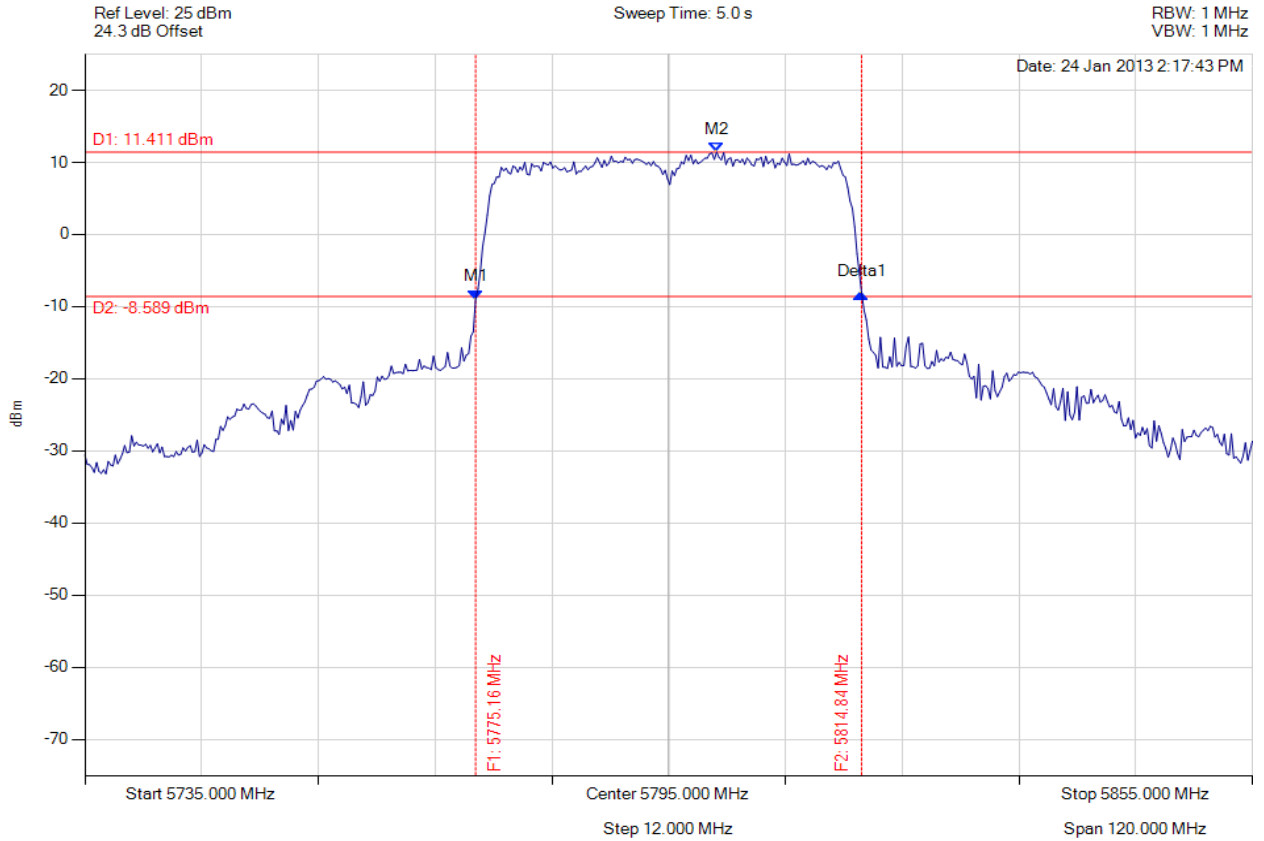
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### PEAK OUTPUT POWER

Variant: 802.11ac-40, Channel: 5795.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5775.160 MHz : -8.957 dBm M2 : 5799.930 MHz : 11.411 dBm Delta1 : 39.679 MHz : 0.781 dB	Channel Power: 24.88 dBm Limit: 25.23 dBm Margin: -0.35 dB

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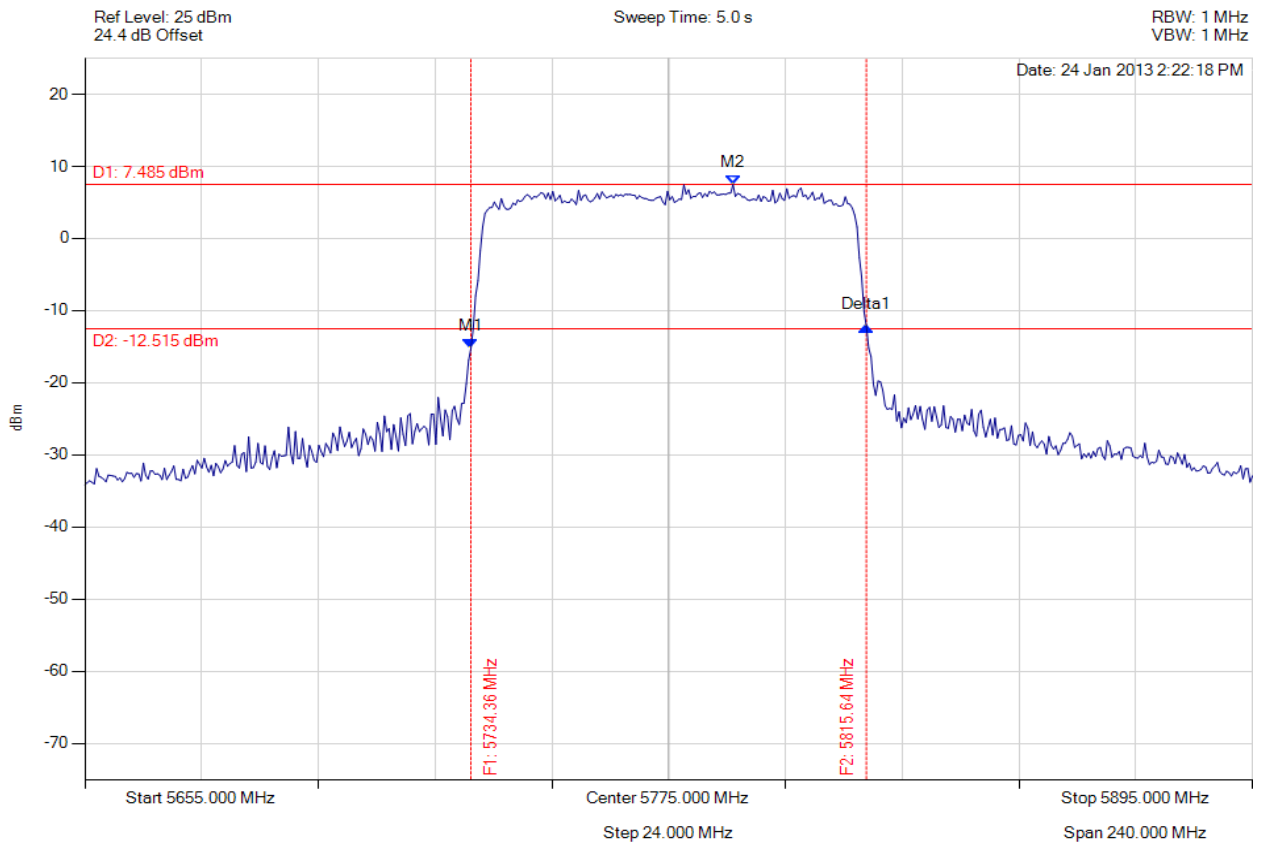
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### PEAK OUTPUT POWER

Variant: 802.11ac-80, Channel: 5775.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5734.359 MHz : -15.227 dBm M2 : 5788.226 MHz : 7.485 dBm Delta1 : 81.283 MHz : 3.089 dB	Channel Power: 23.96 dBm Limit: 25.23 dBm Margin: -1.27 dB

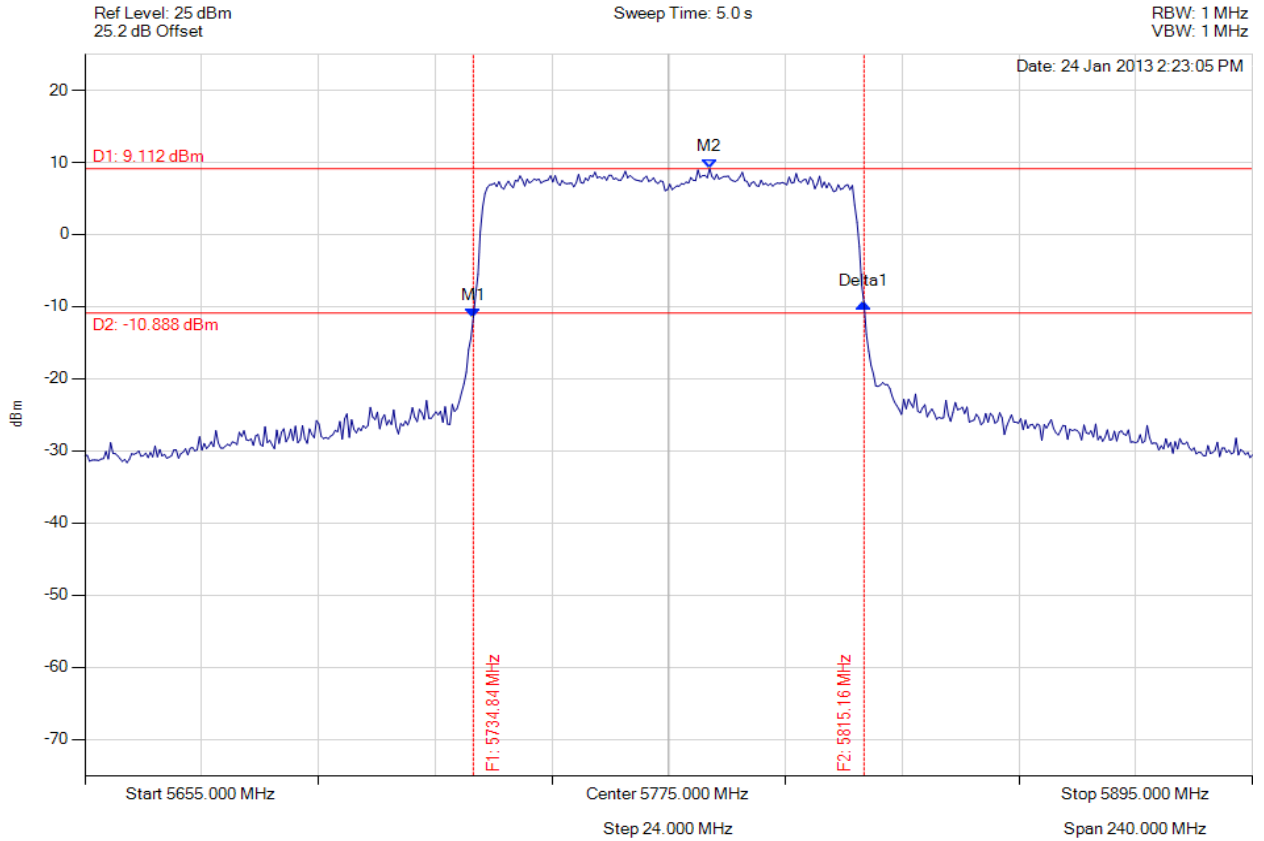
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### PEAK OUTPUT POWER

Variant: 802.11ac-80, Channel: 5775.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5734.840 MHz : -11.518 dBm M2 : 5783.417 MHz : 9.112 dBm Delta1 : 80.321 MHz : 1.932 dB	Channel Power: 25.70 dBm Limit: 25.23 dBm Margin: 0.47 dB

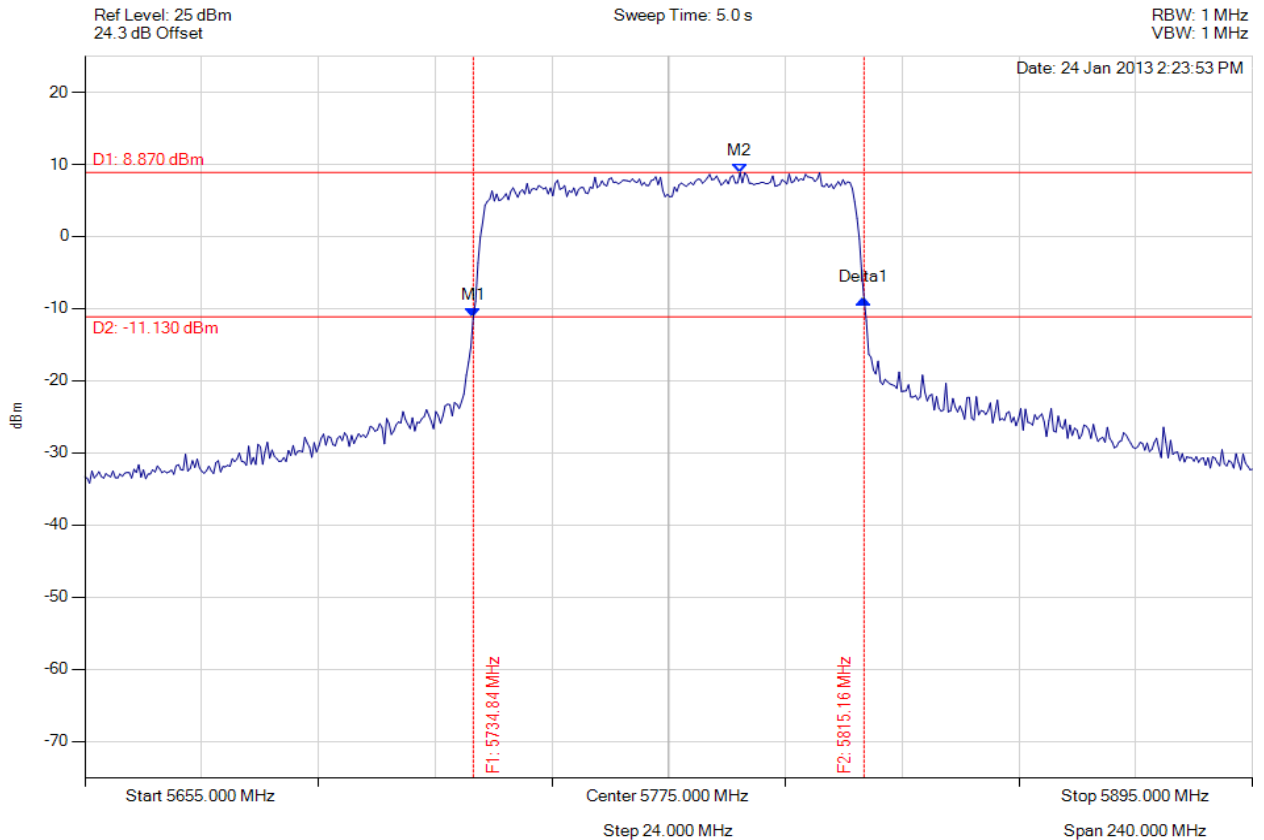
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### PEAK OUTPUT POWER

Variant: 802.11ac-80, Channel: 5775.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5734.840 MHz : -11.136 dBm M2 : 5789.669 MHz : 8.870 dBm Delta1 : 80.321 MHz : 2.497 dB	Channel Power: 25.52 dBm Limit: 25.23 dBm Margin: 0.29 dB

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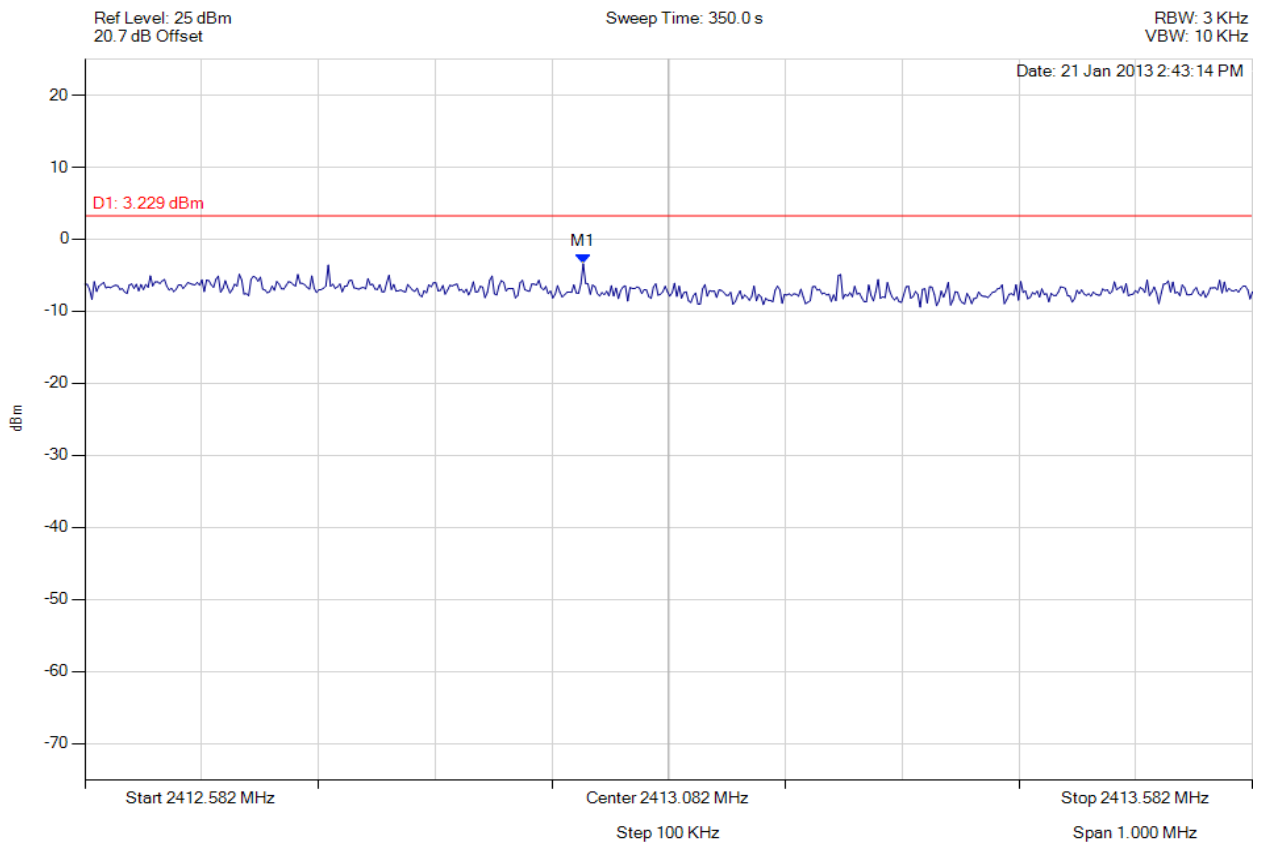


### A.1.3. Power Spectral Density



#### POWER SPECTRAL DENSITY

Variant: 802.11b, Channel: 2412.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2413.009 MHz : -3.395 dBm	Limit: $\leq 3.23$ dBm Margin: -6.62 dB

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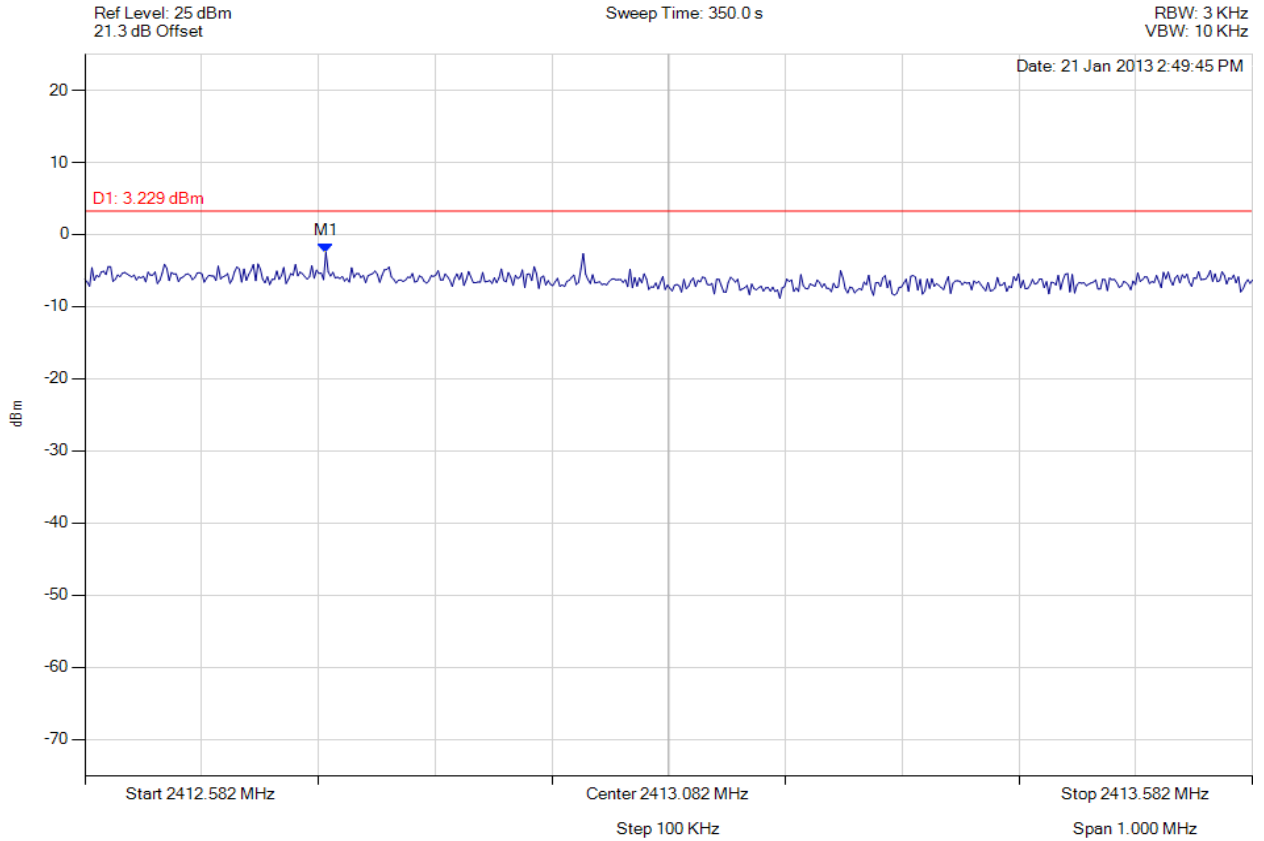


**Title:** APIN0224, APIN0225 802.11a/b/g/n/ac  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
**Serial #:** ARUB145-U1 Rev A  
**Issue Date:** 11th May 2013  
**Page:** 279 of 472



### POWER SPECTRAL DENSITY

Variant: 802.11b, Channel: 2412.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2412.789 MHz : -2.488 dBm	Limit: $\leq 3.23$ dBm Margin: -5.72 dB

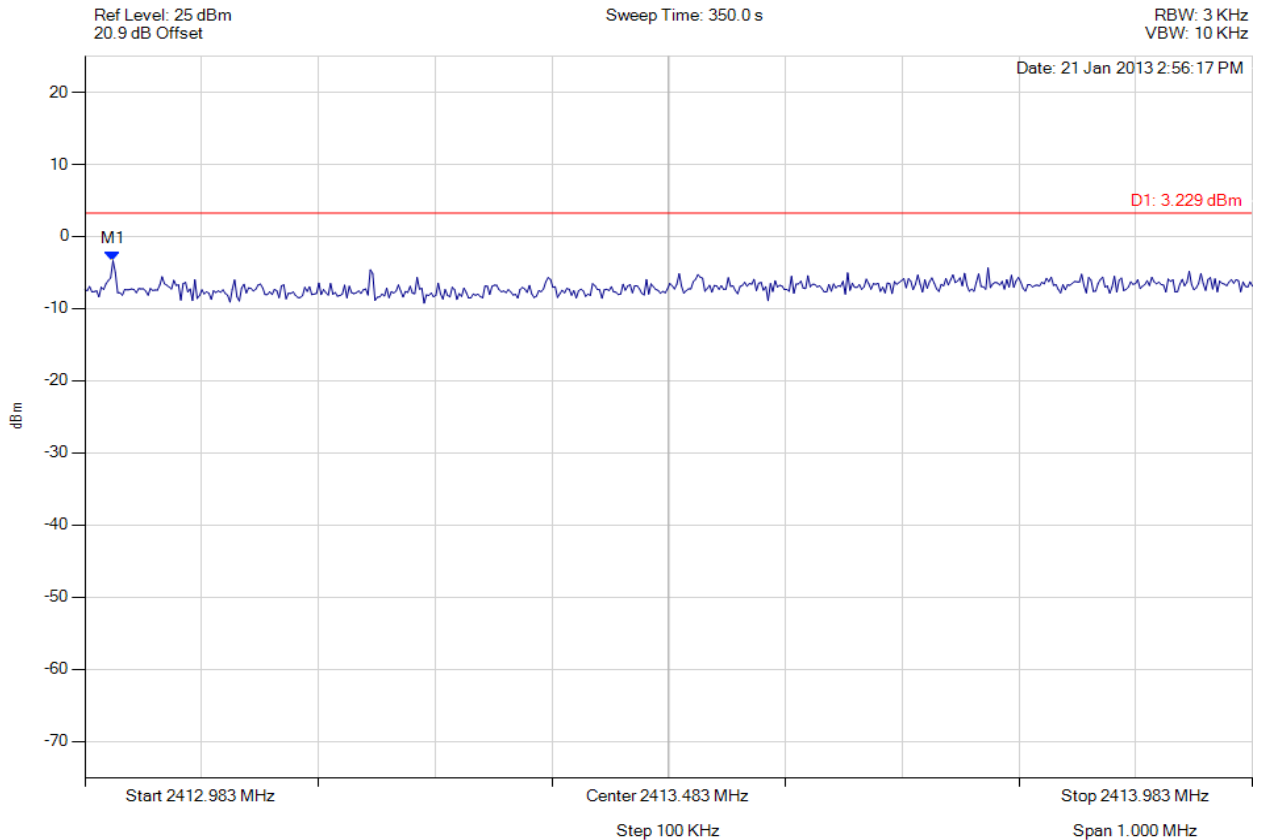
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**POWER SPECTRAL DENSITY**

Variant: 802.11b, Channel: 2412.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2413.007 MHz : -3.369 dBm	Limit: $\leq 3.23$ dBm Margin: -6.60 dB

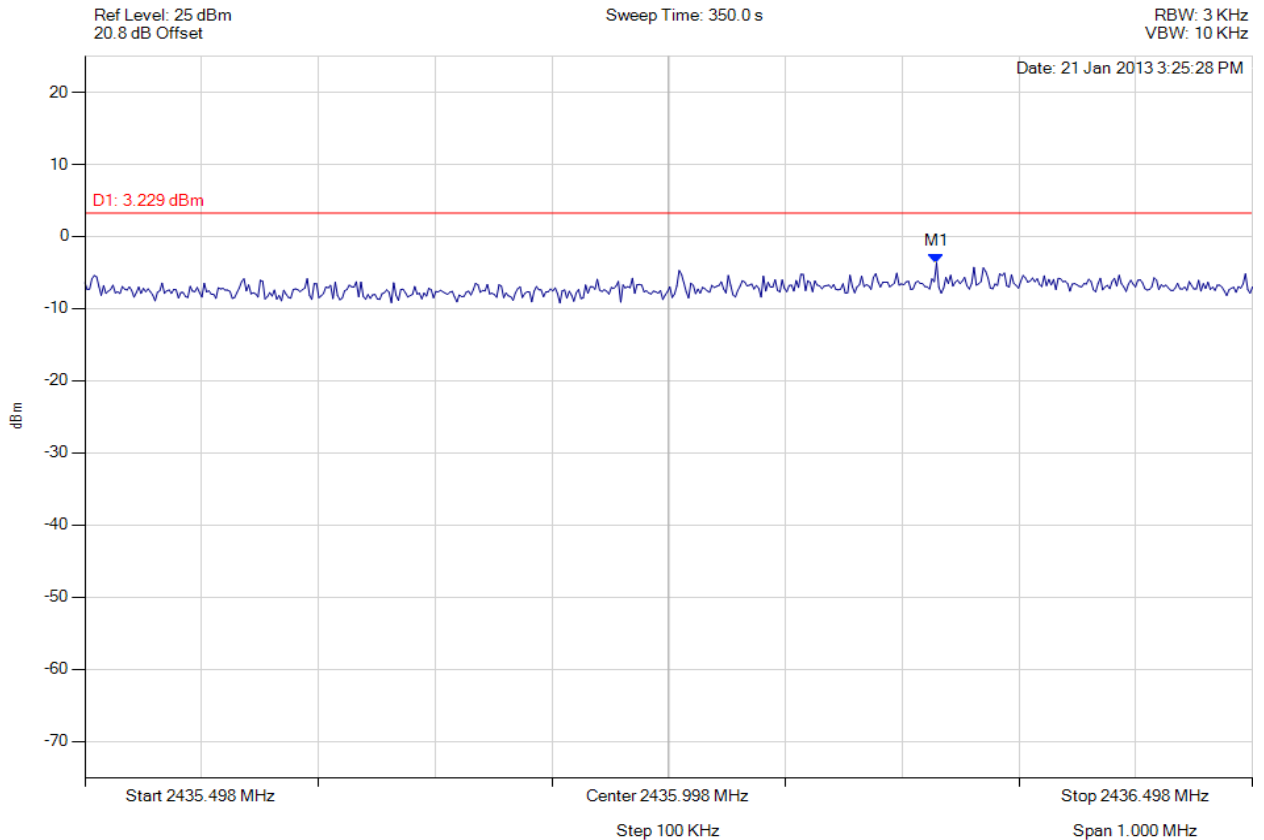
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**POWER SPECTRAL DENSITY**

Variant: 802.11b, Channel: 2437.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2436.227 MHz : -3.674 dBm	Limit: ≤3.23 dBm Margin: -6.90 dB

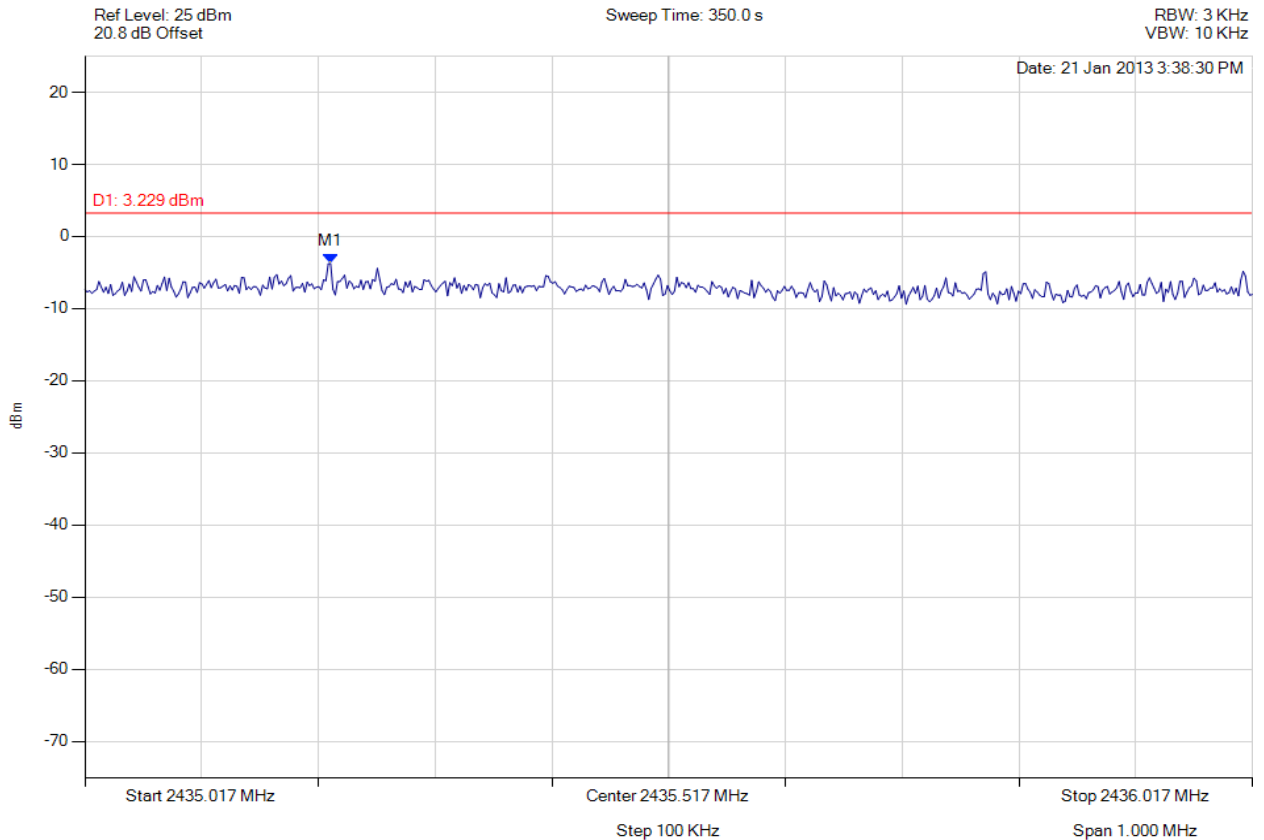
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### POWER SPECTRAL DENSITY

Variant: 802.11b, Channel: 2437.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2435.227 MHz : -3.741 dBm	Limit: $\leq 3.23$ dBm Margin: -6.97 dB

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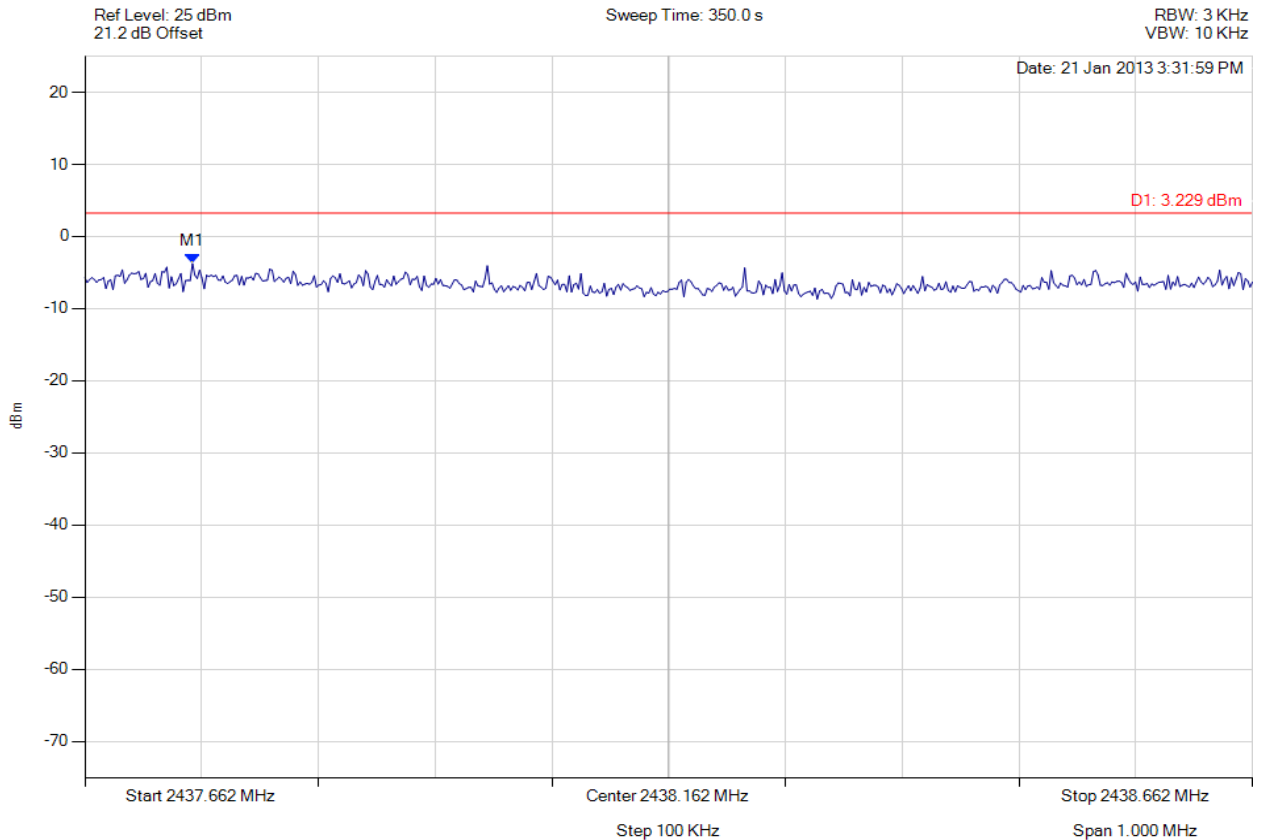
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**POWER SPECTRAL DENSITY**

Variant: 802.11b, Channel: 2437.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2437.755 MHz : -3.755 dBm	Limit: $\leq 3.23$ dBm Margin: -6.98 dB

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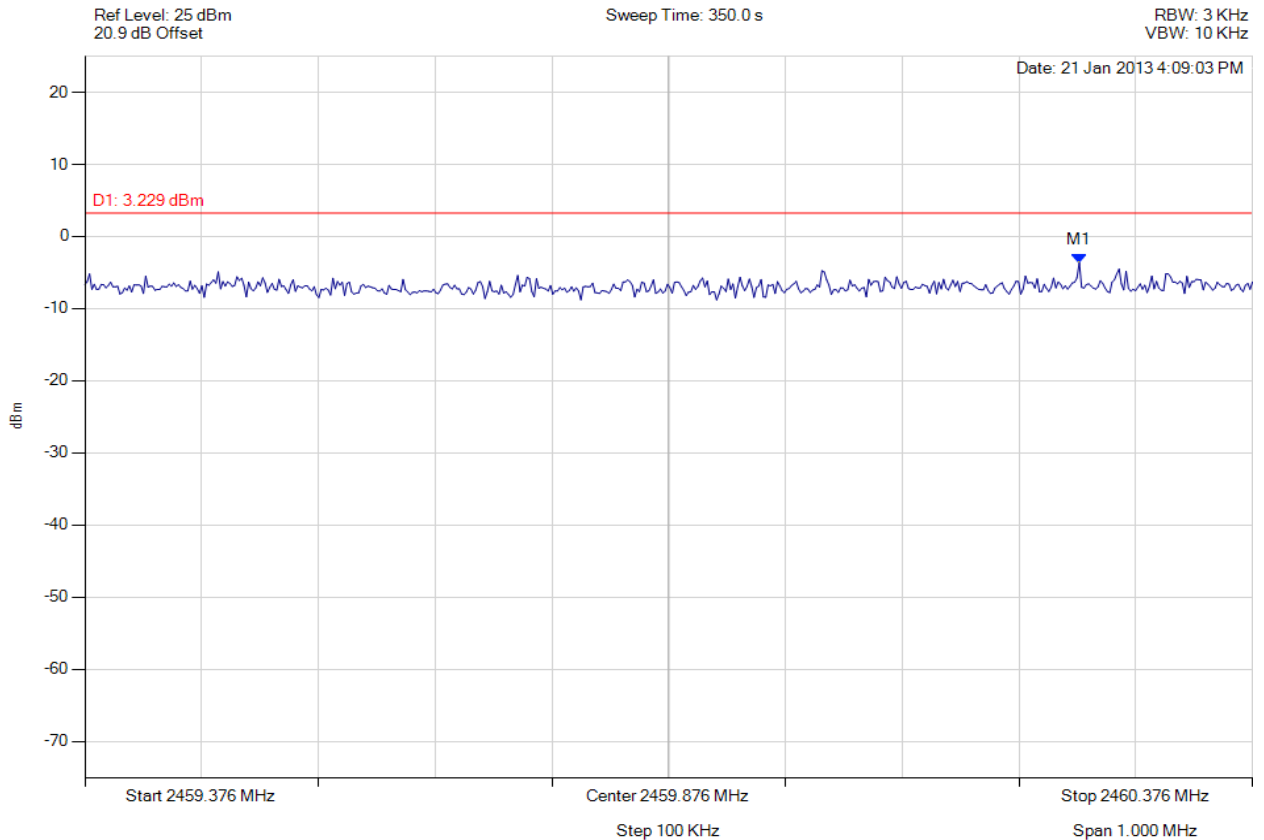


**Title:** APIN0224, APIN0225 802.11a/b/g/n/ac  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
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### POWER SPECTRAL DENSITY

Variant: 802.11b, Channel: 2462.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2460.227 MHz : -3.625 dBm	Limit: $\leq 3.23$ dBm Margin: -6.85 dB

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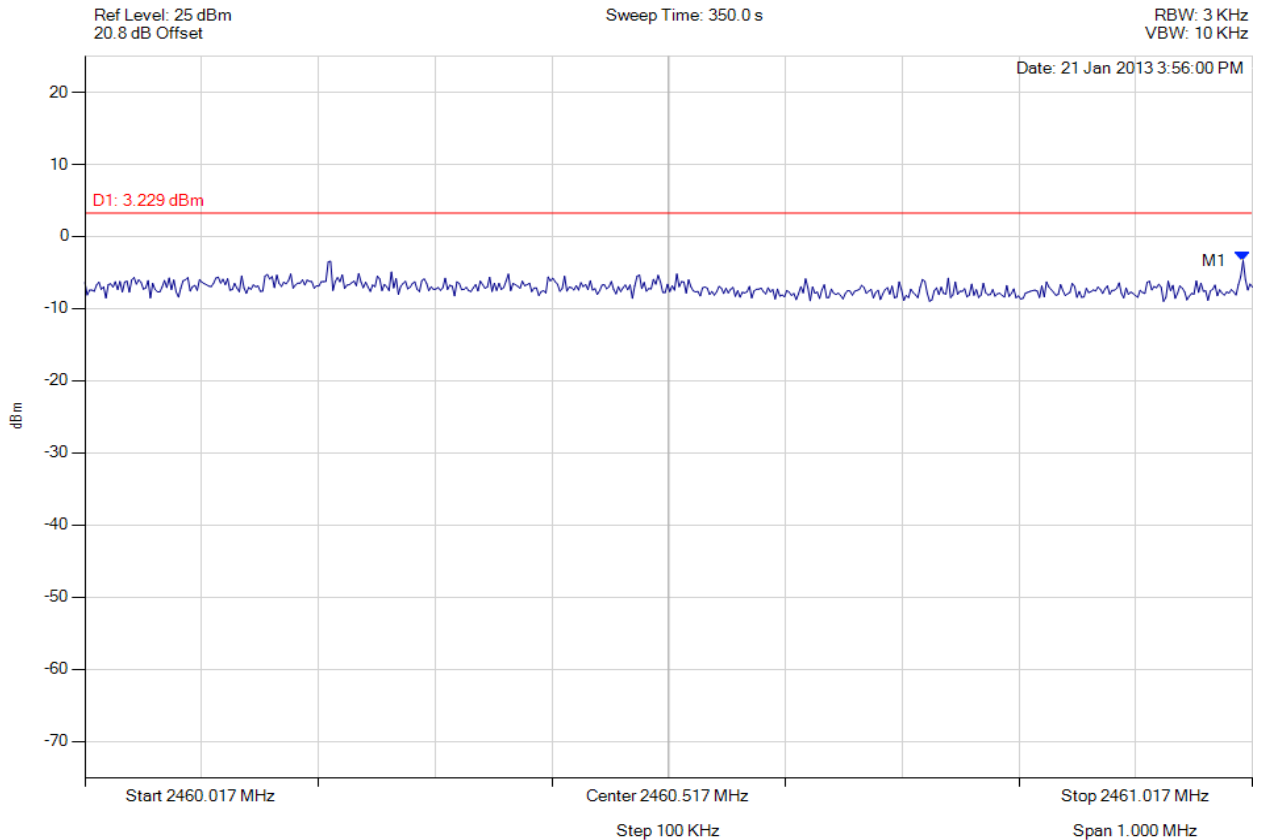


**Title:** APIN0224, APIN0225 802.11a/b/g/n/ac  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
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### POWER SPECTRAL DENSITY

Variant: 802.11b, Channel: 2462.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2461.009 MHz : -3.363 dBm	Limit: $\leq 3.23$ dBm Margin: -6.59 dB

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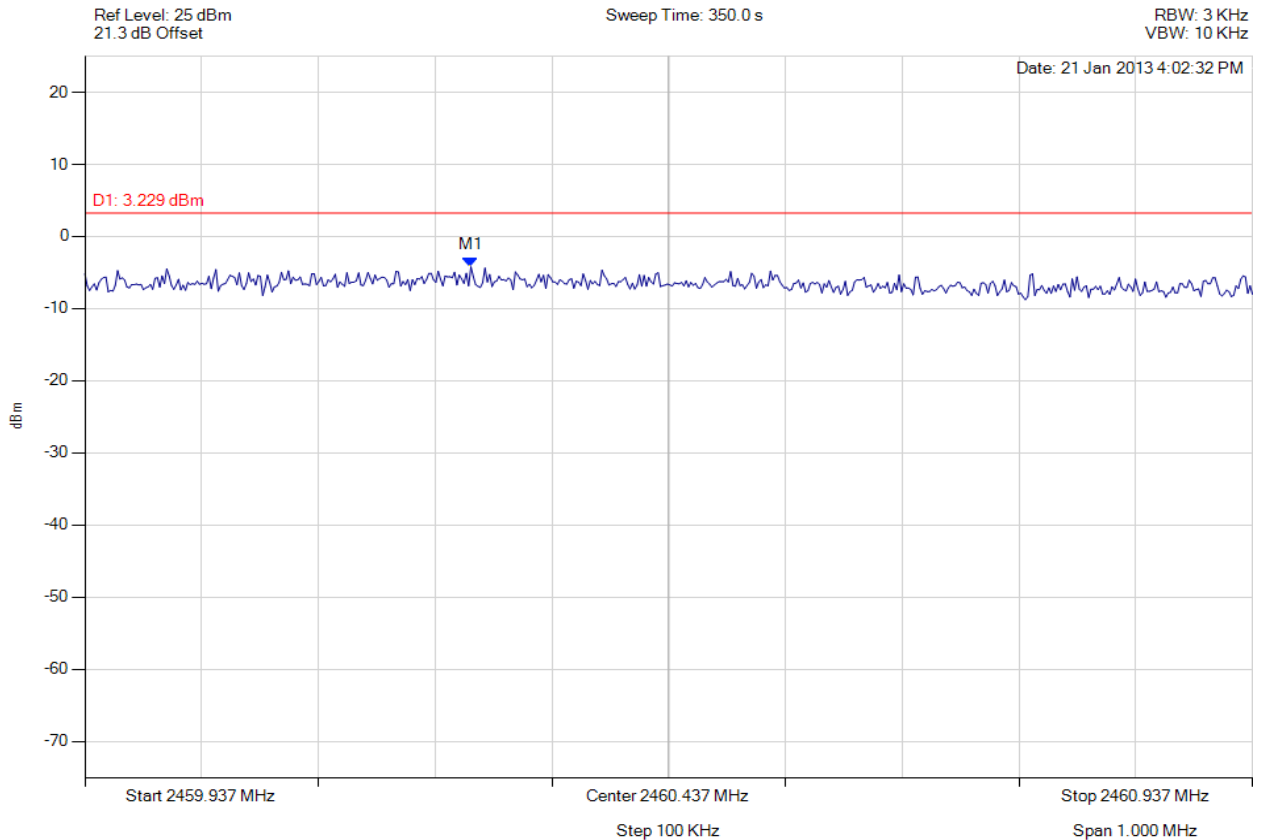


**Title:** APIN0224, APIN0225 802.11a/b/g/n/ac  
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### POWER SPECTRAL DENSITY

Variant: 802.11b, Channel: 2462.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2460.268 MHz : -4.217 dBm	Limit: $\leq 3.23$ dBm Margin: -7.45 dB

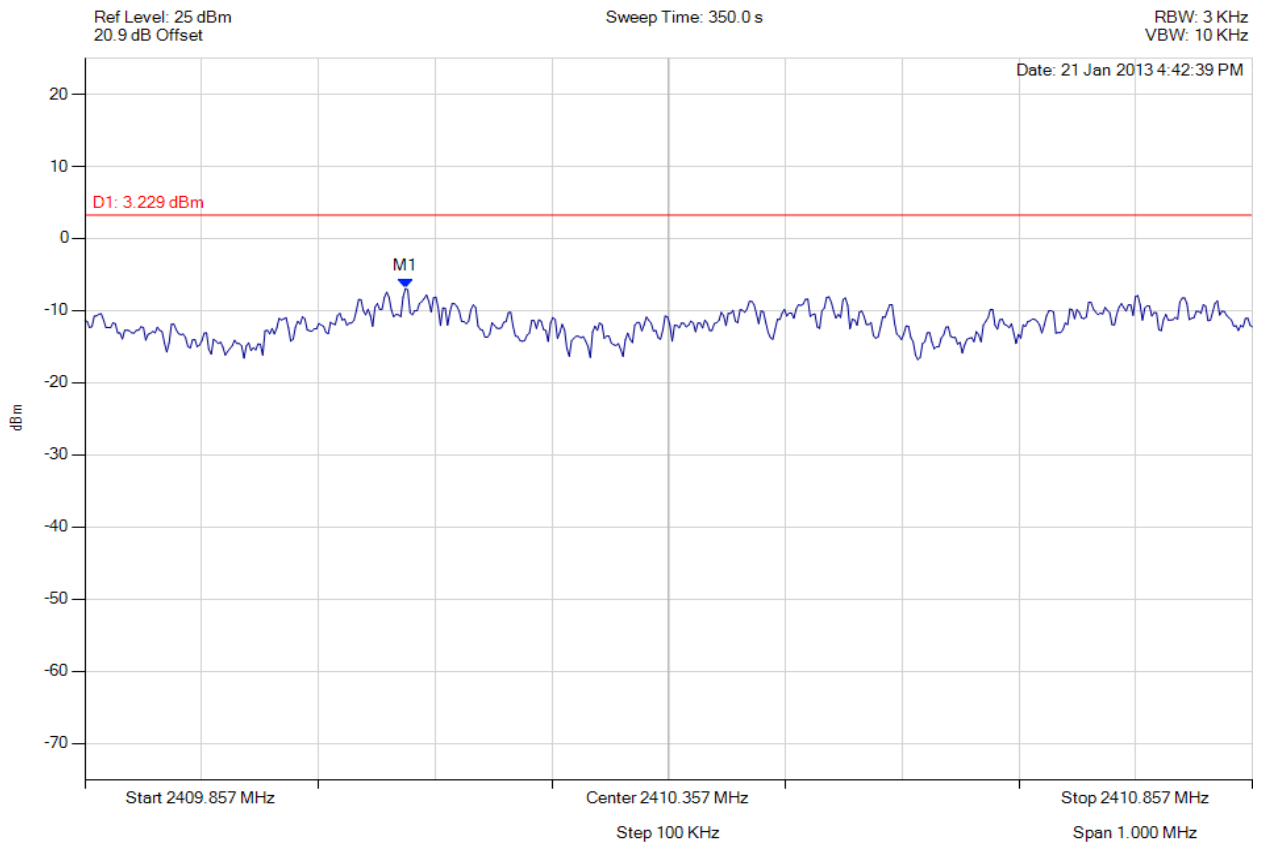
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**POWER SPECTRAL DENSITY**

Variant: 802.11g, Channel: 2412.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2410.131 MHz : -6.946 dBm	Limit: $\leq 3.23$ dBm Margin: -10.17 dB

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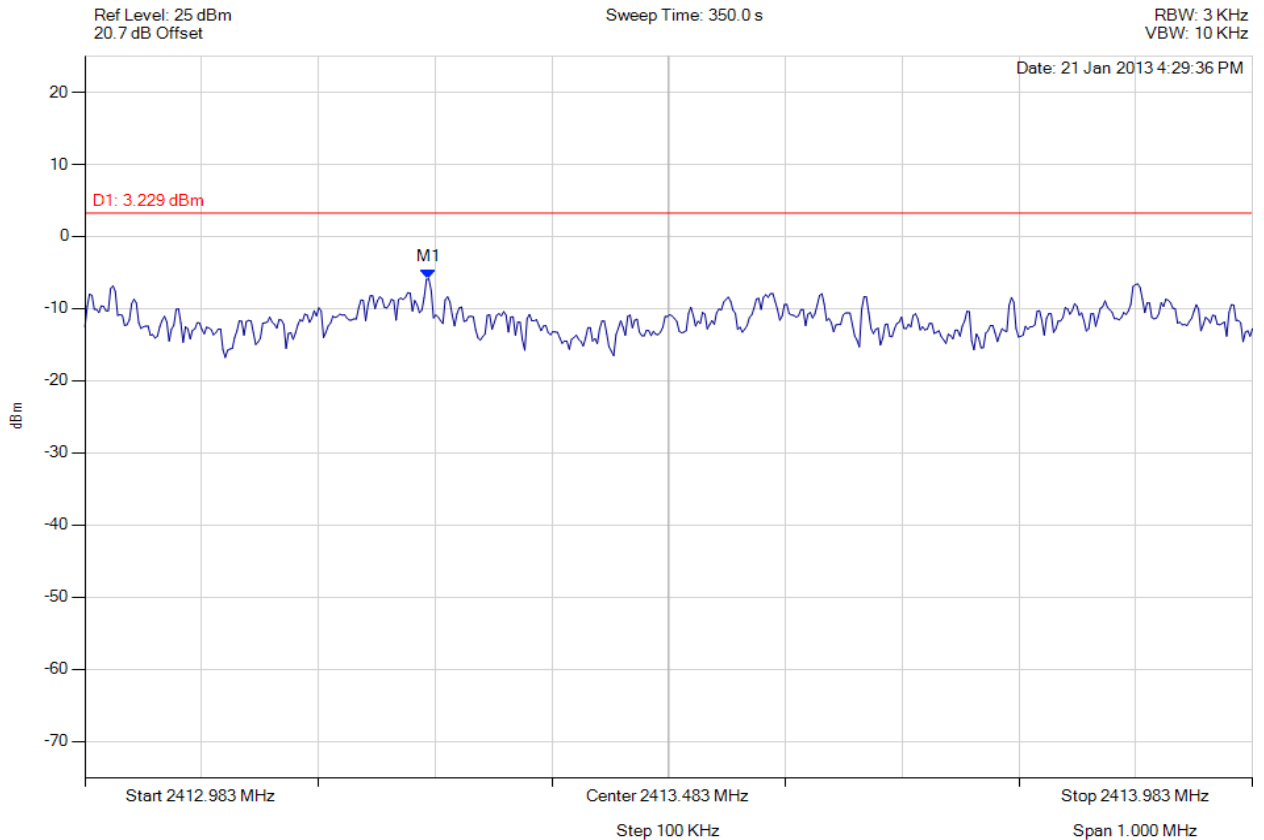


**Title:** APIN0224, APIN0225 802.11a/b/g/n/ac  
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### POWER SPECTRAL DENSITY

Variant: 802.11g, Channel: 2412.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2413.278 MHz : -5.866 dBm	Limit: $\leq 3.23$ dBm Margin: -9.09 dB

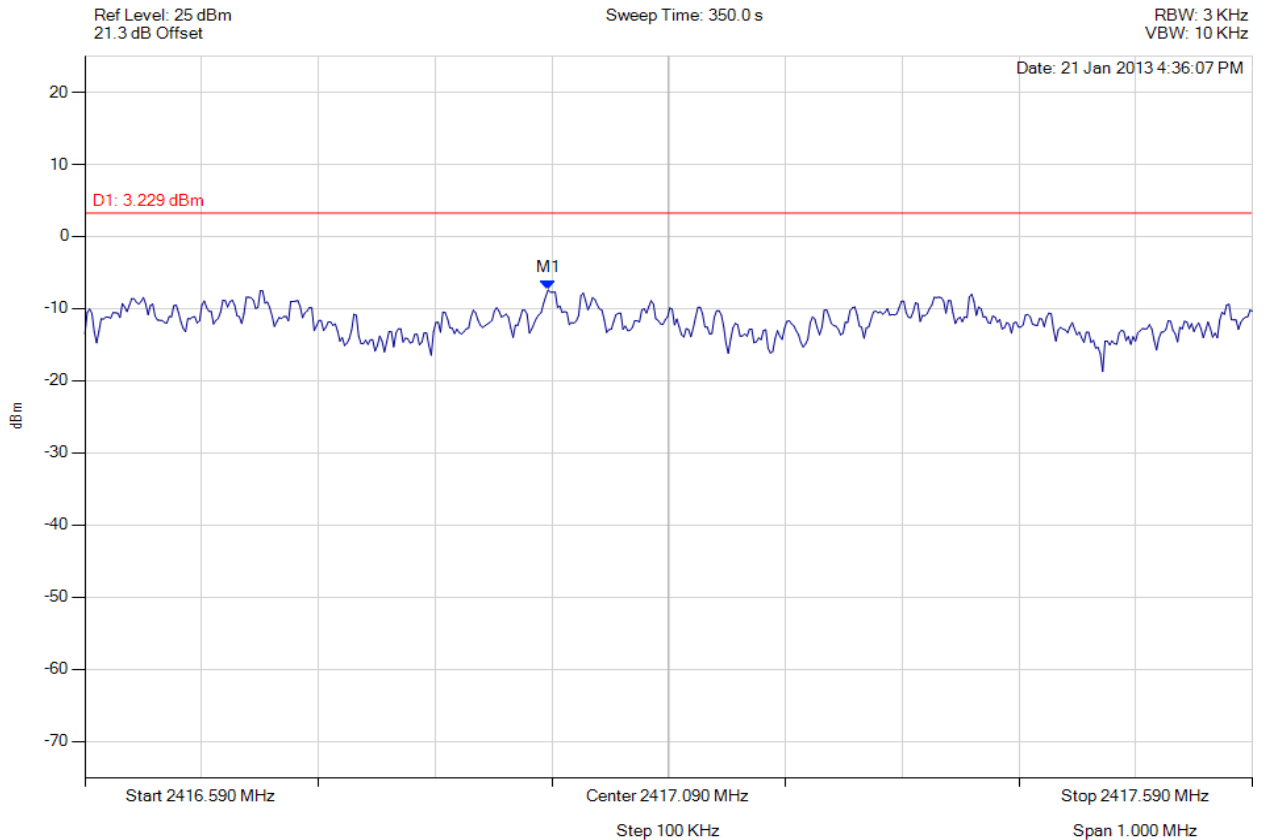
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**POWER SPECTRAL DENSITY**

Variant: 802.11g, Channel: 2412.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2416.987 MHz : -7.412 dBm	Limit: $\leq 3.23$ dBm Margin: -10.64 dB

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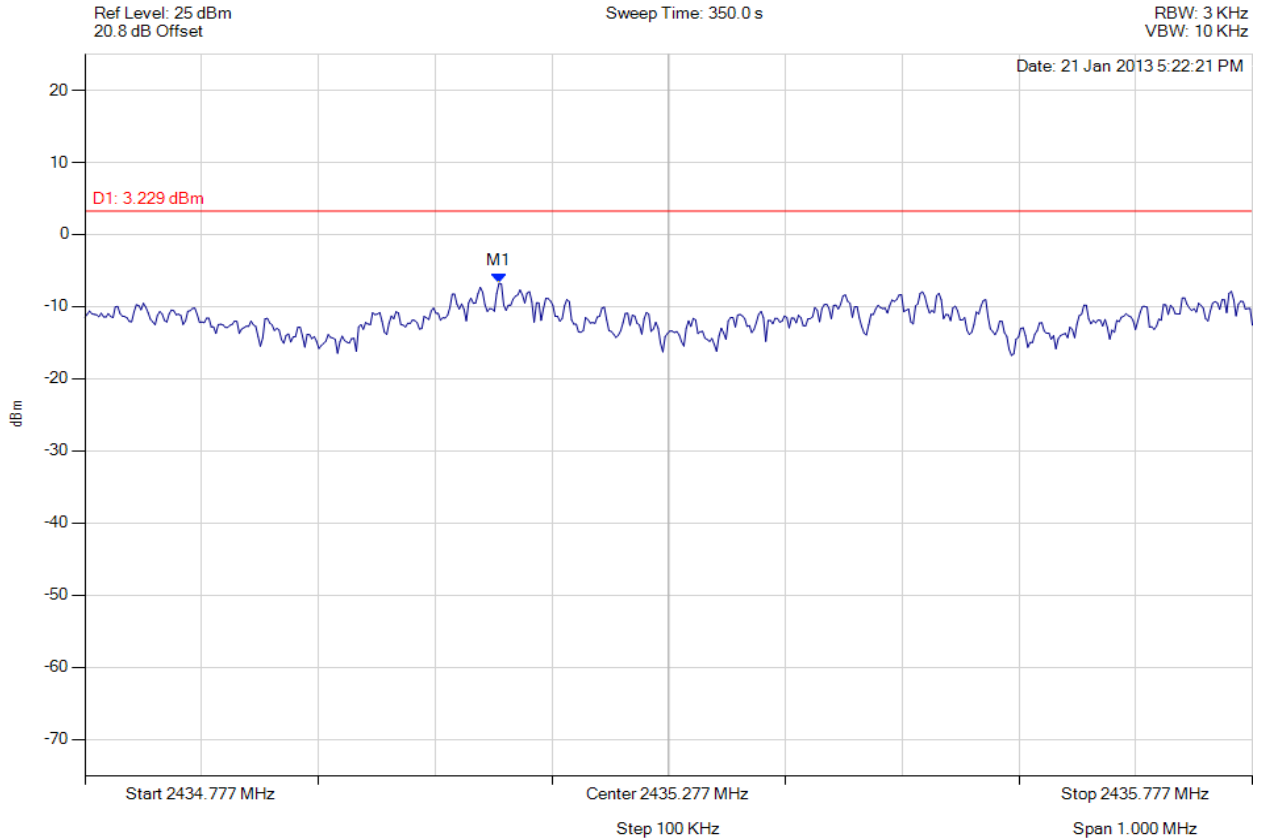


**Title:** APIN0224, APIN0225 802.11a/b/g/n/ac  
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### POWER SPECTRAL DENSITY

Variant: 802.11g, Channel: 2437.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2435.131 MHz : -6.771 dBm	Limit: $\leq 3.23$ dBm Margin: -10.00 dB

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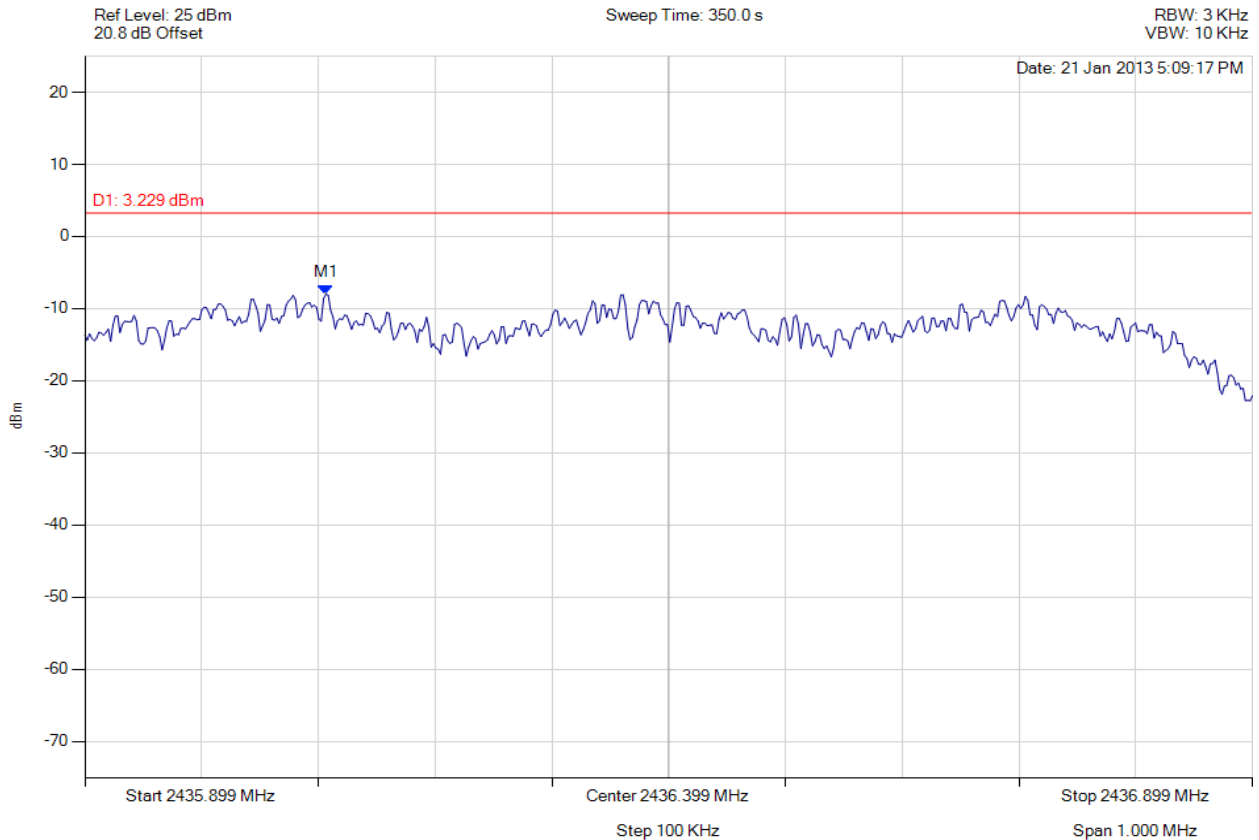
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**POWER SPECTRAL DENSITY**

Variant: 802.11g, Channel: 2437.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2436.105 MHz : -8.000 dBm	Limit: $\leq 3.23$ dBm Margin: -11.23 dB

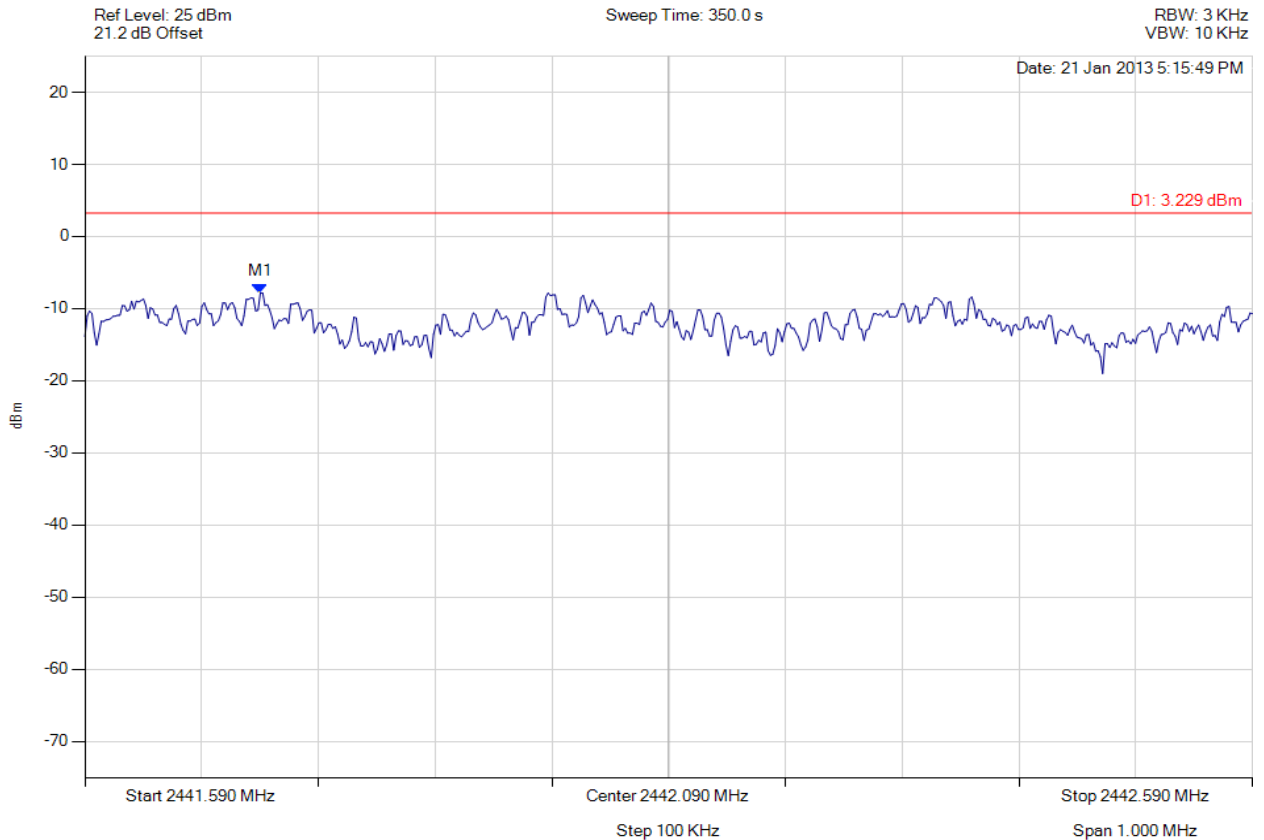
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**POWER SPECTRAL DENSITY**

Variant: 802.11g, Channel: 2437.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2441.740 MHz : -7.819 dBm	Limit: $\leq 3.23$ dBm Margin: -11.05 dB

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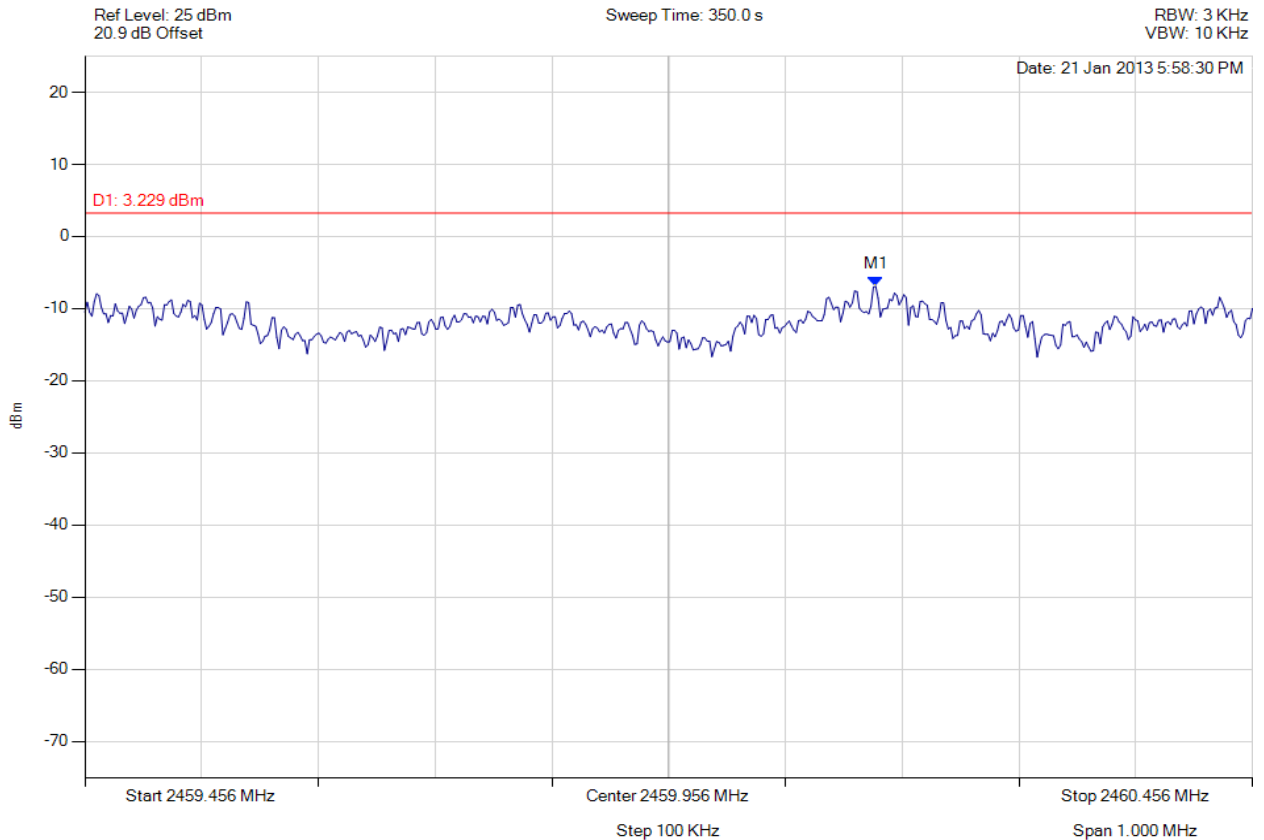


**Title:** APIN0224, APIN0225 802.11a/b/g/n/ac  
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### POWER SPECTRAL DENSITY

Variant: 802.11g, Channel: 2462.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2460.133 MHz : -6.918 dBm	Limit: $\leq 3.23$ dBm Margin: -10.15 dB

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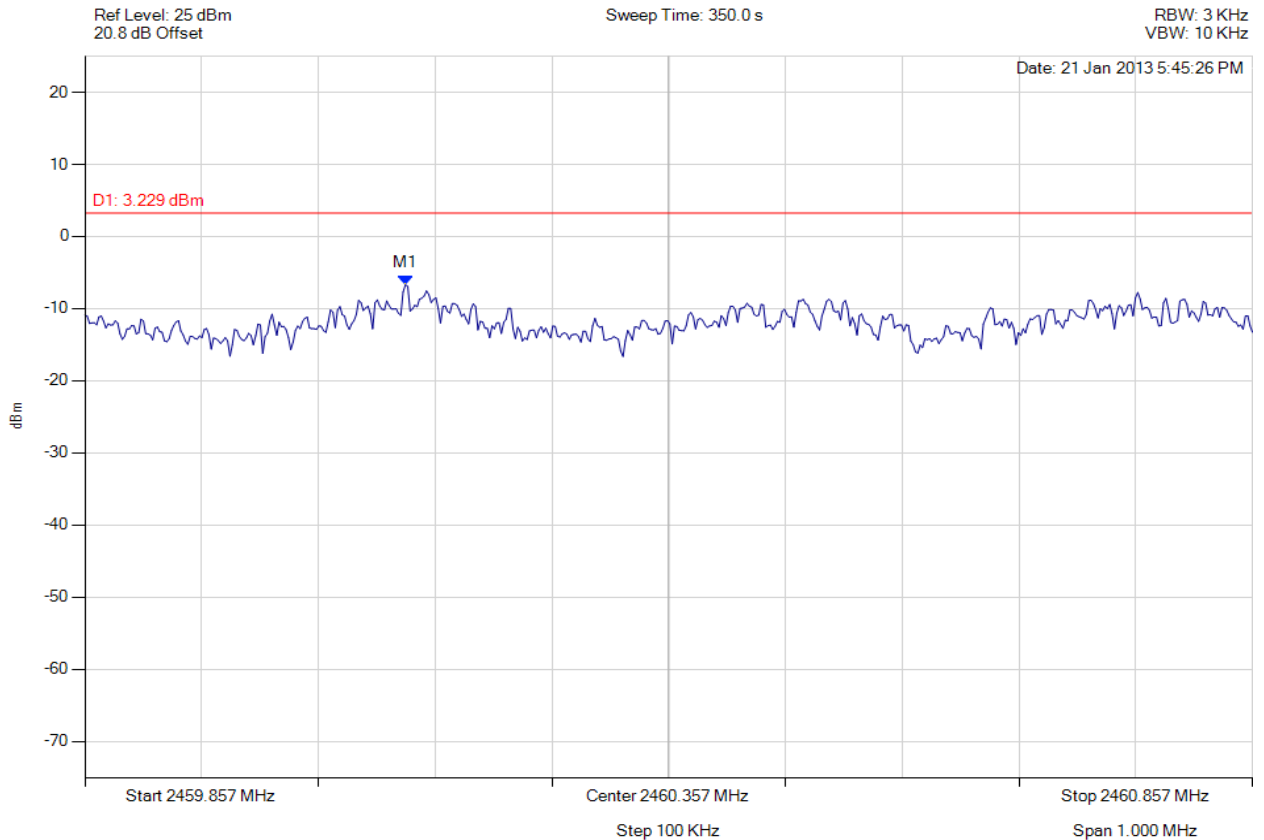


**Title:** APIN0224, APIN0225 802.11a/b/g/n/ac  
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### POWER SPECTRAL DENSITY

Variant: 802.11g, Channel: 2462.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2460.131 MHz : -6.692 dBm	Limit: $\leq 3.23$ dBm Margin: -9.92 dB

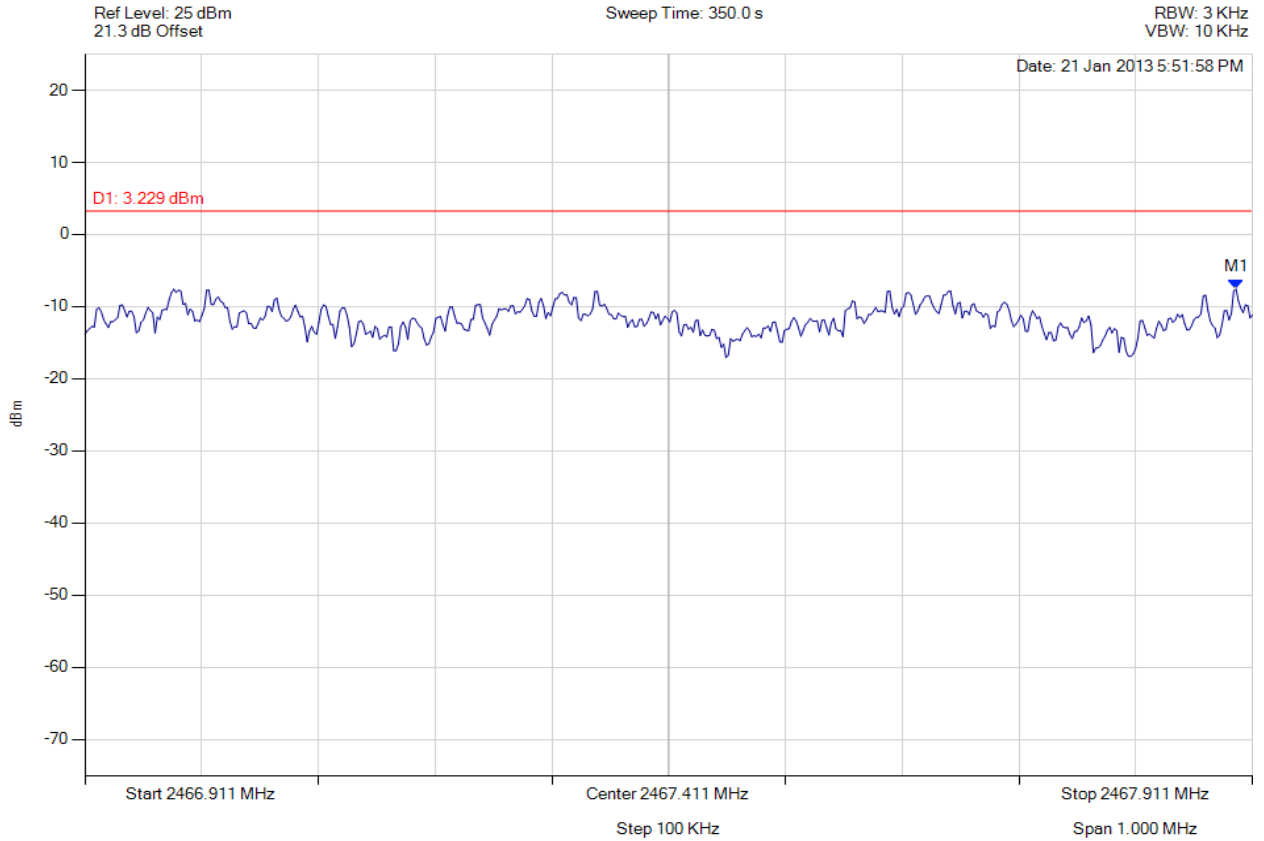
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**POWER SPECTRAL DENSITY**

Variant: 802.11g, Channel: 2462.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2467.897 MHz : -7.570 dBm	Limit: $\leq 3.23$ dBm Margin: -10.80 dB

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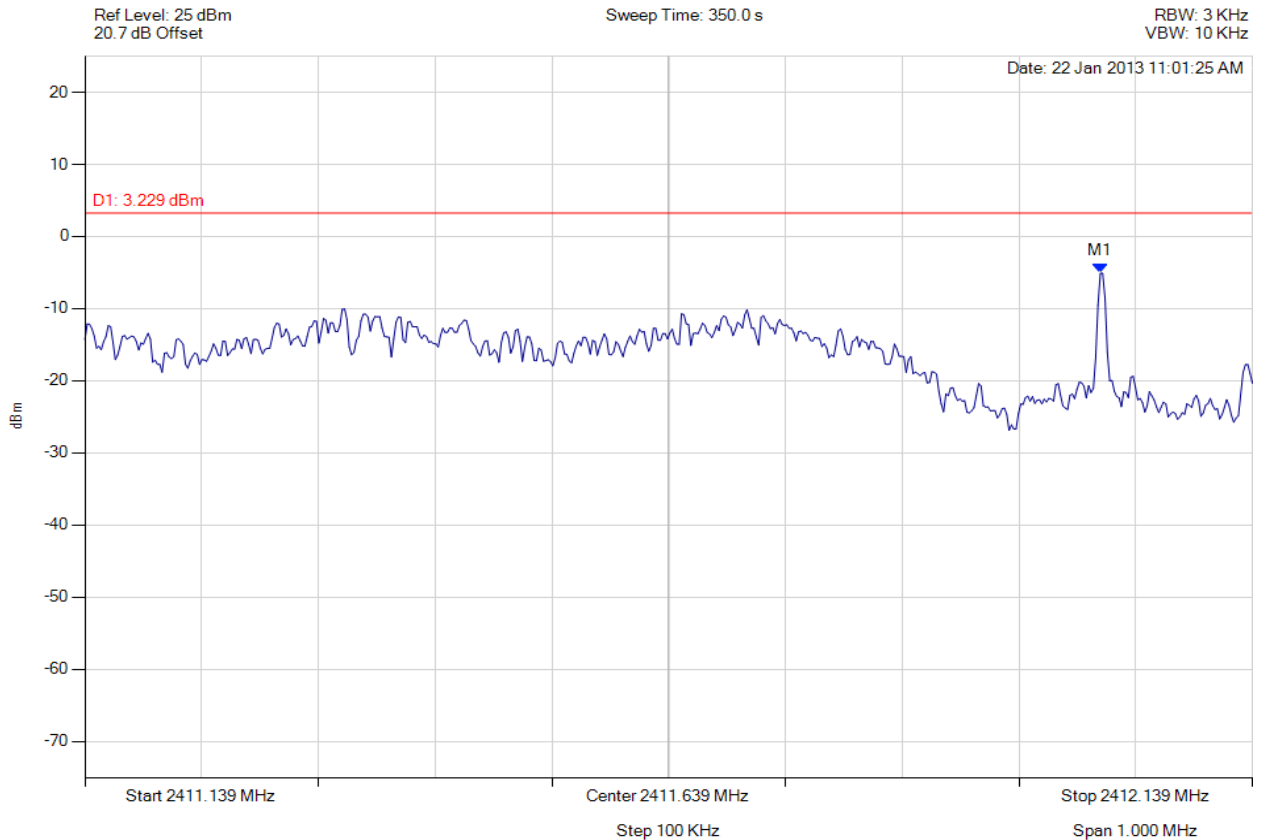


**Title:** APIN0224, APIN0225 802.11a/b/g/n/ac  
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### POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 2412.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2412.009 MHz : -5.110 dBm	Limit: $\leq 3.23$ dBm Margin: -8.34 dB

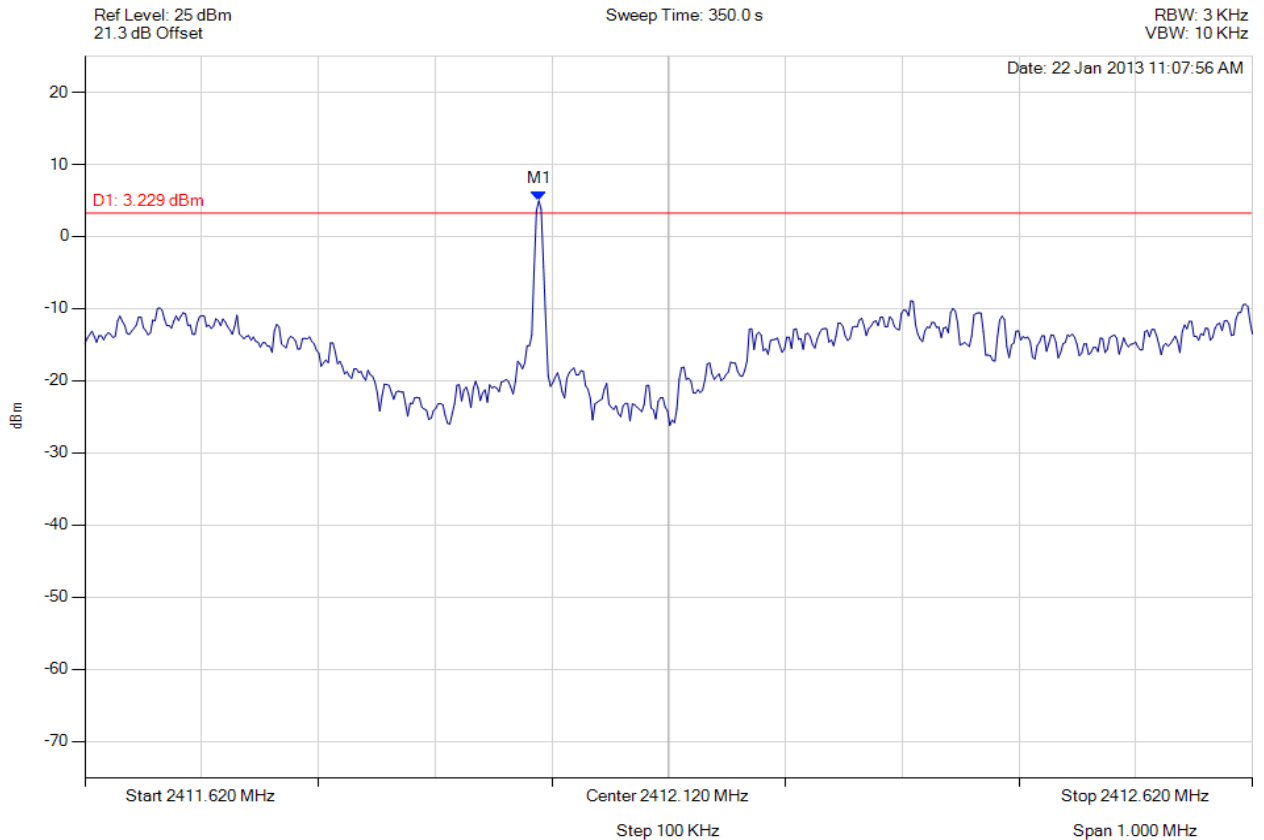
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### POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 2412.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2412.009 MHz : 4.966 dBm	Limit: $\leq 3.23$ dBm Margin: 1.74 dB

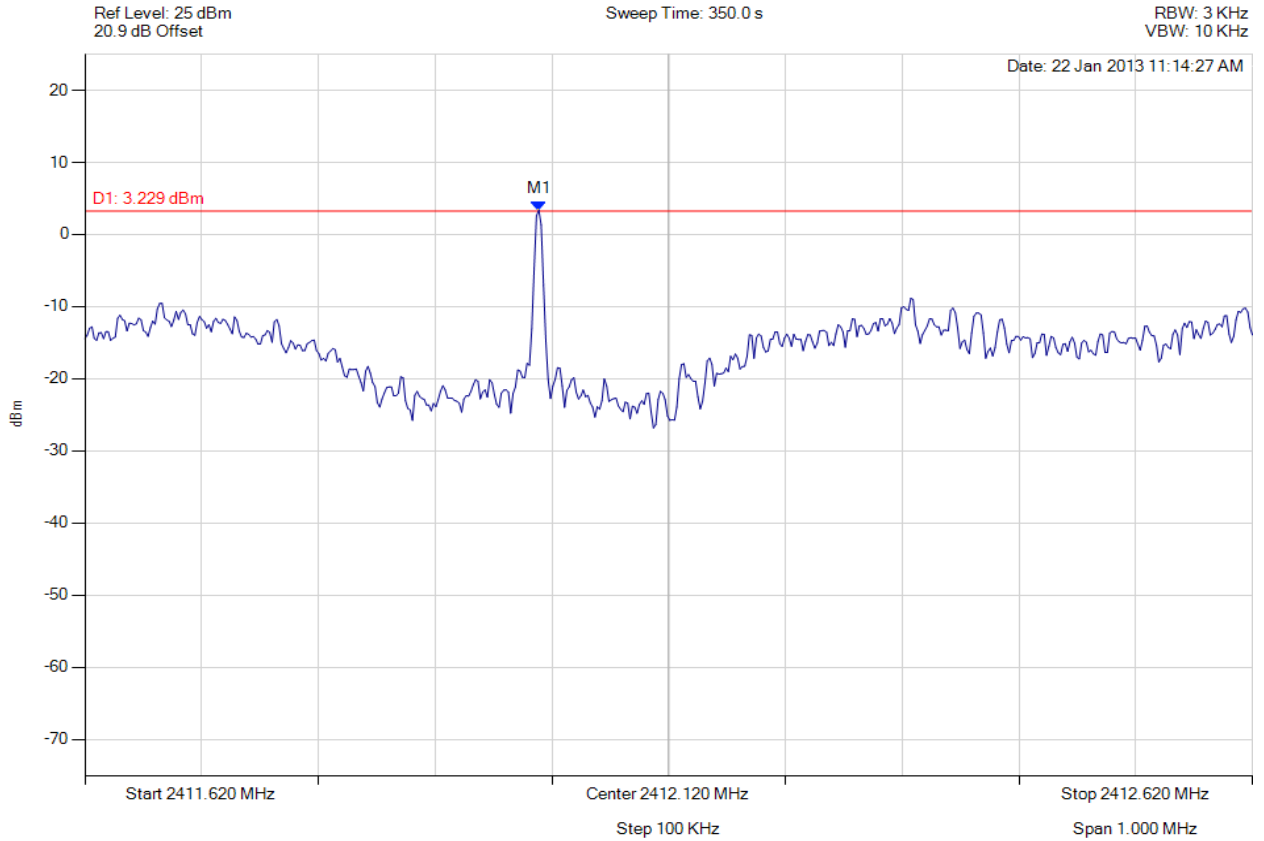
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**POWER SPECTRAL DENSITY**

Variant: 802.11n HT-20, Channel: 2412.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2412.009 MHz : 3.361 dBm	Limit: $\leq 3.23$ dBm Margin: 0.13 dB

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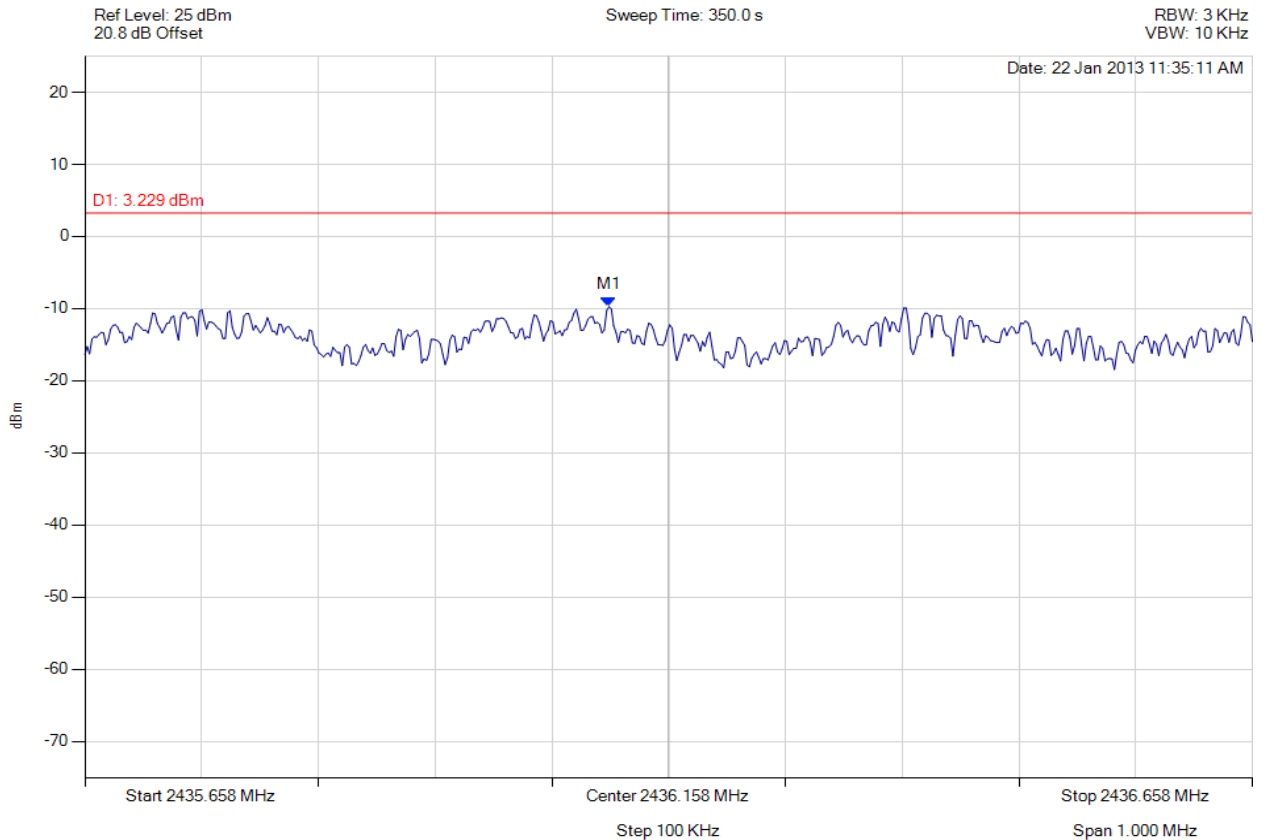


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### POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 2437.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2436.107 MHz : -9.734 dBm	Limit: $\leq 3.23$ dBm Margin: -12.96 dB

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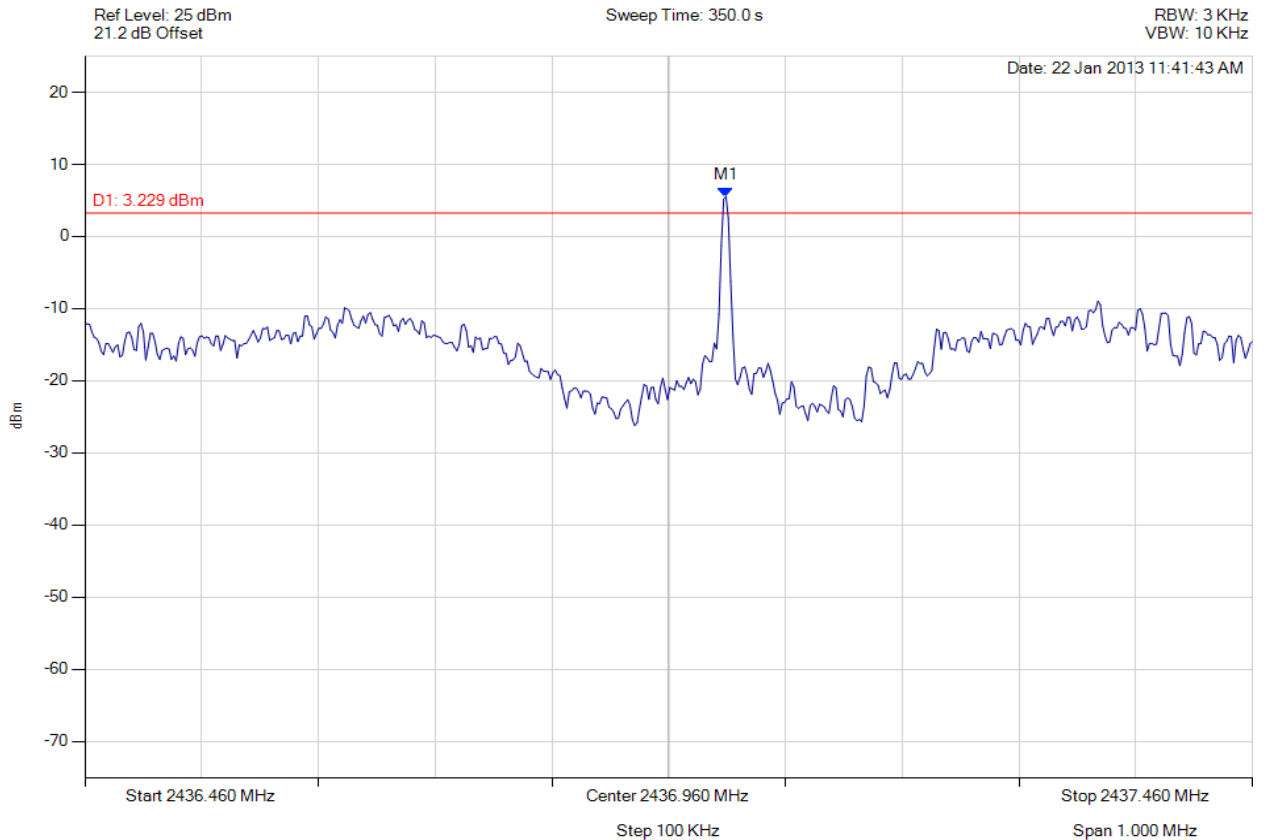


**Title:** APIN0224, APIN0225 802.11a/b/g/n/ac  
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### POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 2437.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2437.009 MHz : 5.537 dBm	Limit: $\leq 3.23$ dBm Margin: 2.31 dB

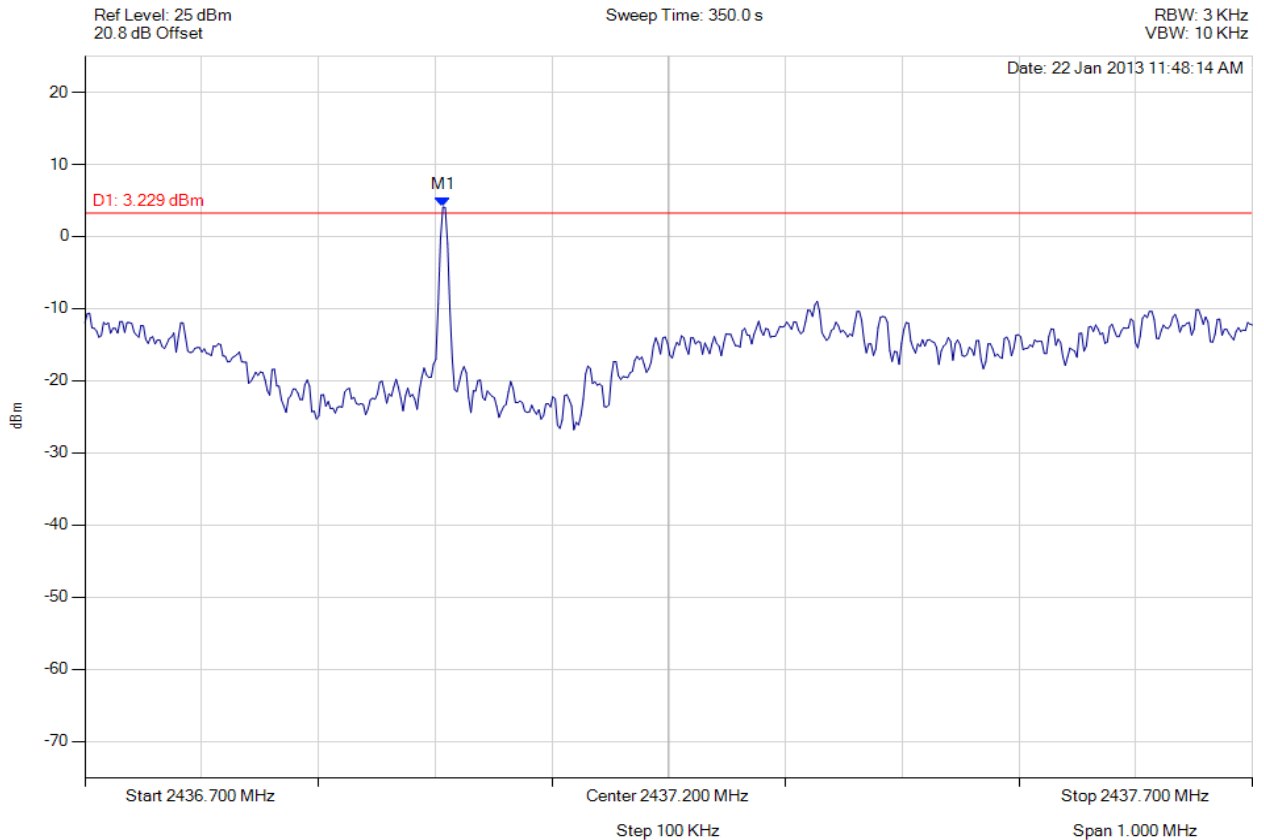
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**POWER SPECTRAL DENSITY**

Variant: 802.11n HT-20, Channel: 2437.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2437.007 MHz : 4.077 dBm	Limit: $\leq 3.23$ dBm Margin: 0.85 dB

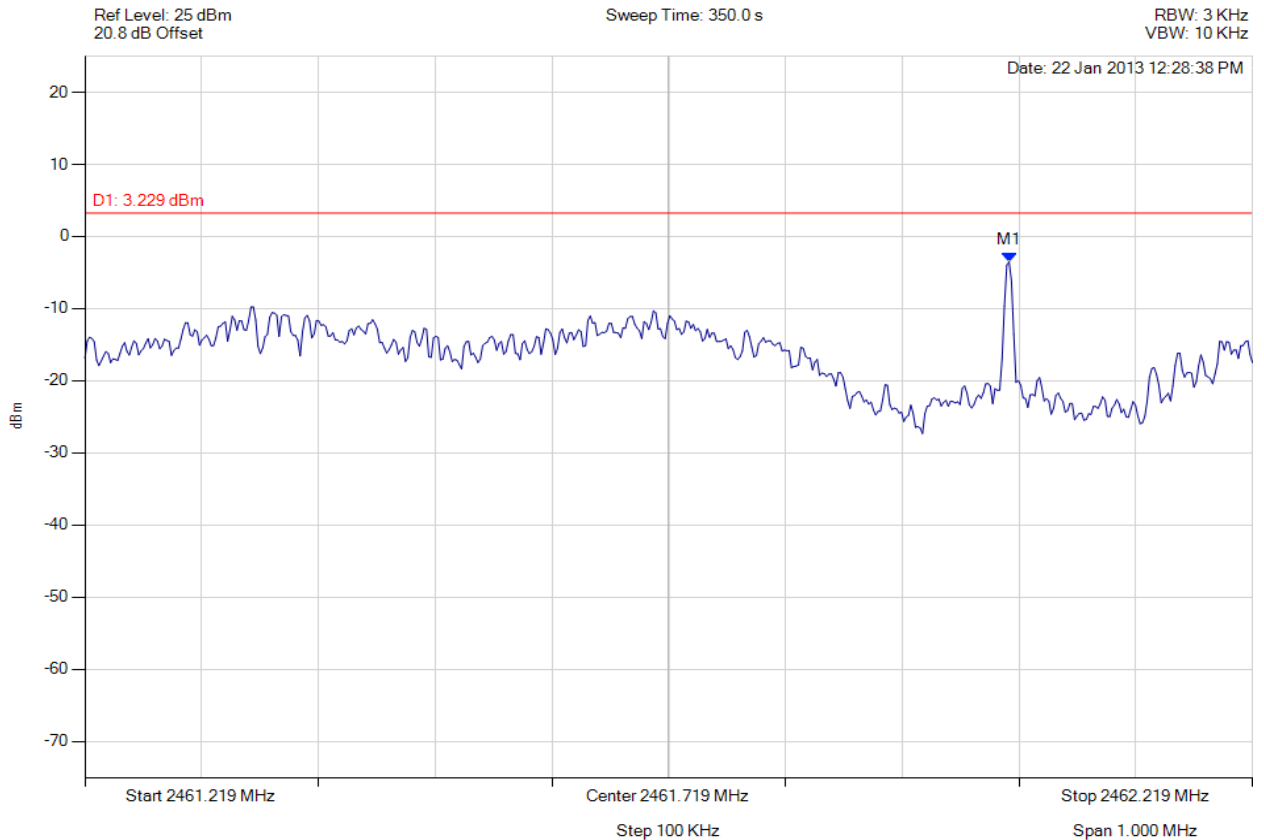
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**POWER SPECTRAL DENSITY**

Variant: 802.11n HT-20, Channel: 2462.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2462.011 MHz : -3.515 dBm	Limit: $\leq 3.23$ dBm Margin: -6.74 dB

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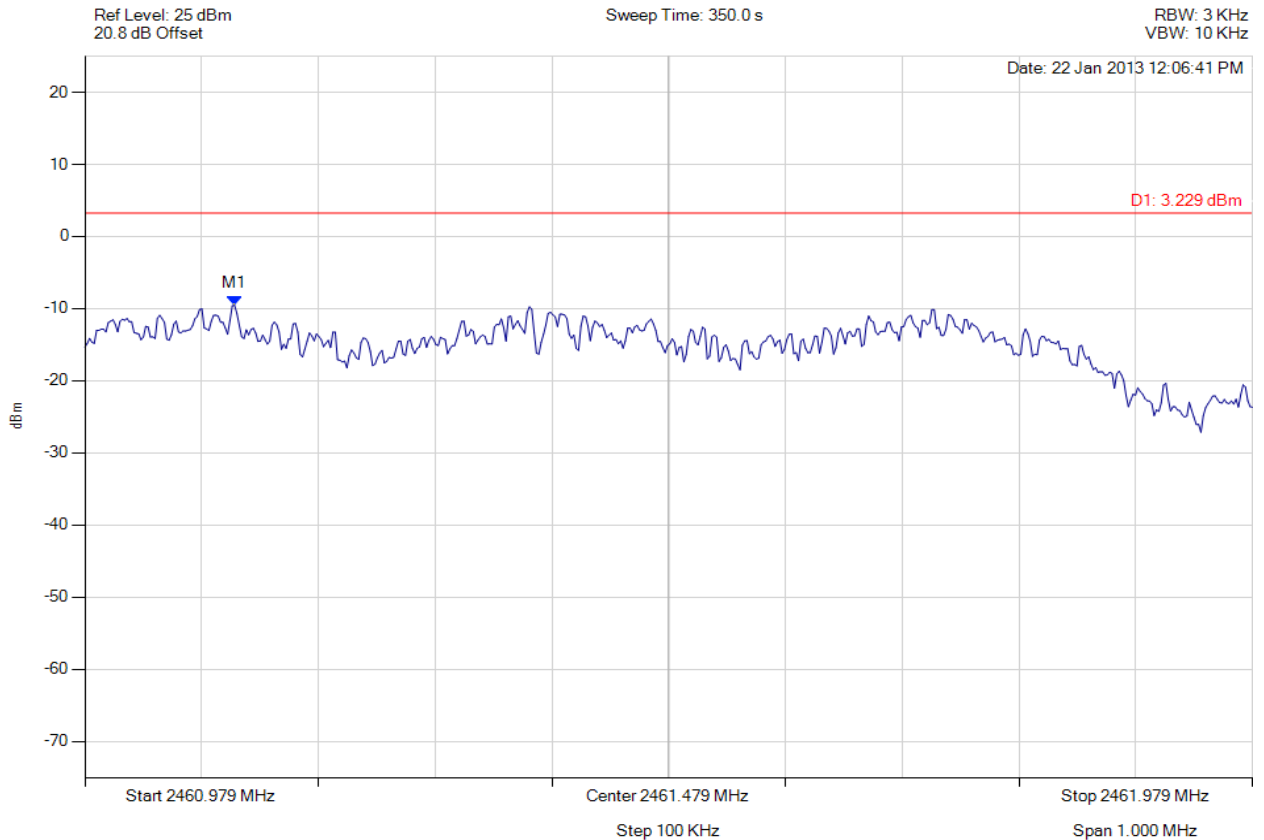


**Title:** APIN0224, APIN0225 802.11a/b/g/n/ac  
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### POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 2462.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2461.107 MHz : -9.539 dBm	Channel Frequency: 2462.00 MHz

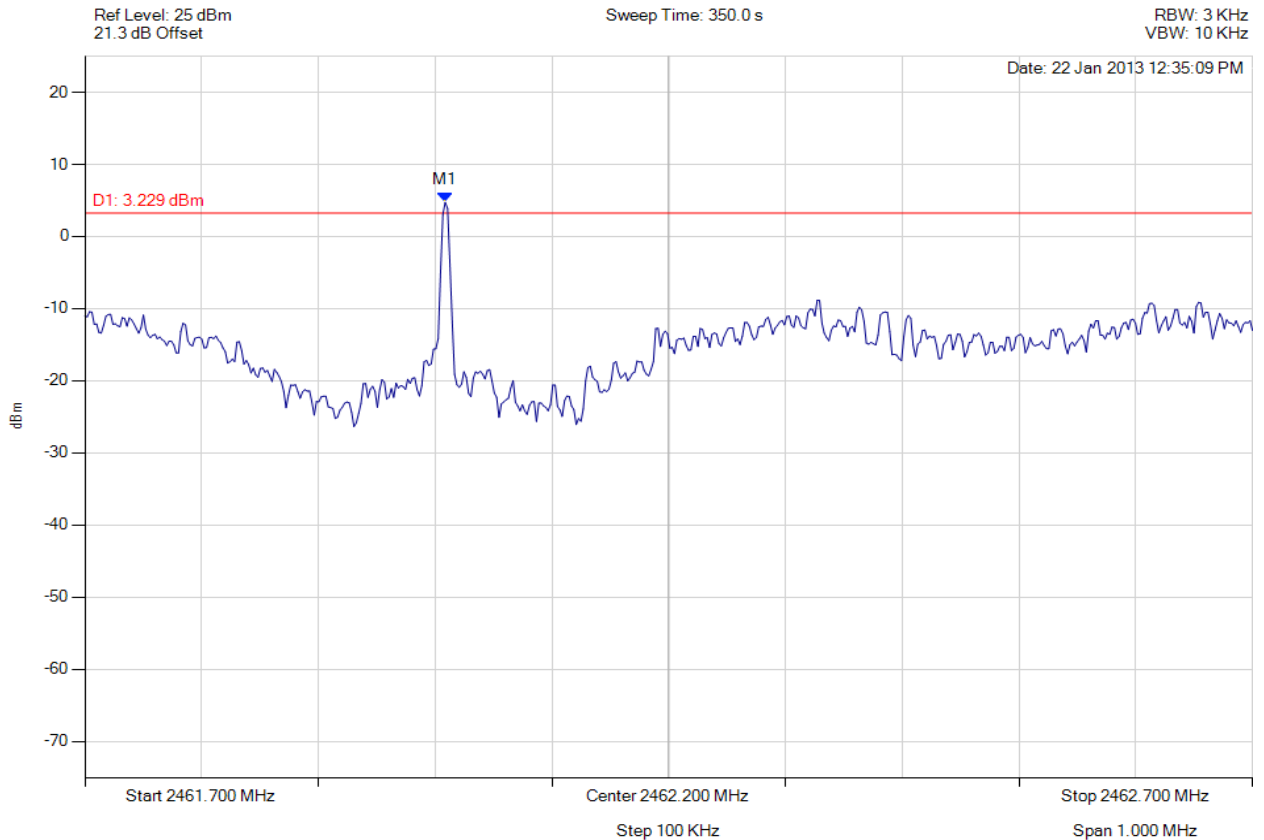
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**POWER SPECTRAL DENSITY**

Variant: 802.11n HT-20, Channel: 2462.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2462.009 MHz : 4.730 dBm	Limit: $\leq 3.23$ dBm Margin: 1.50 dB

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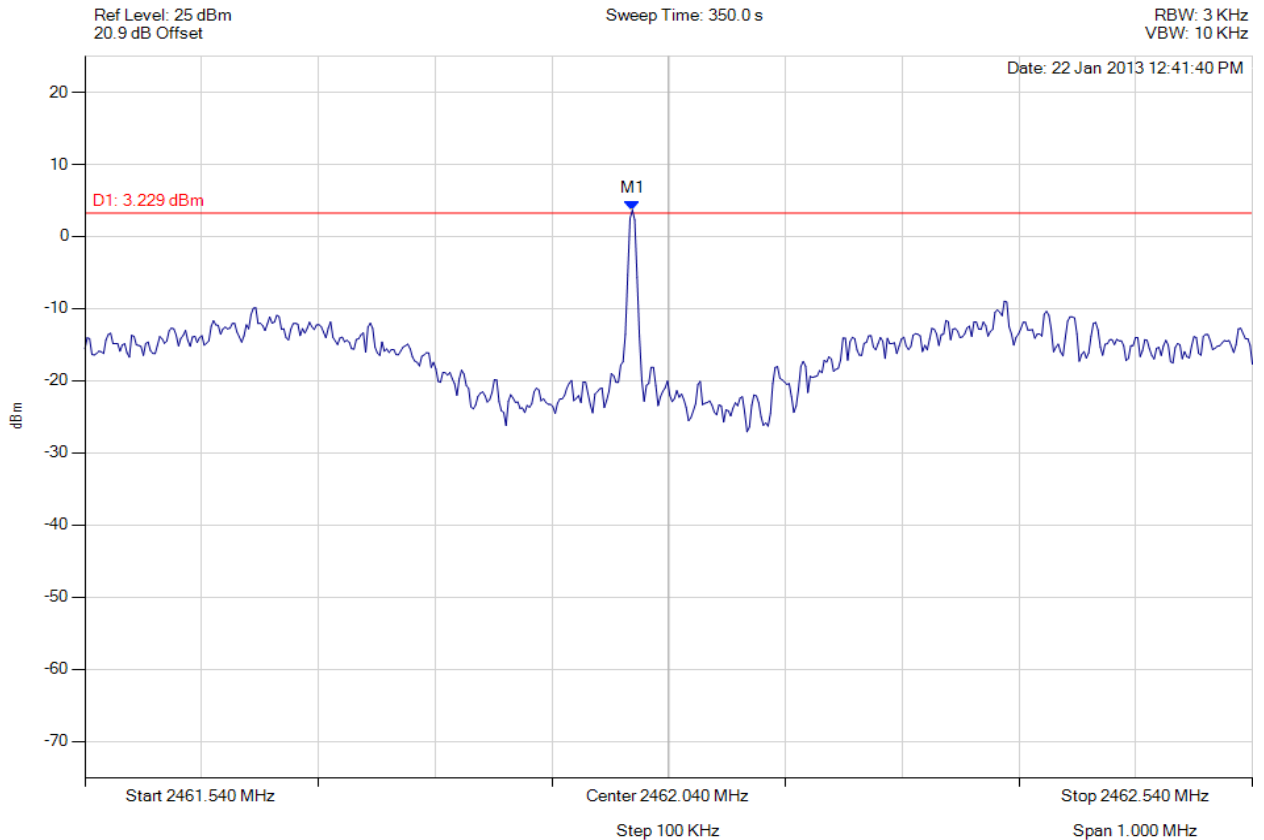


**Title:** APIN0224, APIN0225 802.11a/b/g/n/ac  
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### POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 2462.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2462.009 MHz : 3.672 dBm	Limit: $\leq 3.23$ dBm Margin: 0.44 dB

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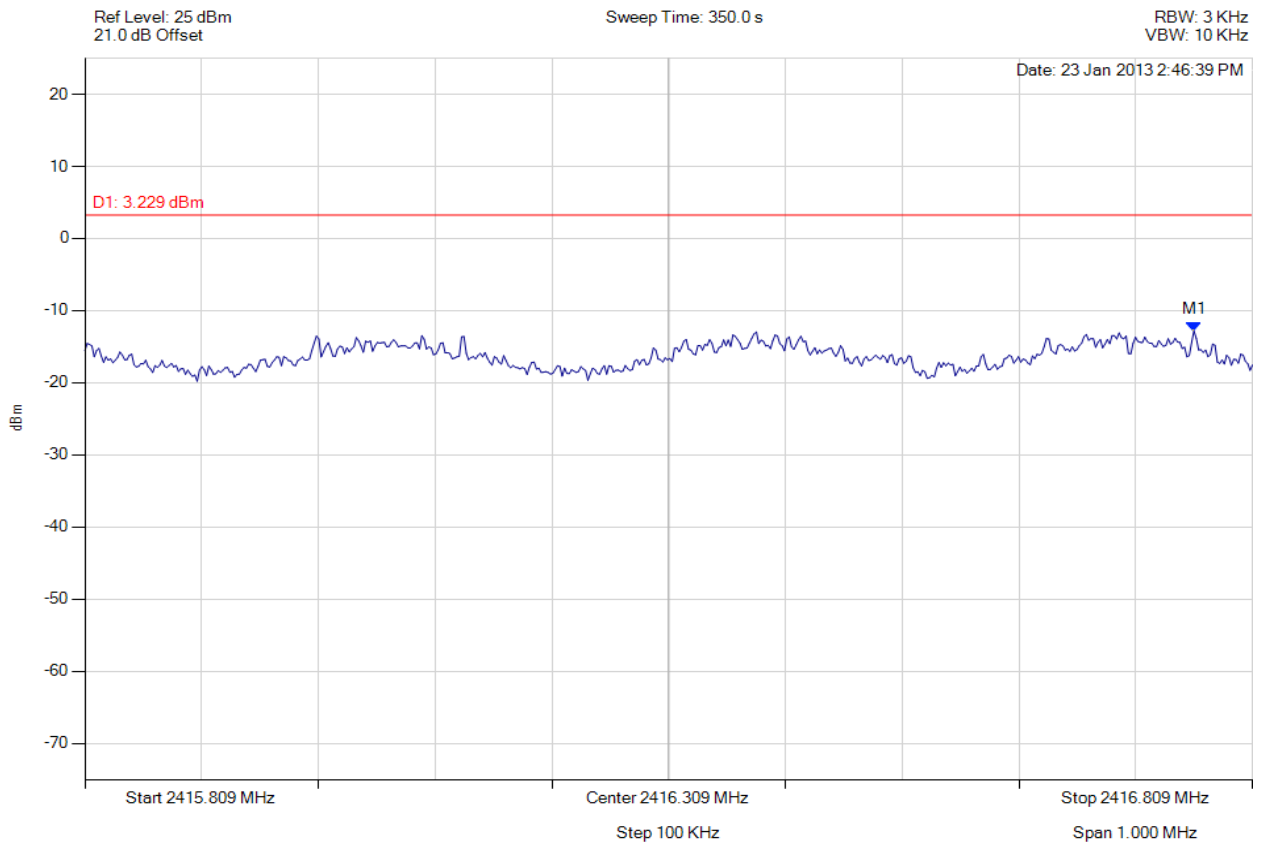


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### POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 2422.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2416.759 MHz : -12.832 dBm	Limit: $\leq 3.23$ dBm Margin: -16.06 dB

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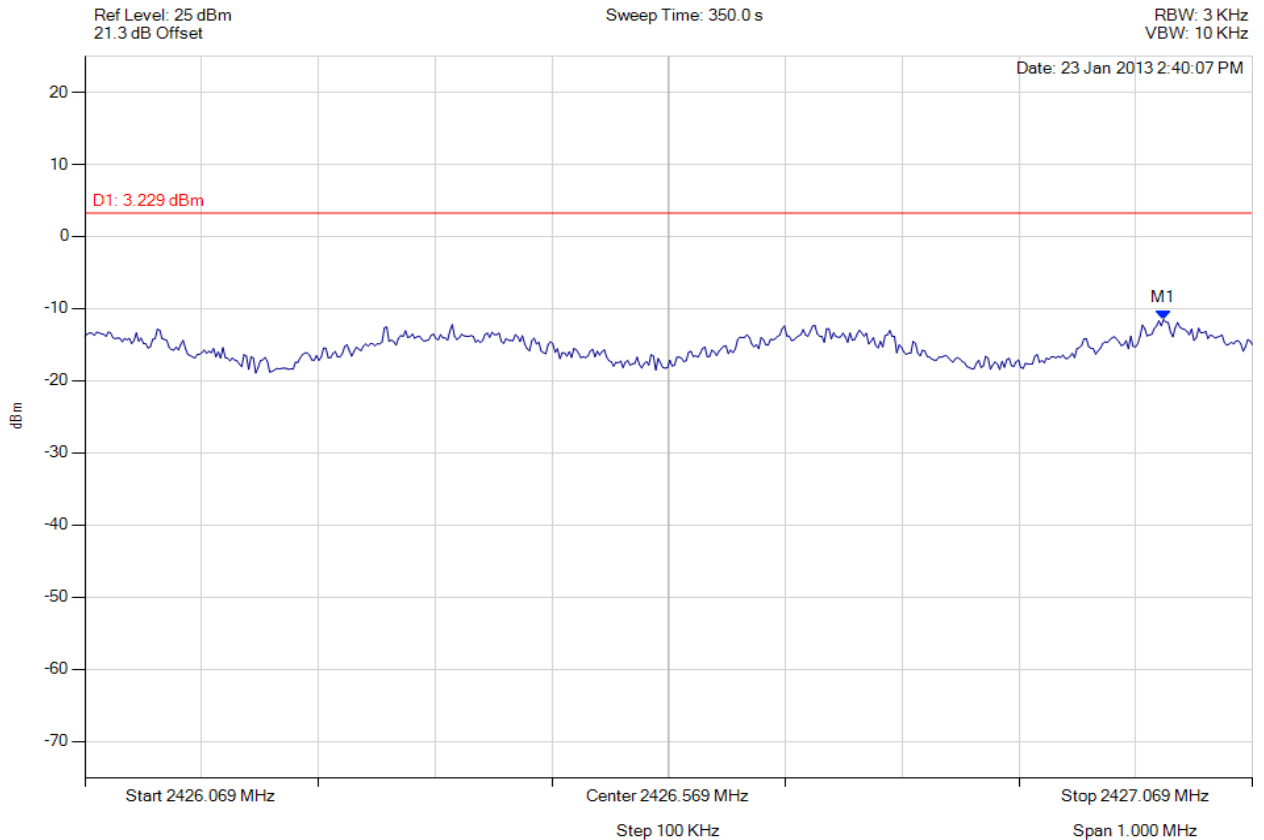


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### POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 2422.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2426.993 MHz : -11.506 dBm	Limit: $\leq 3.23$ dBm Margin: -14.73 dB

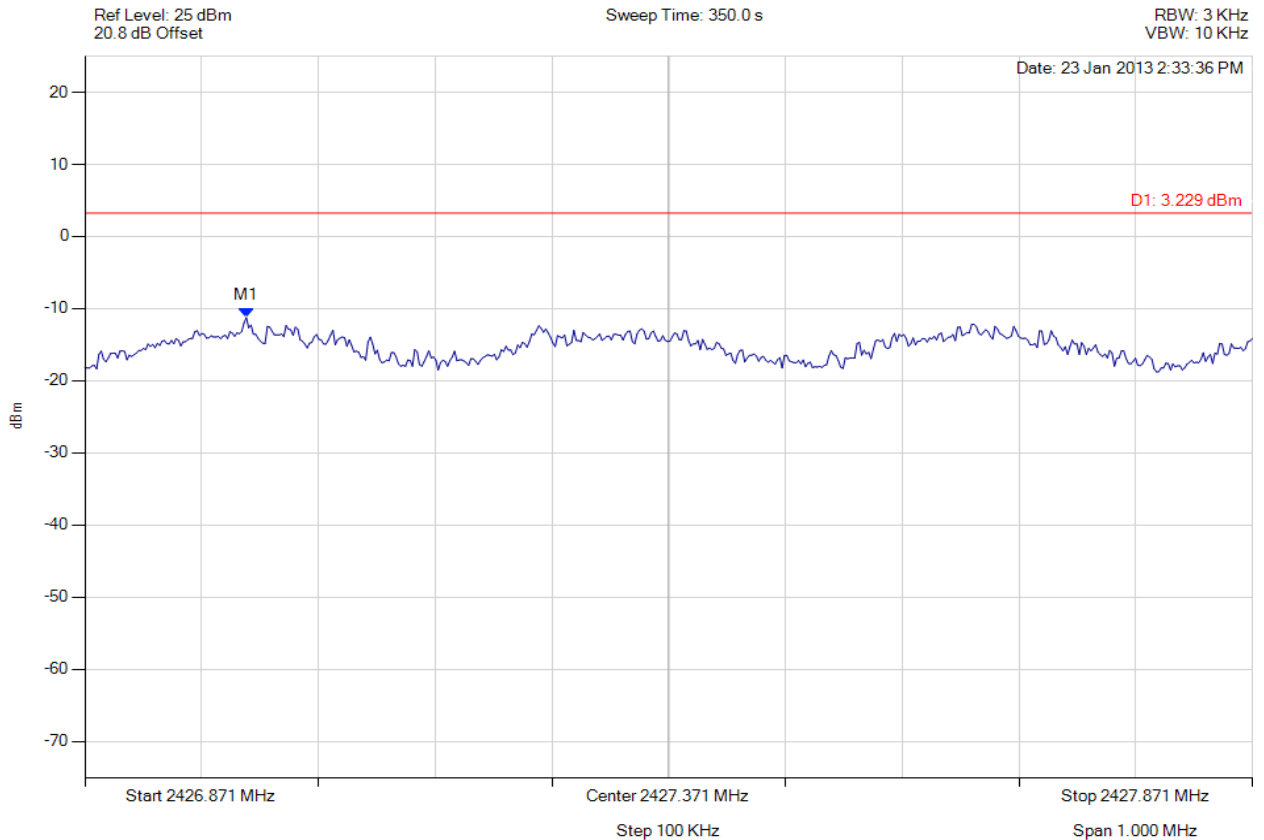
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**POWER SPECTRAL DENSITY**

Variant: 802.11n HT-40, Channel: 2422.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2427.009 MHz : -11.243 dBm	Limit: $\leq 3.23$ dBm Margin: -14.47 dB

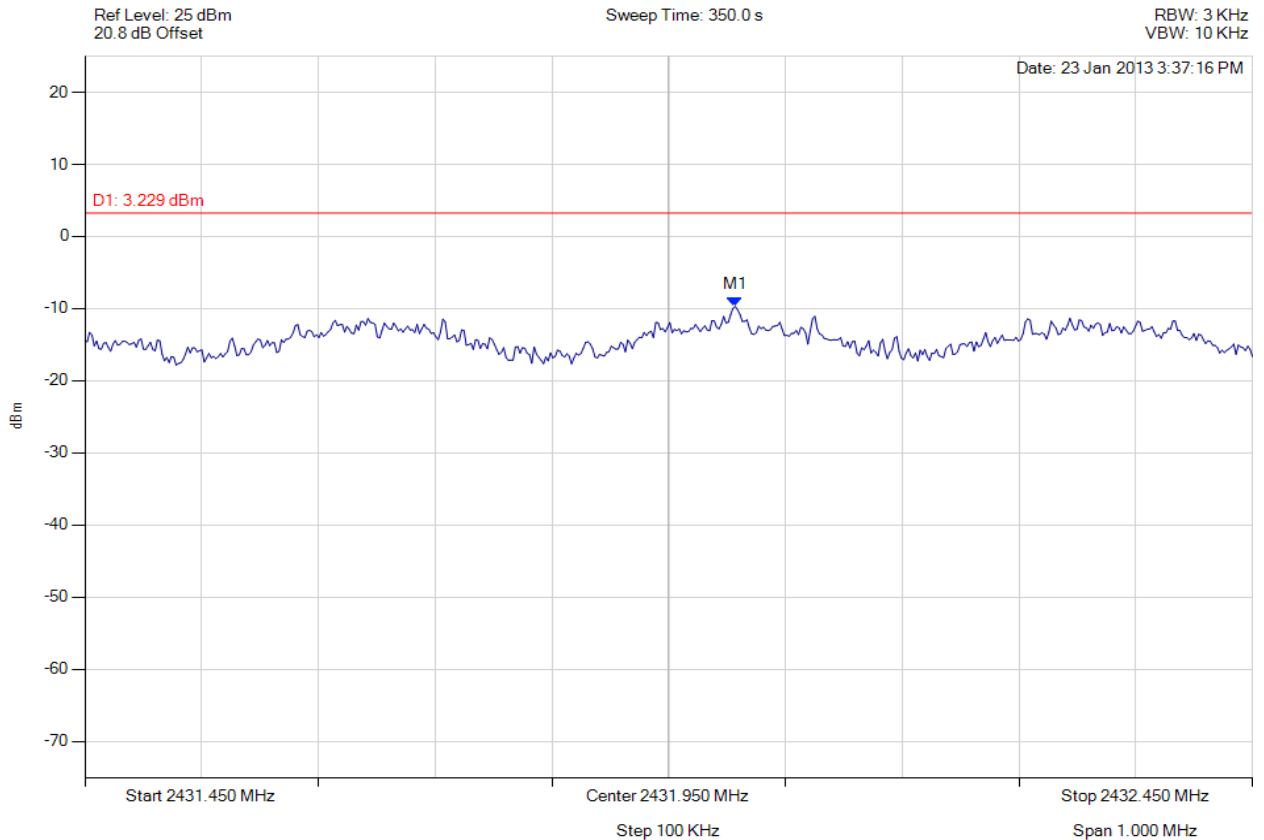
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**POWER SPECTRAL DENSITY**

Variant: 802.11n HT-40, Channel: 2437.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2432.007 MHz : -9.696 dBm	Limit: $\leq 3.23$ dBm Margin: -12.92 dB

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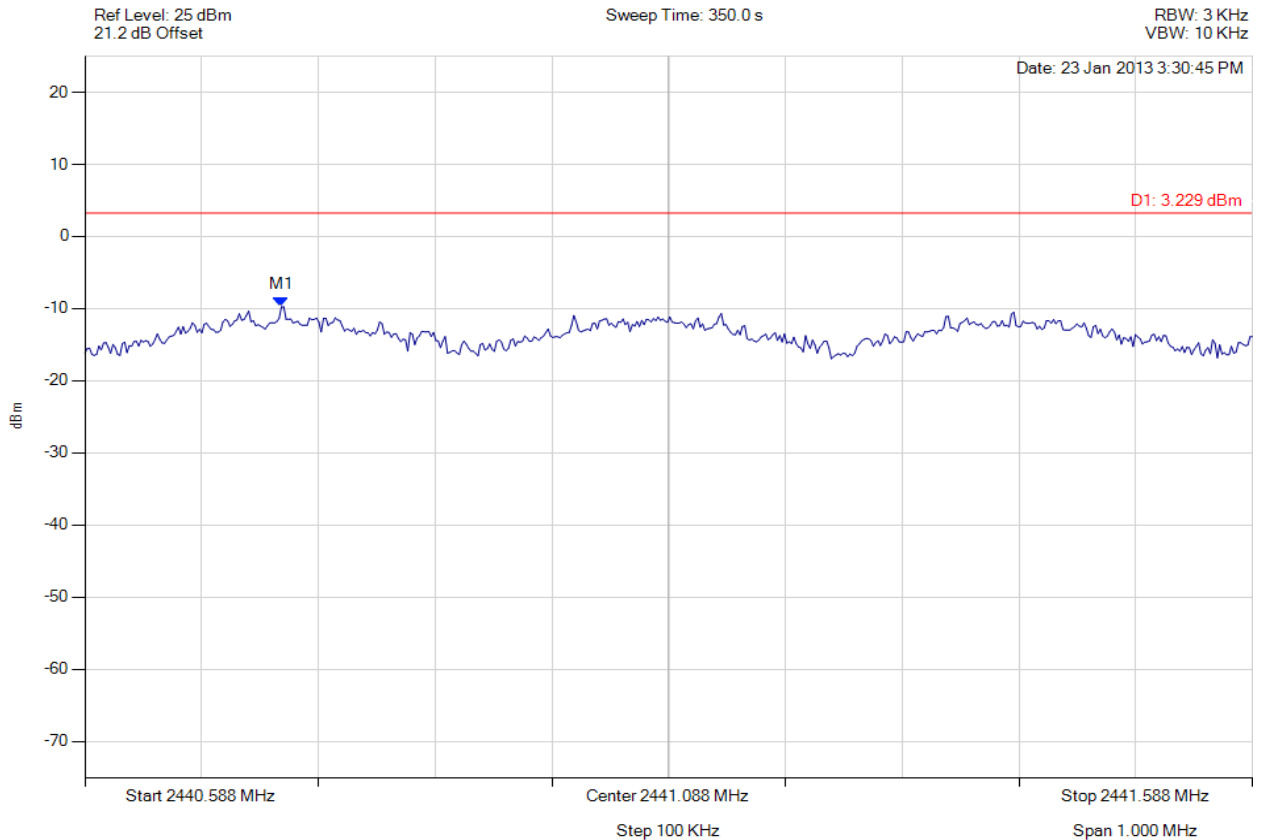


**Title:** APIN0224, APIN0225 802.11a/b/g/n/ac  
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### POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 2437.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2440.757 MHz : -9.736 dBm	Limit: $\leq 3.23$ dBm Margin: -12.96 dB

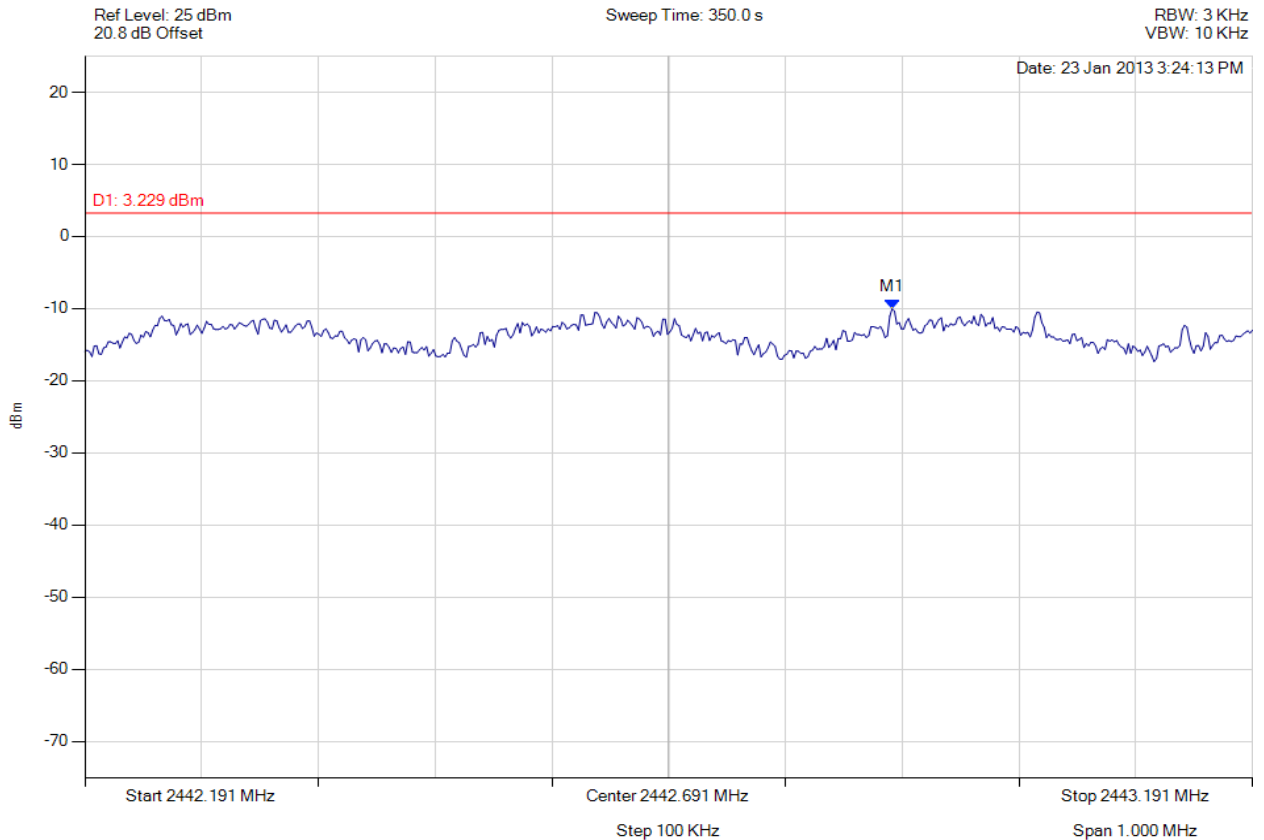
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**POWER SPECTRAL DENSITY**

Variant: 802.11n HT-40, Channel: 2437.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2442.883 MHz : -10.037 dBm	Limit: ≤3.23 dBm Margin: -13.27 dB

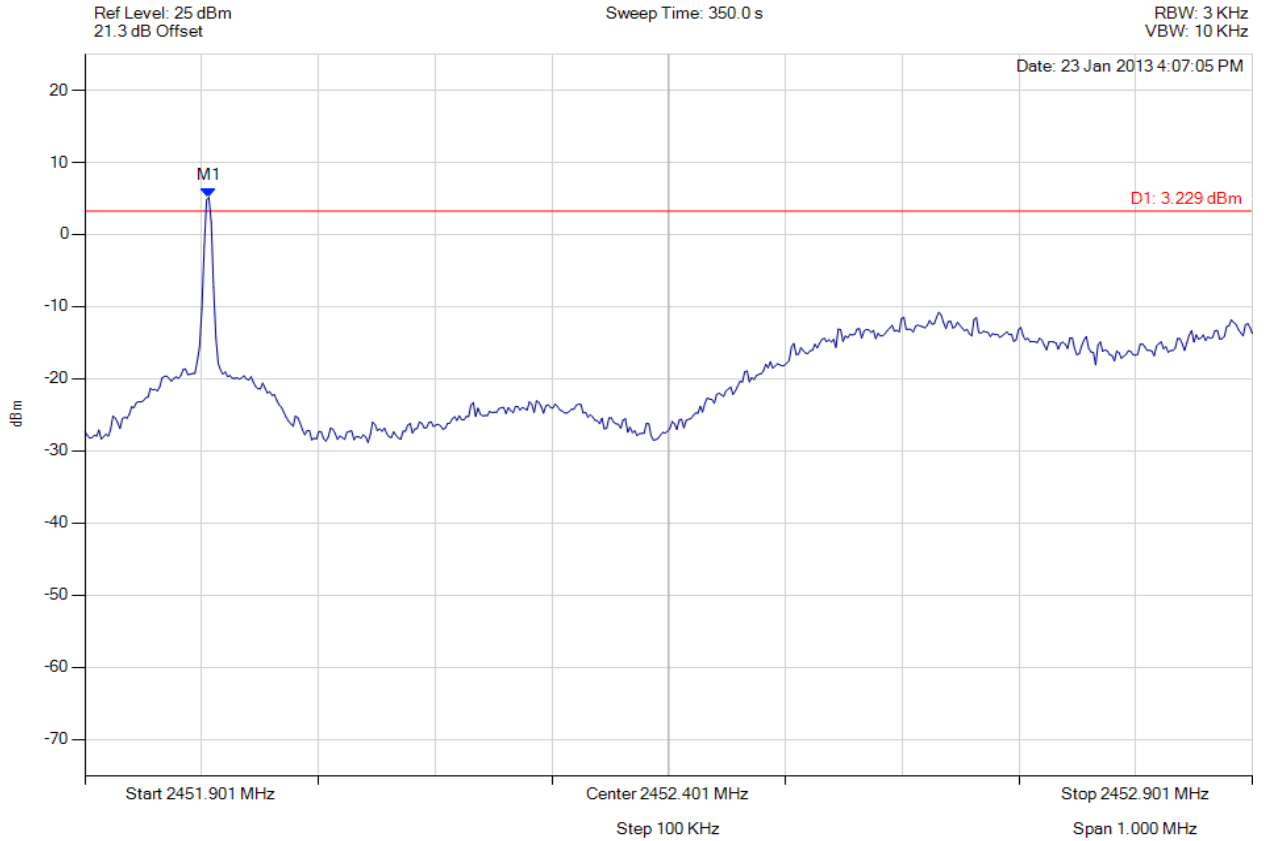
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**POWER SPECTRAL DENSITY**

Variant: 802.11n HT-40, Channel: 2452.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2452.007 MHz : 5.138 dBm	Limit: ≤3.23 dBm Margin: 1.91 dB

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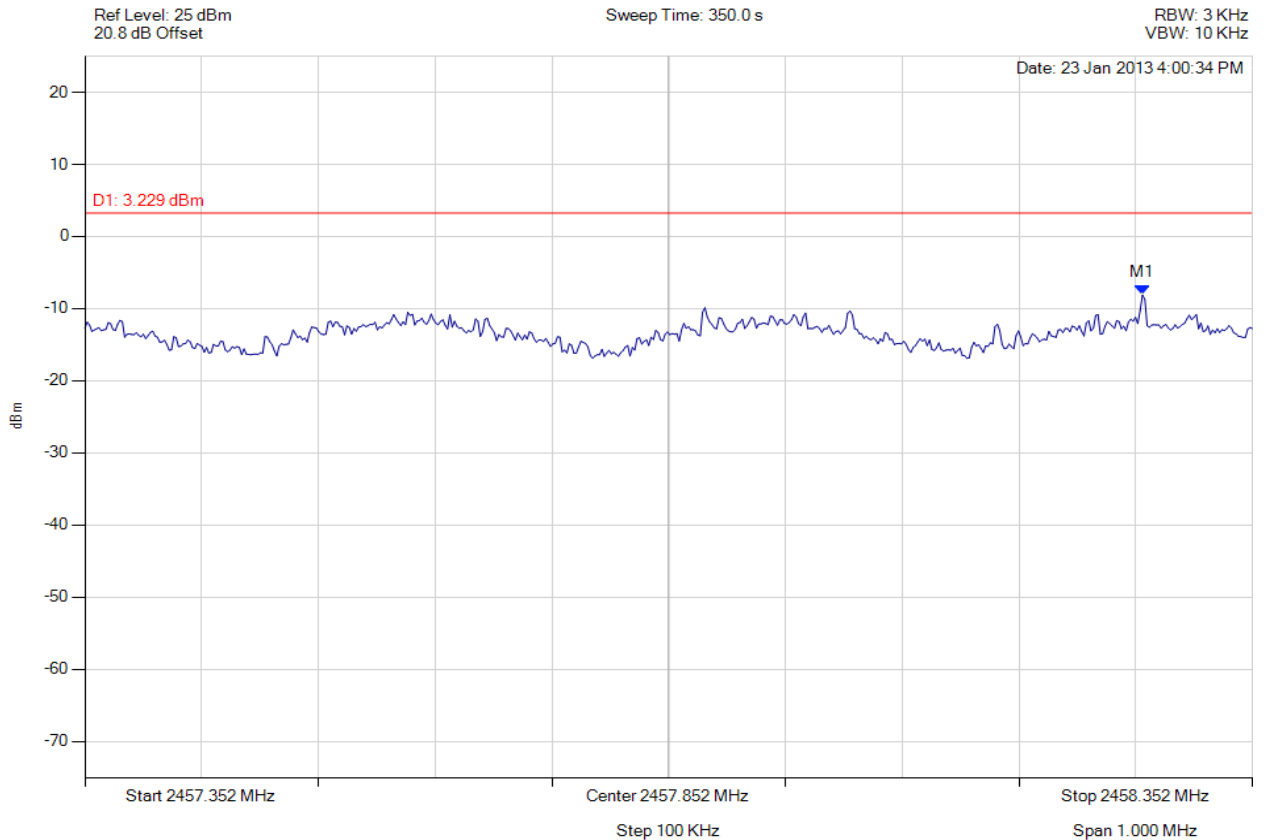


**Title:** APIN0224, APIN0225 802.11a/b/g/n/ac  
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### POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 2452.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2458.258 MHz : -8.111 dBm	Limit: $\leq 3.23$ dBm Margin: -11.34 dB

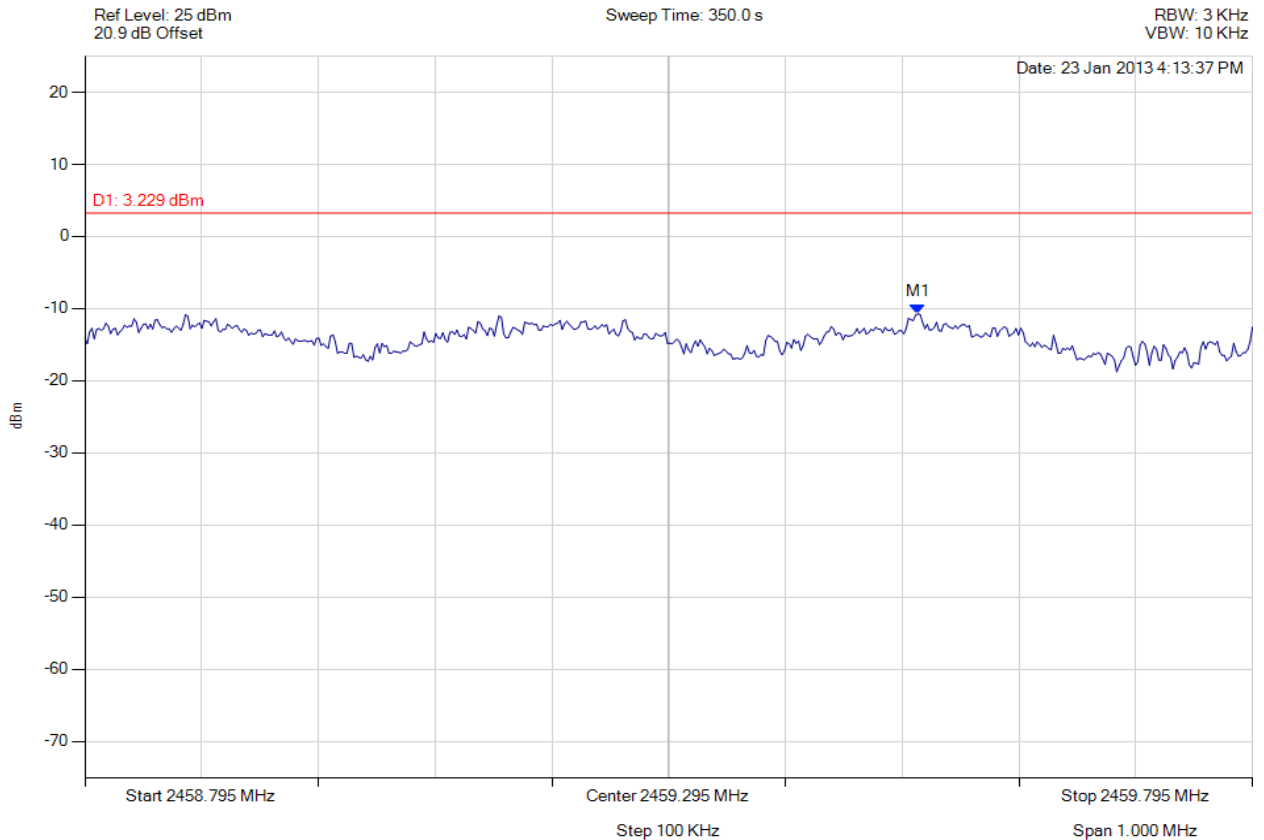
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**POWER SPECTRAL DENSITY**

Variant: 802.11n HT-40, Channel: 2452.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 2459.508 MHz : -10.727 dBm	Limit: ≤3.23 dBm Margin: -13.96 dB

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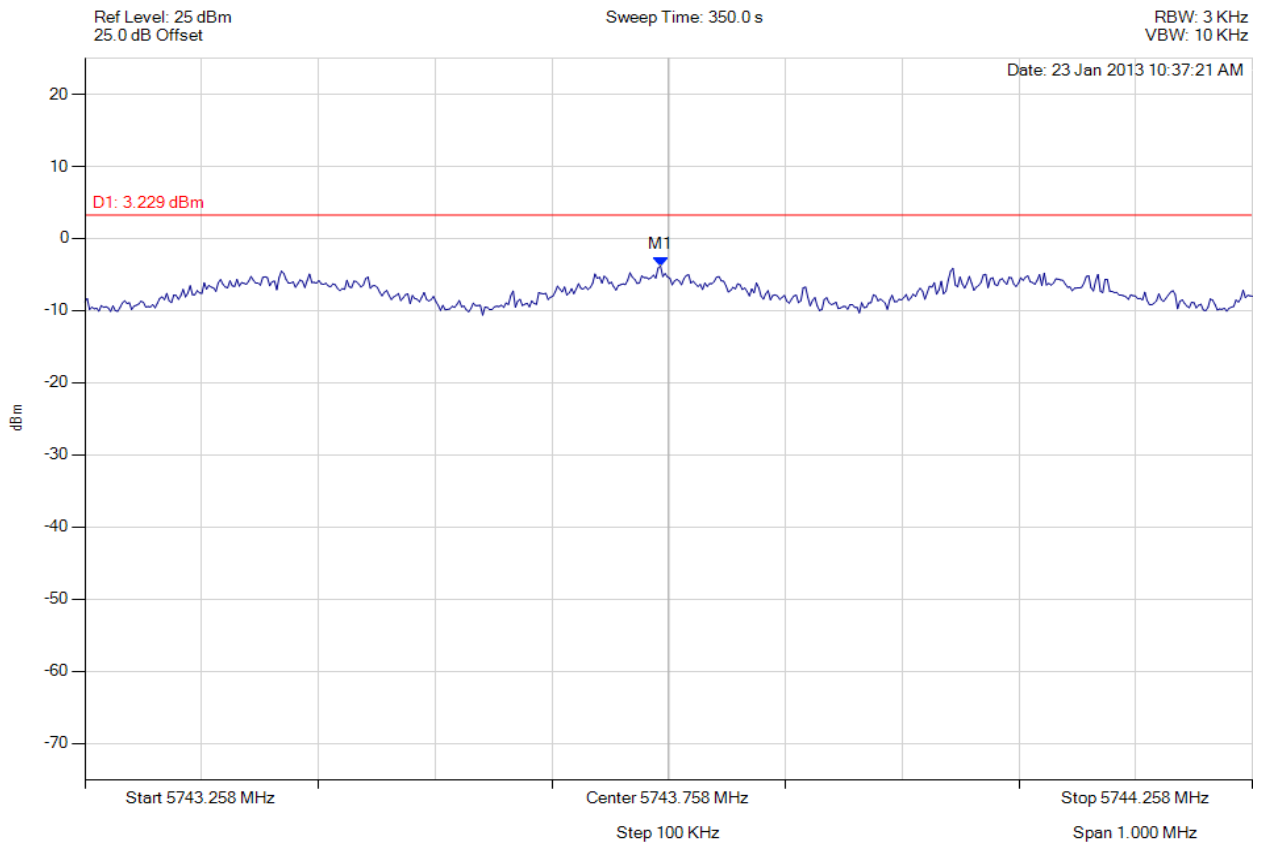
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**POWER SPECTRAL DENSITY**

Variant: 802.11a, Channel: 5745.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5743.751 MHz : -3.796 dBm	Limit: $\leq 3.23$ dBm Margin: -7.02 dB

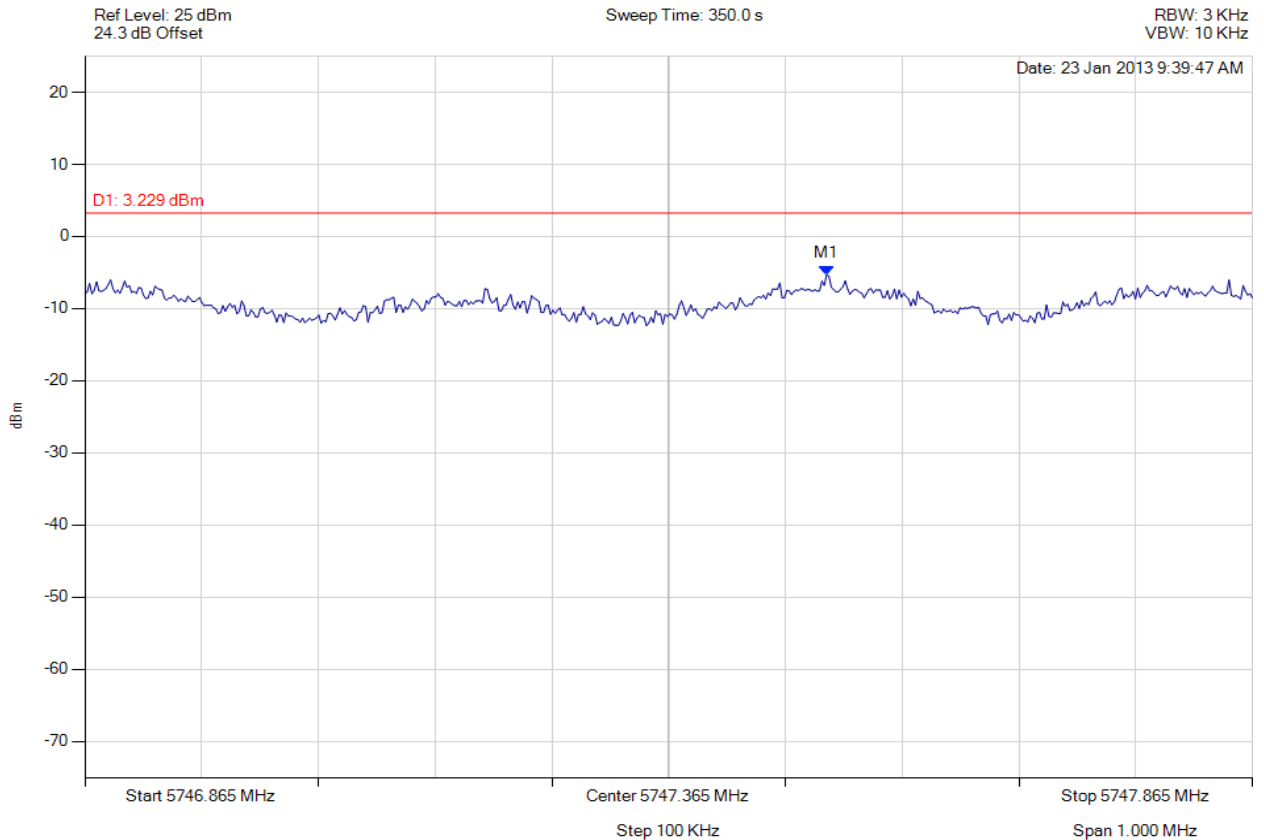
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**POWER SPECTRAL DENSITY**

Variant: 802.11a, Channel: 5745.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5747.500 MHz : -5.297 dBm	Limit: $\leq 3.23$ dBm Margin: -8.53 dB

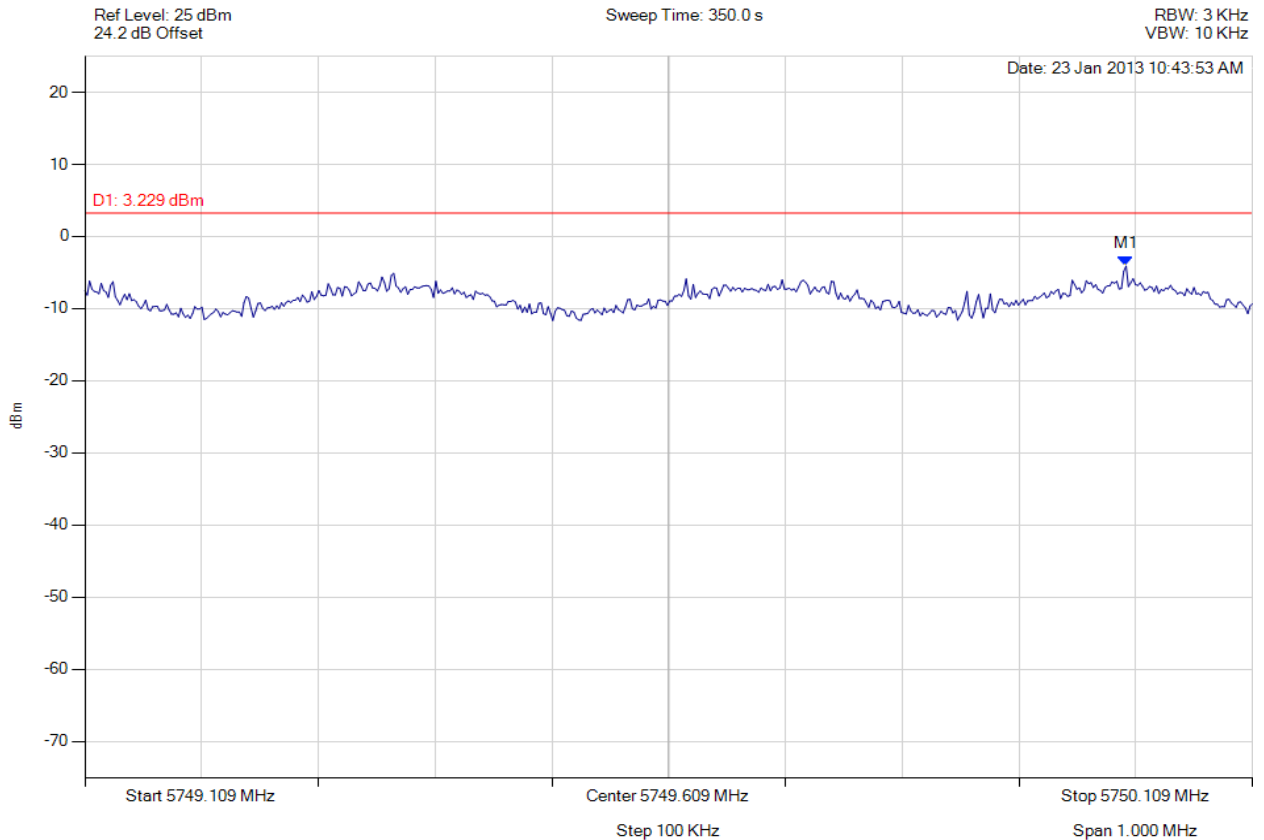
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**POWER SPECTRAL DENSITY**

Variant: 802.11a, Channel: 5745.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5750.001 MHz : -4.095 dBm	Limit: $\leq 3.23$ dBm Margin: -7.32 dB

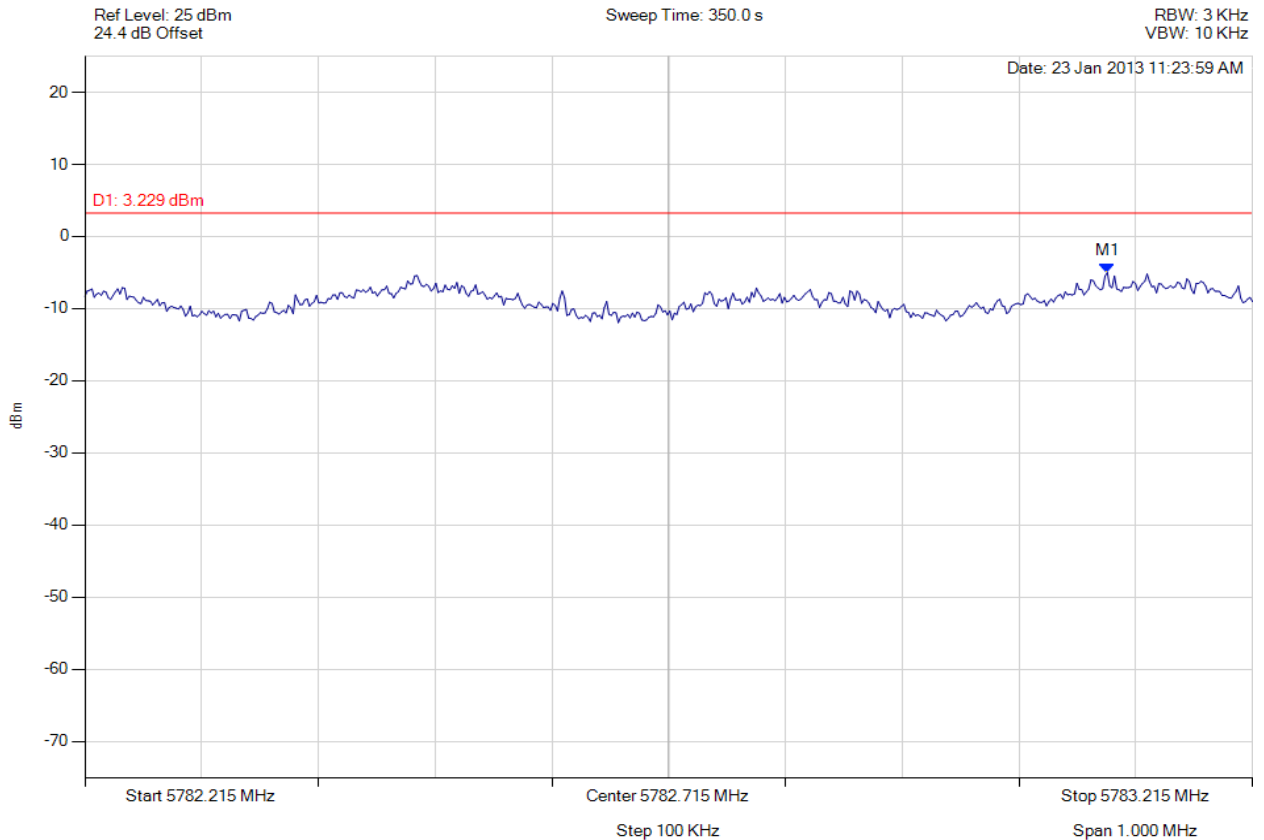
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**POWER SPECTRAL DENSITY**

Variant: 802.11a, Channel: 5785.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5783.091 MHz : -5.008 dBm	Limit: $\leq 3.23$ dBm Margin: -8.24 dB

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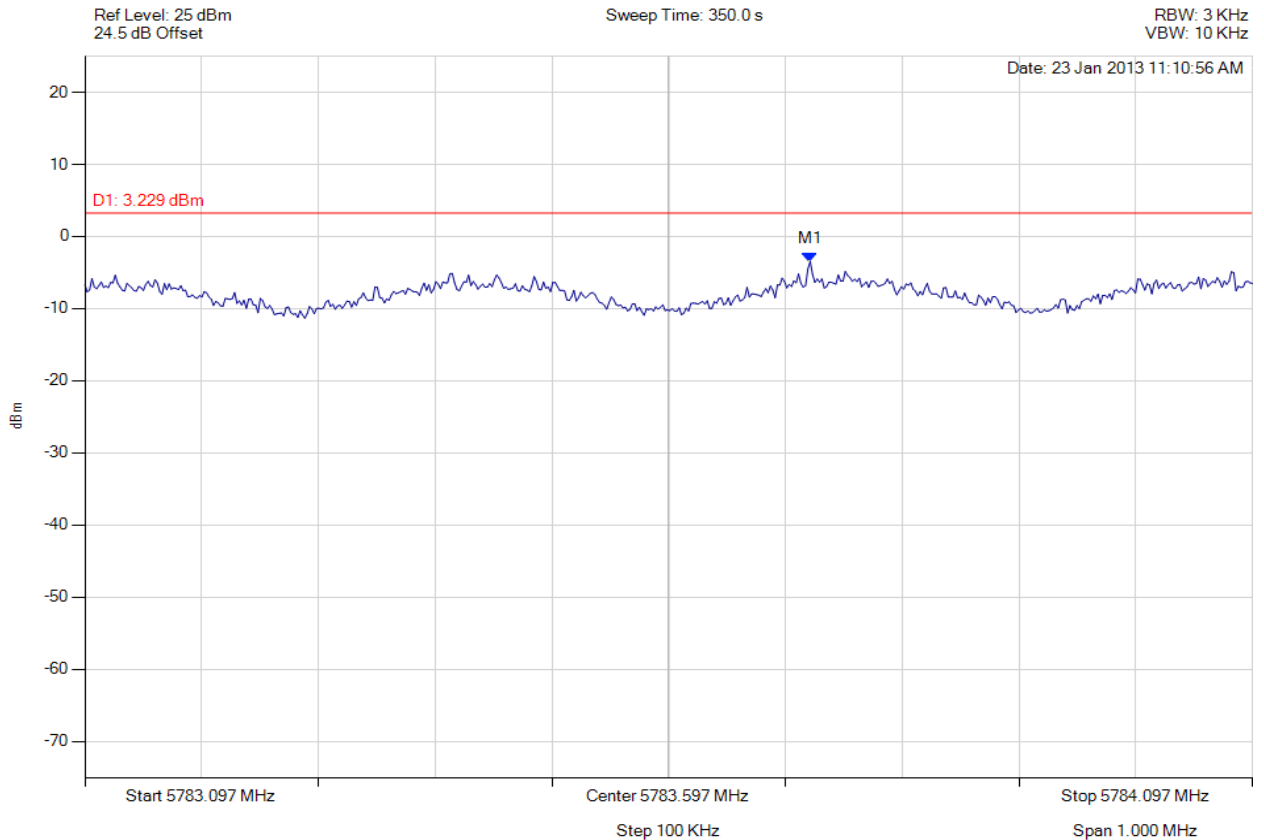


**Title:** APIN0224, APIN0225 802.11a/b/g/n/ac  
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### POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5785.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5783.718 MHz : -3.460 dBm	Limit: $\leq 3.23$ dBm Margin: -6.69 dB

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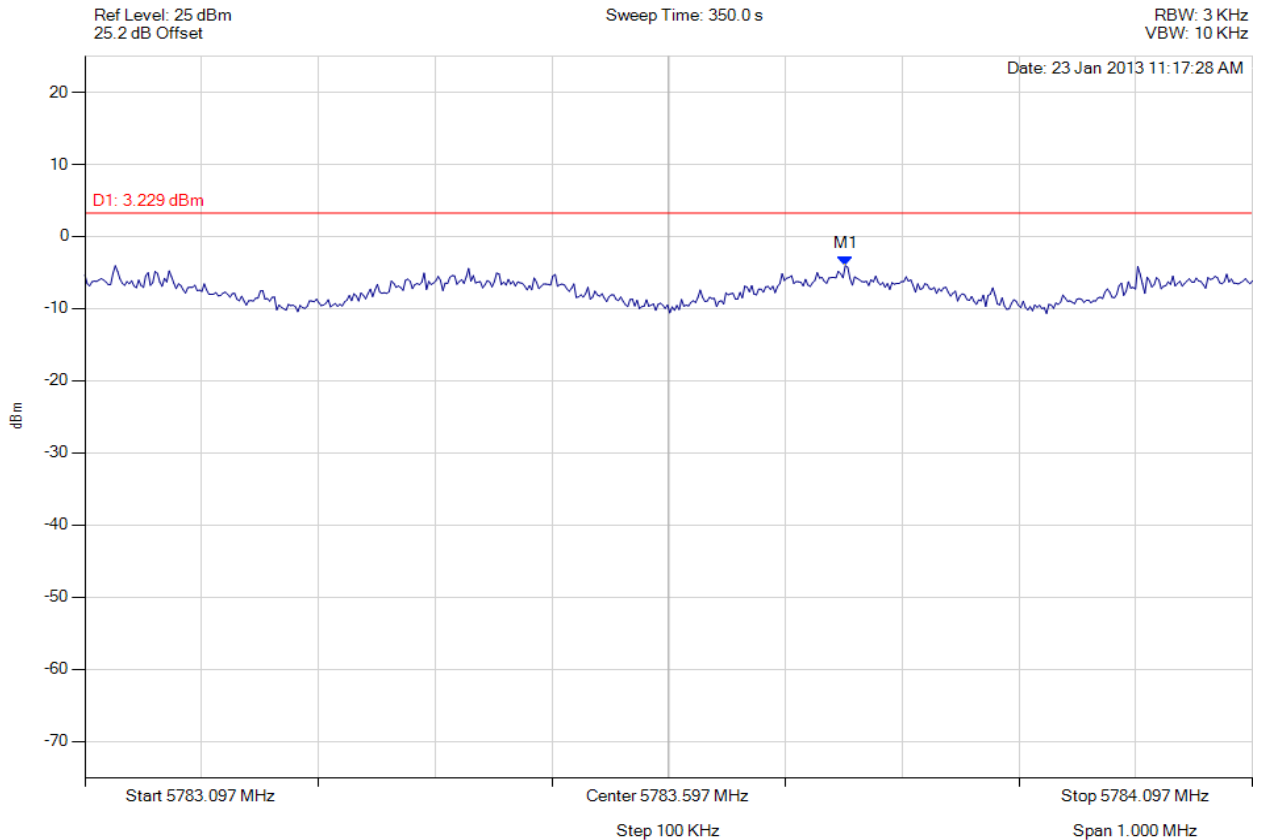


**Title:** APIN0224, APIN0225 802.11a/b/g/n/ac  
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### POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5785.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5783.748 MHz : -4.042 dBm	Limit: $\leq 3.23$ dBm Margin: -7.27 dB

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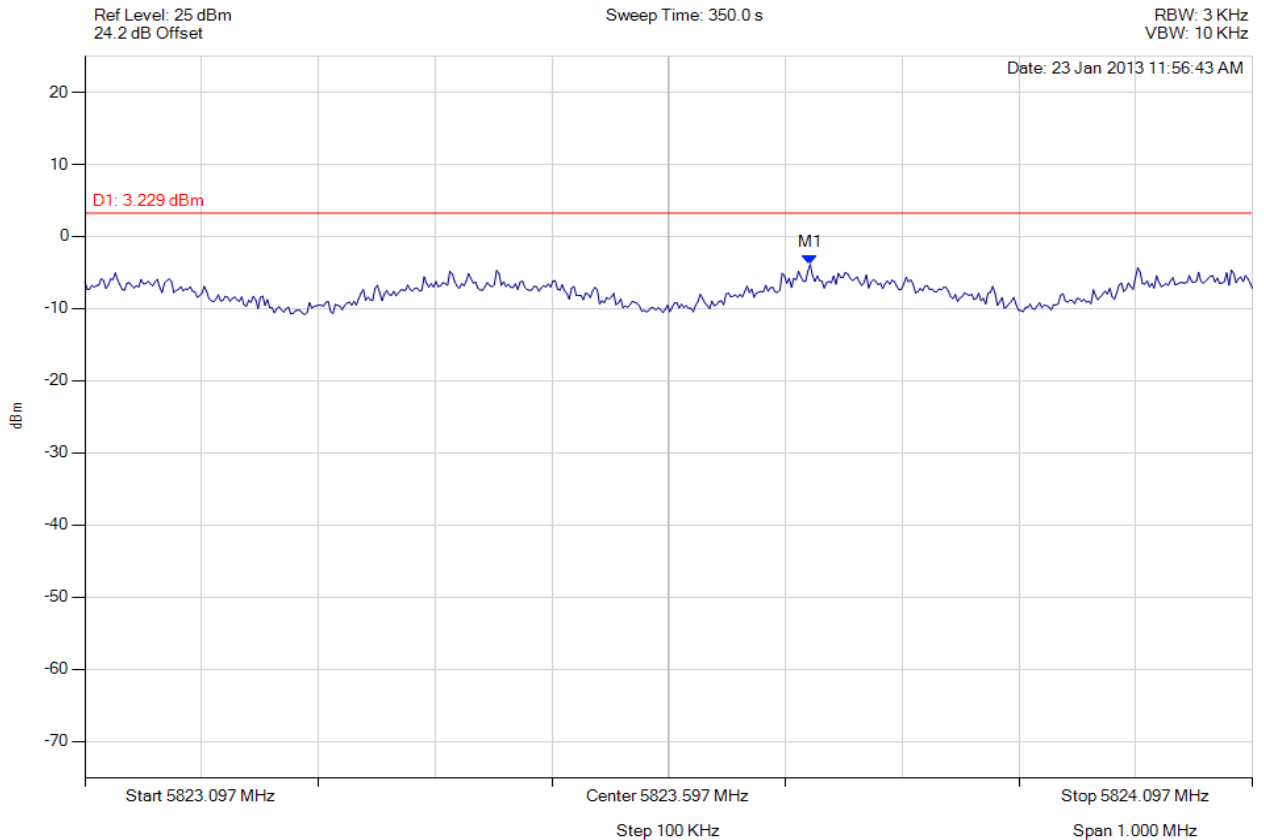


**Title:** APIN0224, APIN0225 802.11a/b/g/n/ac  
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### POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5825.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5823.718 MHz : -3.887 dBm	Limit: $\leq 3.23$ dBm Margin: -7.12 dB

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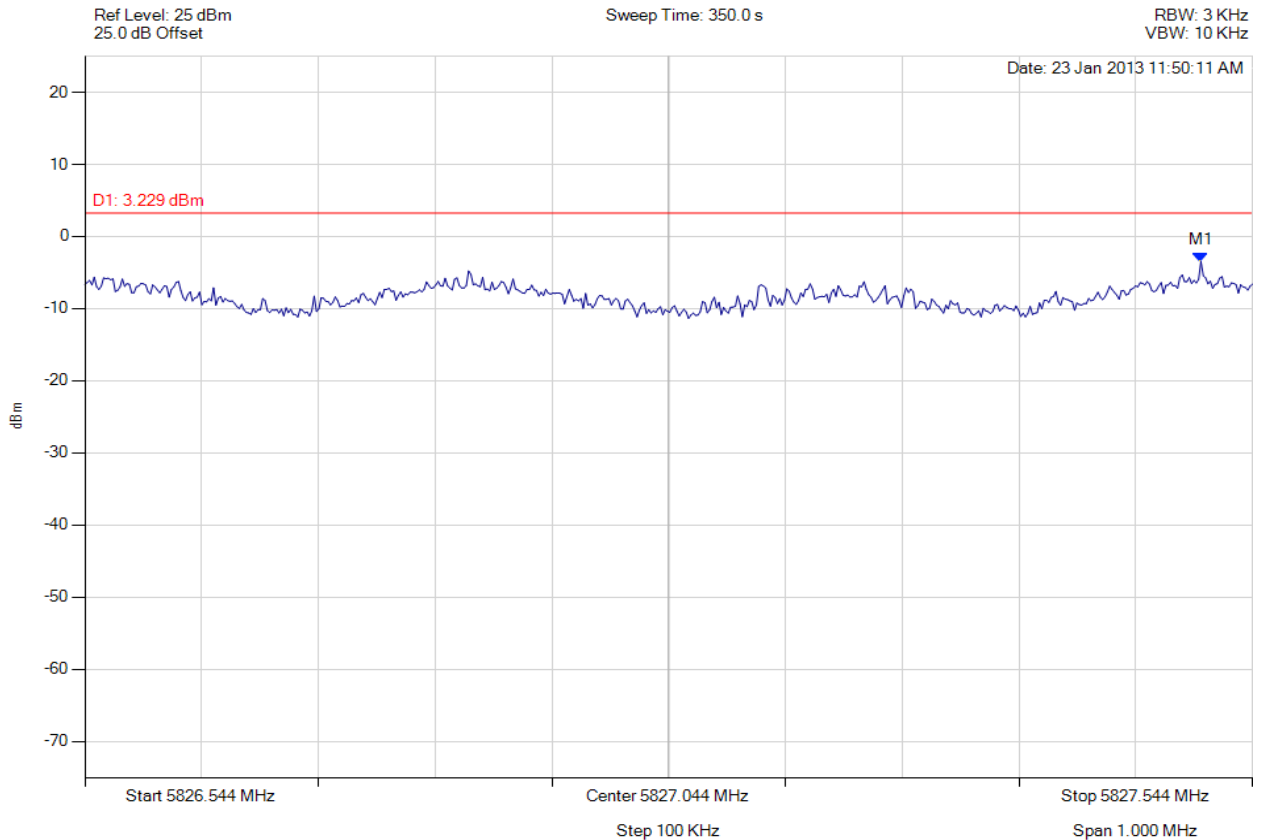


**Title:** APIN0224, APIN0225 802.11a/b/g/n/ac  
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### POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5825.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5827.500 MHz : -3.481 dBm	Limit: $\leq 3.23$ dBm Margin: -6.71 dB

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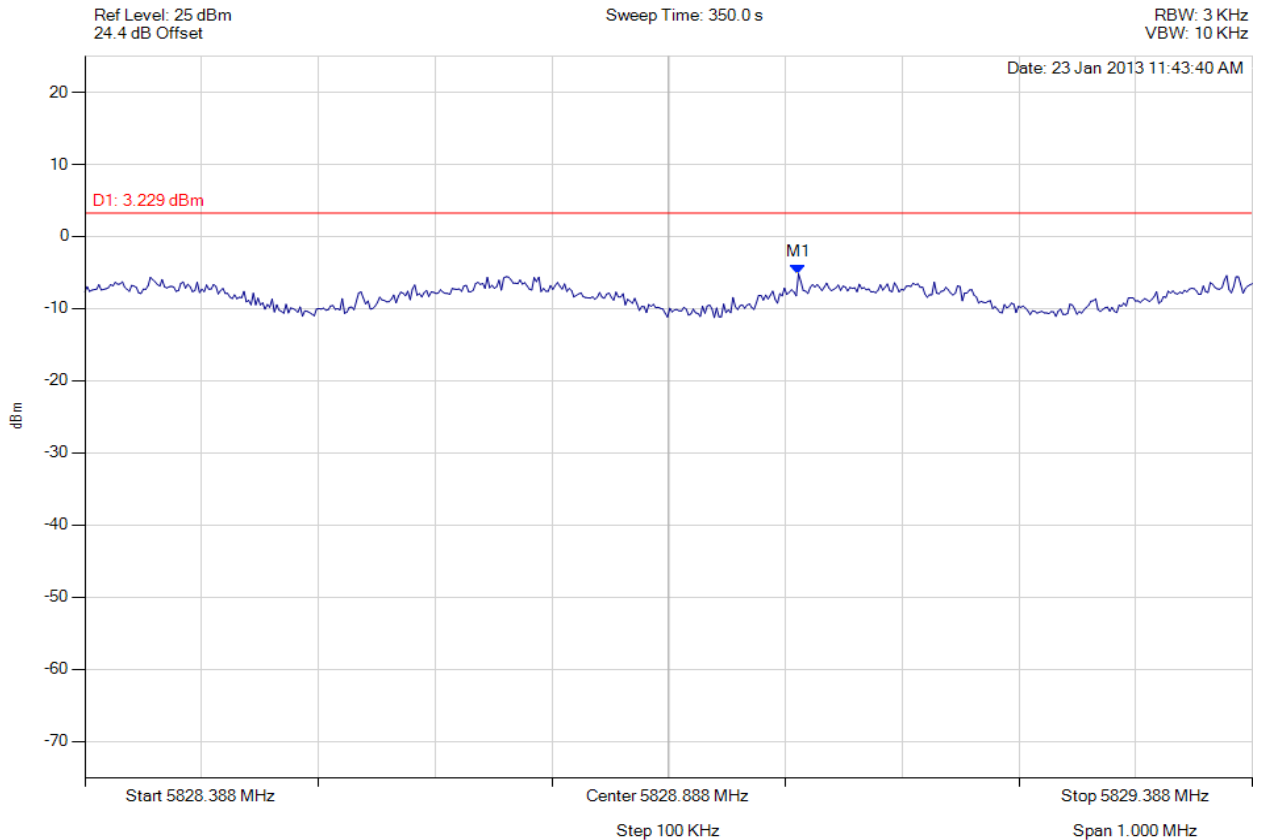


**Title:** APIN0224, APIN0225 802.11a/b/g/n/ac  
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### POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5825.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5828.999 MHz : -5.187 dBm	Limit: $\leq 3.23$ dBm Margin: -8.42 dB

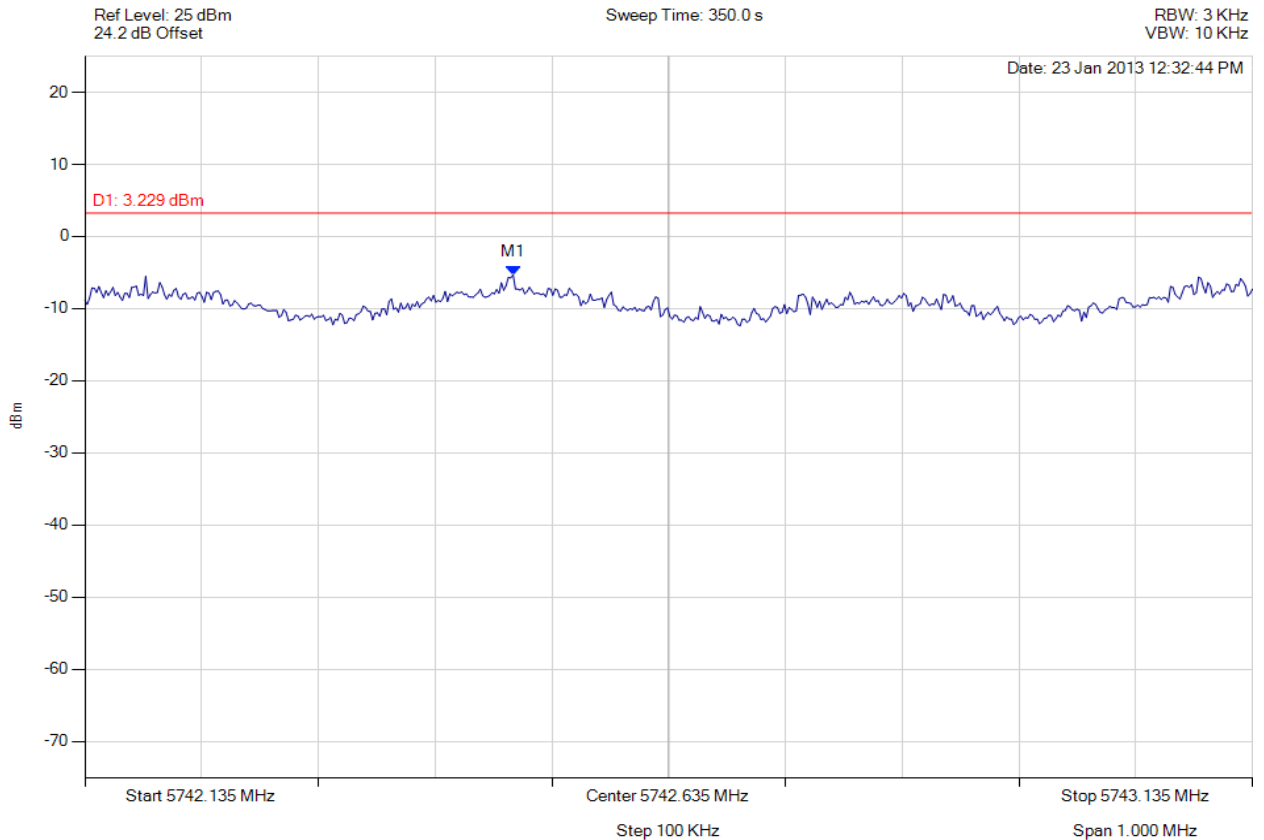
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**POWER SPECTRAL DENSITY**

Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5742.502 MHz : -5.293 dBm	Limit: $\leq 3.23$ dBm Margin: -8.52 dB

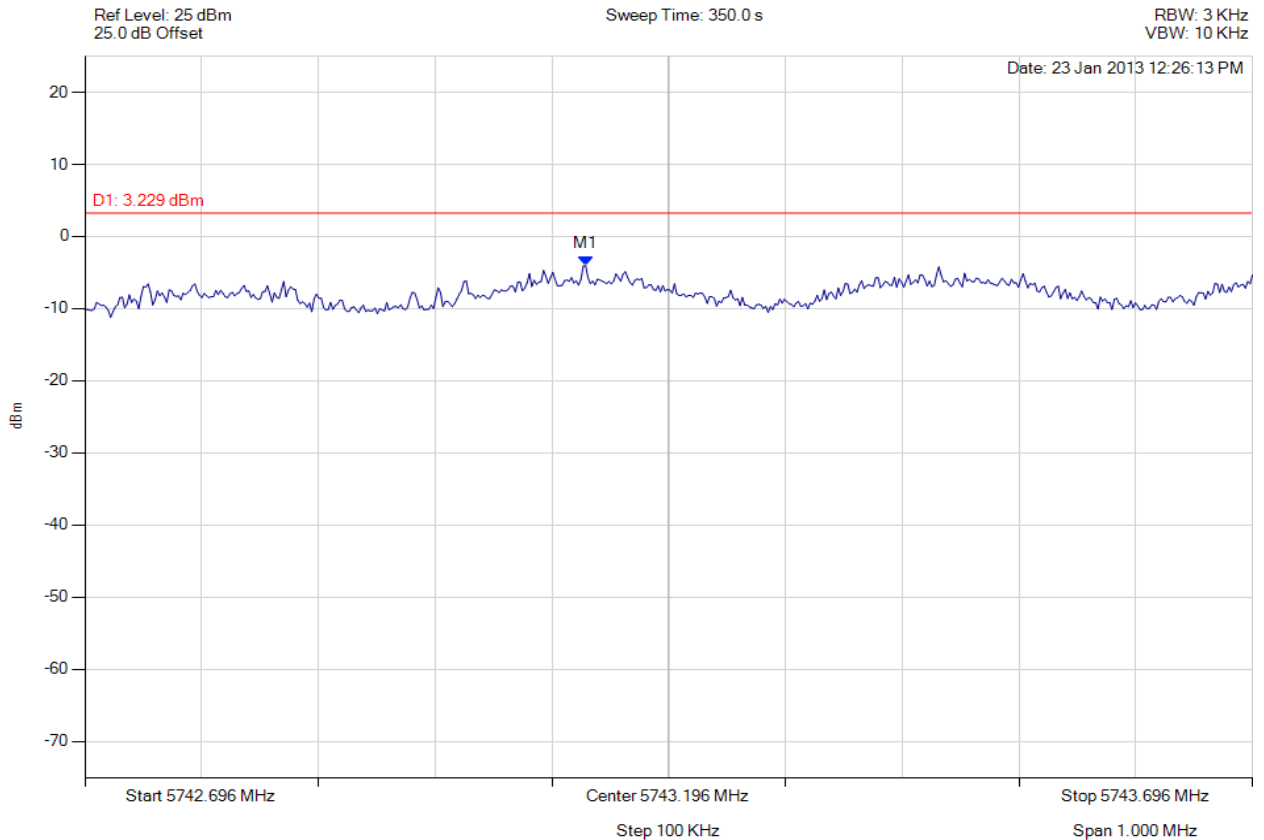
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### POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5743.125 MHz : -4.044 dBm	Limit: $\leq 3.23$ dBm Margin: -7.27 dB

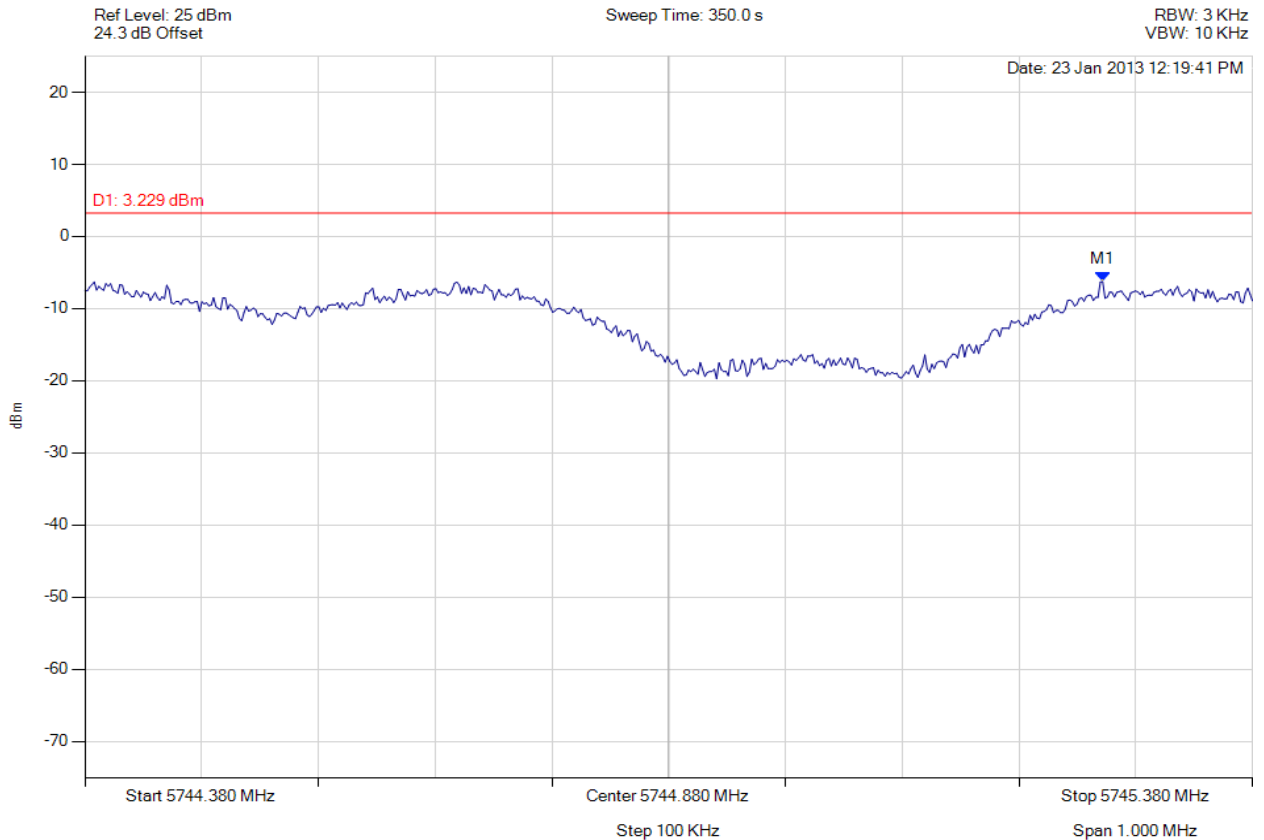
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**POWER SPECTRAL DENSITY**

Variant: 802.11n HT-20, Channel: 5745.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5745.252 MHz : -6.251 dBm	Limit: $\leq 3.23$ dBm Margin: -9.48 dB

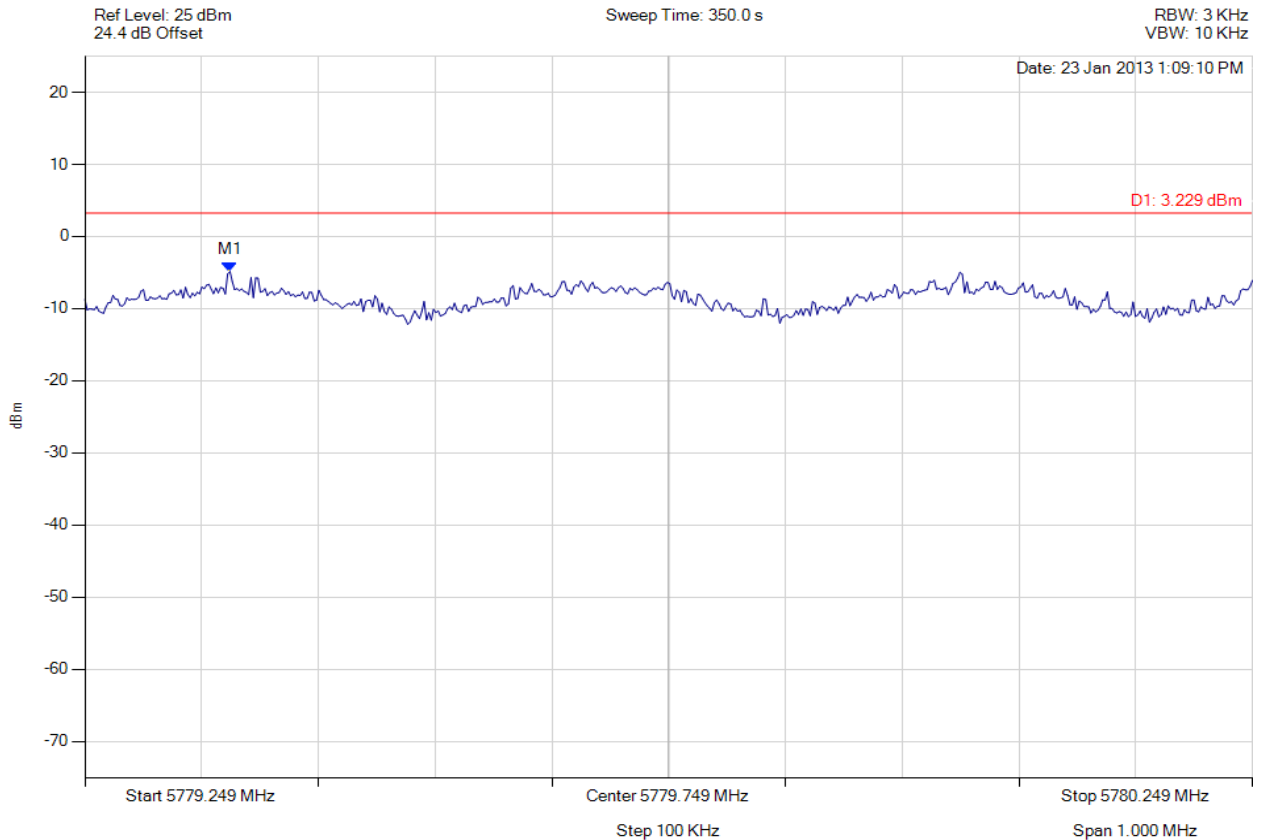
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**POWER SPECTRAL DENSITY**

Variant: 802.11n HT-20, Channel: 5785.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5779.374 MHz : -4.864 dBm	Limit: $\leq 3.23$ dBm Margin: -8.09 dB

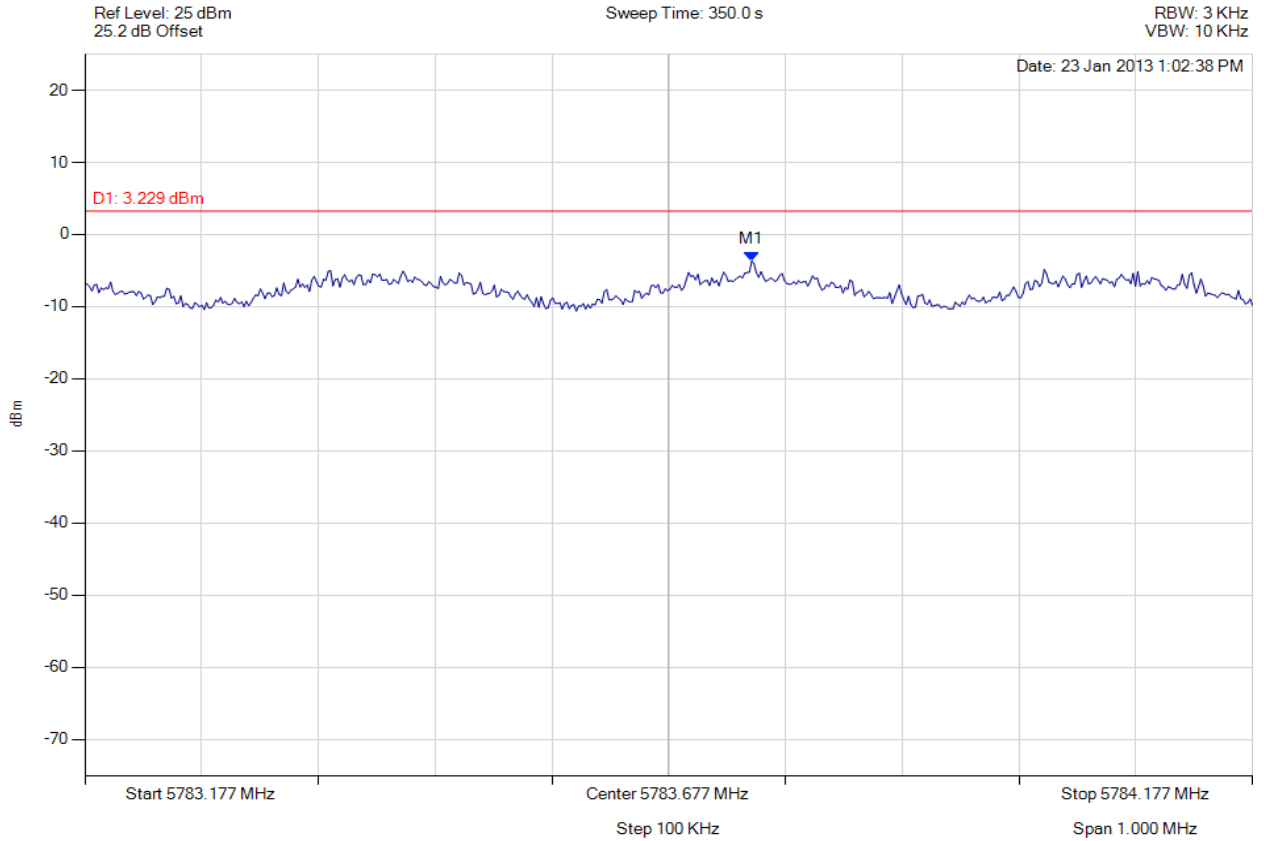
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**POWER SPECTRAL DENSITY**

Variant: 802.11n HT-20, Channel: 5785.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5783.748 MHz : -3.672 dBm	Limit: $\leq 3.23$ dBm Margin: -6.90 dB

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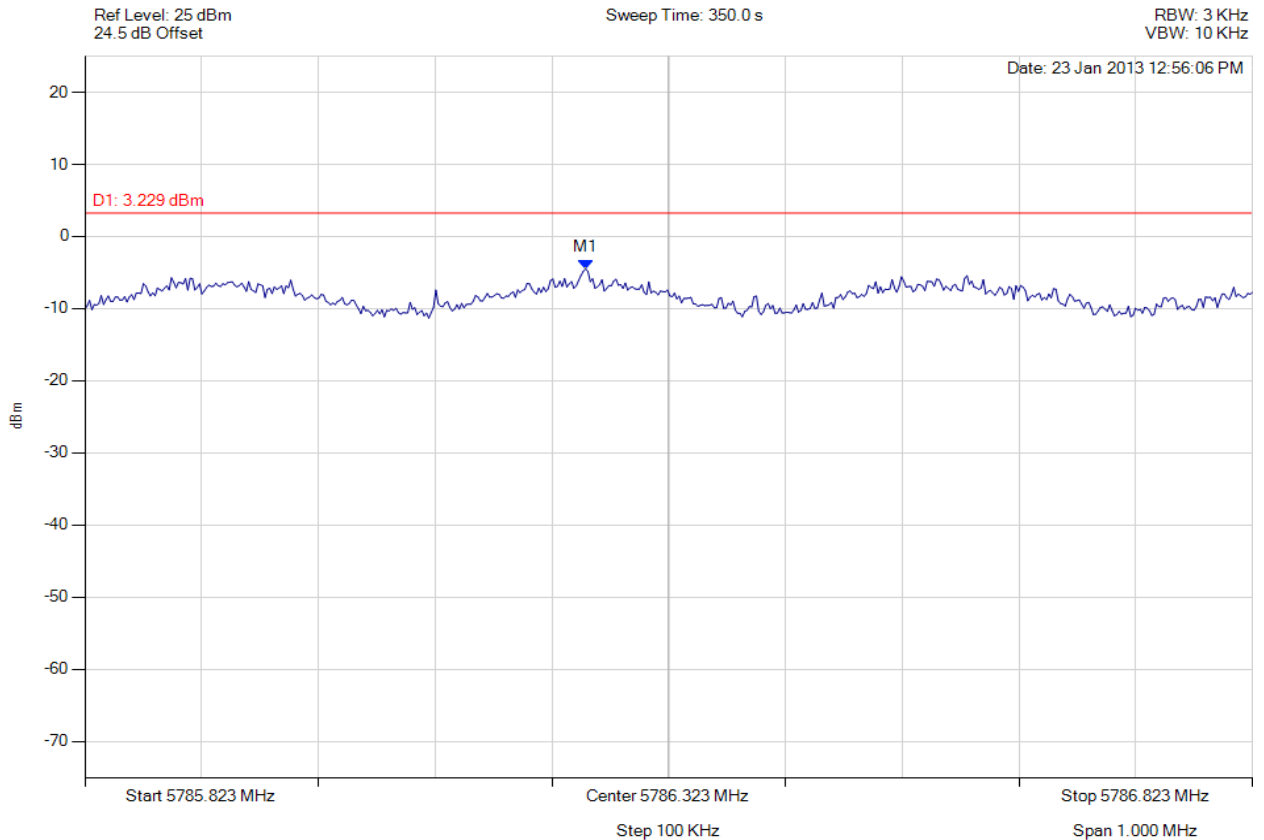


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### POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5785.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5786.252 MHz : -4.481 dBm	Limit: $\leq 3.23$ dBm Margin: -7.71 dB

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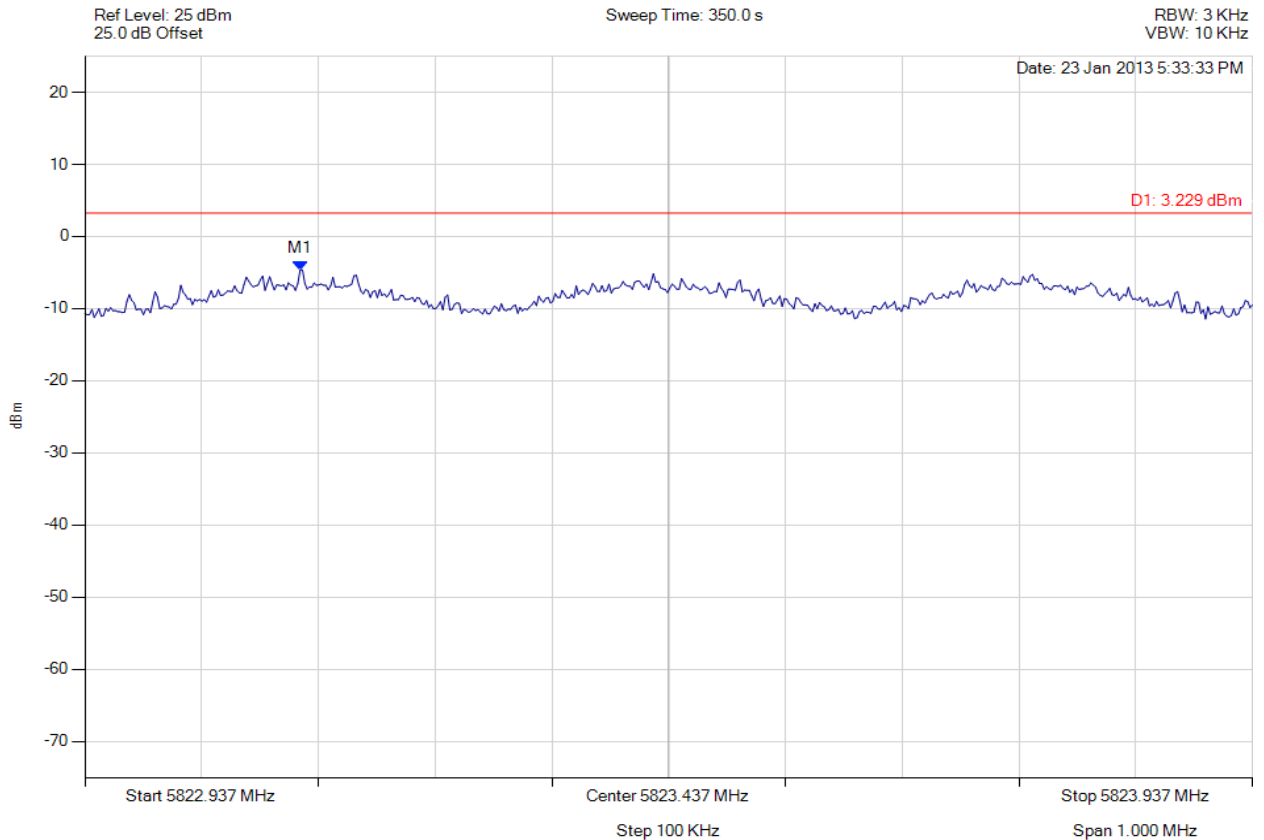
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### POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5823.121 MHz : -4.630 dBm	Limit: $\leq 3.23$ dBm Margin: -7.86 dB

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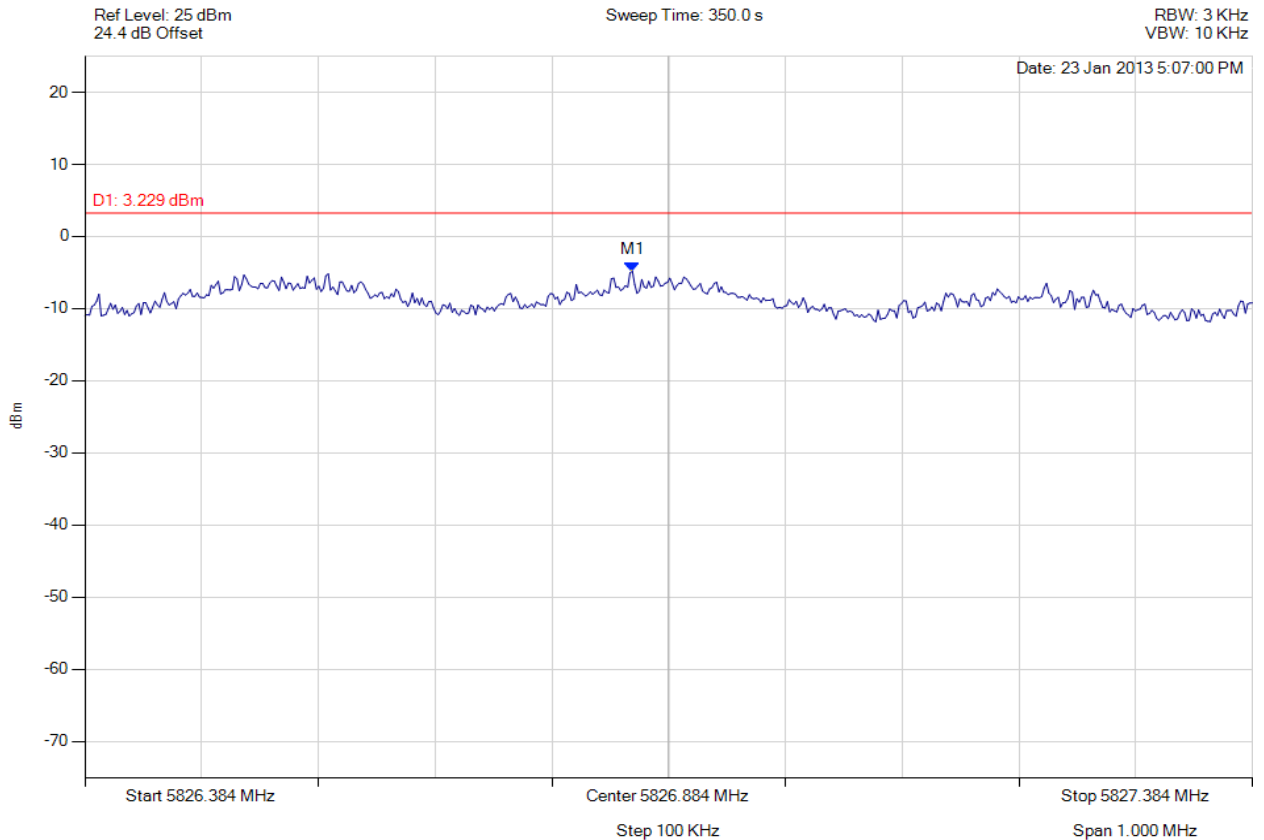


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### POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5826.853 MHz : -4.831 dBm	Limit: $\leq 3.23$ dBm Margin: -8.06 dB

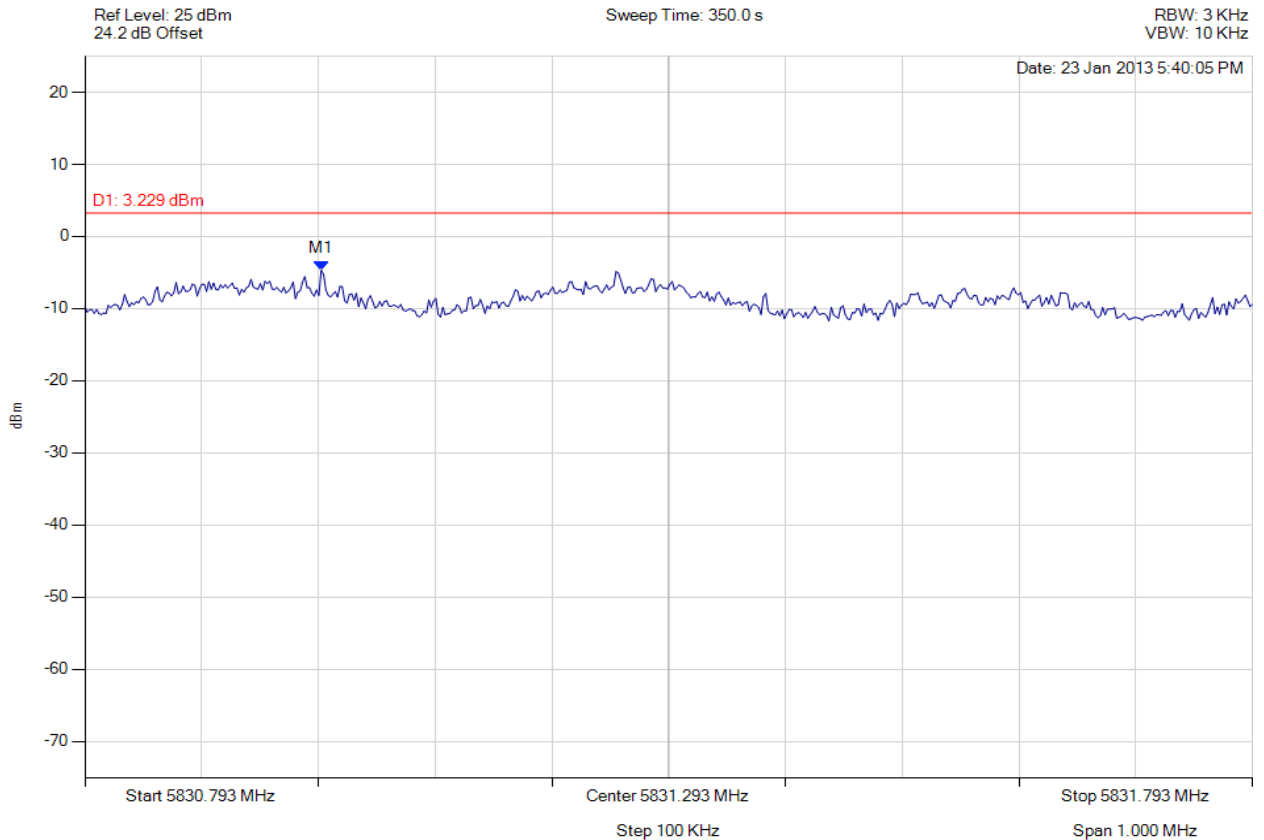
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**POWER SPECTRAL DENSITY**

Variant: 802.11n HT-20, Channel: 5825.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5830.995 MHz : -4.672 dBm	Limit: $\leq 3.23$ dBm Margin: -7.90 dB

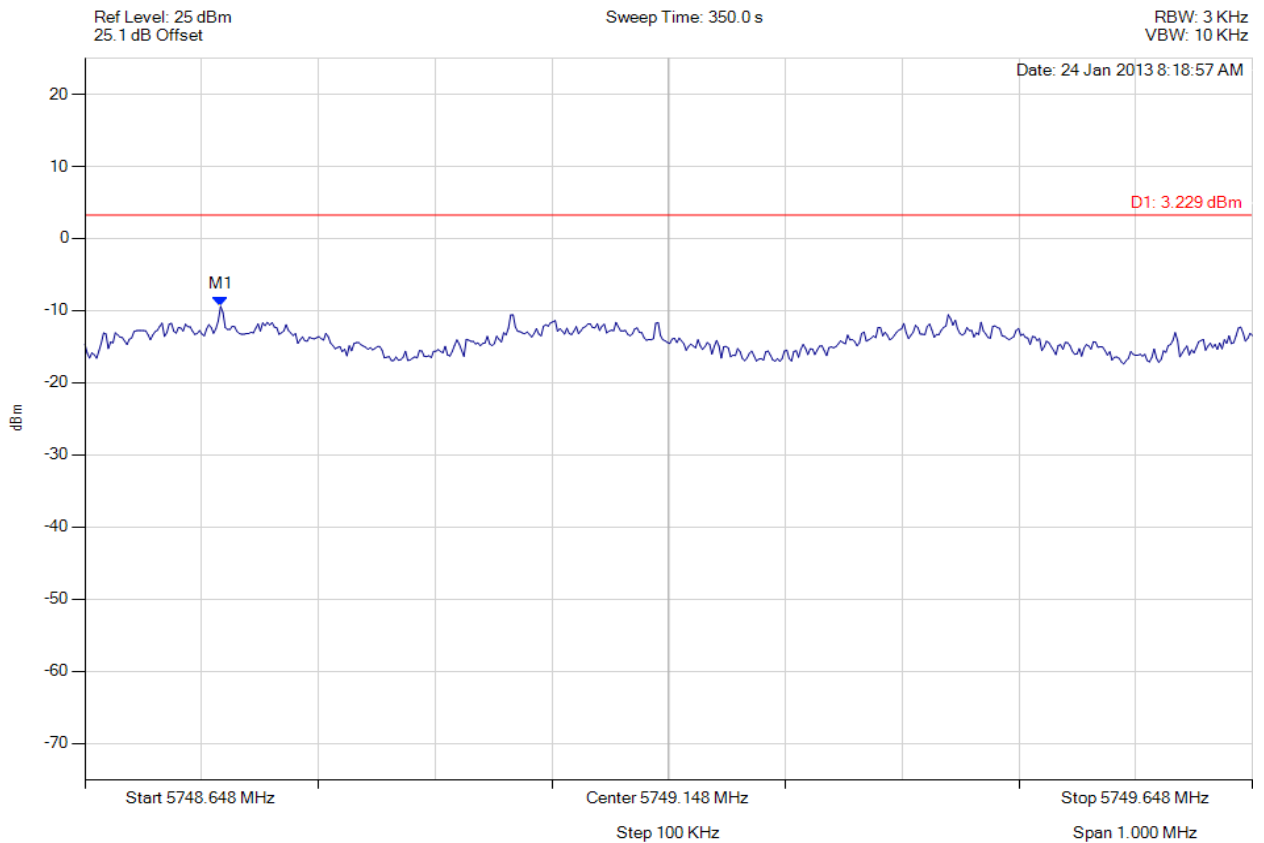
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**POWER SPECTRAL DENSITY**

Variant: 802.11n HT-40, Channel: 5755.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5748.765 MHz : -9.419 dBm	Limit: $\leq 3.23$ dBm Margin: -12.65 dB

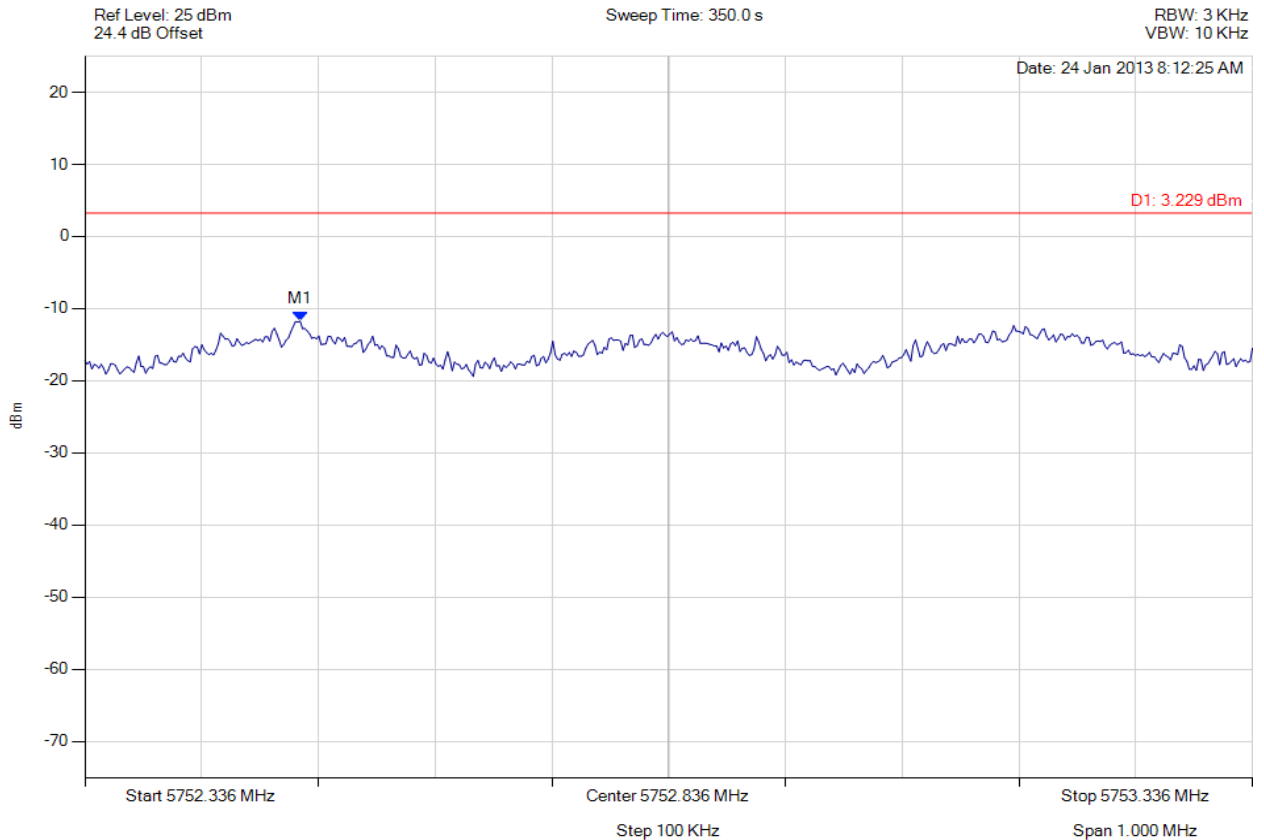
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**POWER SPECTRAL DENSITY**

Variant: 802.11n HT-40, Channel: 5755.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5752.520 MHz : -11.752 dBm	Limit: $\leq 3.23$ dBm Margin: -14.98 dB

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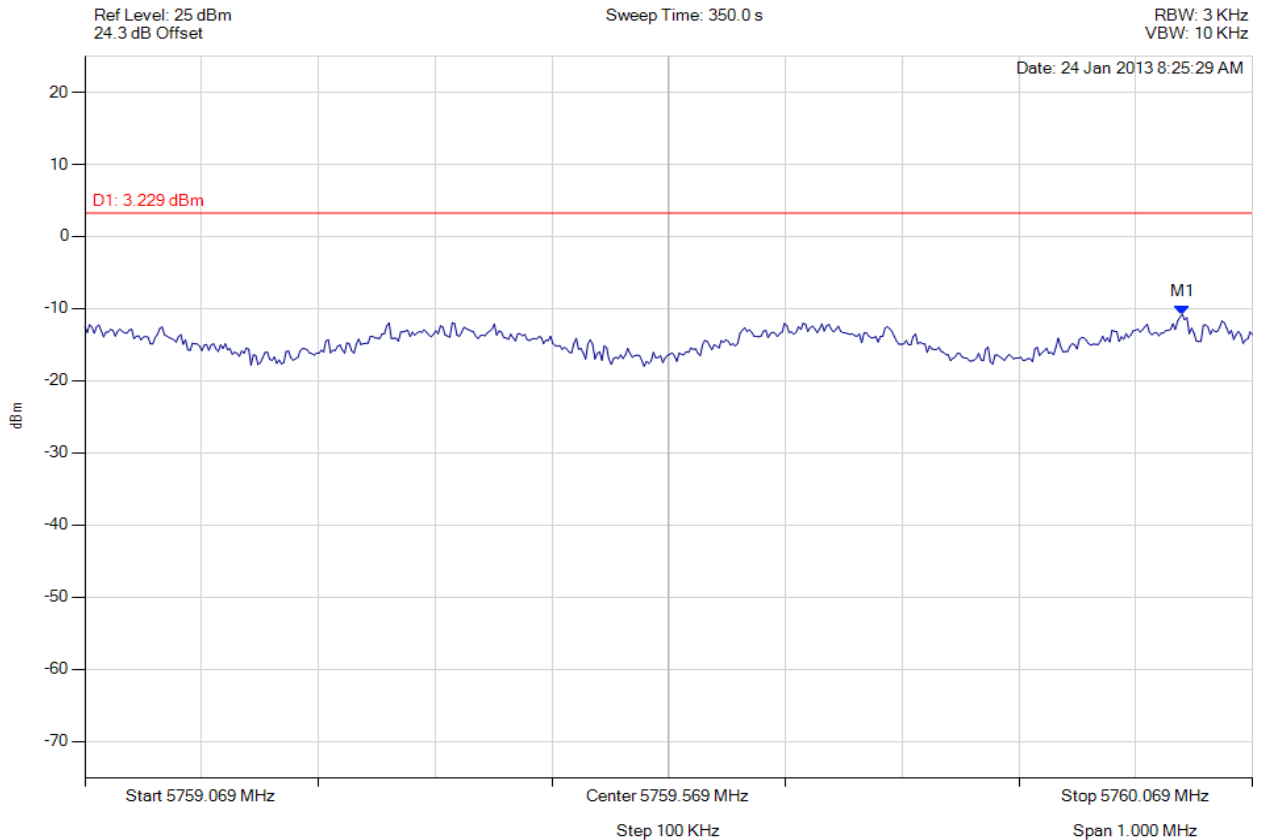


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### POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5755.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5760.009 MHz : -10.786 dBm	Limit: $\leq 3.23$ dBm Margin: -14.01 dB

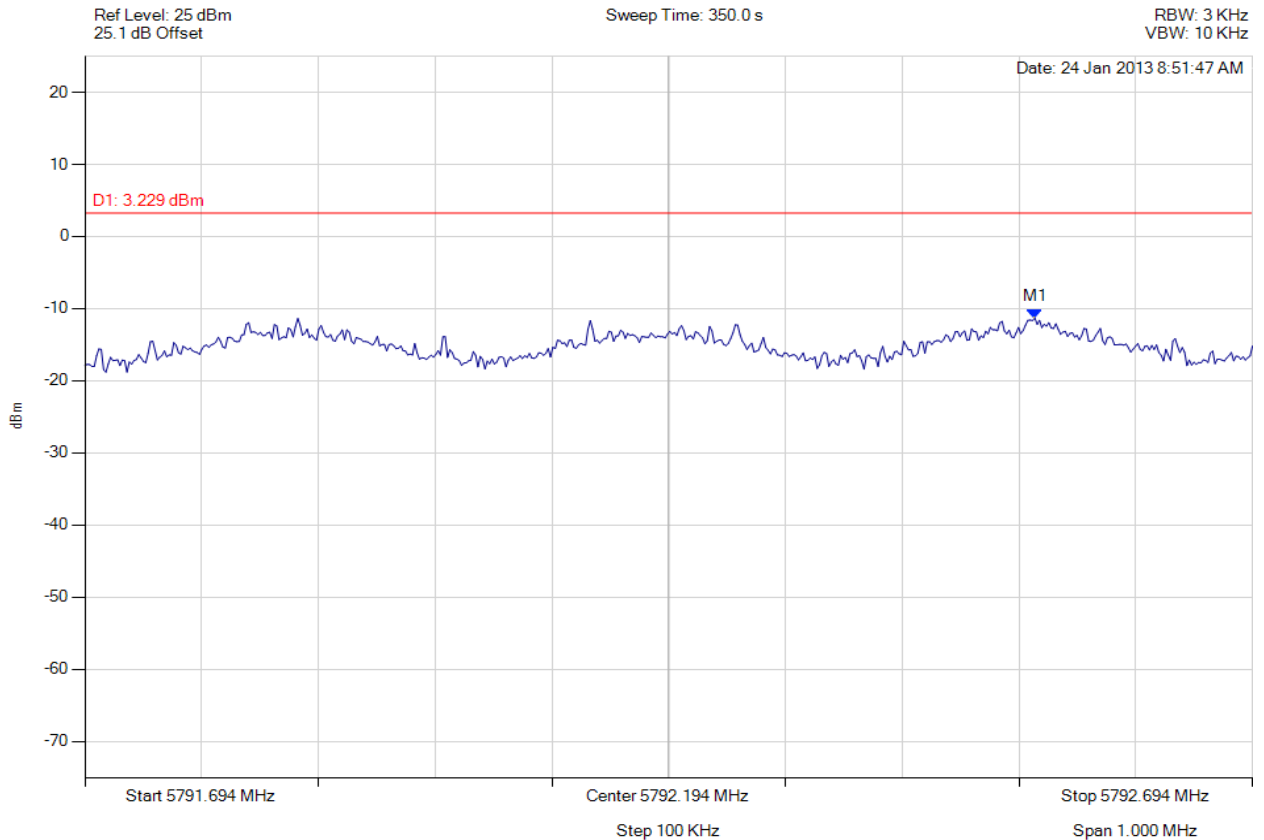
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**POWER SPECTRAL DENSITY**

Variant: 802.11n HT-40, Channel: 5795.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5792.508 MHz : -11.313 dBm	Limit: $\leq 3.23$ dBm Margin: -14.54 dB

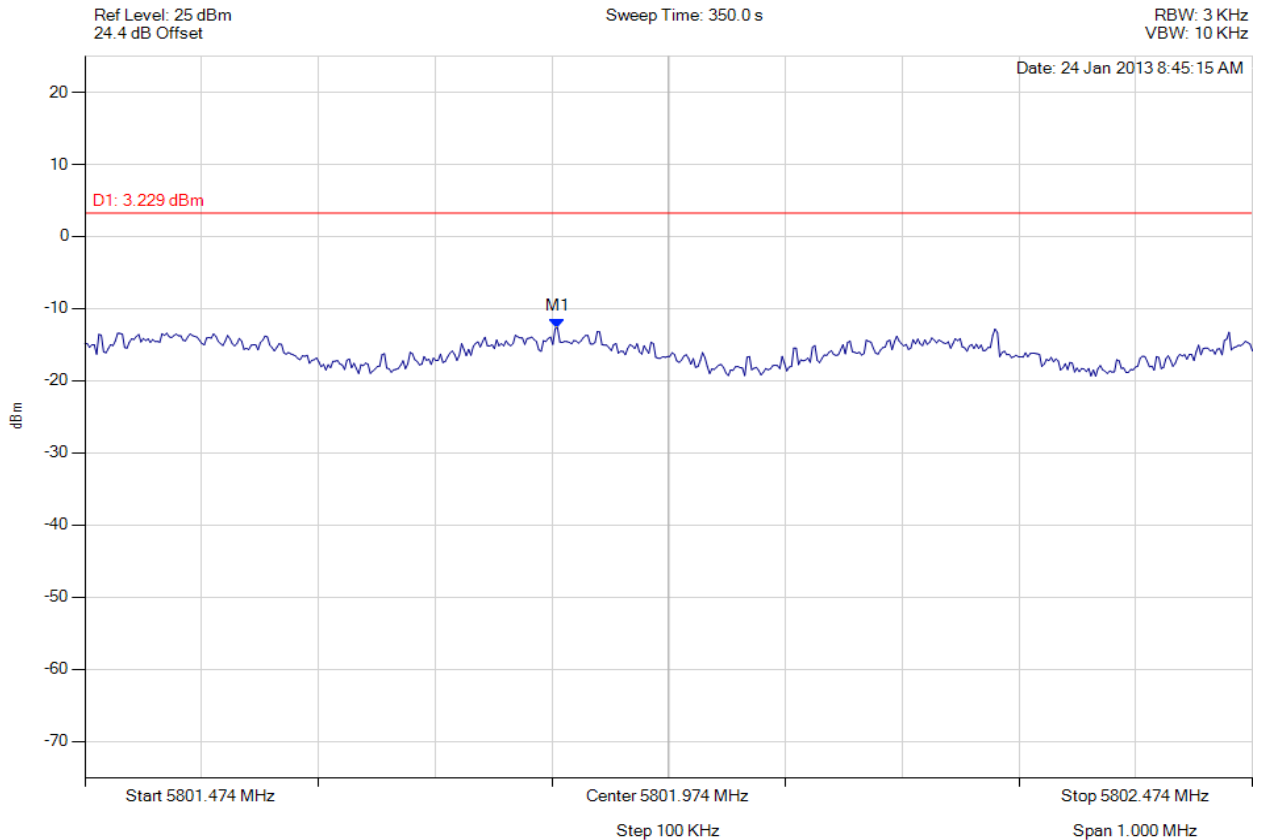
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**POWER SPECTRAL DENSITY**

Variant: 802.11n HT-40, Channel: 5795.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5801.879 MHz : -12.661 dBm	Limit: $\leq 3.23$ dBm Margin: -15.89 dB

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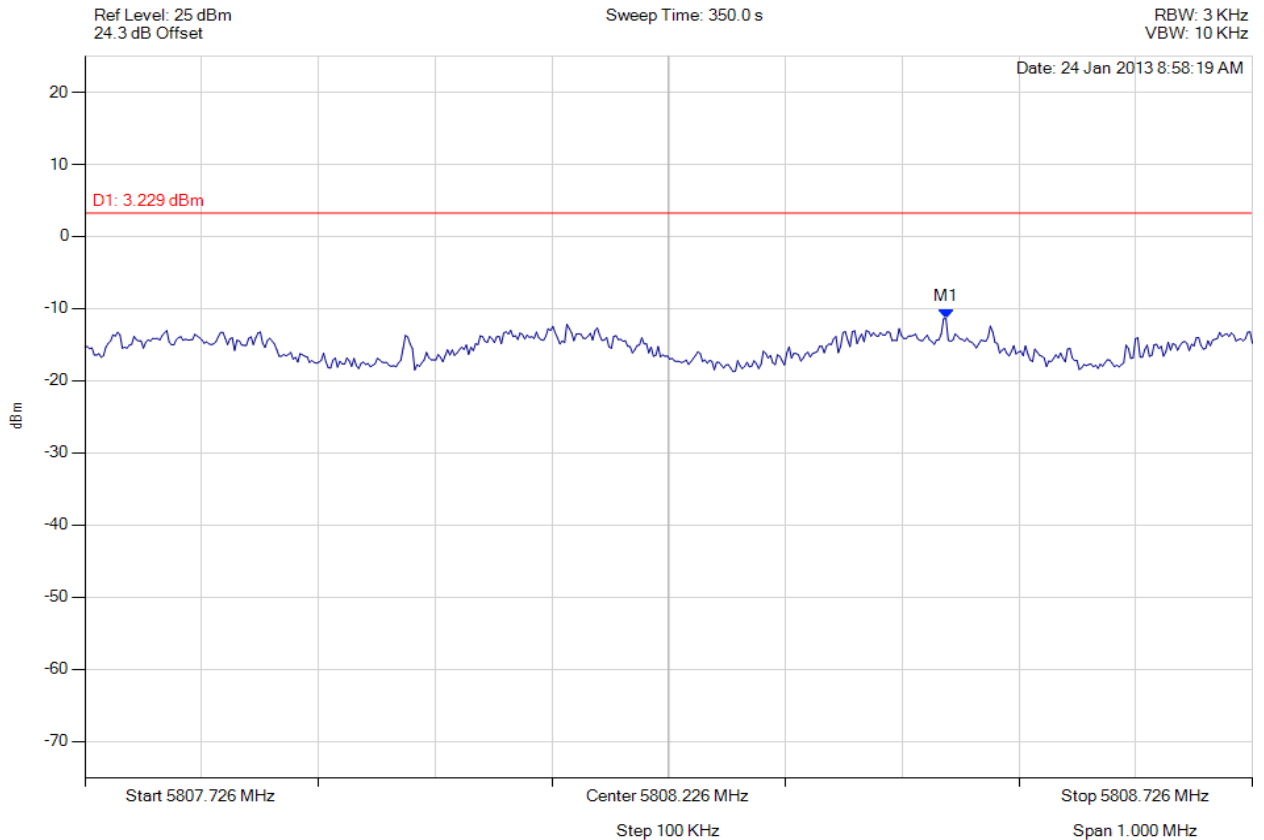
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**POWER SPECTRAL DENSITY**

Variante: 802.11n HT-40, Channel: 5795.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5808.464 MHz : -11.337 dBm	Limit: $\leq 3.23$ dBm Margin: -14.57 dB

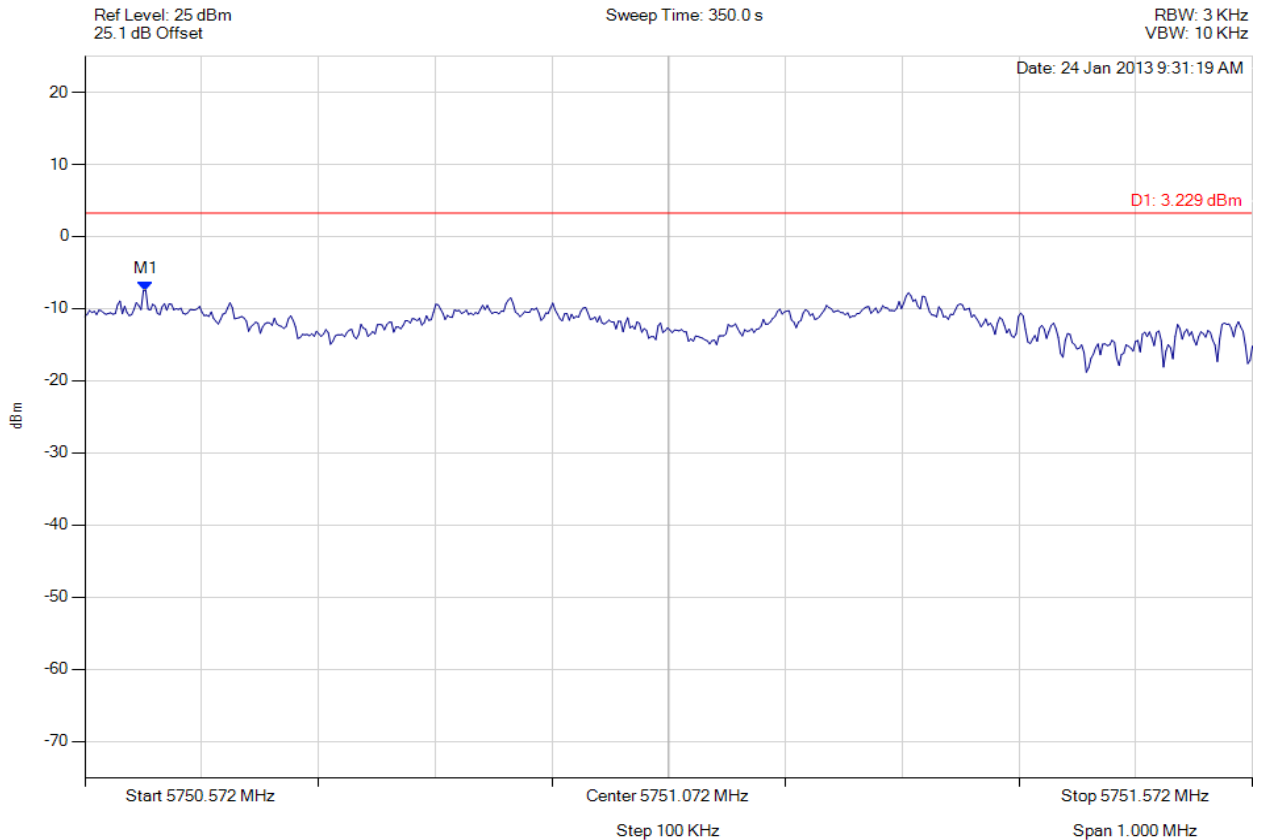
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### POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5755.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5750.624 MHz : -7.465 dBm	Limit: $\leq 3.23$ dBm Margin: -10.69 dB

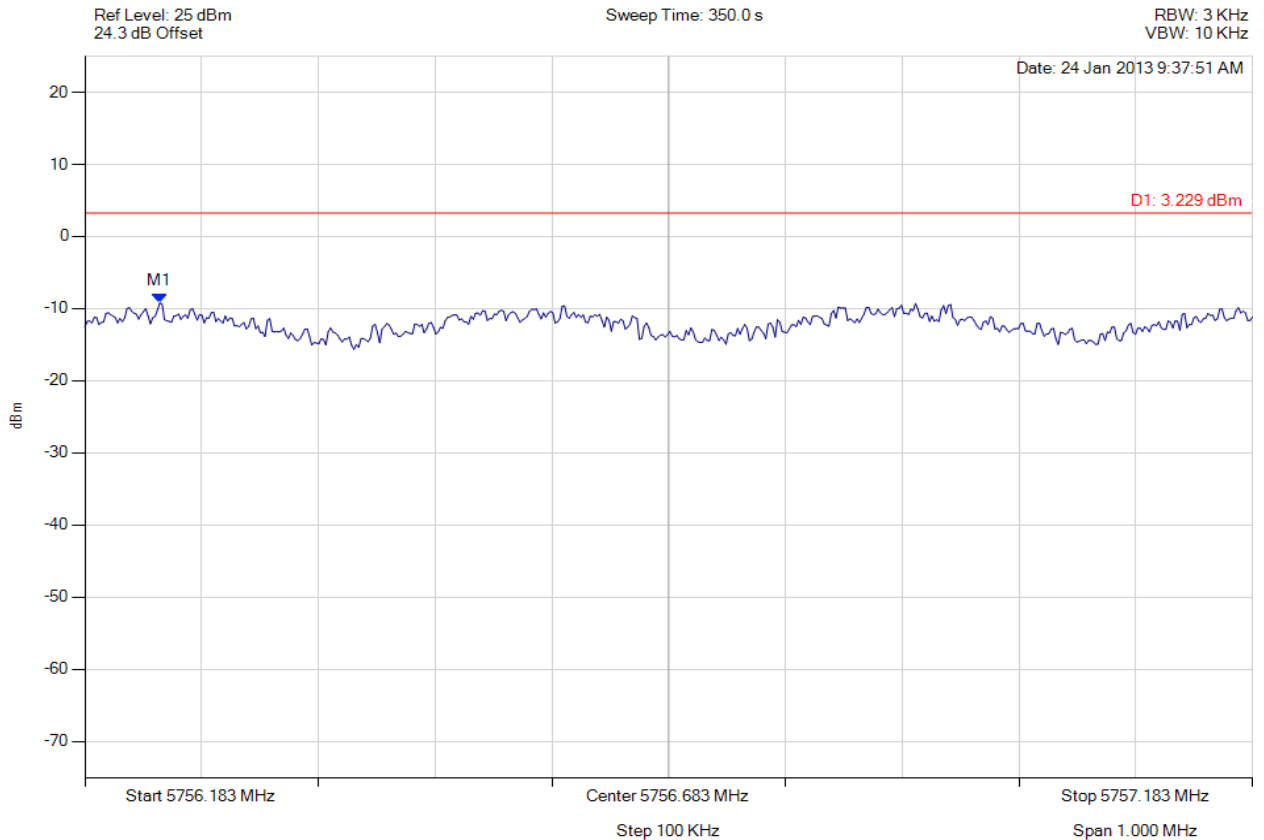
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### POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5755.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5756.247 MHz : -9.214 dBm	Limit: $\leq 3.23$ dBm Margin: -12.44 dB

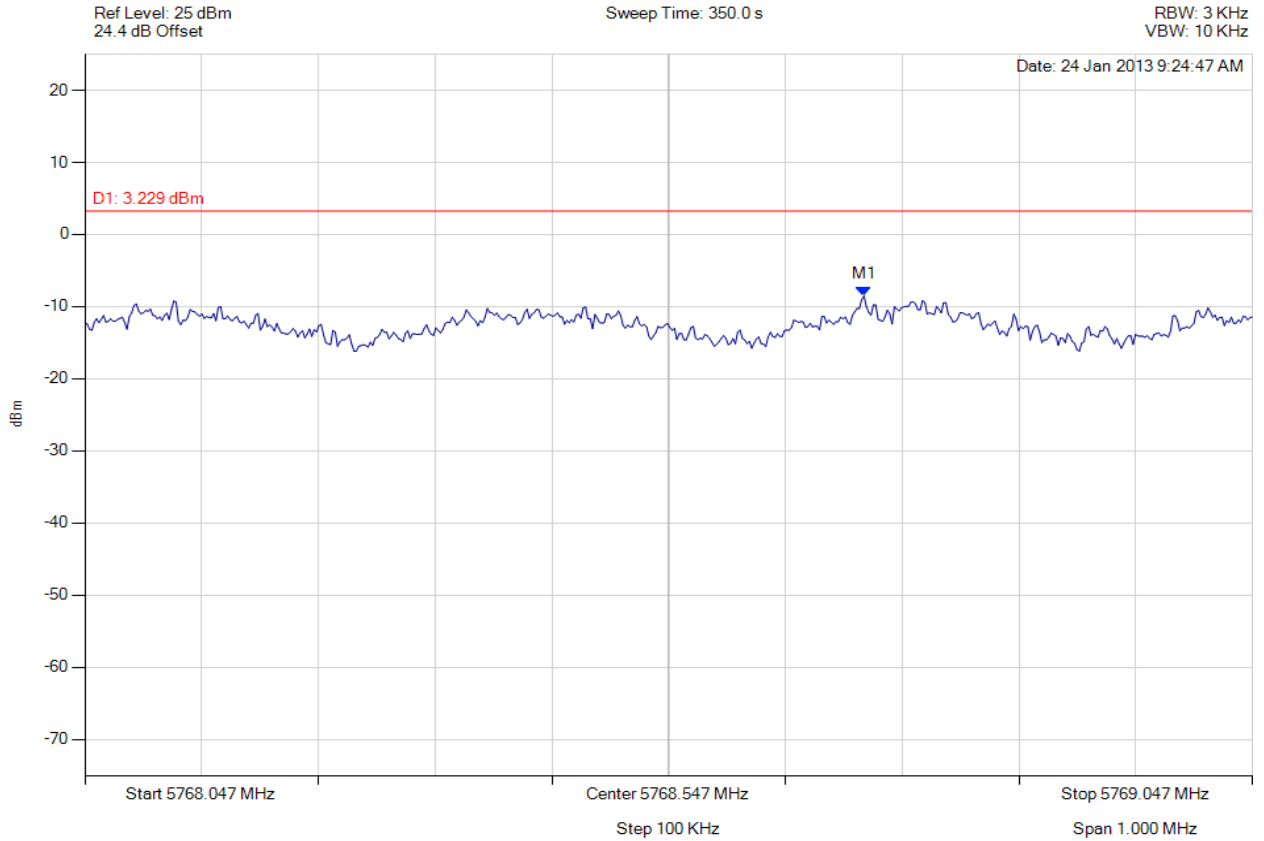
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**POWER SPECTRAL DENSITY**

Variant: 802.11ac-40, Channel: 5755.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5768.714 MHz : -8.518 dBm	Limit: ≤3.23 dBm Margin: -11.75 dB

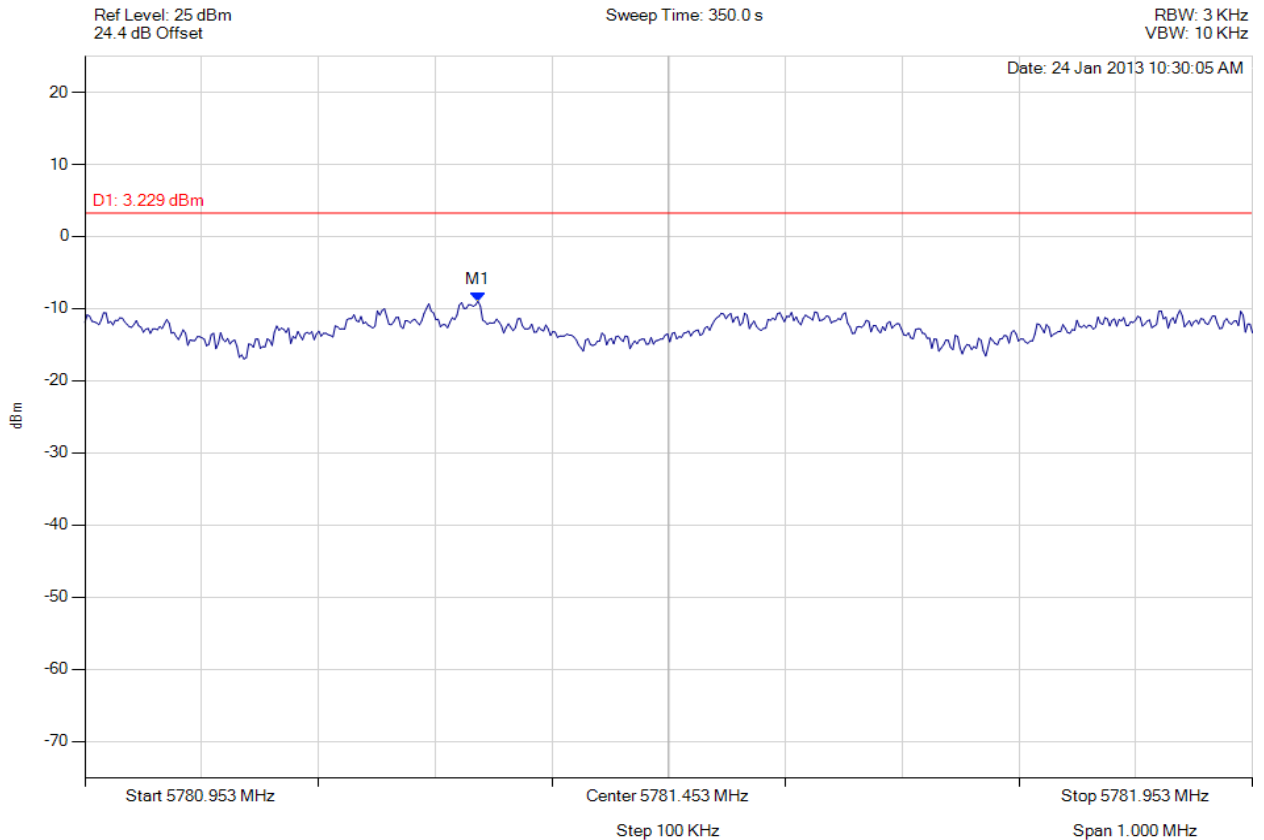
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### POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5795.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5781.290 MHz : -8.984 dBm	Limit: $\leq 3.23$ dBm Margin: -12.21 dB

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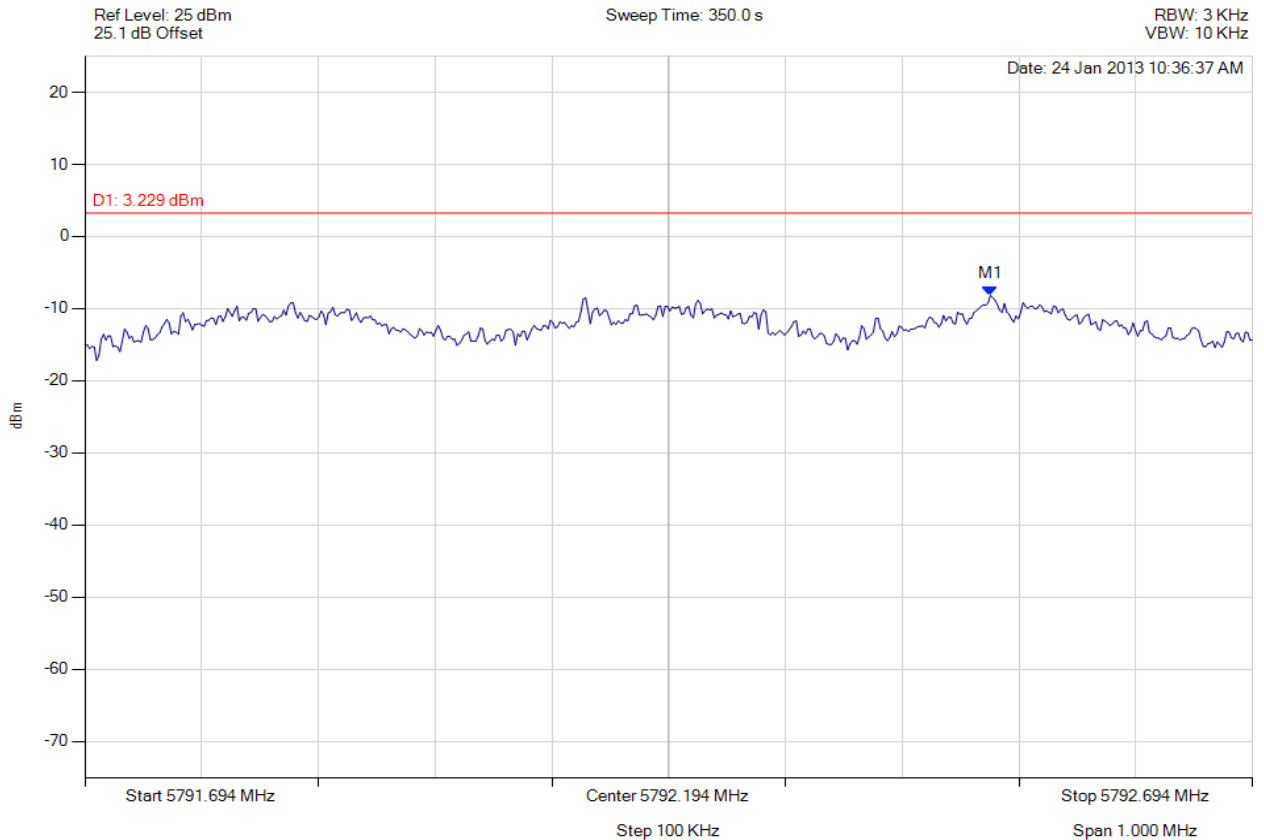


**Title:** APIN0224, APIN0225 802.11a/b/g/n/ac  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
**Serial #:** ARUB145-U1 Rev A  
**Issue Date:** 11th May 2013  
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### POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5795.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5792.470 MHz : -8.170 dBm	Limit: $\leq 3.23$ dBm Margin: -11.40 dB

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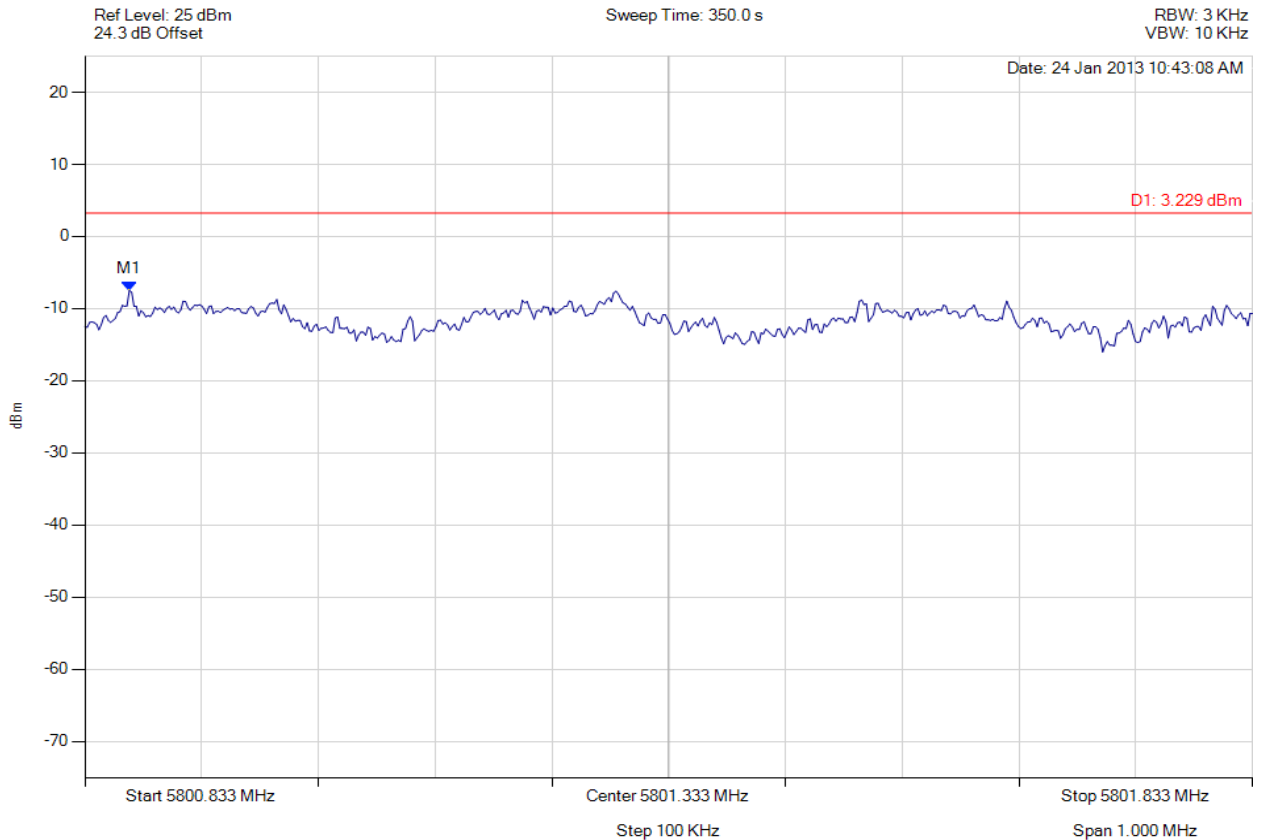


**Title:** APIN0224, APIN0225 802.11a/b/g/n/ac  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
**Serial #:** ARUB145-U1 Rev A  
**Issue Date:** 11th May 2013  
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### POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5795.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5800.871 MHz : -7.491 dBm	Limit: $\leq 3.23$ dBm Margin: -10.72 dB

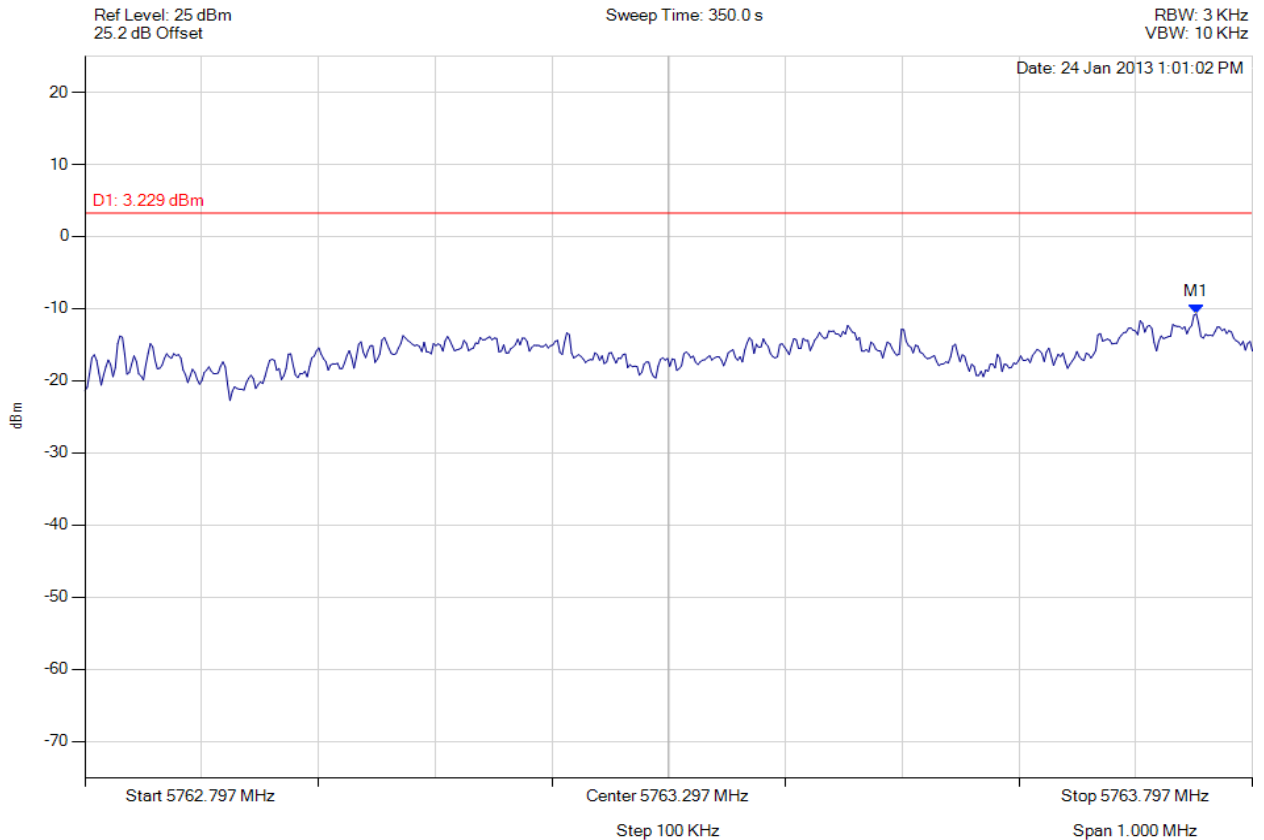
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### POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5775.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5763.748 MHz : -10.723 dBm	Limit: $\leq 3.23$ dBm Margin: -13.95 dB

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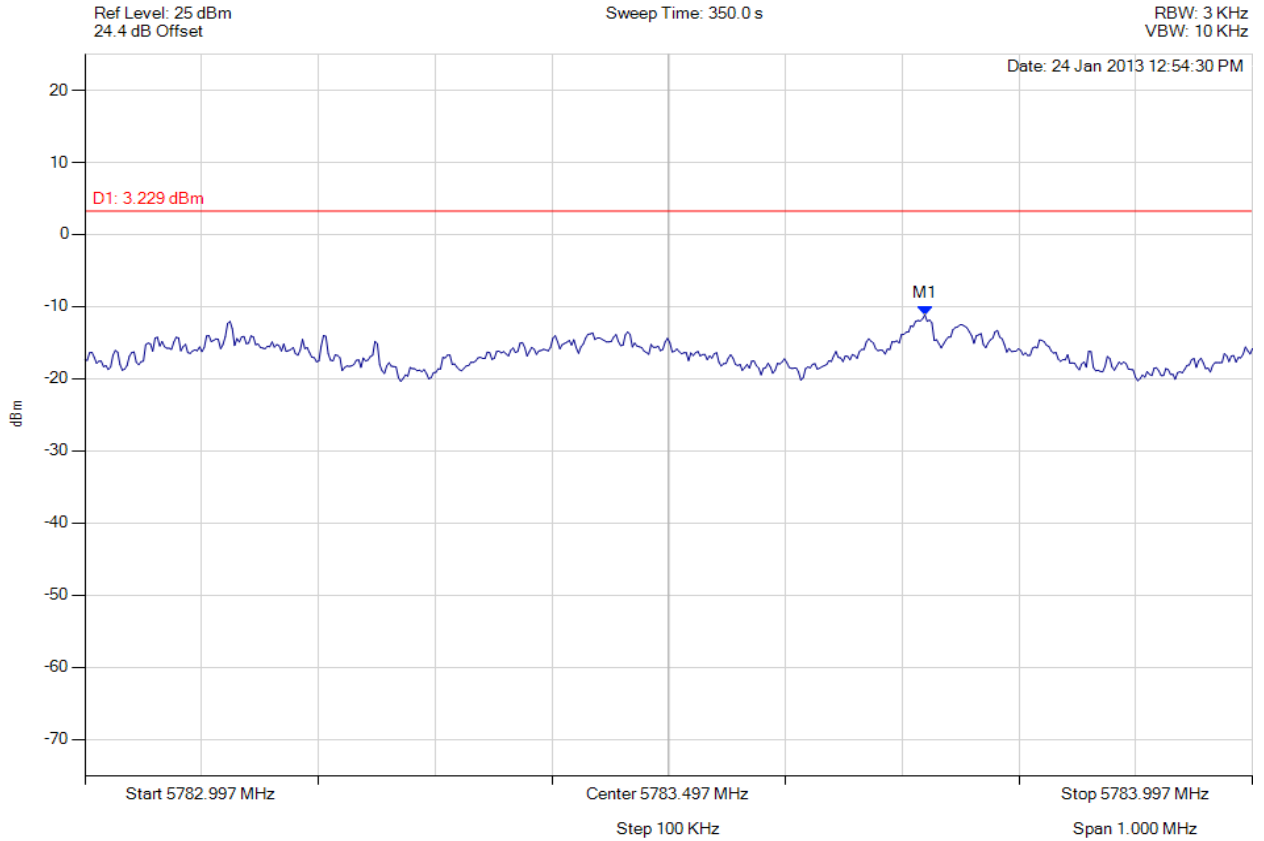


**Title:** APIN0224, APIN0225 802.11a/b/g/n/ac  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
**Serial #:** ARUB145-U1 Rev A  
**Issue Date:** 11th May 2013  
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### POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5775.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5783.716 MHz : -11.138 dBm	Limit: $\leq 3.23$ dBm Margin: -14.37 dB

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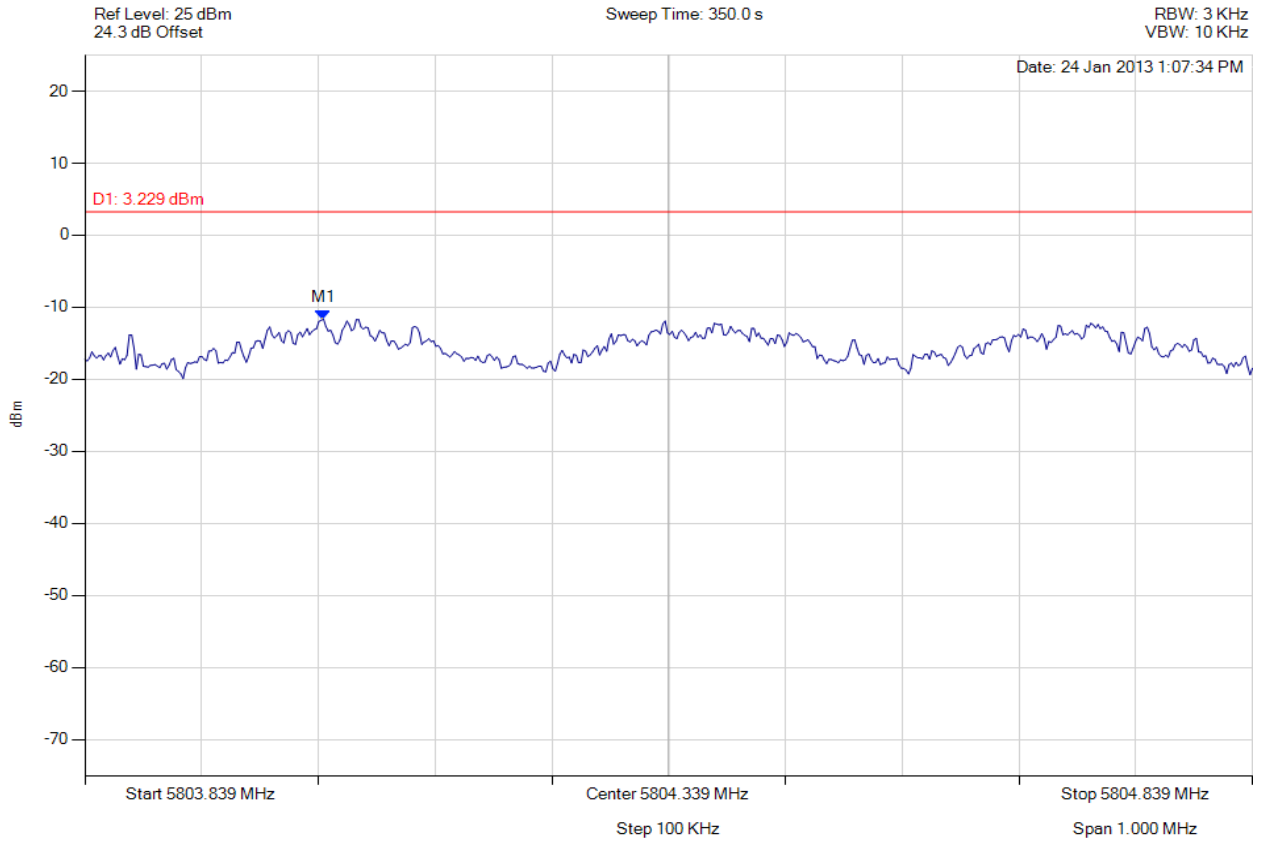


**Title:** APIN0224, APIN0225 802.11a/b/g/n/ac  
**To:** FCC 47 CFR Part 15.247 & IC RSS-210  
**Serial #:** ARUB145-U1 Rev A  
**Issue Date:** 11th May 2013  
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### POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5775.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5804.043 MHz : -11.650 dBm	Limit: $\leq 3.23$ dBm Margin: -14.88 dB

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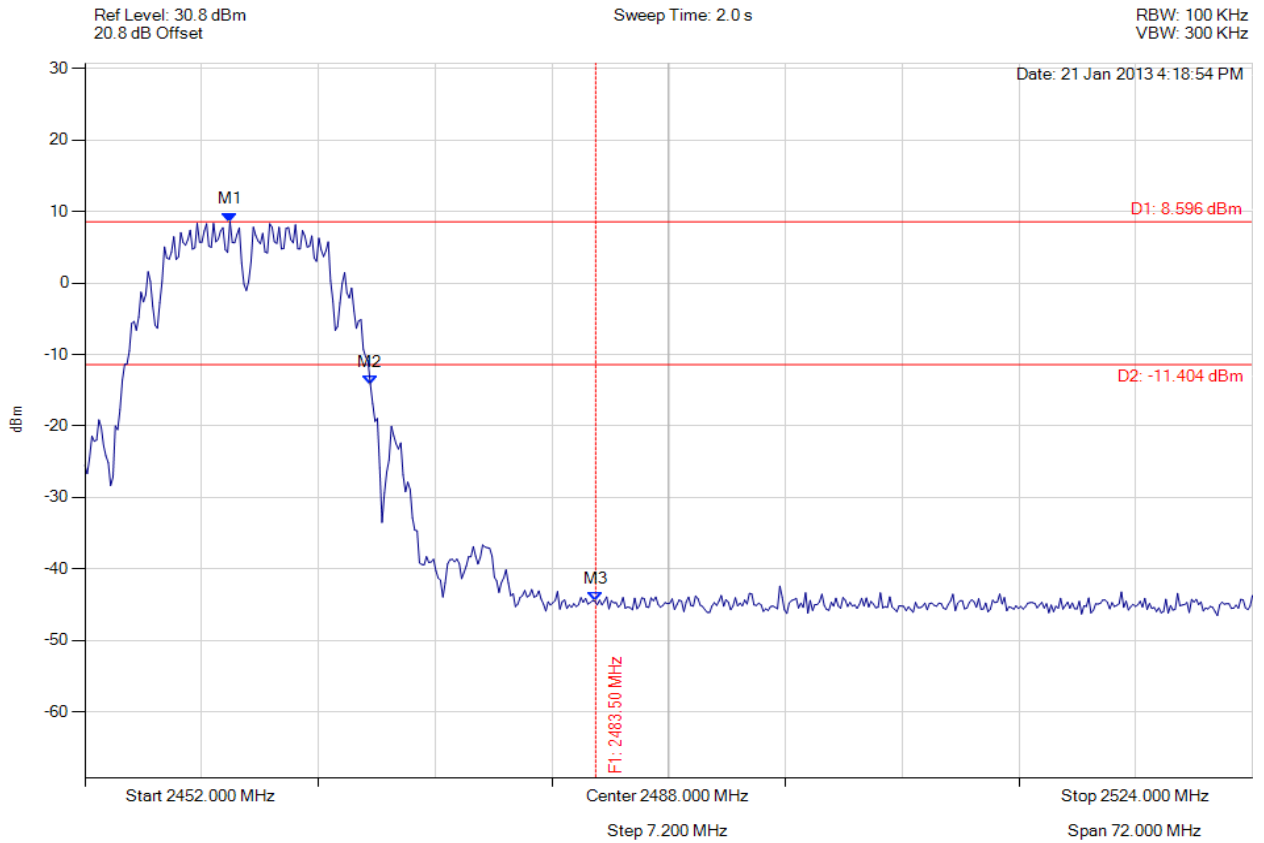


### A.1.4. Conducted Spurious Emissions



#### CONDUCTED HIGH BAND-EDGE EMISSION

Variant: 802.11b, Channel: 2462.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M3 : 2483.500 MHz : -44.542 dBm M2 : 2469.603 MHz : -14.201 dBm M1 : 2460.946 MHz : 8.596 dBm	Limit: -11.40 dBm

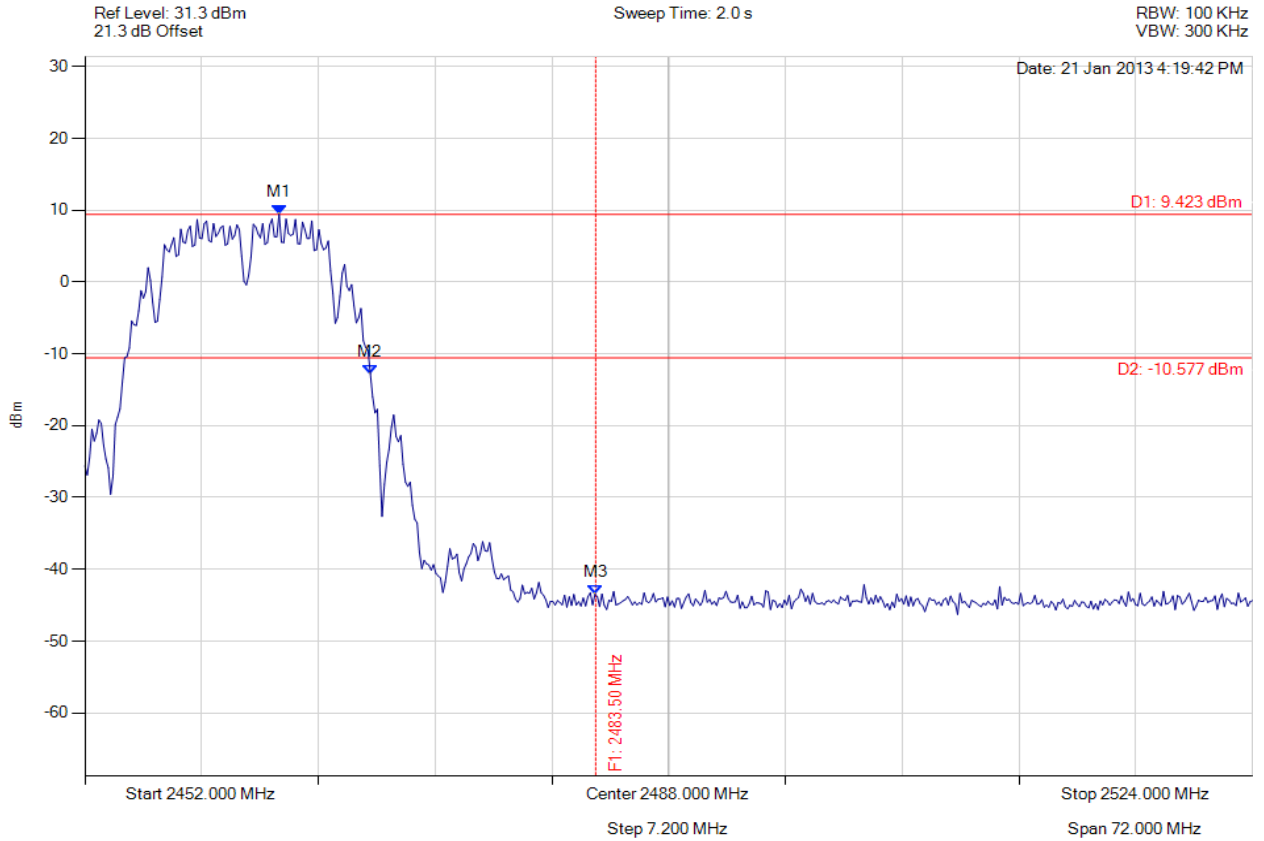
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**CONDUCTED HIGH BAND-EDGE EMISSION**

Variant: 802.11b, Channel: 2462.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M3 : 2483.500 MHz : -43.473 dBm M2 : 2469.603 MHz : -12.816 dBm M1 : 2463.976 MHz : 9.423 dBm	Limit: -10.58 dBm

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