

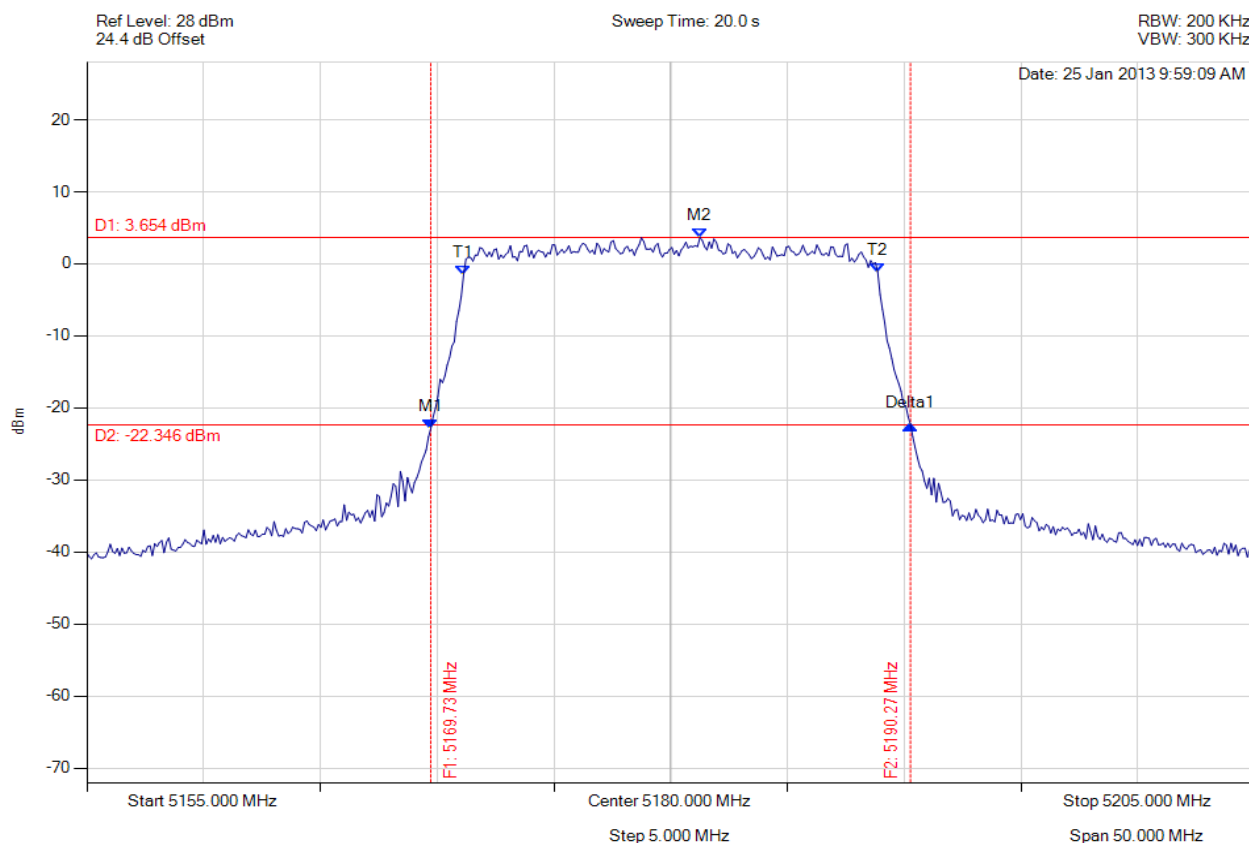


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB145-U2 Rev A
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26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5180.00 MHz, Chain b, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5169.729 MHz : -22.844 dBm M2 : 5181.253 MHz : 3.654 dBm Delta1 : 20.541 MHz : 0.504 dB T1 : 5171.132 MHz : -1.506 dBm T2 : 5188.868 MHz : -1.158 dBm OBW : 17.735 MHz	Measured 26 dB Bandwidth: 20.541 MHz Measured 99% Bandwidth: 17.735 MHz

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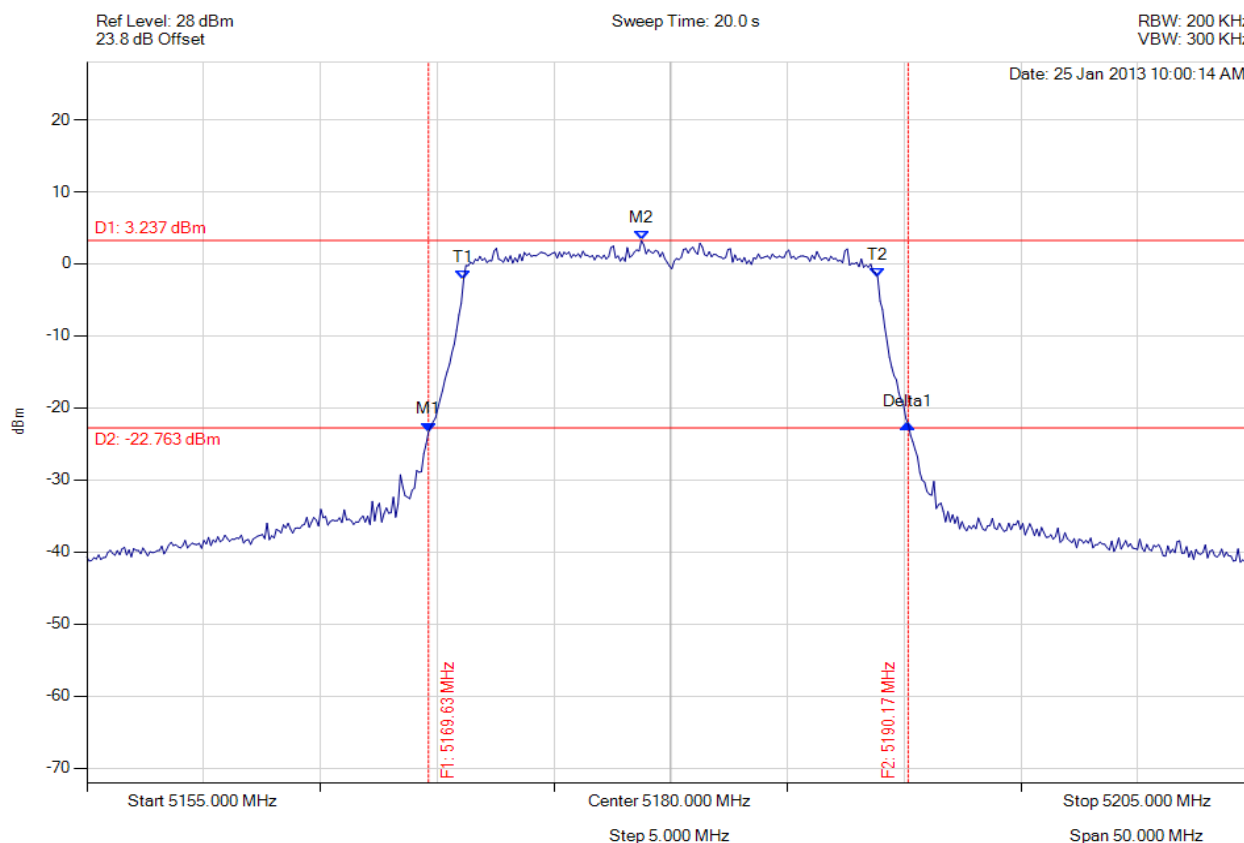


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5180.00 MHz, Chain c, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5169.629 MHz : -23.307 dBm M2 : 5178.747 MHz : 3.237 dBm Delta1 : 20.541 MHz : 1.096 dB T1 : 5171.132 MHz : -2.160 dBm T2 : 5188.868 MHz : -1.896 dBm OBW : 17.735 MHz	Measured 26 dB Bandwidth: 20.541 MHz Measured 99% Bandwidth: 17.735 MHz

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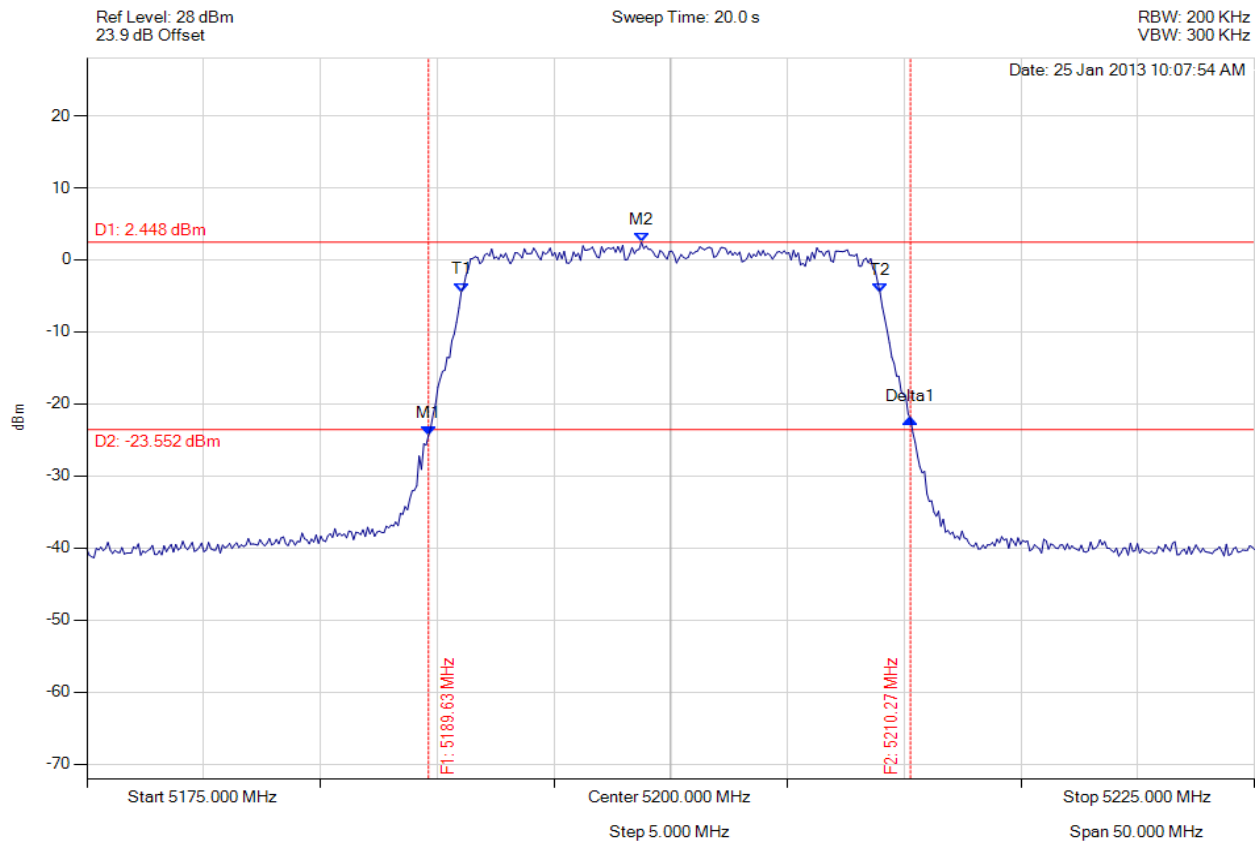


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
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26 dB & 99% BANDWIDTH

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



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5189.629 MHz : -24.365 dBm M2 : 5198.747 MHz : 2.448 dBm Delta1 : 20.641 MHz : 2.367 dB T1 : 5191.032 MHz : -4.461 dBm T2 : 5208.968 MHz : -4.585 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 20.641 MHz Measured 99% Bandwidth: 17.936 MHz

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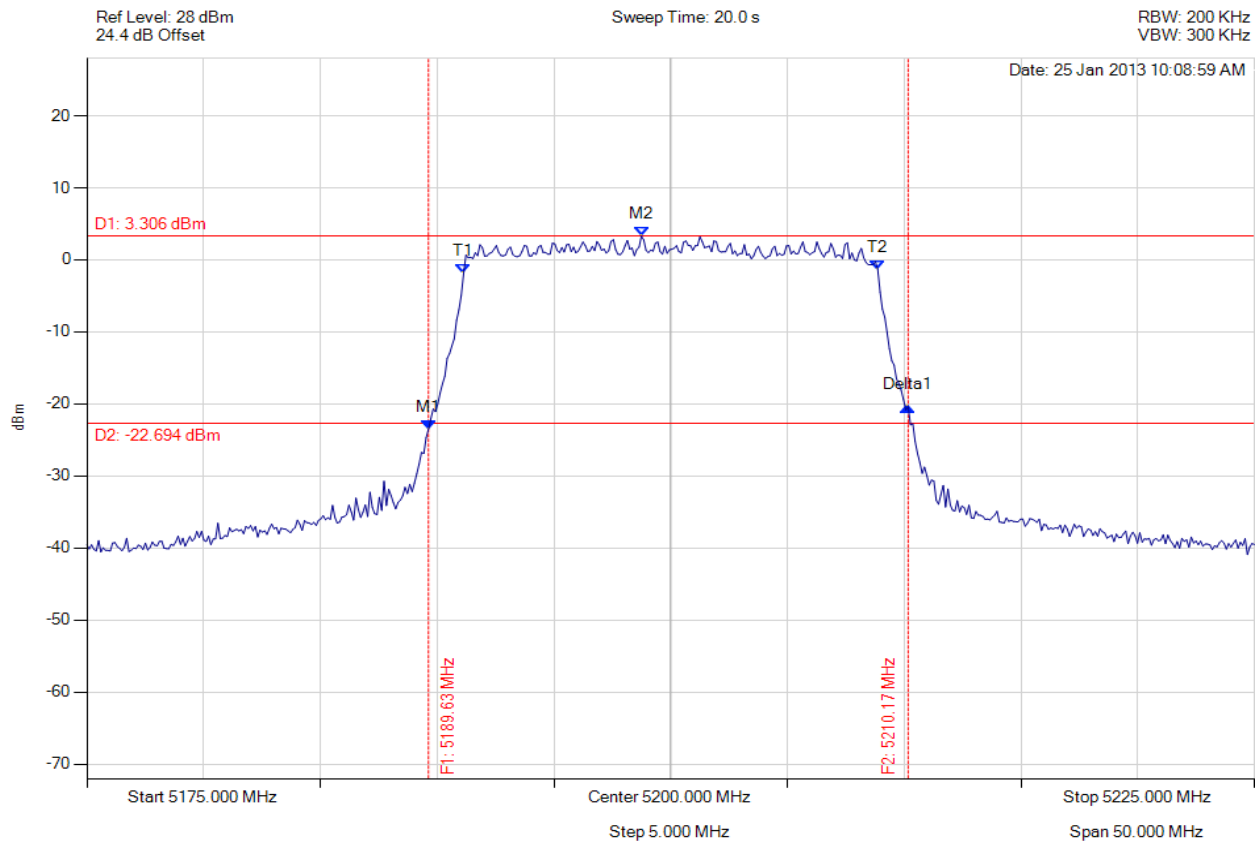


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5200.00 MHz, Chain b, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5189.629 MHz : -23.484 dBm M2 : 5198.747 MHz : 3.306 dBm Delta1 : 20.541 MHz : 3.093 dB T1 : 5191.132 MHz : -1.888 dBm T2 : 5208.868 MHz : -1.312 dBm OBW : 17.735 MHz	Measured 26 dB Bandwidth: 20.541 MHz Measured 99% Bandwidth: 17.735 MHz

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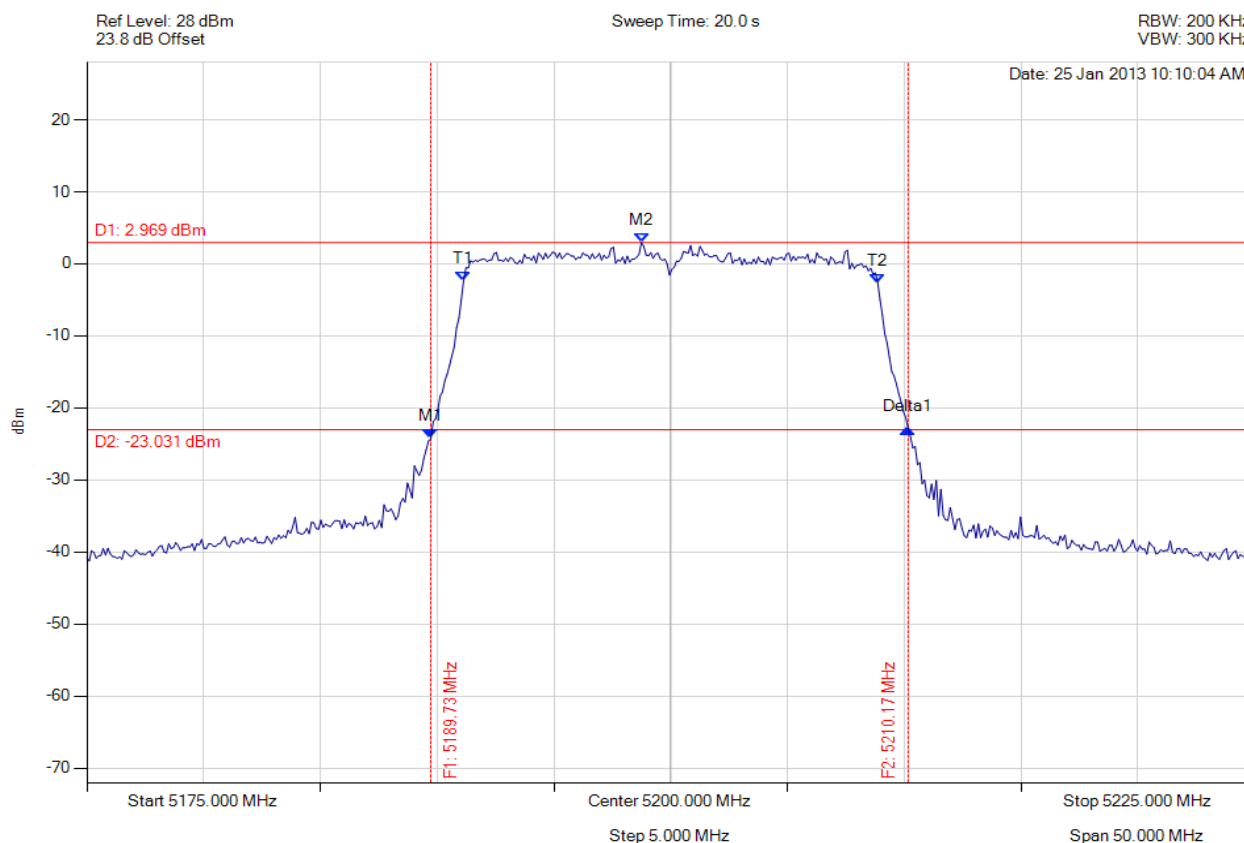


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5200.00 MHz, Chain c, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5189.729 MHz : -24.279 dBm M2 : 5198.747 MHz : 2.969 dBm Delta1 : 20.441 MHz : 1.415 dB T1 : 5191.132 MHz : -2.309 dBm T2 : 5208.868 MHz : -2.636 dBm OBW : 17.735 MHz	Measured 26 dB Bandwidth: 20.441 MHz Measured 99% Bandwidth: 17.735 MHz

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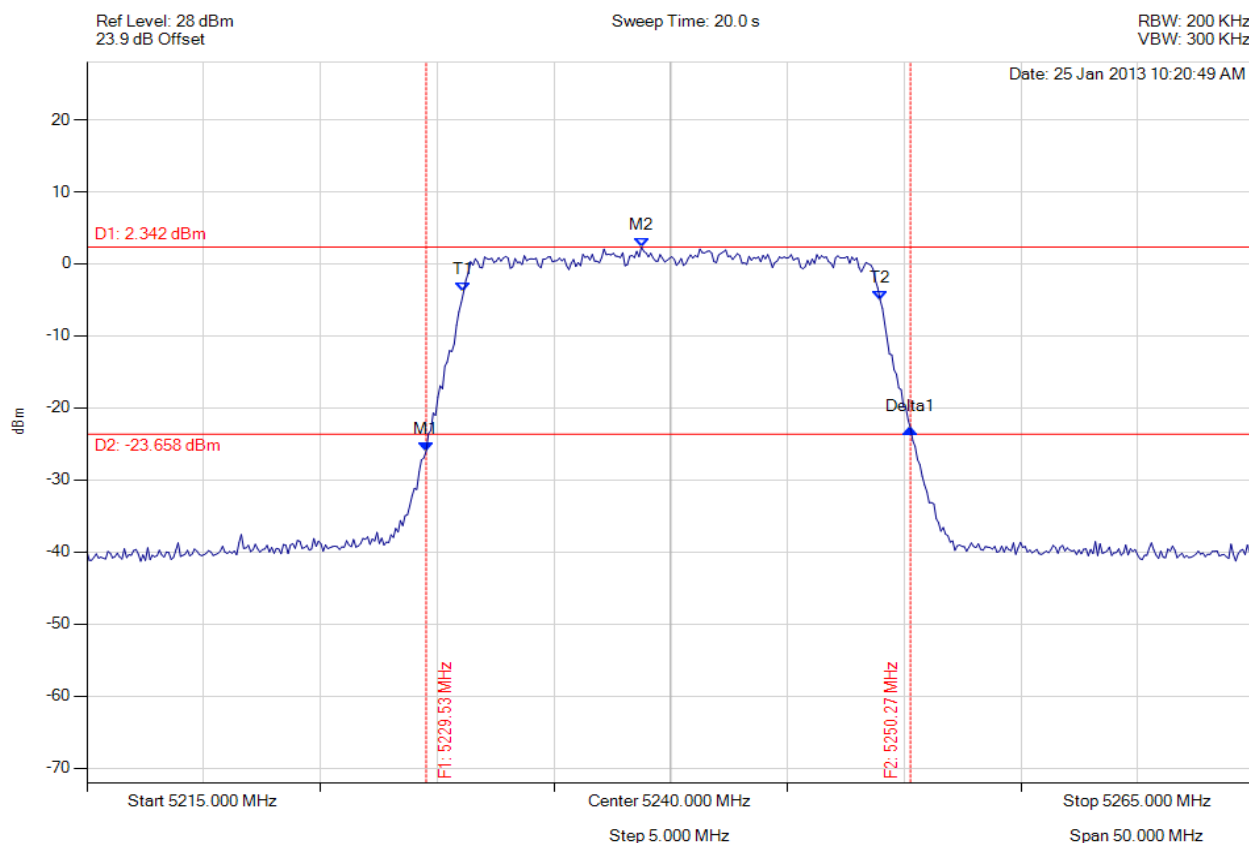


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
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26 dB & 99% BANDWIDTH

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



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5229.529 MHz : -26.031 dBm M2 : 5238.747 MHz : 2.342 dBm Delta1 : 20.741 MHz : 3.191 dB T1 : 5231.132 MHz : -3.881 dBm T2 : 5248.968 MHz : -5.000 dBm OBW : 17.836 MHz	Measured 26 dB Bandwidth: 20.741 MHz Measured 99% Bandwidth: 17.836 MHz

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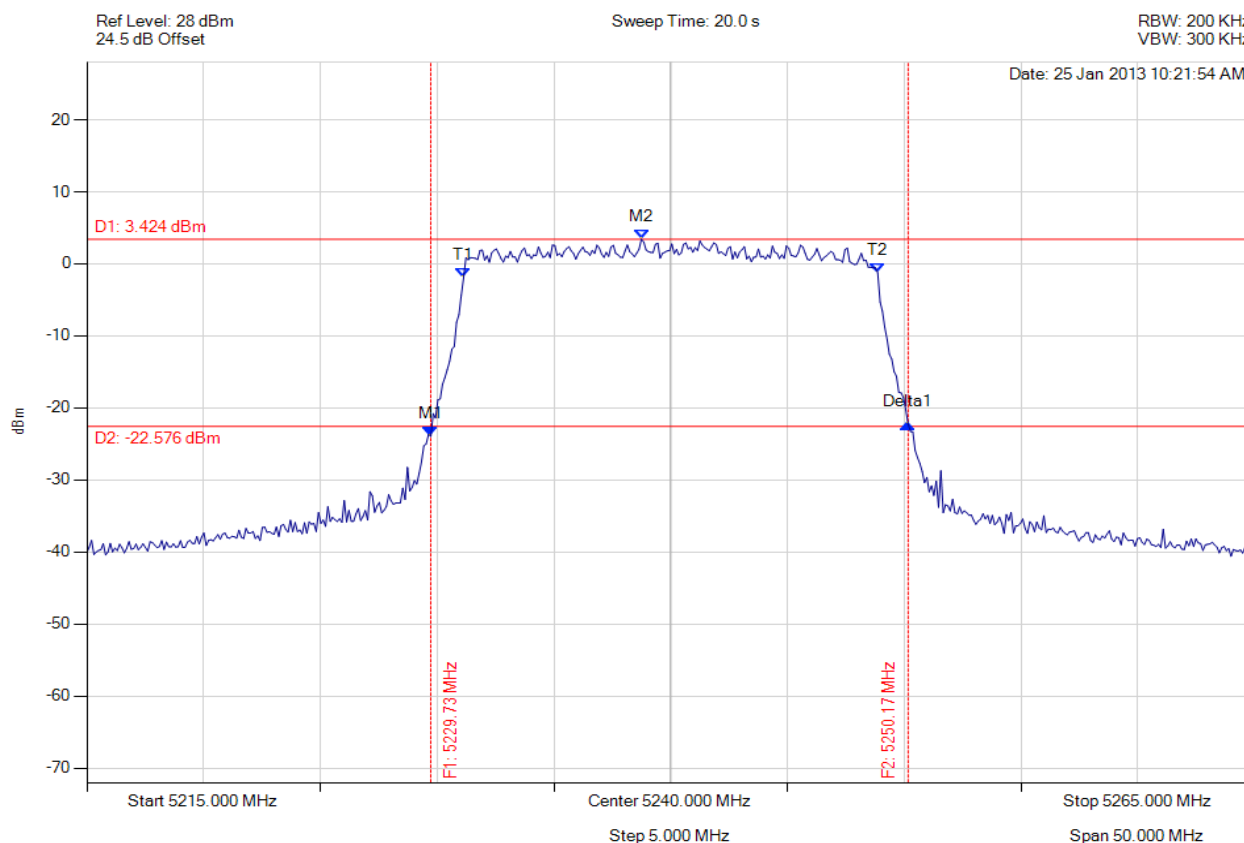


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5240.00 MHz, Chain b, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5229.729 MHz : -23.944 dBm M2 : 5238.747 MHz : 3.424 dBm Delta1 : 20.441 MHz : 1.700 dB T1 : 5231.132 MHz : -1.900 dBm T2 : 5248.868 MHz : -1.253 dBm OBW : 17.735 MHz	Measured 26 dB Bandwidth: 20.441 MHz Measured 99% Bandwidth: 17.735 MHz

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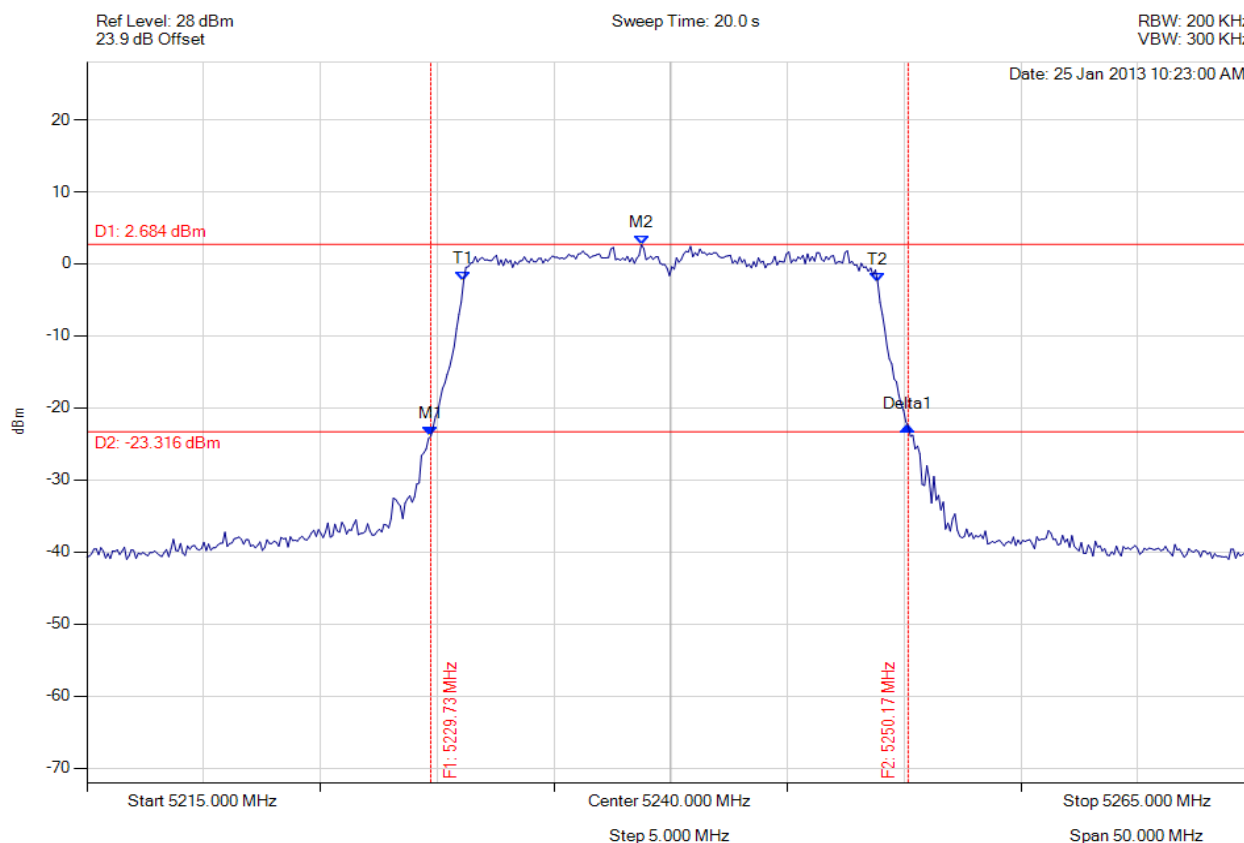


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5240.00 MHz, Chain c, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5229.729 MHz : -23.924 dBm M2 : 5238.747 MHz : 2.684 dBm Delta1 : 20.441 MHz : 1.383 dB T1 : 5231.132 MHz : -2.350 dBm T2 : 5248.868 MHz : -2.596 dBm OBW : 17.735 MHz	Measured 26 dB Bandwidth: 20.441 MHz Measured 99% Bandwidth: 17.735 MHz

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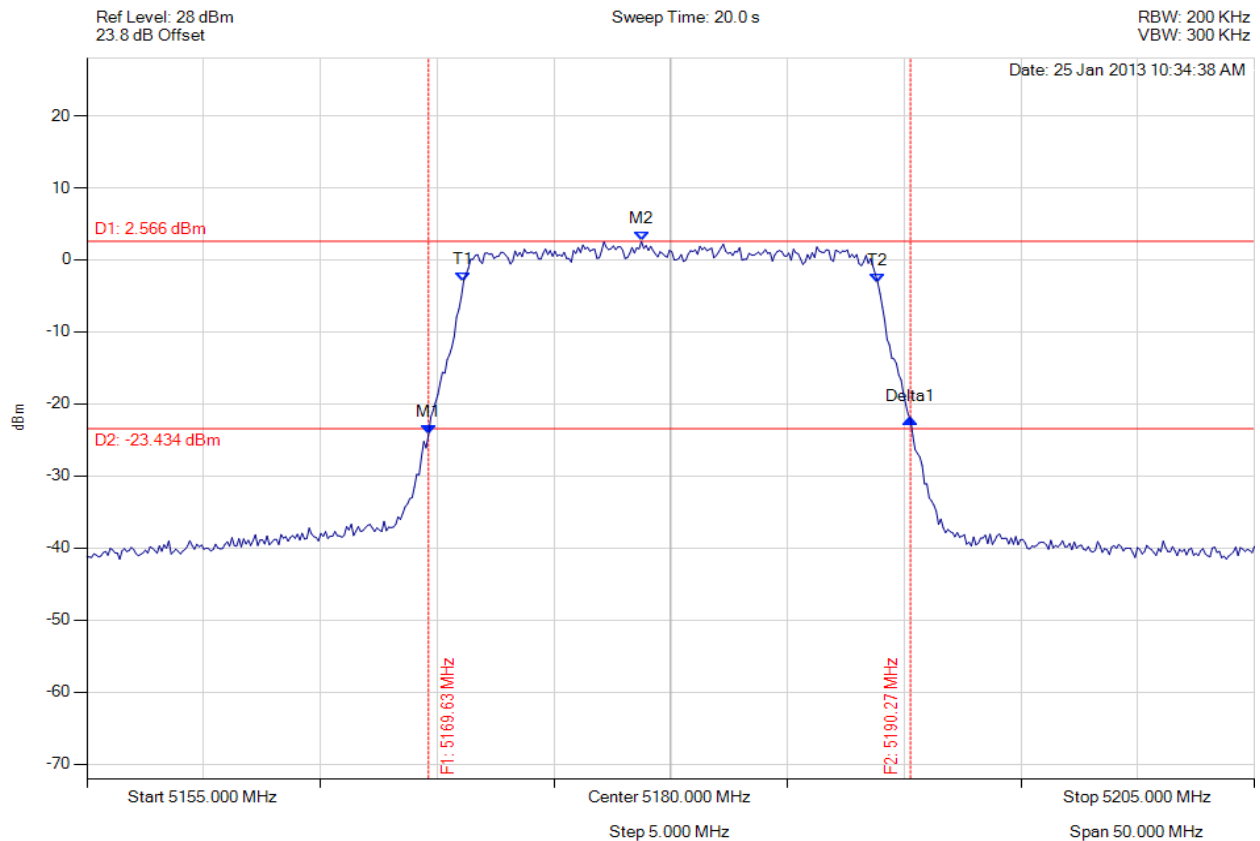


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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26 dB & 99% BANDWIDTH

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



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5169.629 MHz : -24.235 dBm M2 : 5178.747 MHz : 2.566 dBm Delta1 : 20.641 MHz : 2.150 dB T1 : 5171.132 MHz : -2.968 dBm T2 : 5188.868 MHz : -3.165 dBm OBW : 17.735 MHz	Measured 26 dB Bandwidth: 20.641 MHz Measured 99% Bandwidth: 17.735 MHz

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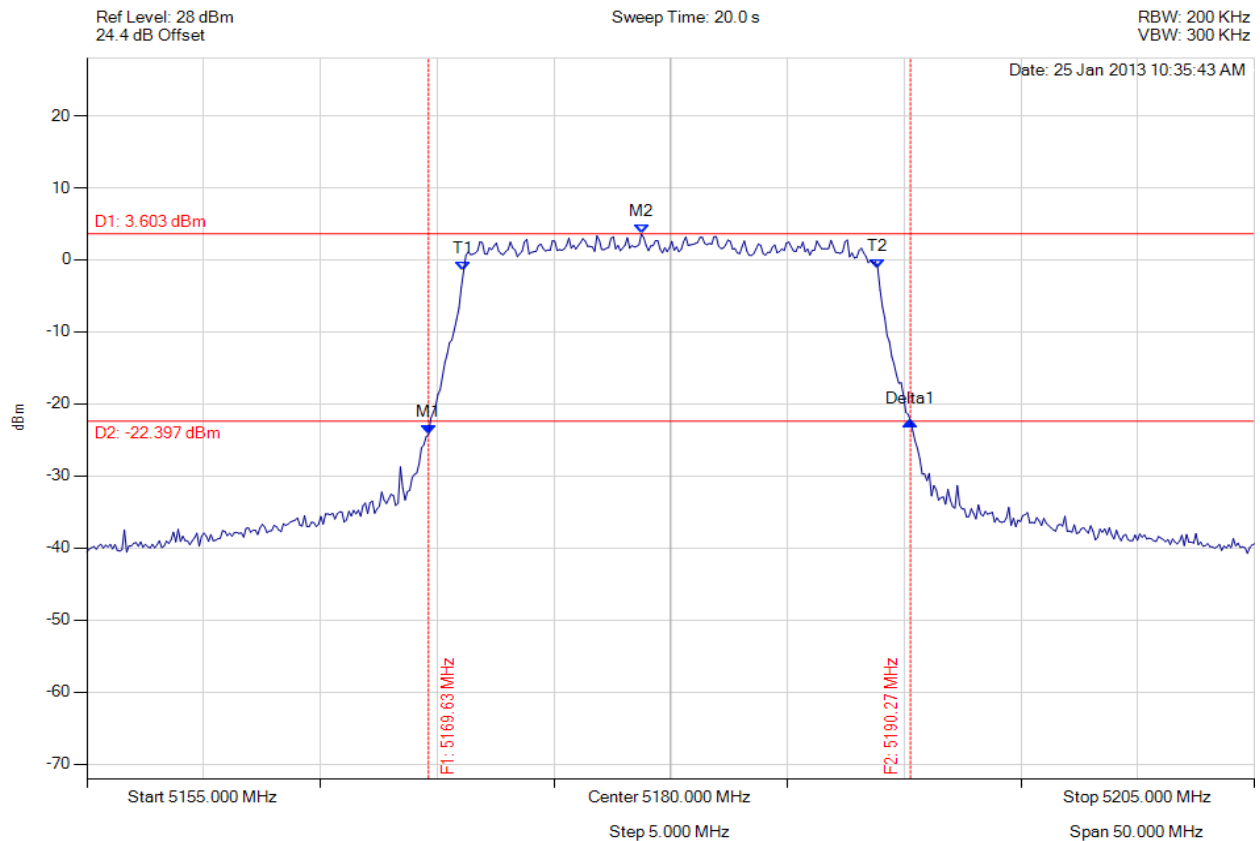


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5180.00 MHz, Chain b, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5169.629 MHz : -24.214 dBm M2 : 5178.747 MHz : 3.603 dBm Delta1 : 20.641 MHz : 1.828 dB T1 : 5171.132 MHz : -1.544 dBm T2 : 5188.868 MHz : -1.154 dBm OBW : 17.735 MHz	Measured 26 dB Bandwidth: 20.641 MHz Measured 99% Bandwidth: 17.735 MHz

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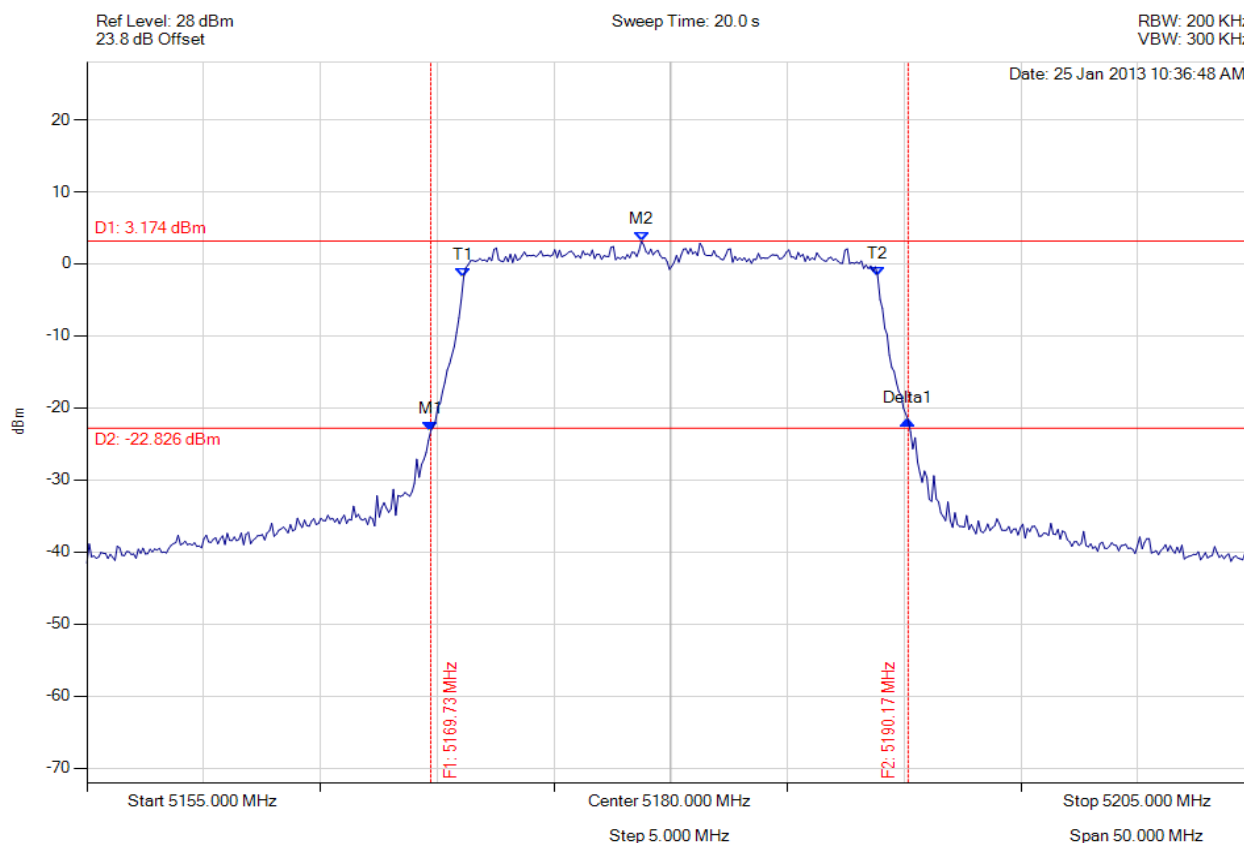


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5180.00 MHz, Chain c, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5169.729 MHz : -23.171 dBm M2 : 5178.747 MHz : 3.174 dBm Delta1 : 20.441 MHz : 1.458 dB T1 : 5171.132 MHz : -1.878 dBm T2 : 5188.868 MHz : -1.772 dBm OBW : 17.735 MHz	Measured 26 dB Bandwidth: 20.441 MHz Measured 99% Bandwidth: 17.735 MHz

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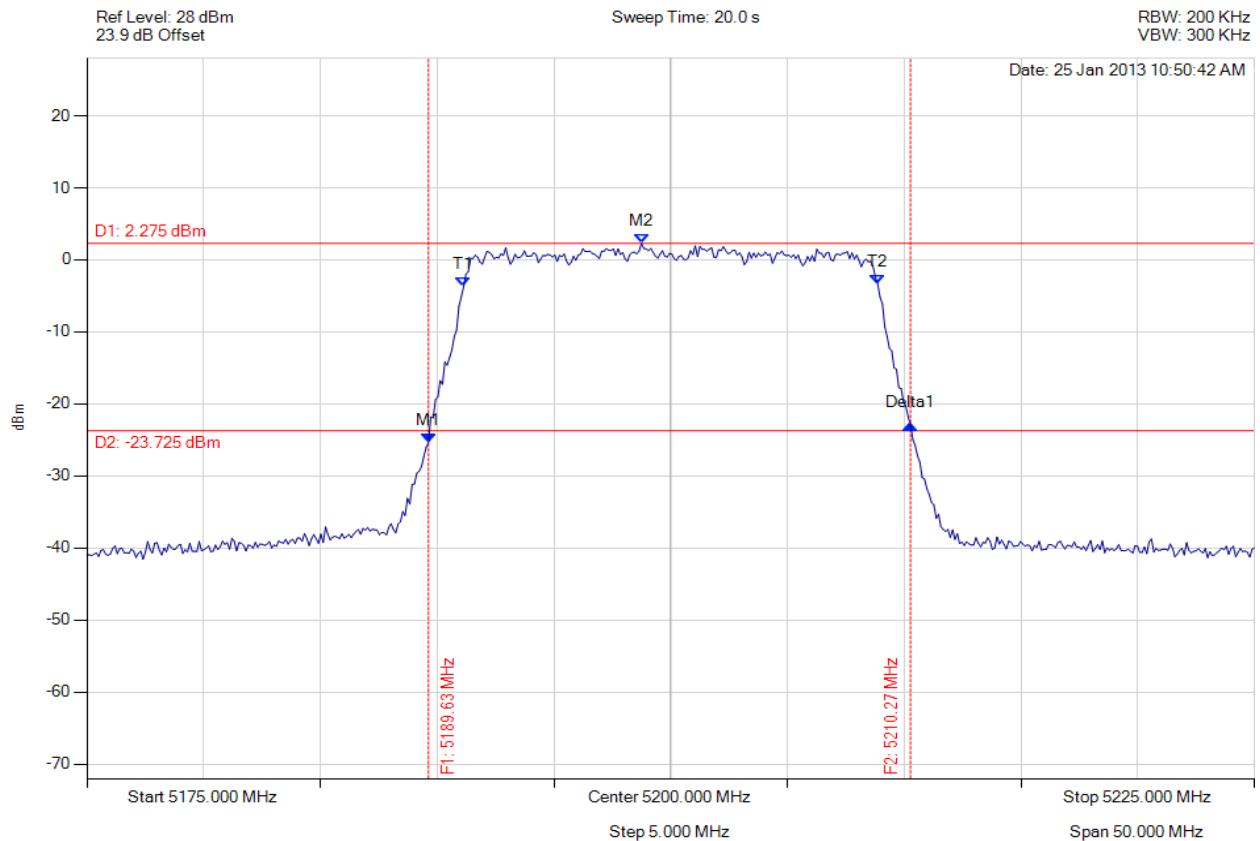


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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26 dB & 99% BANDWIDTH

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



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5189.629 MHz : -25.333 dBm M2 : 5198.747 MHz : 2.275 dBm Delta1 : 20.641 MHz : 2.402 dB T1 : 5191.132 MHz : -3.733 dBm T2 : 5208.868 MHz : -3.360 dBm OBW : 17.735 MHz	Measured 26 dB Bandwidth: 20.641 MHz Measured 99% Bandwidth: 17.735 MHz

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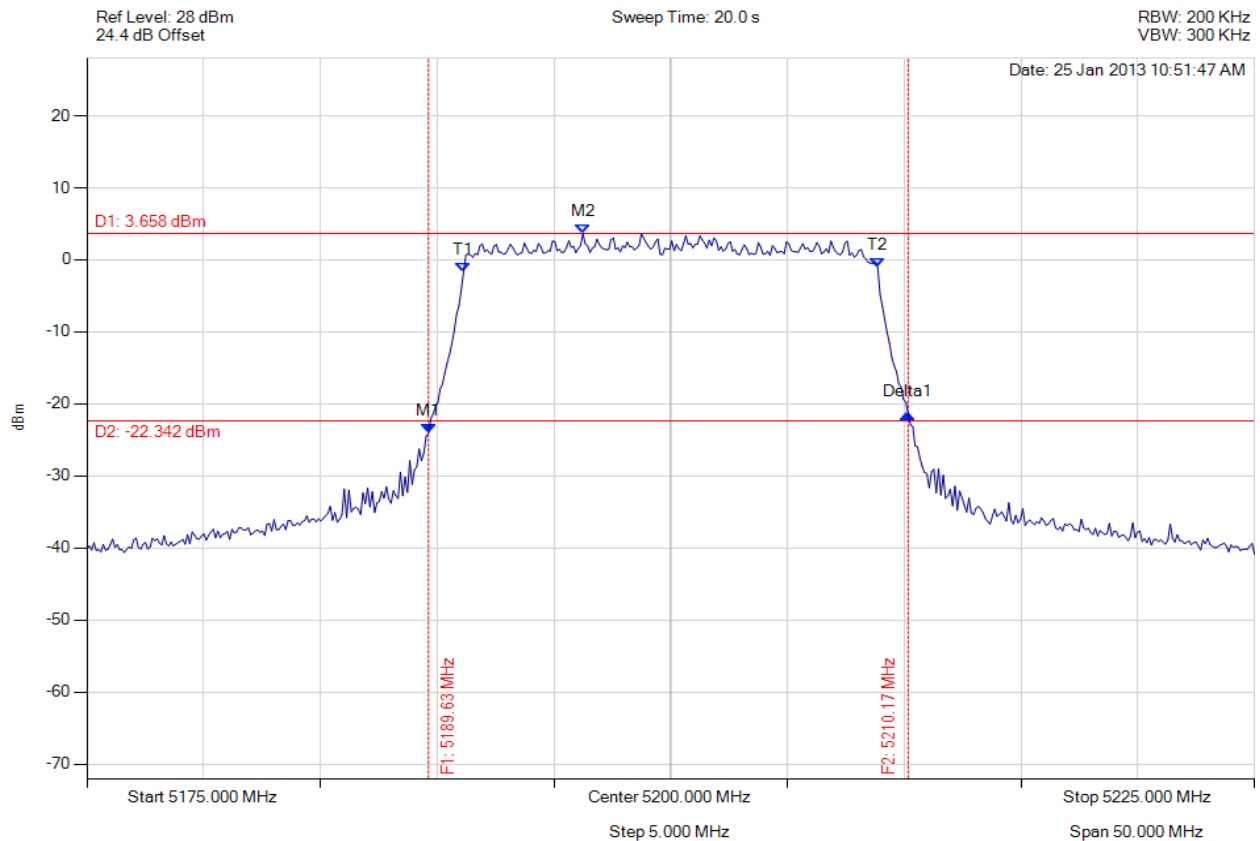


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5200.00 MHz, Chain b, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5189.629 MHz : -24.033 dBm M2 : 5196.242 MHz : 3.658 dBm Delta1 : 20.541 MHz : 2.656 dB T1 : 5191.132 MHz : -1.636 dBm T2 : 5208.868 MHz : -1.076 dBm OBW : 17.735 MHz	Measured 26 dB Bandwidth: 20.541 MHz Measured 99% Bandwidth: 17.735 MHz

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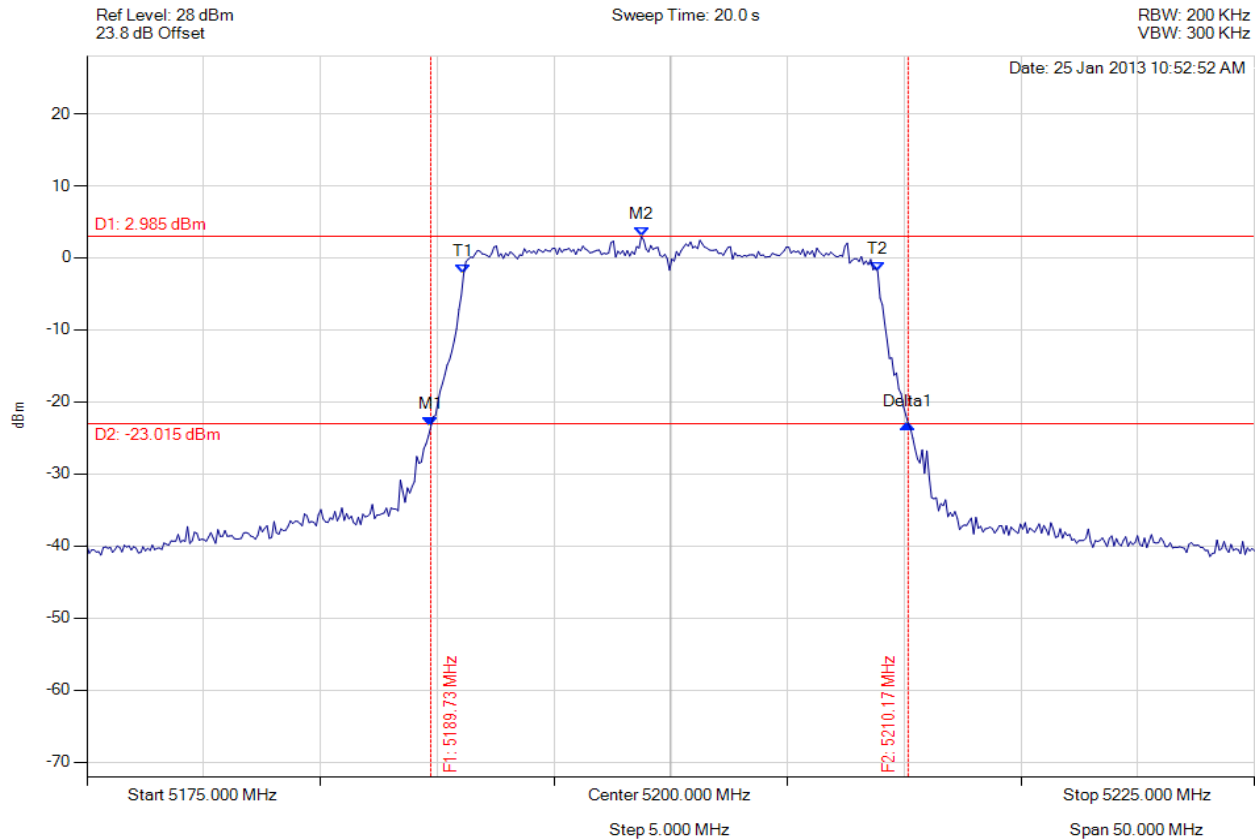


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5200.00 MHz, Chain c, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5189.729 MHz : -23.444 dBm M2 : 5198.747 MHz : 2.985 dBm Delta1 : 20.441 MHz : 0.439 dB T1 : 5191.132 MHz : -2.268 dBm T2 : 5208.868 MHz : -1.912 dBm OBW : 17.735 MHz	Measured 26 dB Bandwidth: 20.441 MHz Measured 99% Bandwidth: 17.735 MHz

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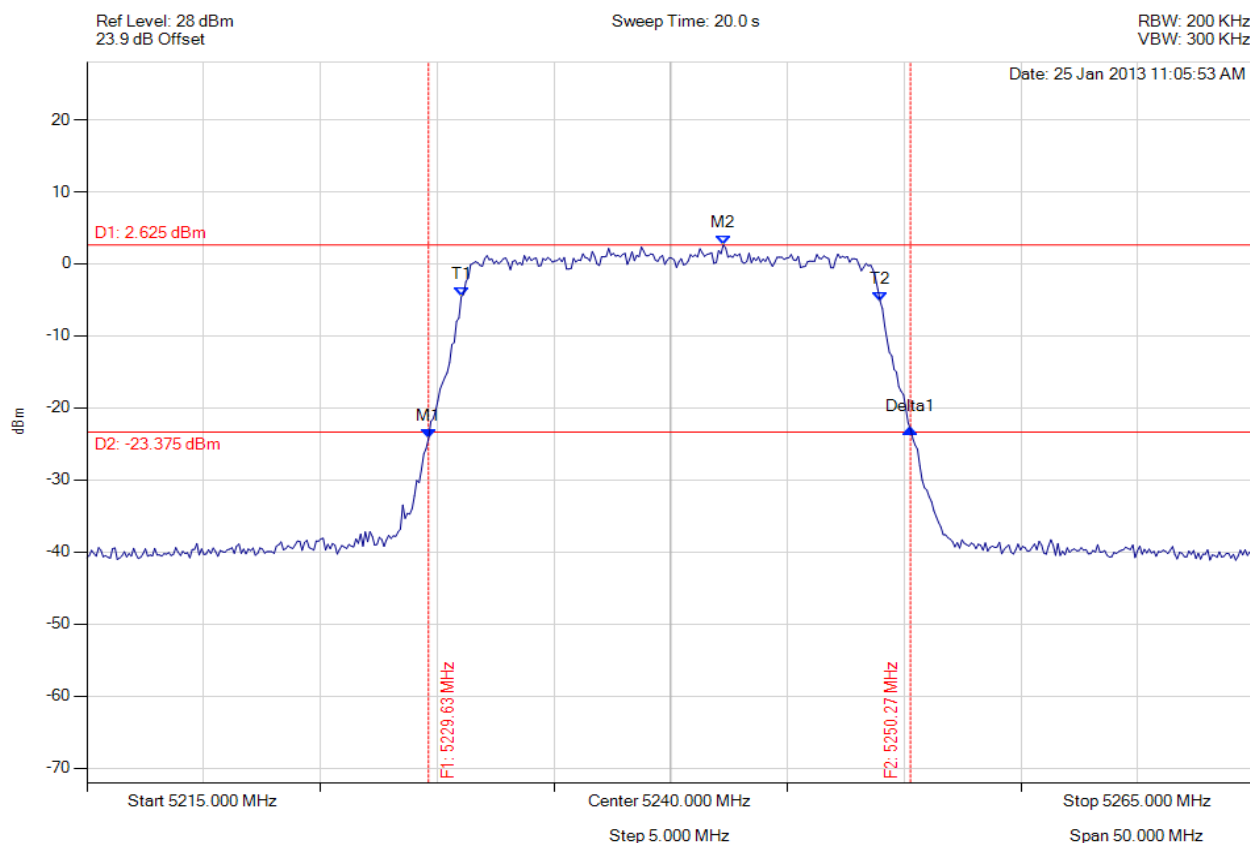


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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26 dB & 99% BANDWIDTH

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



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5229.629 MHz : -24.255 dBm M2 : 5242.255 MHz : 2.625 dBm Delta1 : 20.641 MHz : 1.328 dB T1 : 5231.032 MHz : -4.570 dBm T2 : 5248.968 MHz : -5.187 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 20.641 MHz Measured 99% Bandwidth: 17.936 MHz

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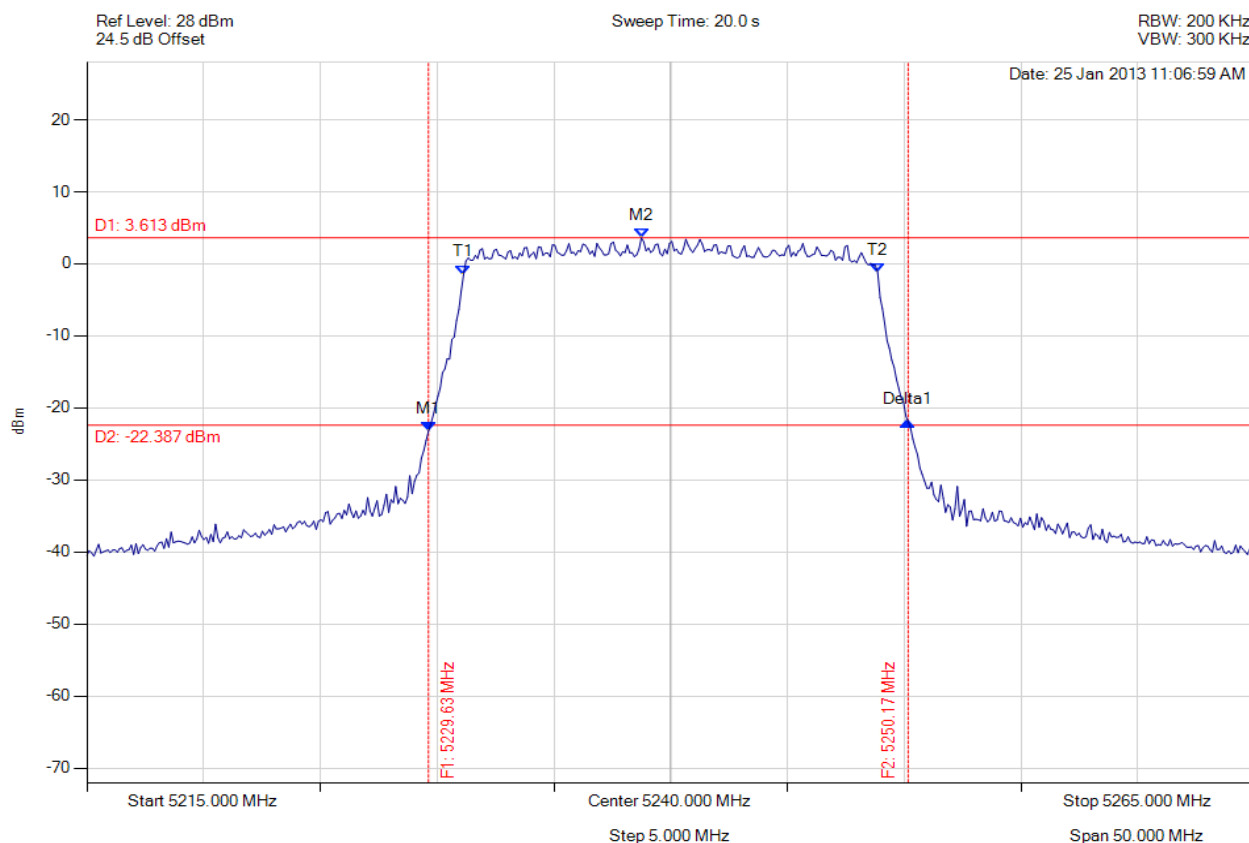


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5240.00 MHz, Chain b, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5229.629 MHz : -23.208 dBm M2 : 5238.747 MHz : 3.613 dBm Delta1 : 20.541 MHz : 1.255 dB T1 : 5231.132 MHz : -1.451 dBm T2 : 5248.868 MHz : -1.255 dBm OBW : 17.735 MHz	Measured 26 dB Bandwidth: 20.541 MHz Measured 99% Bandwidth: 17.735 MHz

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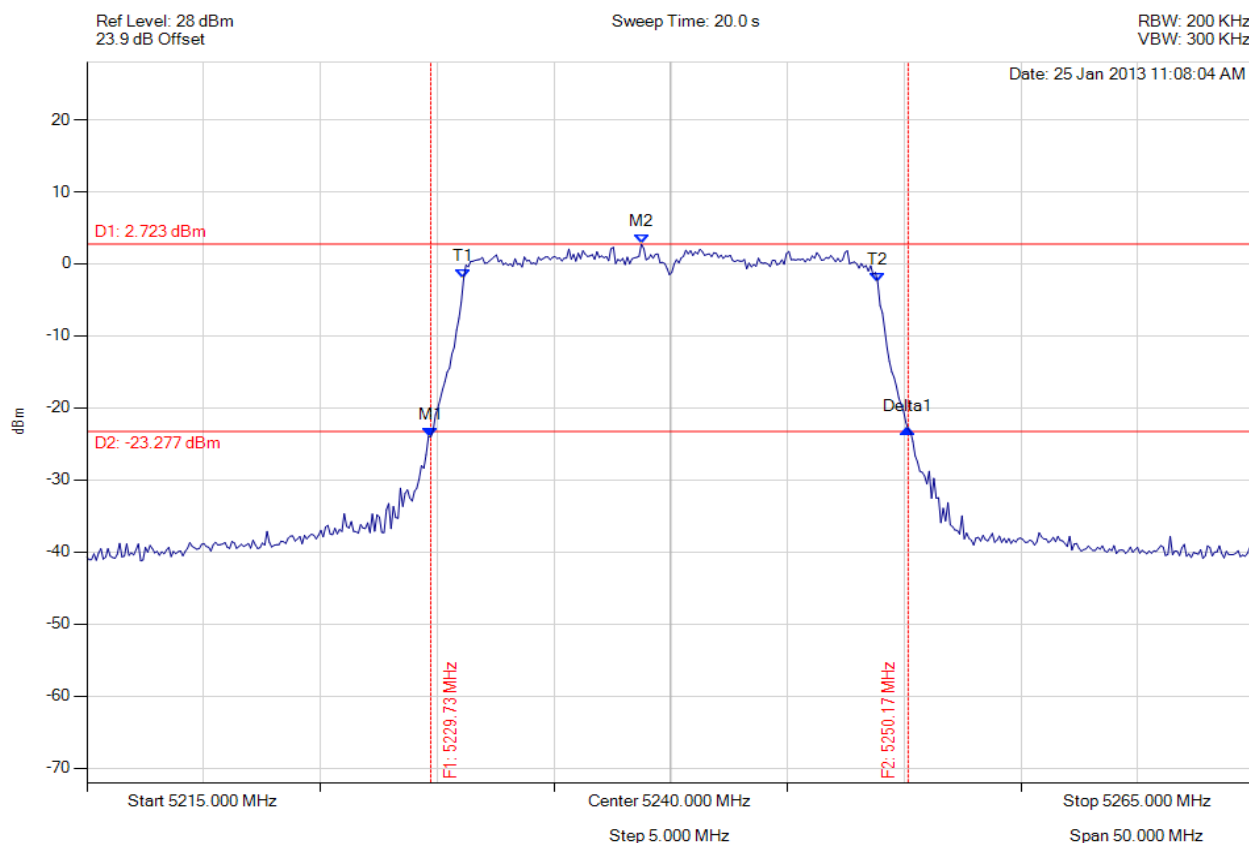


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5240.00 MHz, Chain c, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5229.729 MHz : -24.025 dBm M2 : 5238.747 MHz : 2.723 dBm Delta1 : 20.441 MHz : 1.112 dB T1 : 5231.132 MHz : -2.091 dBm T2 : 5248.868 MHz : -2.612 dBm OBW : 17.735 MHz	Measured 26 dB Bandwidth: 20.441 MHz Measured 99% Bandwidth: 17.735 MHz

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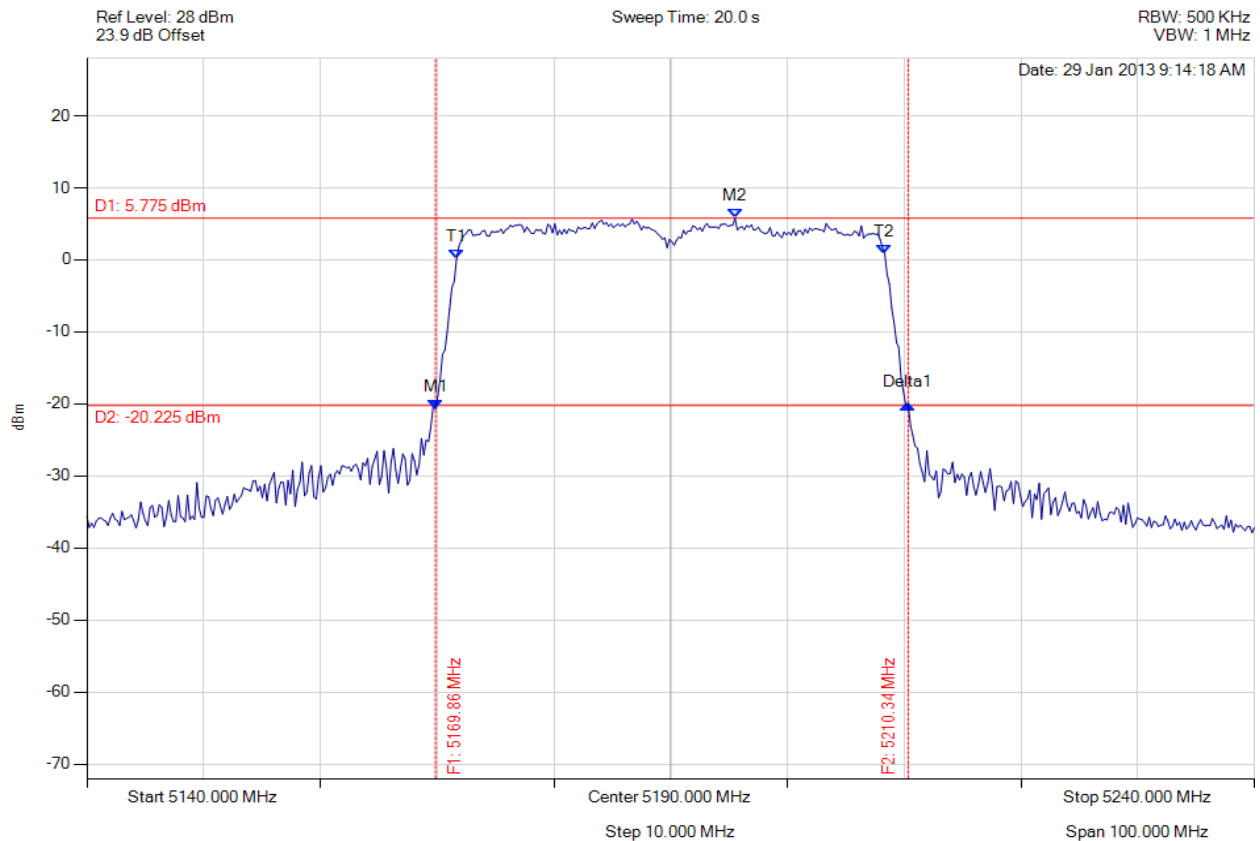


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5190.00 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 : 5169.860 MHz : -20.714 dBm M2 : 5195.511 MHz : 5.775 dBm Delta1 : 40.481 MHz : 0.665 dB T1 : 5171.663 MHz : 0.164 dBm T2 : 5208.337 MHz : 0.807 dBm OBW : 36.673 MHz	Measured 26 dB Bandwidth: 40.481 MHz Measured 99% Bandwidth: 36.673 MHz

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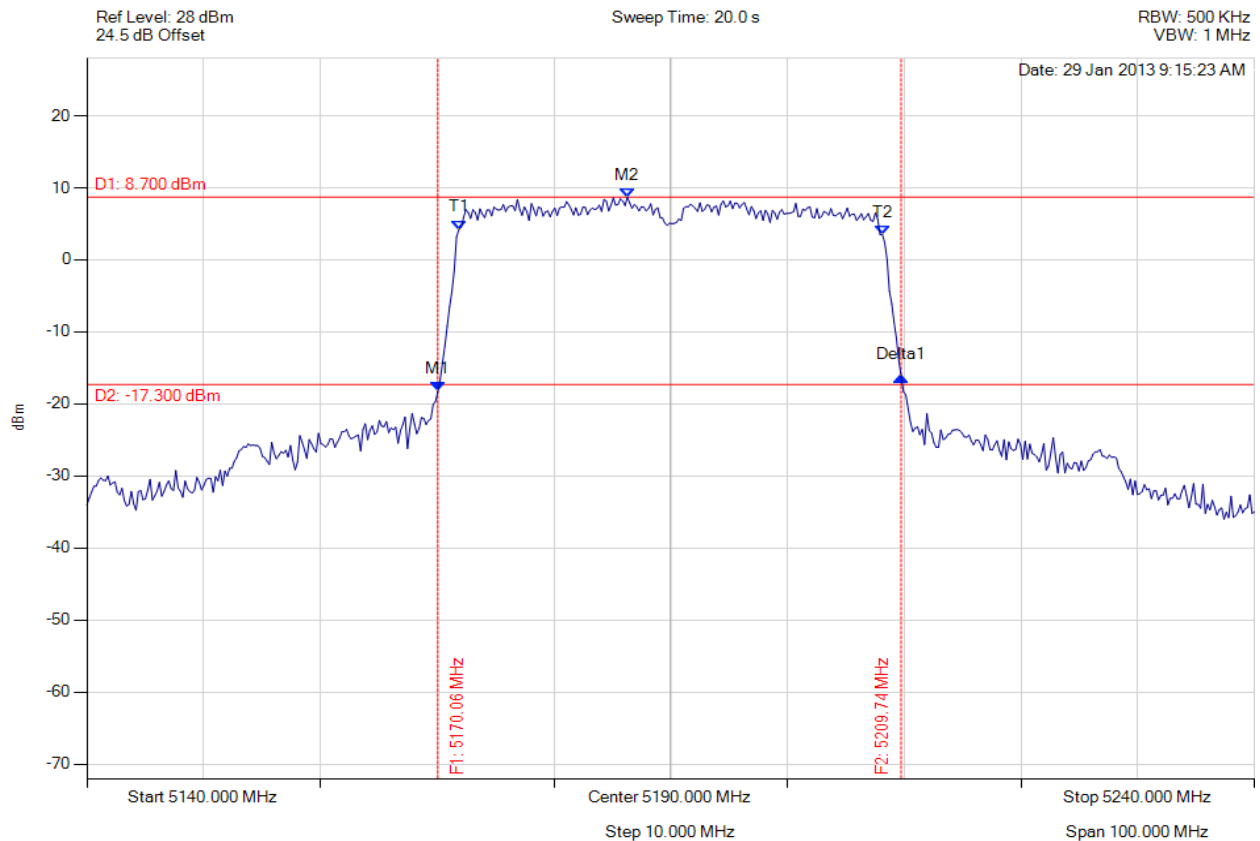


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5190.00 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 : 5170.060 MHz : -18.272 dBm M2 : 5186.293 MHz : 8.700 dBm Delta1 : 39.679 MHz : 2.091 dB T1 : 5171.864 MHz : 4.209 dBm T2 : 5208.136 MHz : 3.491 dBm OBW : 36.273 MHz	Measured 26 dB Bandwidth: 39.679 MHz Measured 99% Bandwidth: 36.273 MHz

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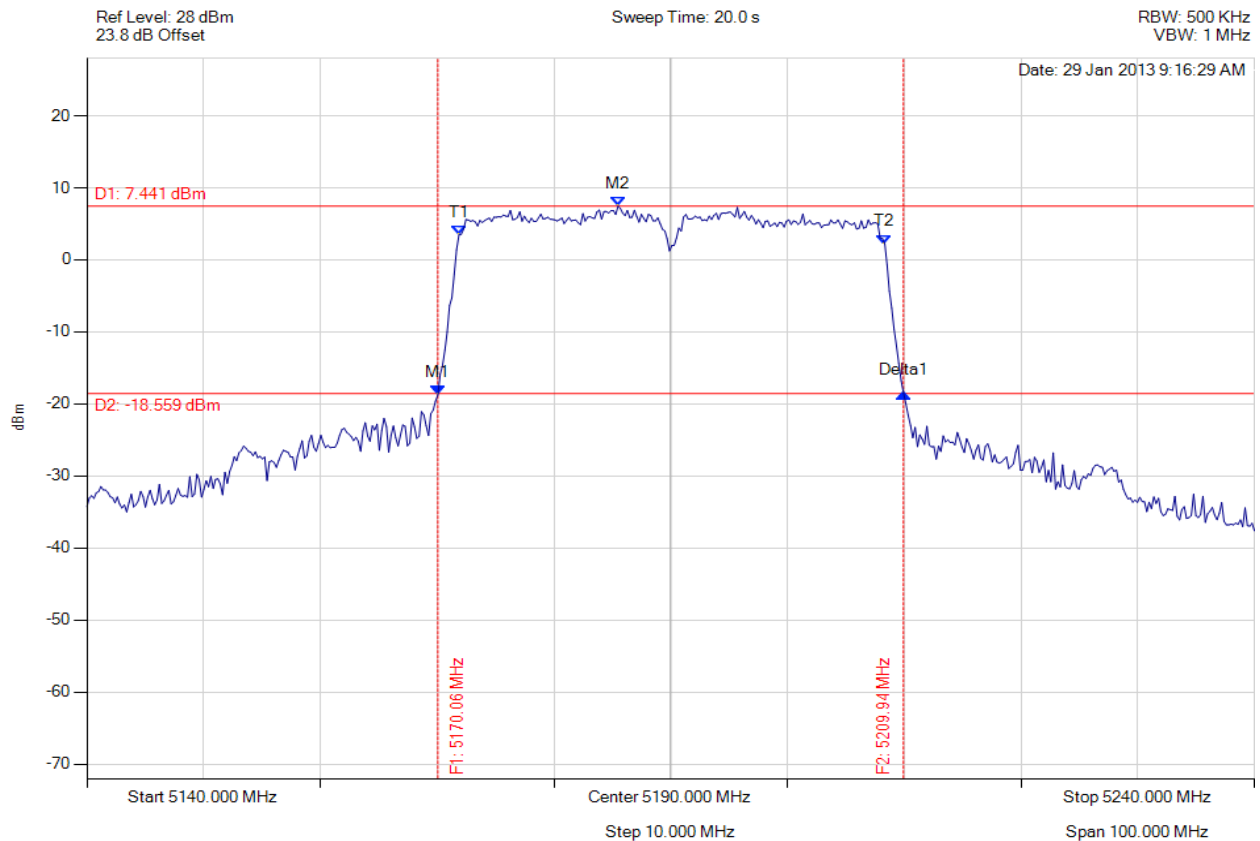


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5190.00 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 : 5170.060 MHz : -18.756 dBm M2 : 5185.491 MHz : 7.441 dBm Delta1 : 39.880 MHz : 0.291 dB T1 : 5171.864 MHz : 3.461 dBm T2 : 5208.337 MHz : 2.218 dBm OBW : 36.473 MHz	Measured 26 dB Bandwidth: 39.880 MHz Measured 99% Bandwidth: 36.473 MHz

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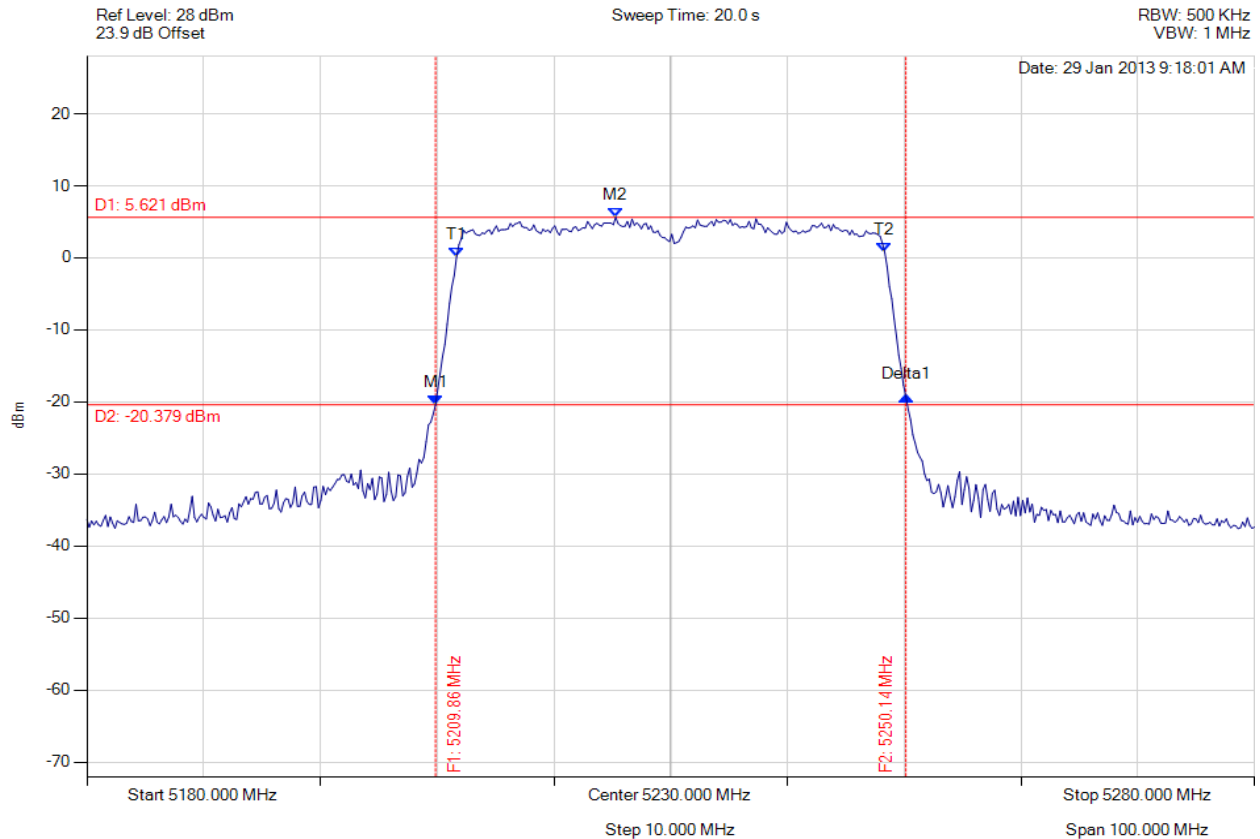


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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5230.00 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 : 5209.860 MHz : -20.419 dBm M2 : 5225.291 MHz : 5.621 dBm Delta1 : 40.281 MHz : 1.200 dB T1 : 5211.663 MHz : 0.140 dBm T2 : 5248.337 MHz : 0.734 dBm OBW : 36.673 MHz	Measured 26 dB Bandwidth: 40.281 MHz Measured 99% Bandwidth: 36.673 MHz

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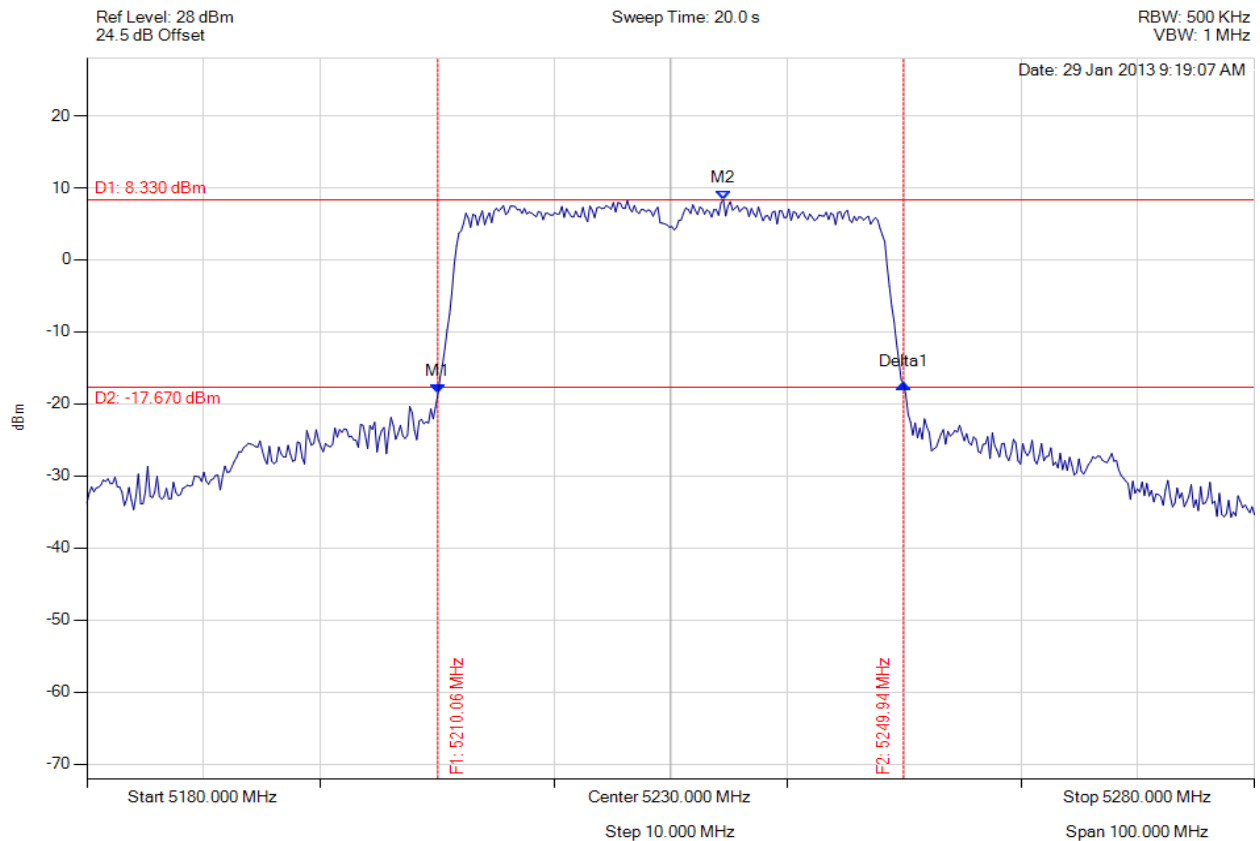


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5230.00 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 : 5210.060 MHz : -18.624 dBm M2 : 5234.509 MHz : 8.330 dBm Delta1 : 39.880 MHz : 1.444 dB T1 : 0 Hz : 500.000 dBm T2 : 0 Hz : 500.000 dBm OBW : 36.273 MHz	Measured 26 dB Bandwidth: 39.880 MHz Measured 99% Bandwidth: 36.273 MHz

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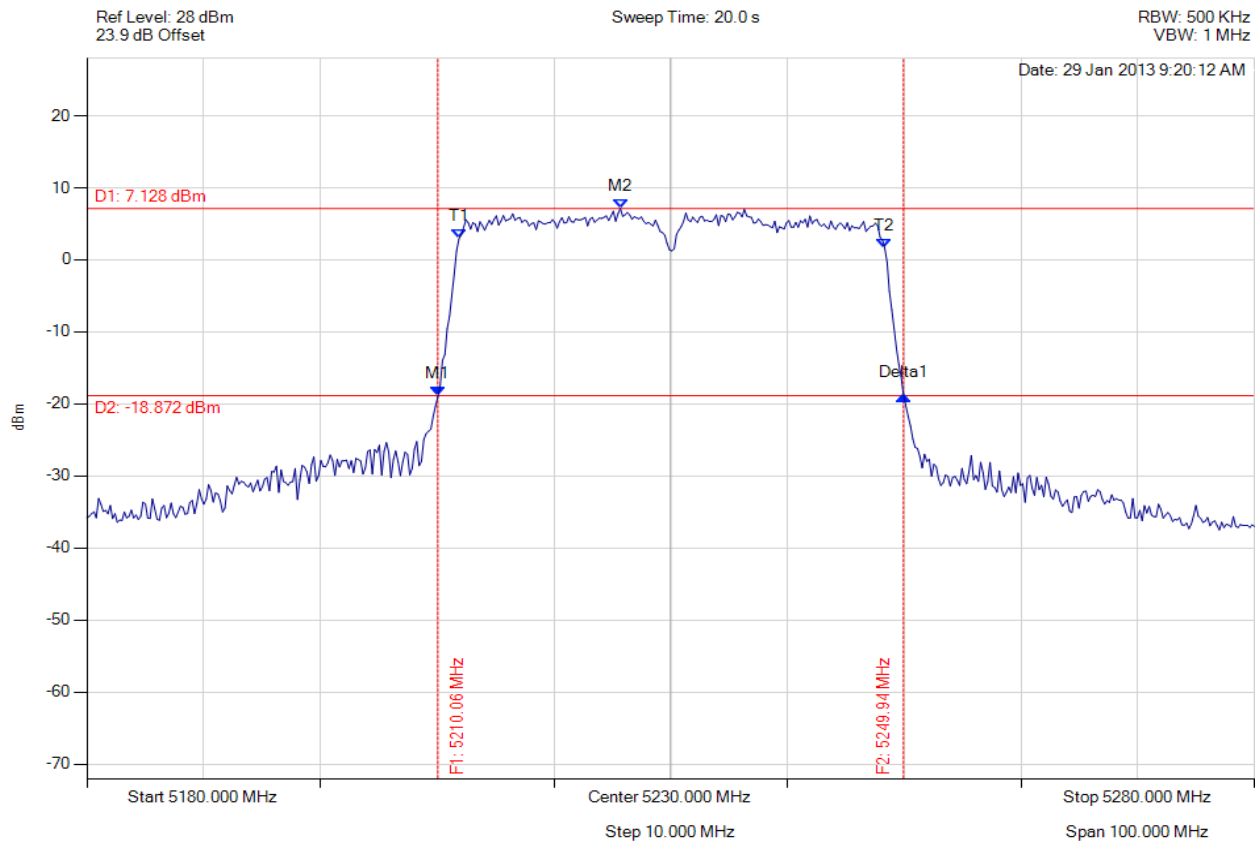


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5230.00 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 : 5210.060 MHz : -18.951 dBm M2 : 5225.691 MHz : 7.128 dBm Delta1 : 39.880 MHz : 0.153 dB T1 : 5211.864 MHz : 2.904 dBm T2 : 5248.337 MHz : 1.586 dBm OBW : 36.473 MHz	Measured 26 dB Bandwidth: 39.880 MHz Measured 99% Bandwidth: 36.473 MHz

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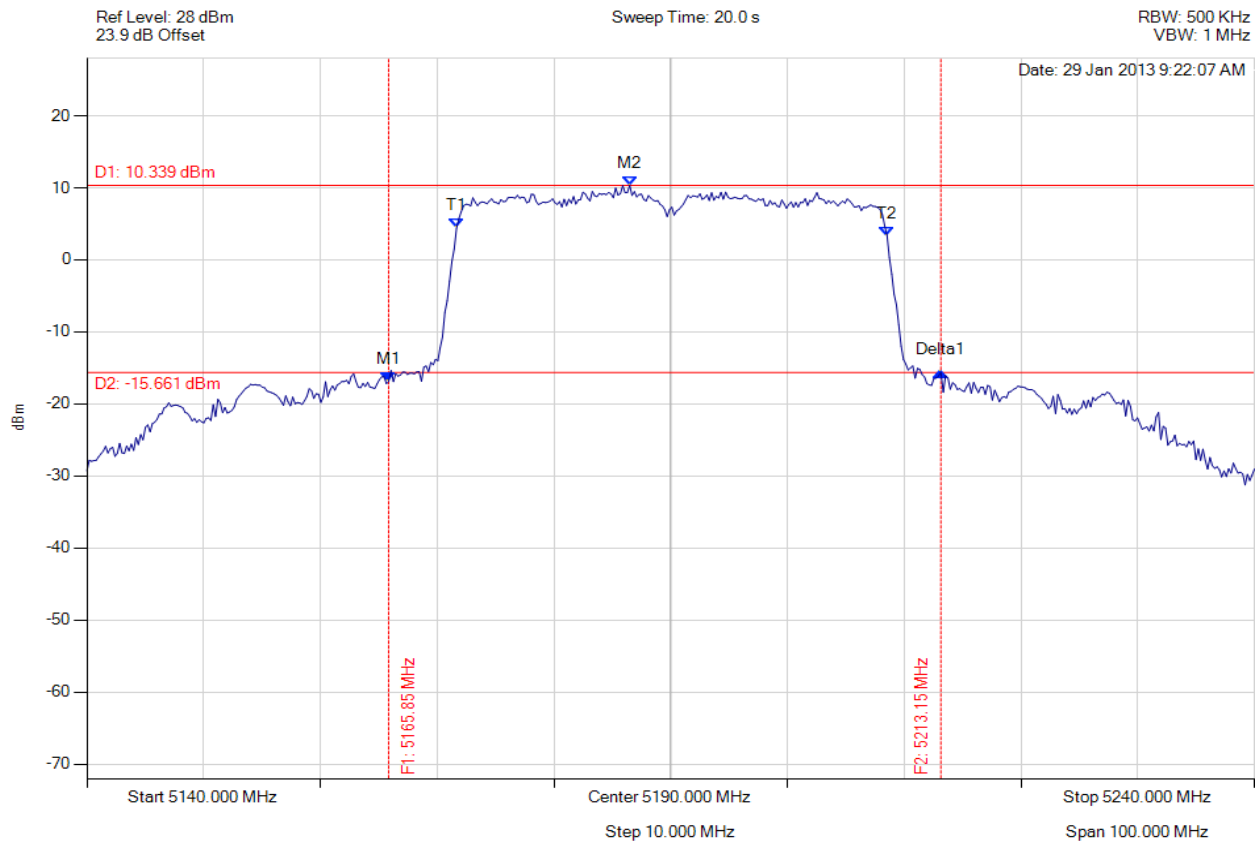


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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26 dB & 99% BANDWIDTH

Variant: 802.11ac-40, Channel: 5190.00 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 : 5165.852 MHz : -16.858 dBm M2 : 5186.493 MHz : 10.339 dBm Delta1 : 47.295 MHz : 1.241 dB T1 : 5171.663 MHz : 4.413 dBm T2 : 5208.537 MHz : 3.323 dBm OBW : 36.874 MHz	Measured 26 dB Bandwidth: 47.295 MHz Measured 99% Bandwidth: 36.874 MHz

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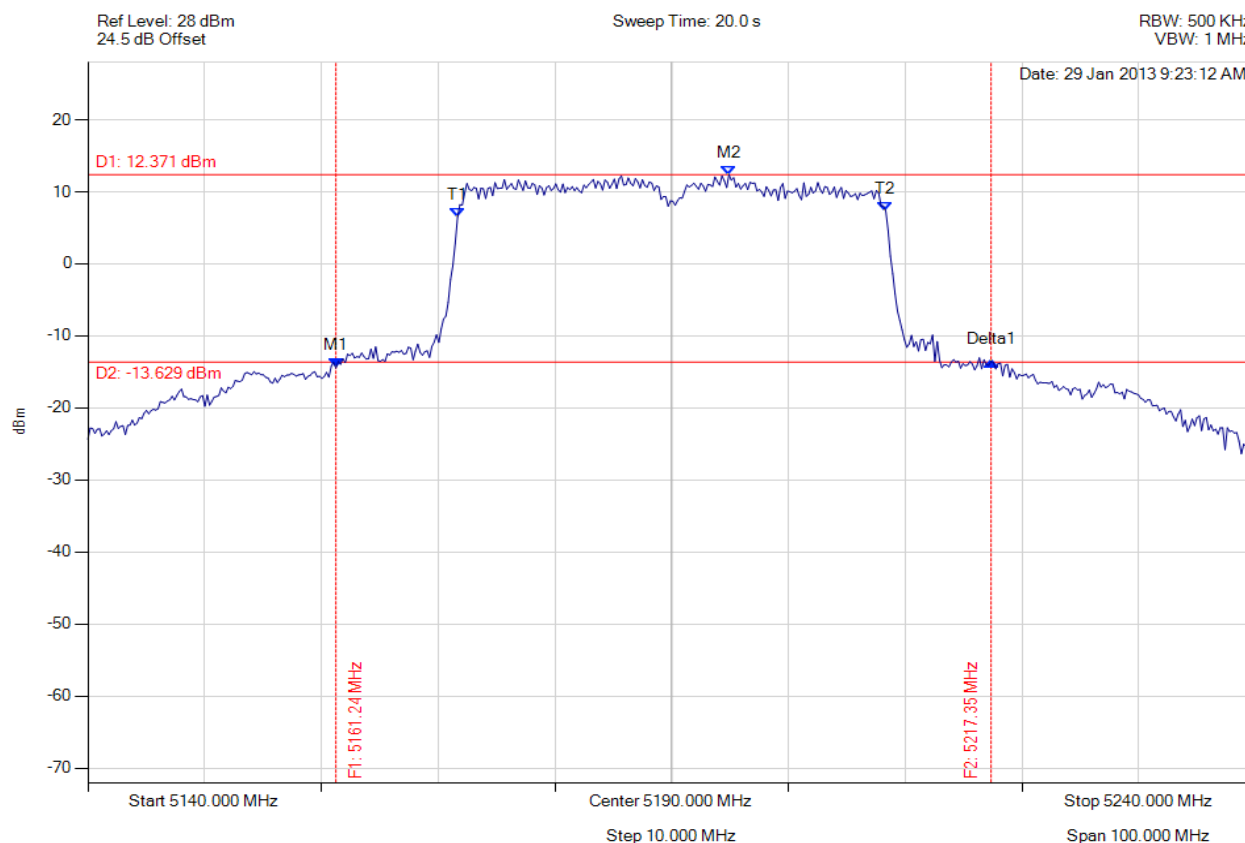


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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26 dB & 99% BANDWIDTH

Variant: 802.11ac-40, Channel: 5190.00 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 : 5161.242 MHz : -14.446 dBm M2 : 5194.910 MHz : 12.371 dBm Delta1 : 56.112 MHz : 0.895 dB T1 : 5171.663 MHz : 6.448 dBm T2 : 5208.337 MHz : 7.323 dBm OBW : 36.673 MHz	Measured 26 dB Bandwidth: 56.112 MHz Measured 99% Bandwidth: 36.673 MHz

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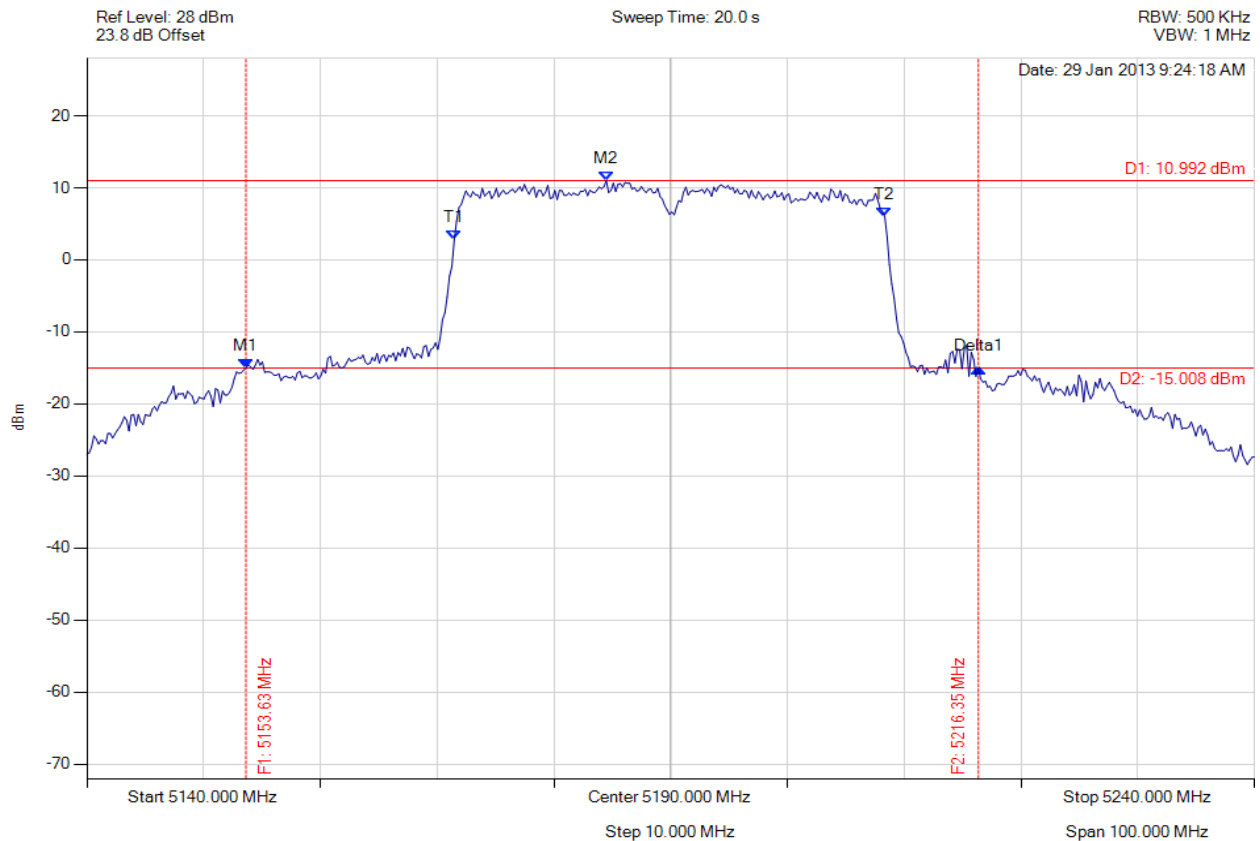


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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26 dB & 99% BANDWIDTH

Variant: 802.11ac-40, Channel: 5190.00 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 : 5153.627 MHz : -15.014 dBm M2 : 5184.489 MHz : 10.992 dBm Delta1 : 62.725 MHz : 0.006 dB T1 : 5171.463 MHz : 2.782 dBm T2 : 5208.337 MHz : 5.983 dBm OBW : 36.874 MHz	Measured 26 dB Bandwidth: 62.725 MHz Measured 99% Bandwidth: 36.874 MHz

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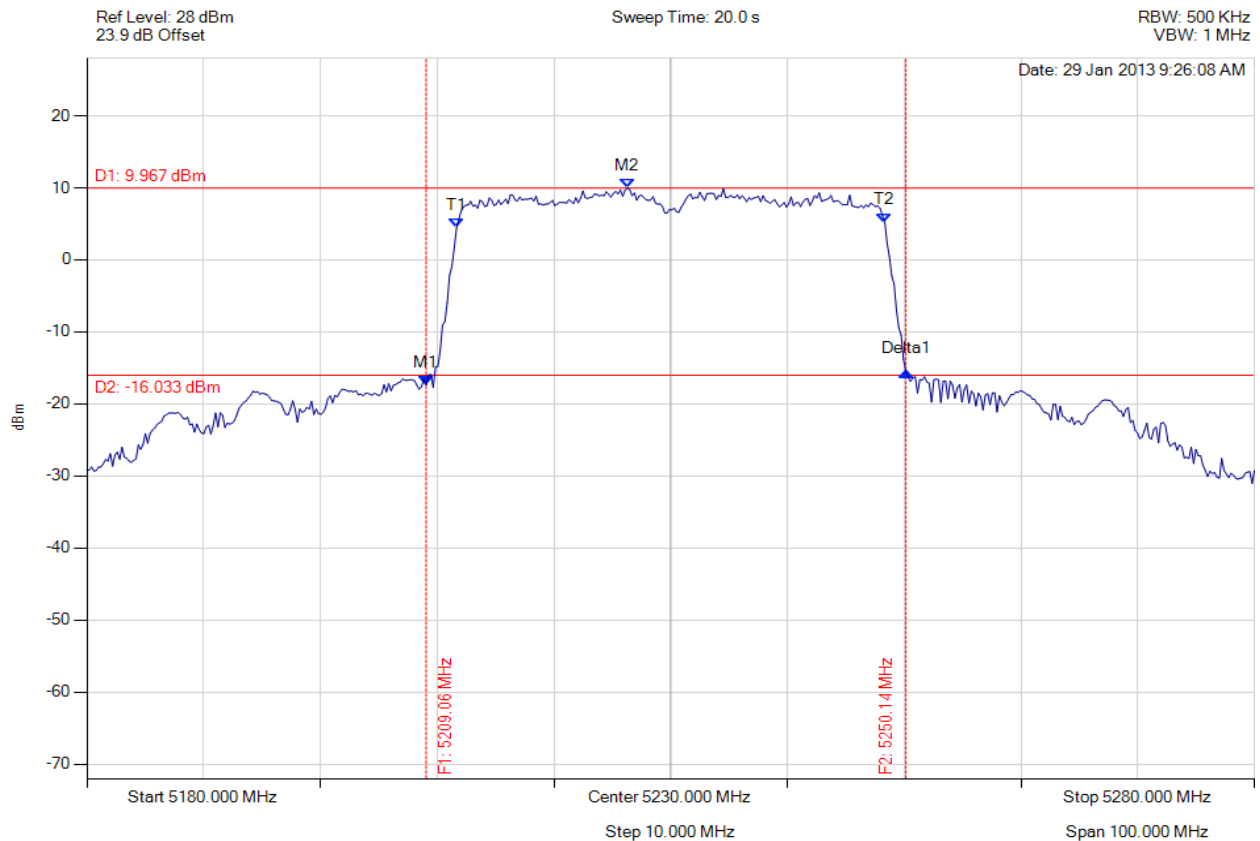


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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26 dB & 99% BANDWIDTH

Variant: 802.11ac-40, Channel: 5230.00 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 : 5209.058 MHz : -17.393 dBm M2 : 5226.293 MHz : 9.967 dBm Delta1 : 41.082 MHz : 1.924 dB T1 : 5211.663 MHz : 4.415 dBm T2 : 5248.337 MHz : 5.216 dBm OBW : 36.673 MHz	Measured 26 dB Bandwidth: 41.082 MHz Measured 99% Bandwidth: 36.673 MHz

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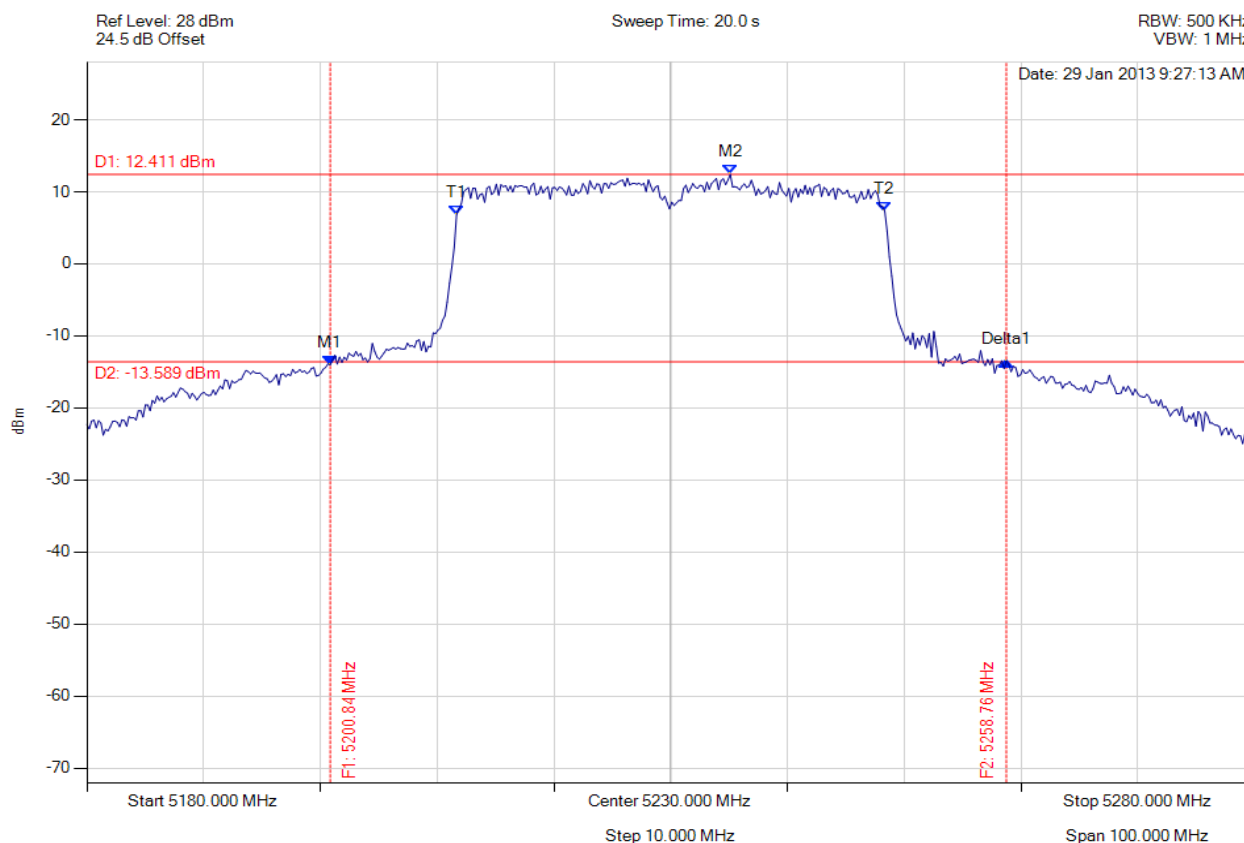


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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26 dB & 99% BANDWIDTH

Variant: 802.11ac-40, Channel: 5230.00 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 : 5200.842 MHz : -14.023 dBm M2 : 5235.110 MHz : 12.411 dBm Delta1 : 57.916 MHz : 0.535 dB T1 : 5211.663 MHz : 6.780 dBm T2 : 5248.337 MHz : 7.272 dBm OBW : 36.673 MHz	Measured 26 dB Bandwidth: 57.916 MHz Measured 99% Bandwidth: 36.673 MHz

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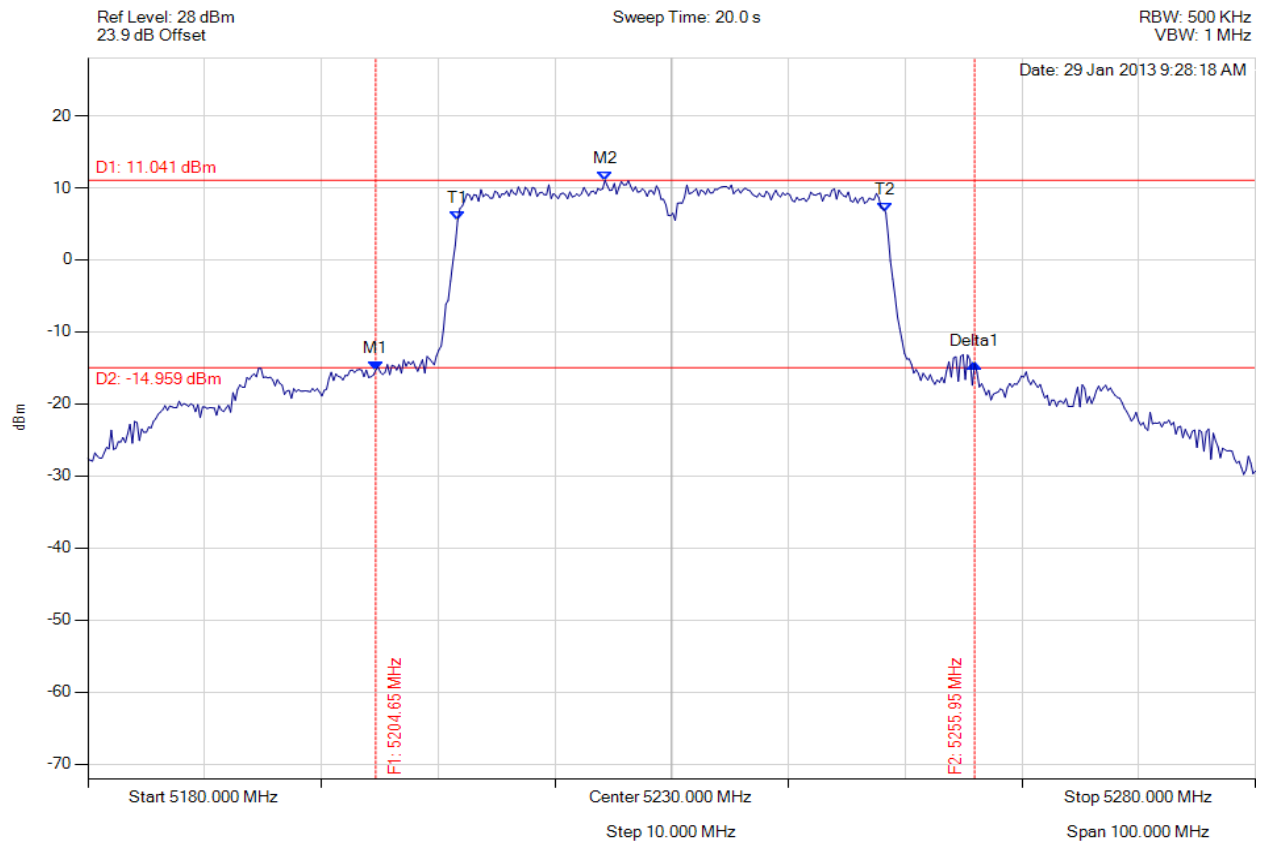


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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26 dB & 99% BANDWIDTH

Variant: 802.11ac-40, Channel: 5230.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



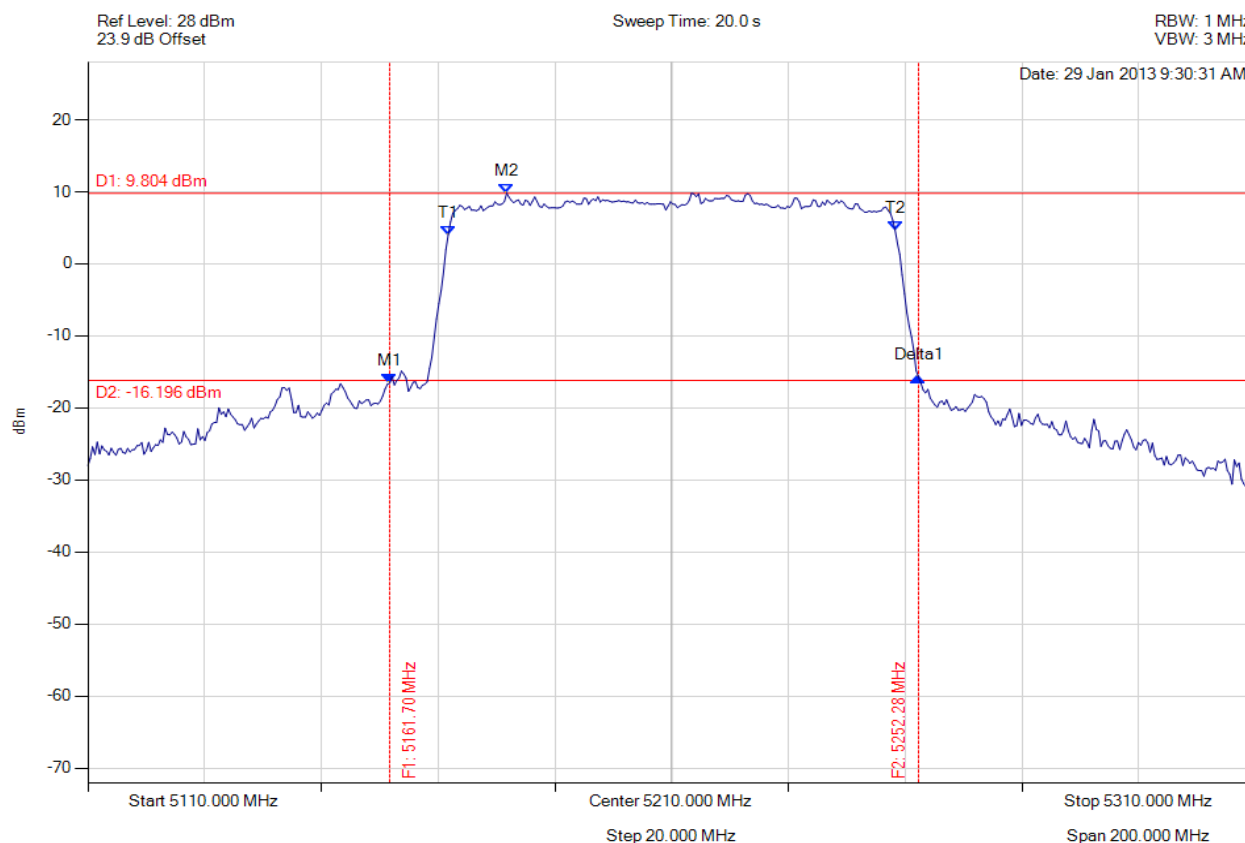
Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5204.649 MHz : -15.341 dBm M2 : 5224.289 MHz : 11.041 dBm Delta1 : 51.303 MHz : 0.923 dB T1 : 5211.663 MHz : 5.417 dBm T2 : 5248.337 MHz : 6.562 dBm OBW : 36.673 MHz	Measured 26 dB Bandwidth: 51.303 MHz Measured 99% Bandwidth: 36.673 MHz

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26 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5210.00 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 : 5161.703 MHz : -16.582 dBm M2 : 5181.743 MHz : 9.804 dBm Delta1 : 90.581 MHz : 0.830 dB T1 : 5171.723 MHz : 3.998 dBm T2 : 5248.277 MHz : 4.687 dBm OBW : 76.553 MHz	Measured 26 dB Bandwidth: 90.581 MHz Measured 99% Bandwidth: 76.553 MHz

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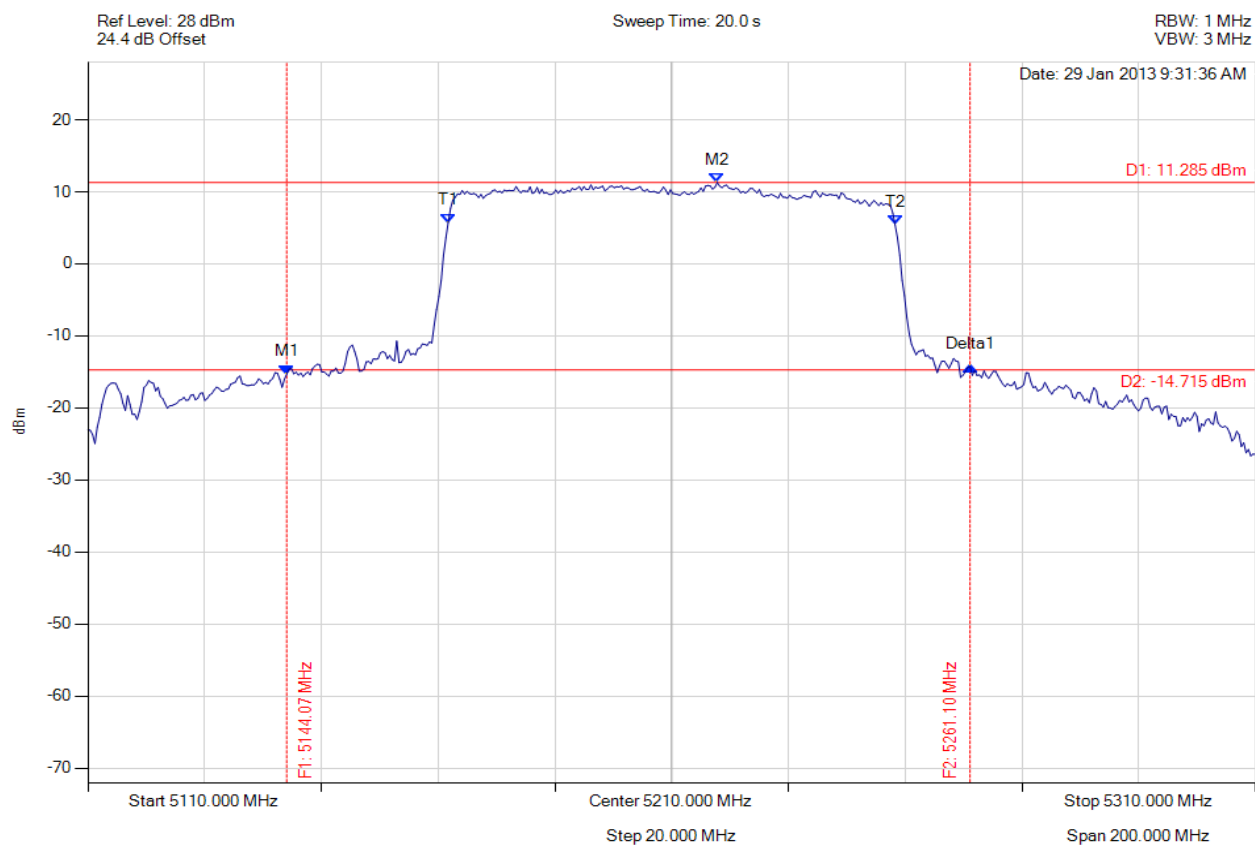


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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26 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5210.00 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 : 5144.068 MHz : -15.294 dBm M2 : 5217.816 MHz : 11.285 dBm Delta1 : 117.034 MHz : 1.056 dB T1 : 5171.723 MHz : 5.722 dBm T2 : 5248.277 MHz : 5.417 dBm OBW : 76.553 MHz	Measured 26 dB Bandwidth: 117.034 MHz Measured 99% Bandwidth: 76.553 MHz

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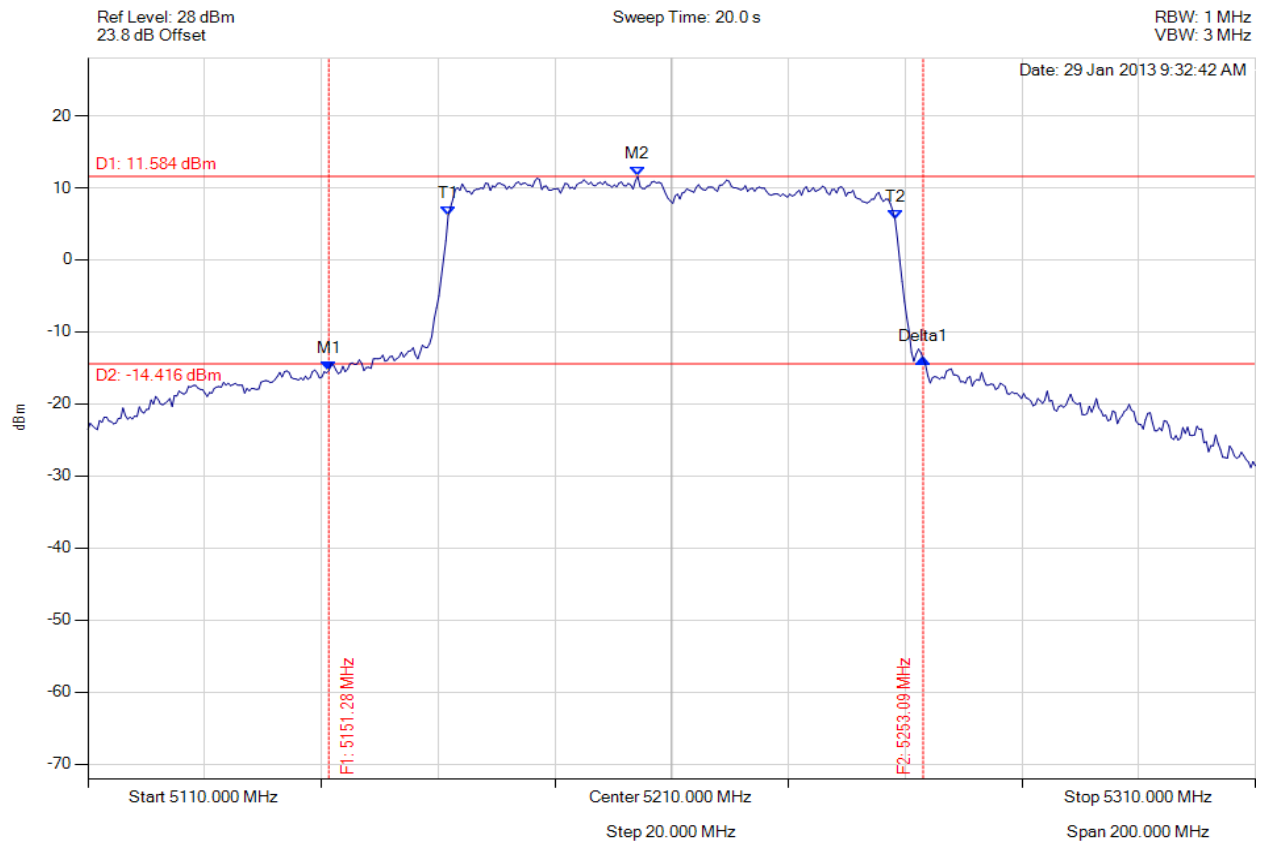


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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26 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5210.00 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 : 5151.283 MHz : -15.384 dBm M2 : 5204.188 MHz : 11.584 dBm Delta1 : 101.804 MHz : 1.653 dB T1 : 5171.723 MHz : 6.127 dBm T2 : 5248.277 MHz : 5.588 dBm OBW : 76.553 MHz	Measured 26 dB Bandwidth: 101.804 MHz Measured 99% Bandwidth: 76.553 MHz

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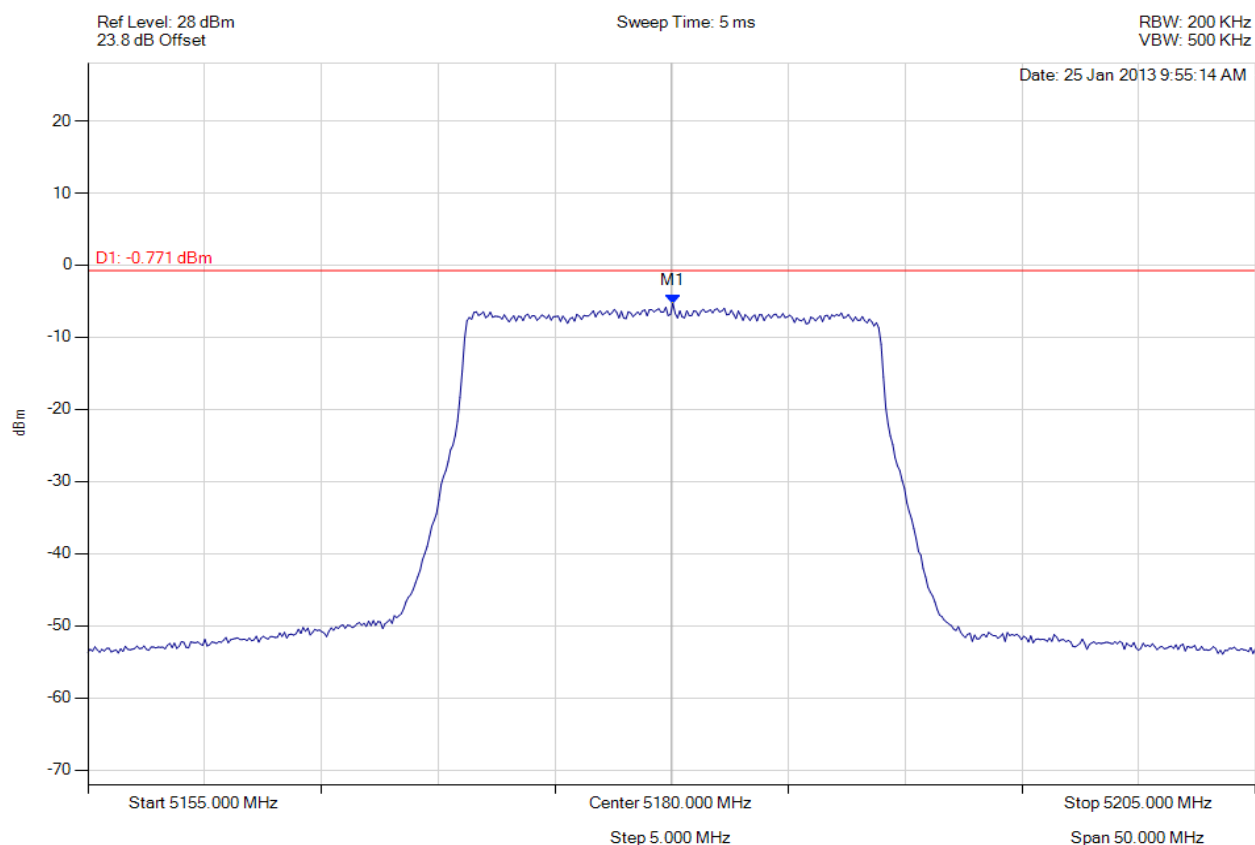
Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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A.1.2. Peak Power Spectral Density



PEAK POWER SPECTRAL DENSITY

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



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5180.050 MHz : -5.291 dBm	Limit: 3.229 dBm Margin: -8.52 dB

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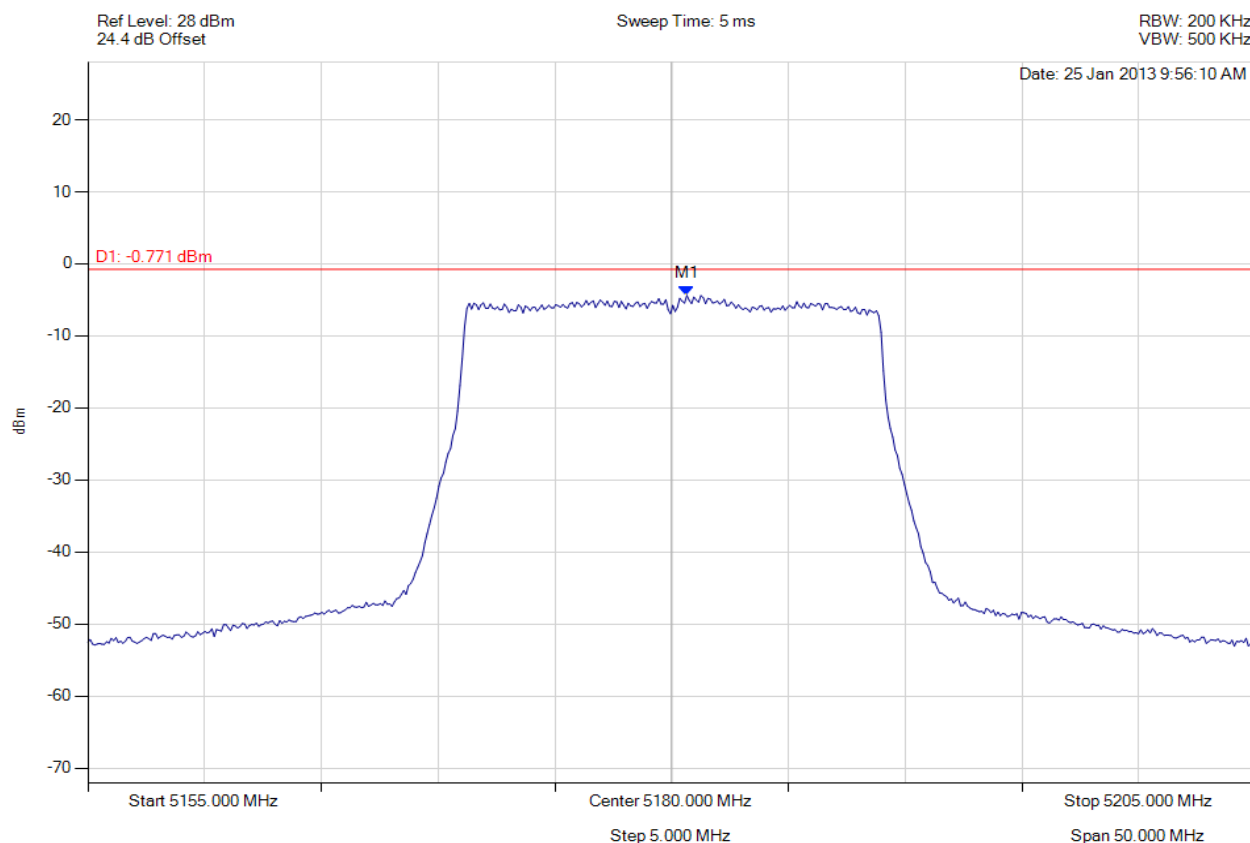


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5180.00 MHz, Chain b, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5180.651 MHz : -4.396 dBm	Limit: 3.229 dBm Margin: -7.62 dB

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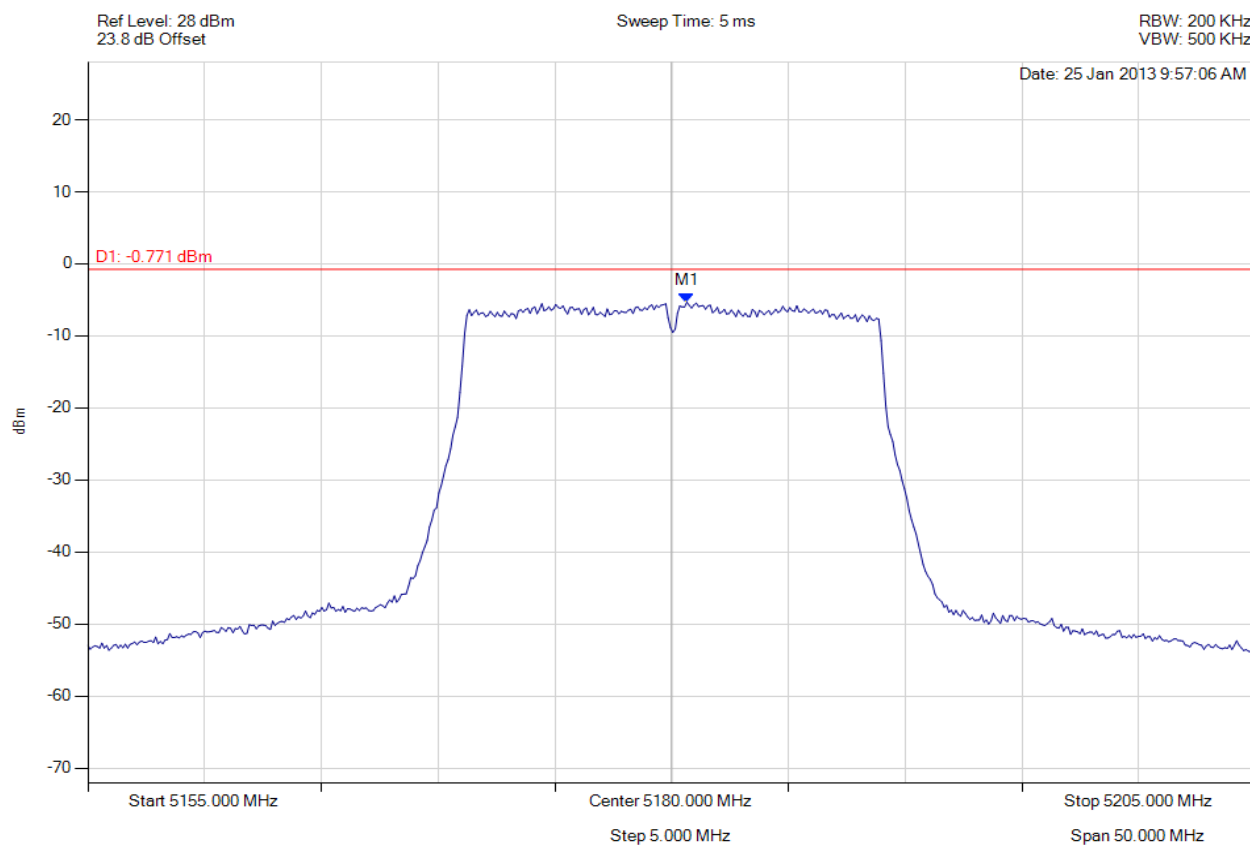


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5180.00 MHz, Chain c, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5180.651 MHz : -5.329 dBm	Limit: 3.229 dBm Margin: -8.56 dB

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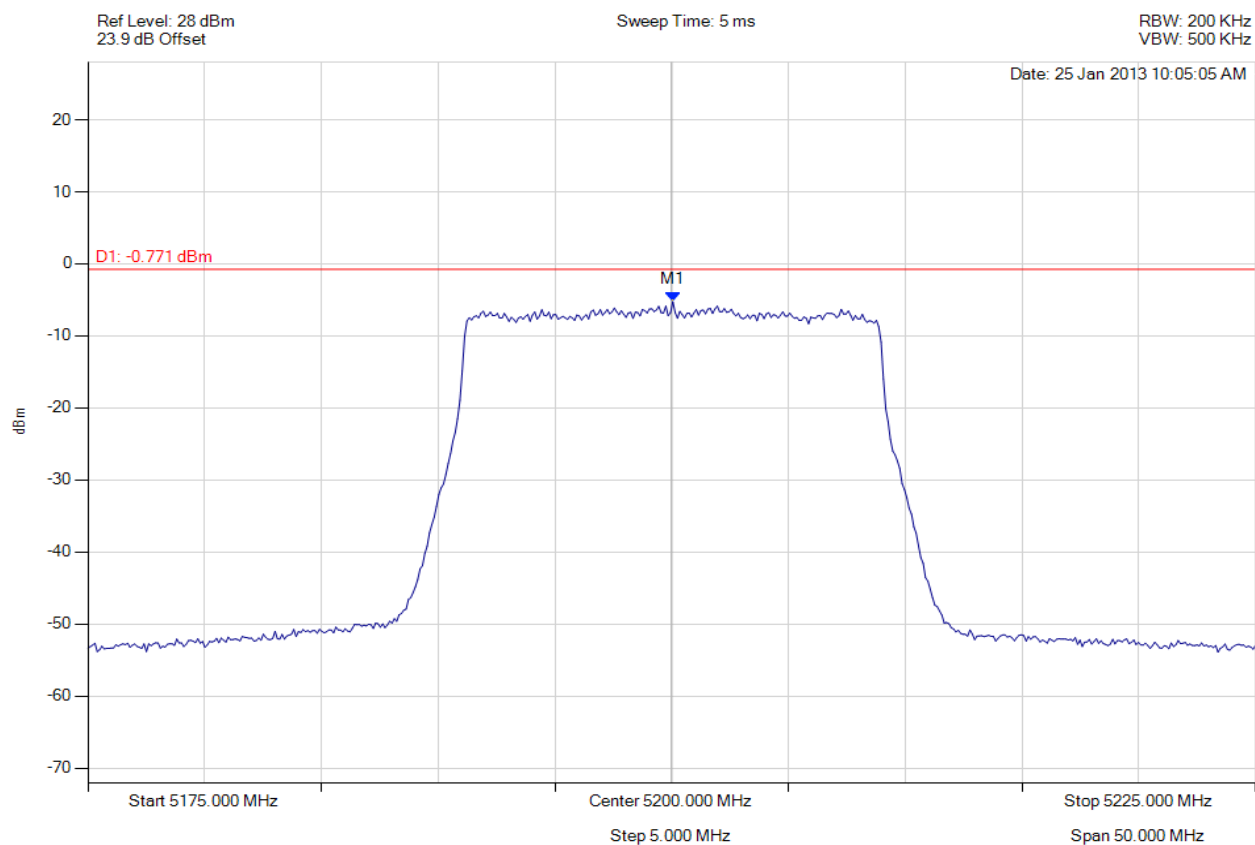


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK POWER SPECTRAL DENSITY

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



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5200.050 MHz : -5.251 dBm	Limit: 3.229 dBm Margin: -8.48 dB

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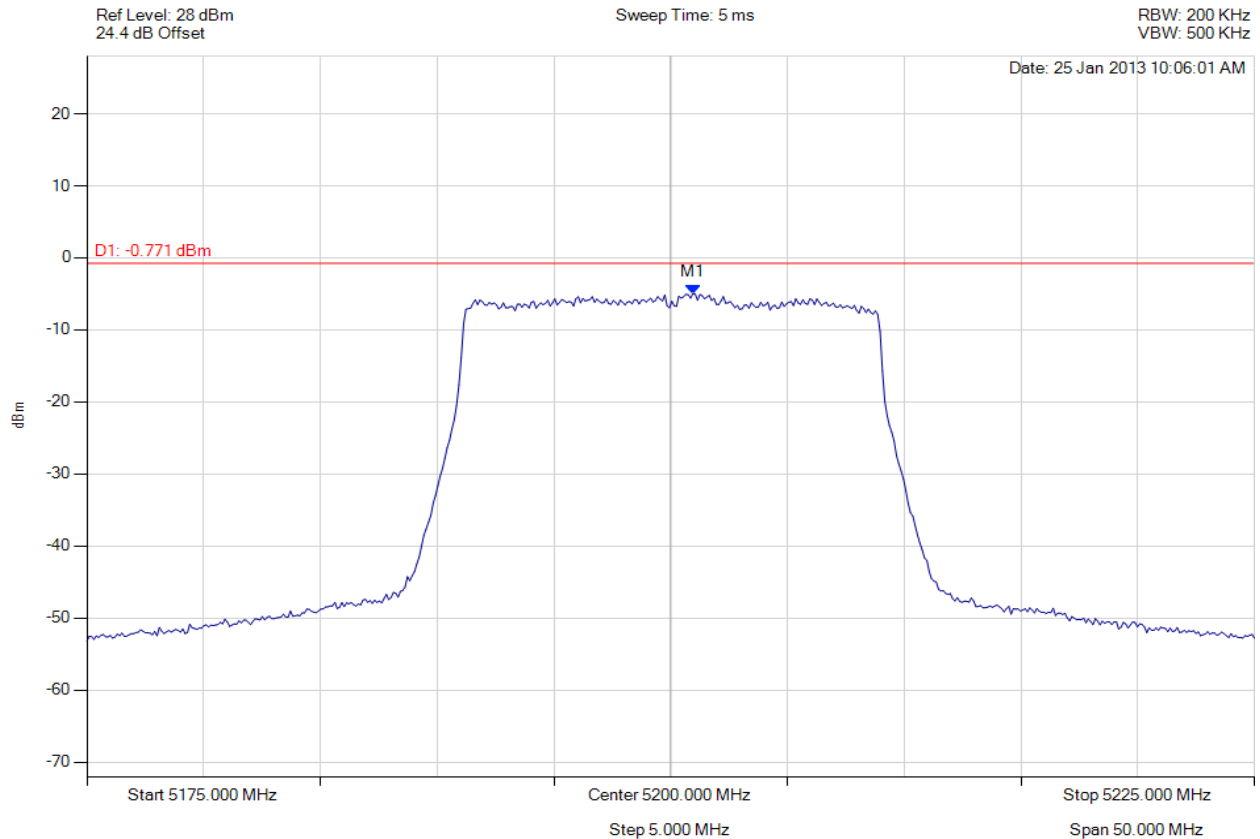


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5200.00 MHz, Chain b, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5200.952 MHz : -4.969 dBm	Limit: 3.229 dBm Margin: -8.20 dB

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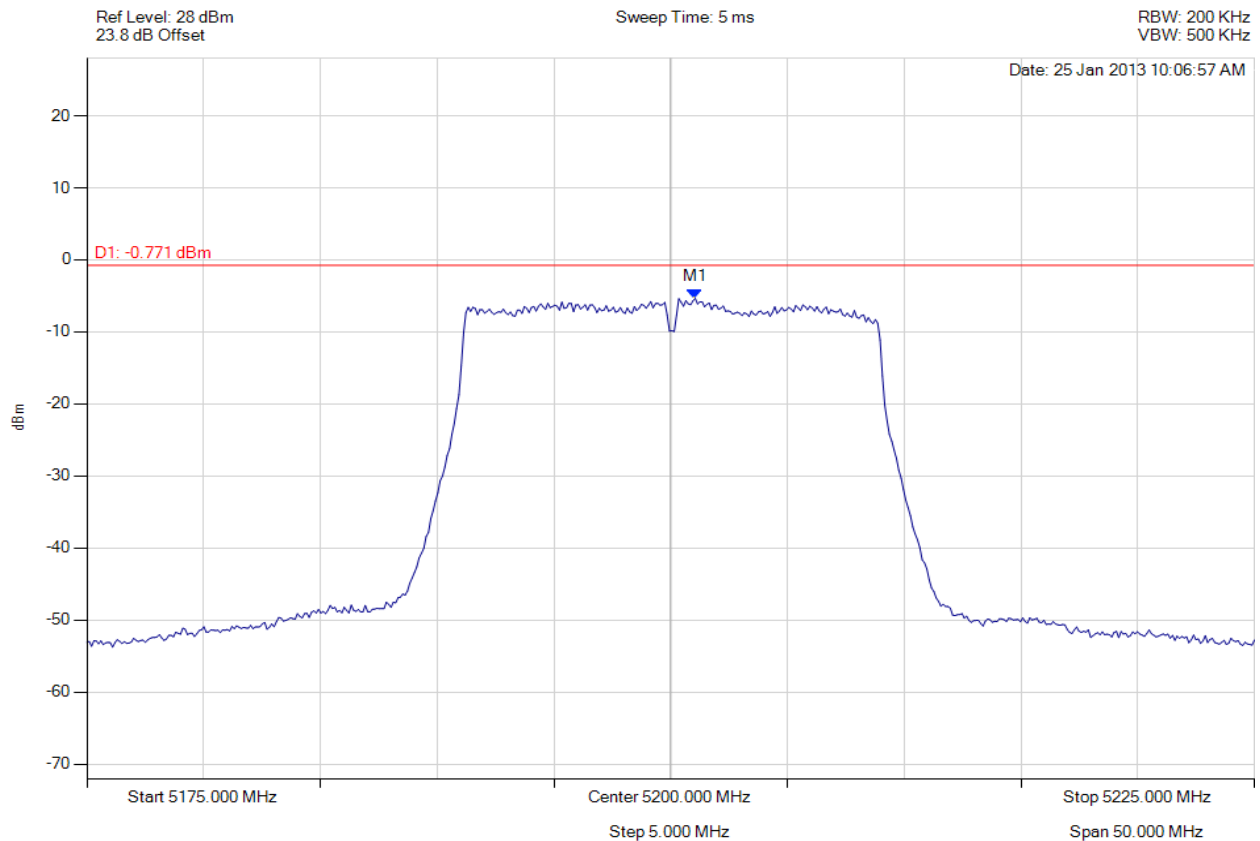


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5200.00 MHz, Chain c, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5201.052 MHz : -5.348 dBm	Limit: 3.229 dBm Margin: -8.58 dB

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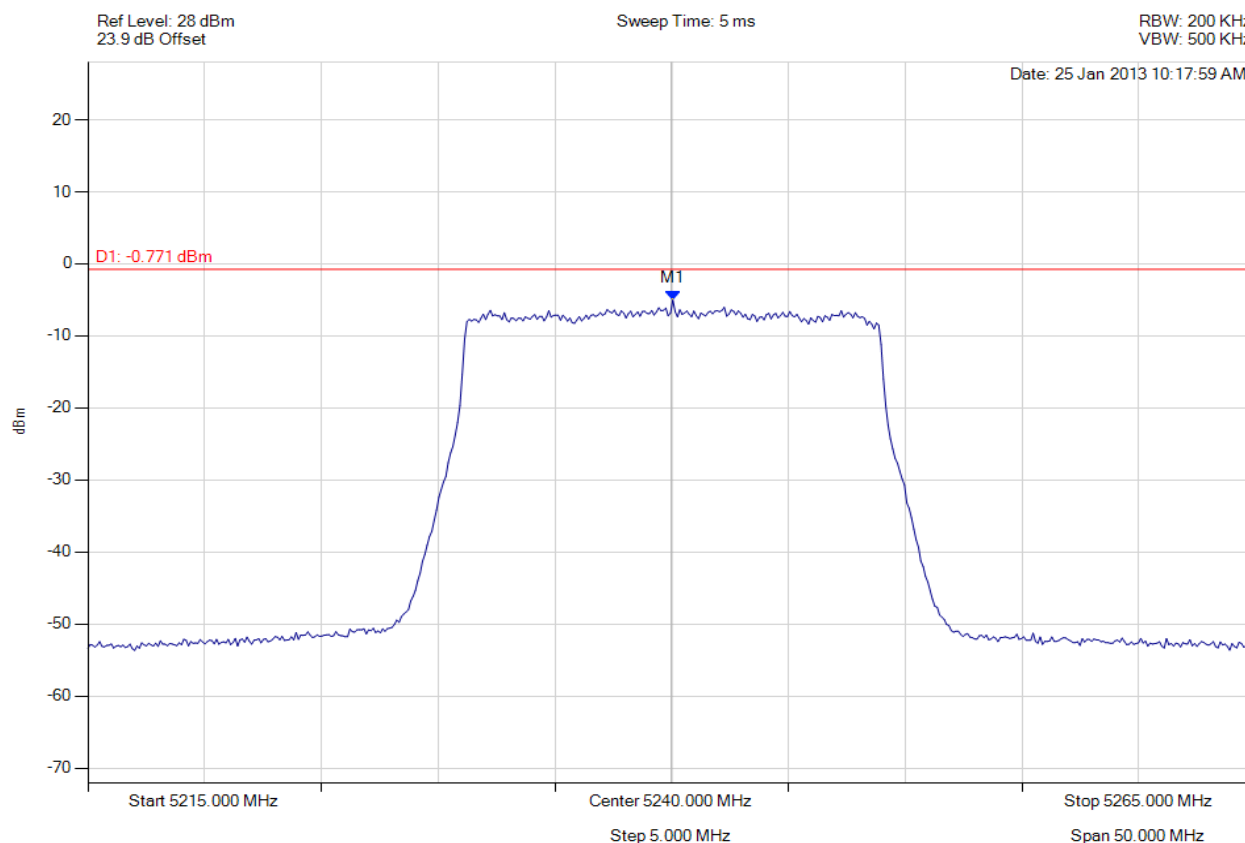


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK POWER SPECTRAL DENSITY

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



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5240.050 MHz : -5.023 dBm	Limit: 3.229 dBm Margin: -8.25 dB

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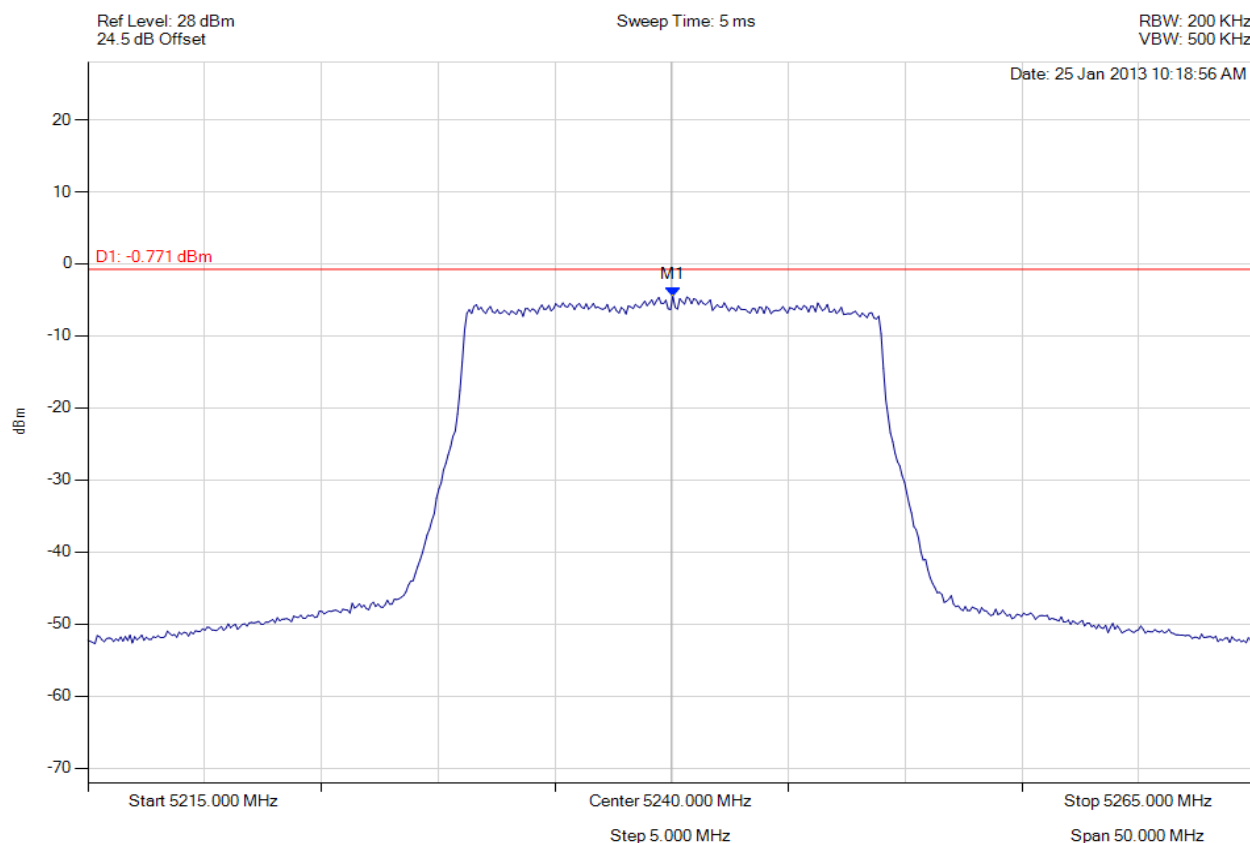


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5240.00 MHz, Chain b, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5240.050 MHz : -4.502 dBm	Limit: 3.229 dBm Margin: -7.73 dB

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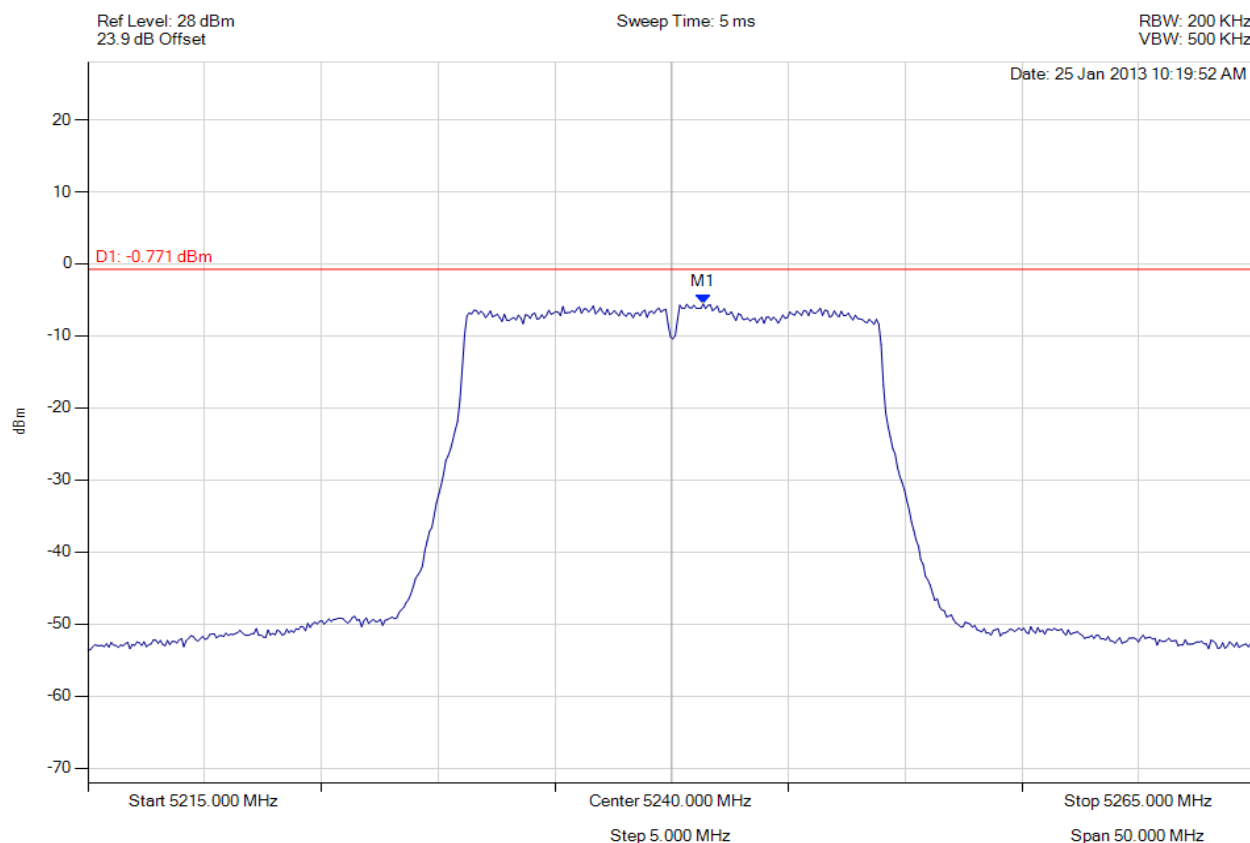


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5240.00 MHz, Chain c, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5241.353 MHz : -5.563 dBm	Limit: 3.229 dBm Margin: -8.79 dB

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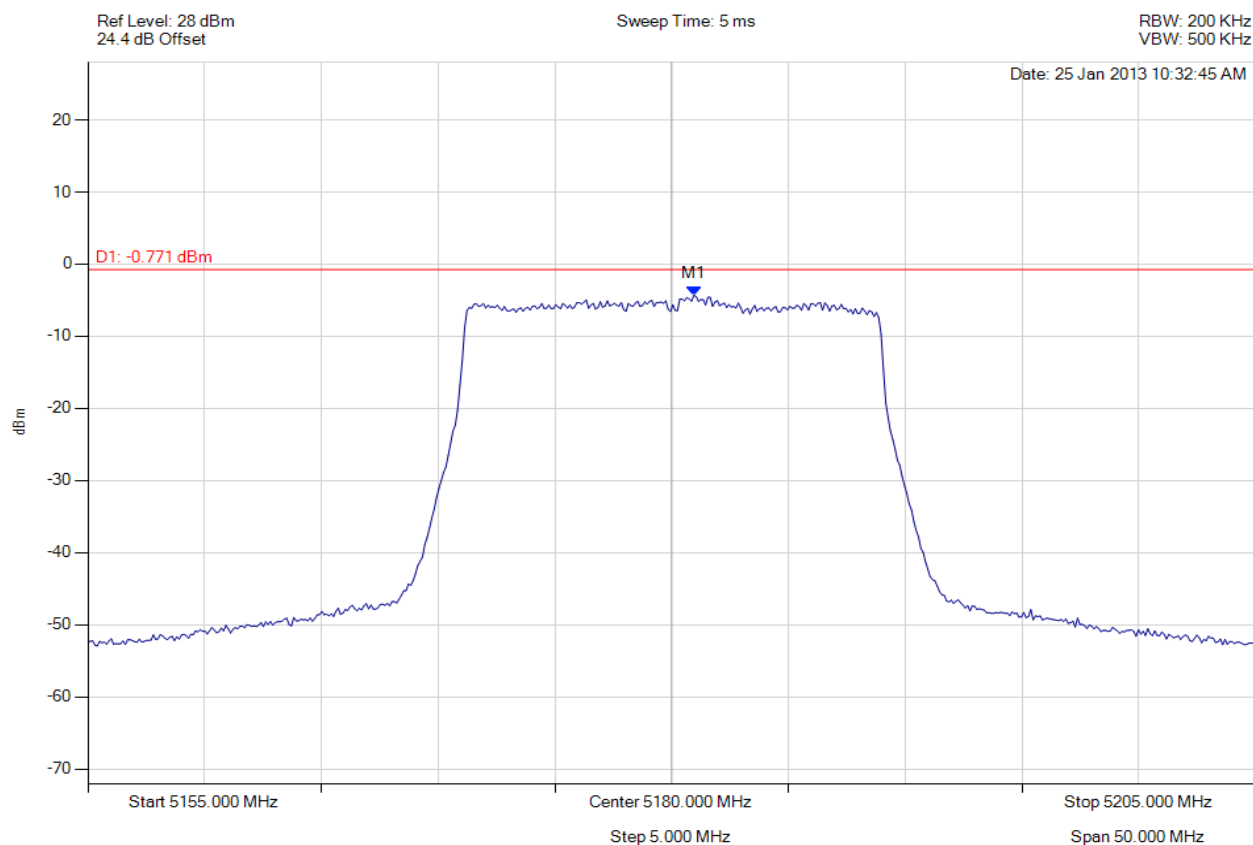


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5180.00 MHz, Chain b, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5180.952 MHz : -4.323 dBm	Limit: 3.229 dBm Margin: -7.55 dB

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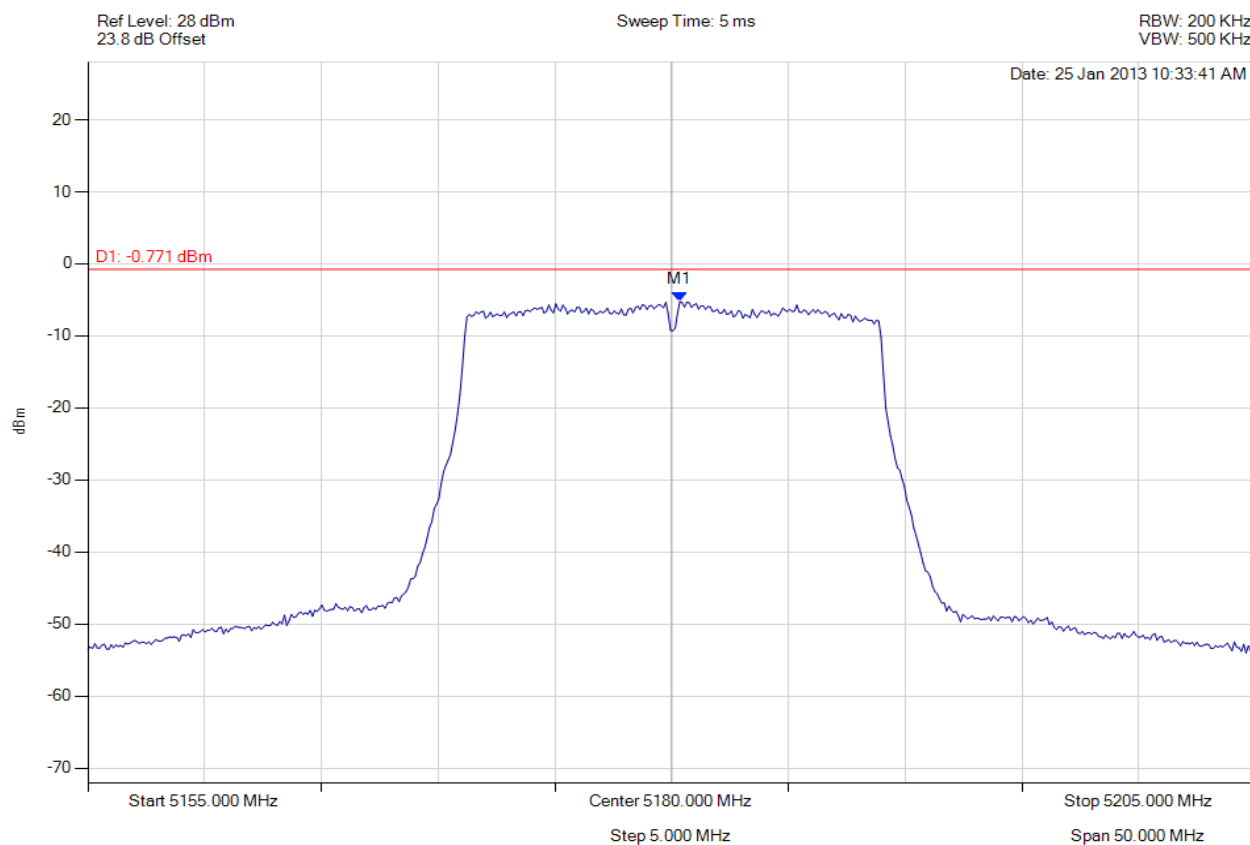


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5180.00 MHz, Chain c, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5180.351 MHz : -5.259 dBm	Limit: 3.229 dBm Margin: -8.49 dB

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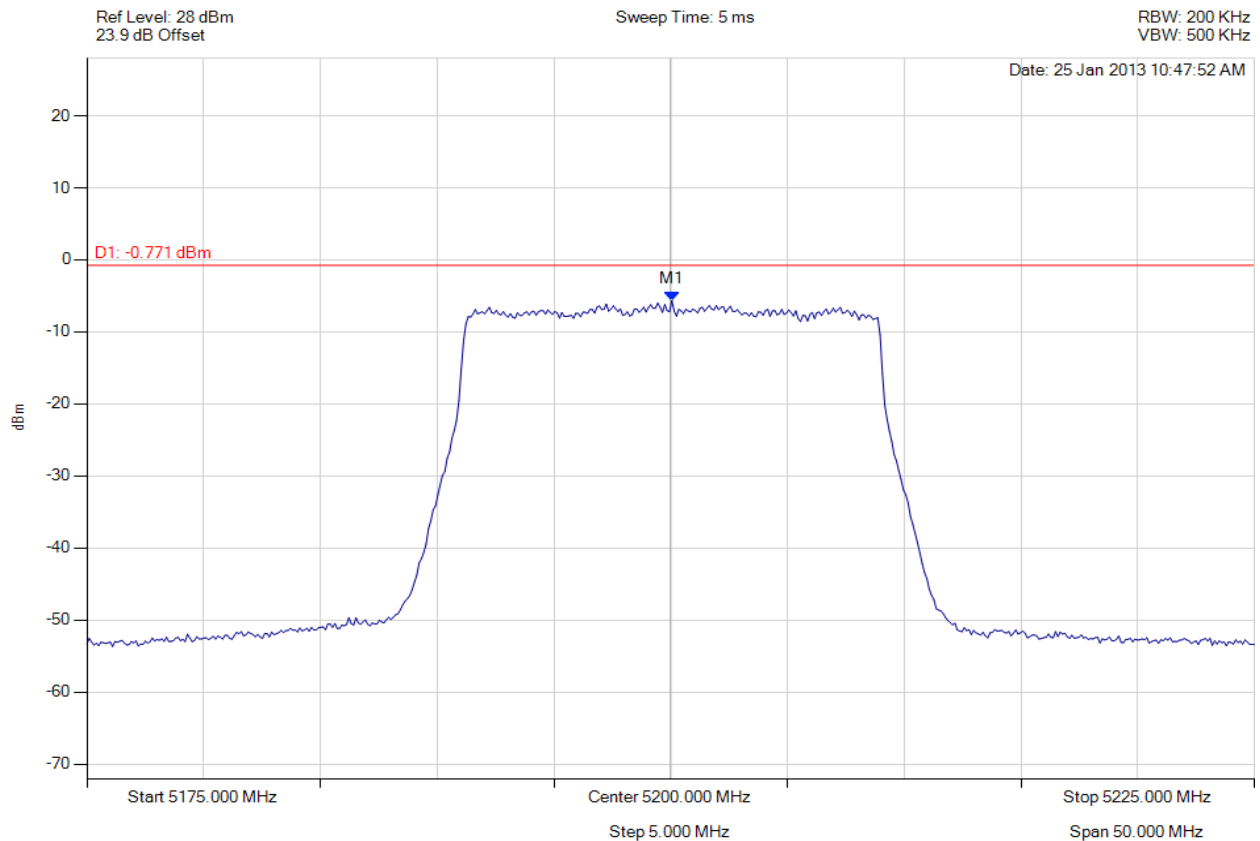


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PEAK POWER SPECTRAL DENSITY

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



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5200.050 MHz : -5.650 dBm	Limit: 3.229 dBm Margin: -8.88 dB

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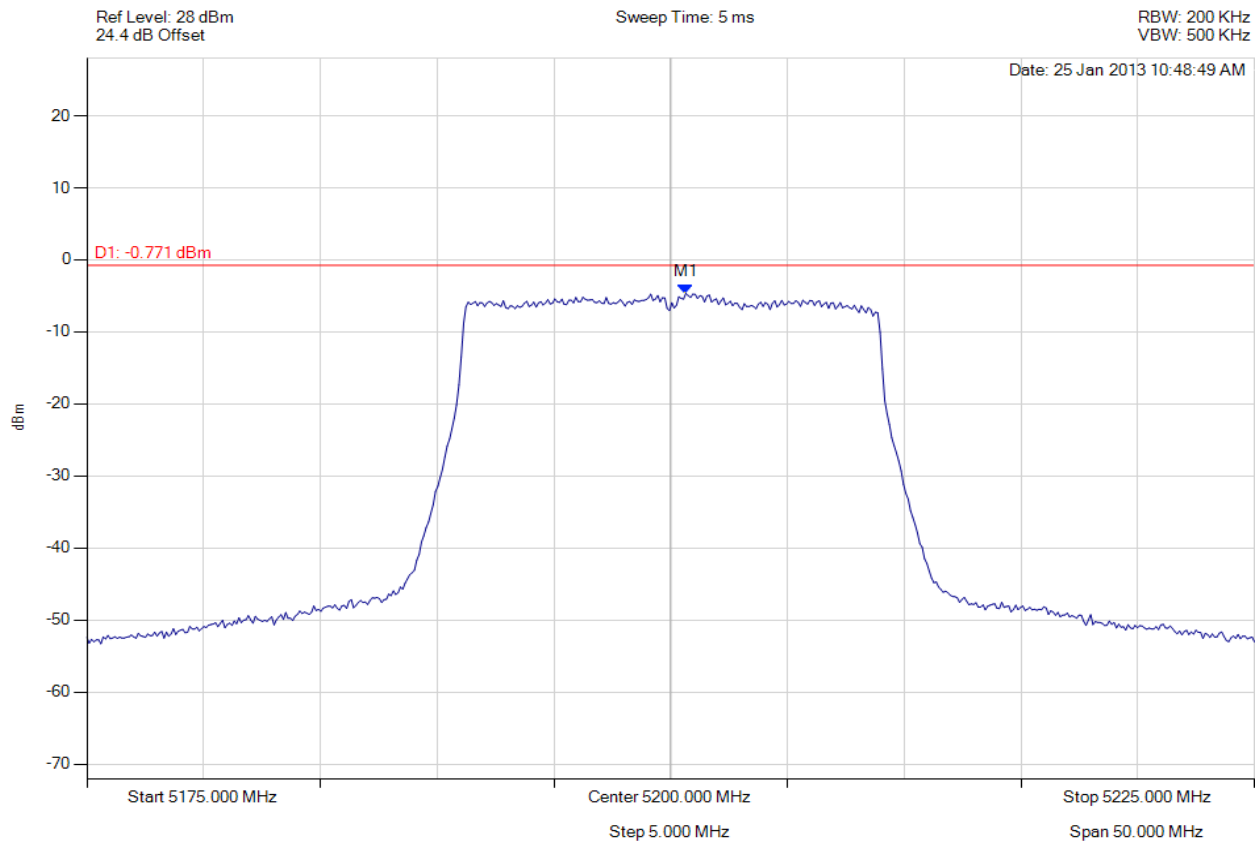


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PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5200.00 MHz, Chain b, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5200.651 MHz : -4.656 dBm	Limit: 3.229 dBm Margin: -7.88 dB

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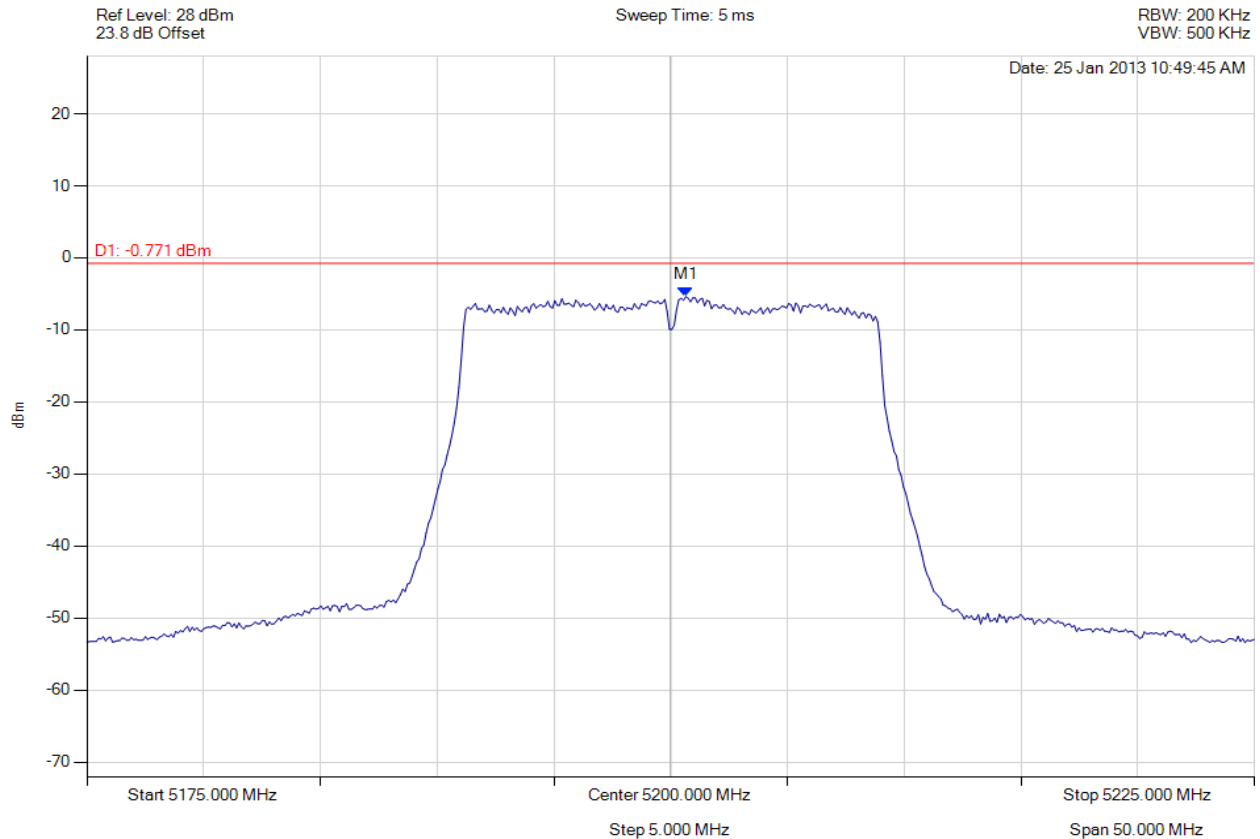


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5200.00 MHz, Chain c, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5200.651 MHz : -5.384 dBm	Limit: 3.229 dBm Margin: -8.61 dB

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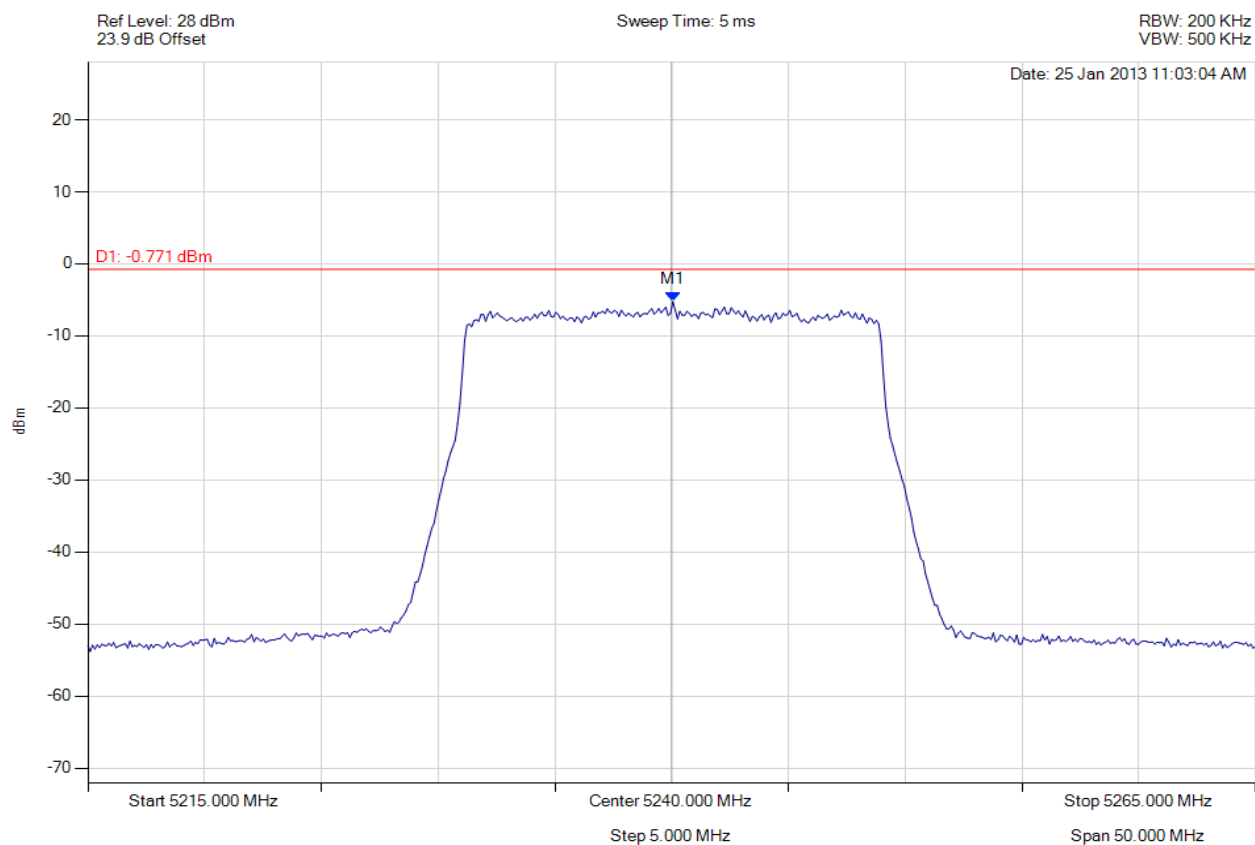


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK POWER SPECTRAL DENSITY

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



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5240.050 MHz : -5.234 dBm	Limit: 3.229 dBm Margin: -8.46 dB

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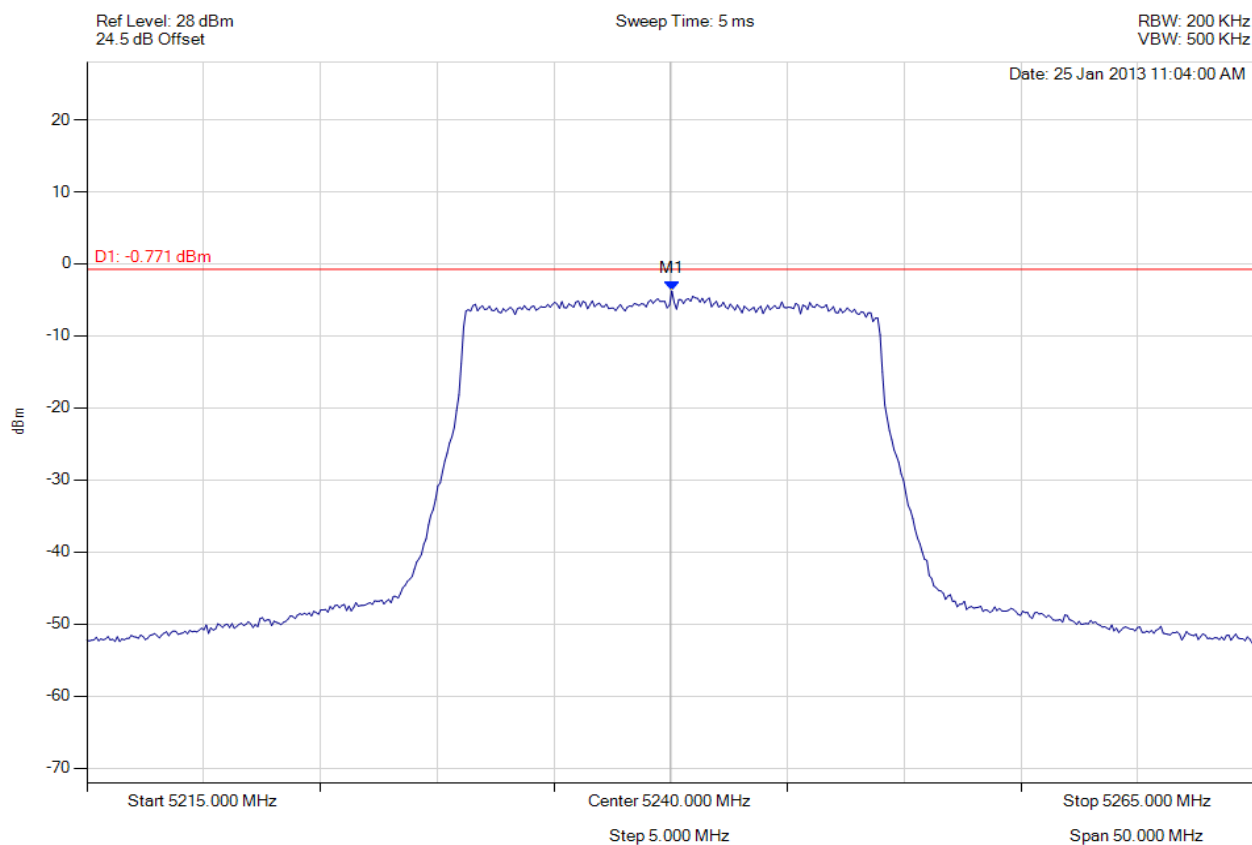


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5240.00 MHz, Chain b, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5240.050 MHz : -3.764 dBm	Limit: 3.229 dBm Margin: -6.99 dB

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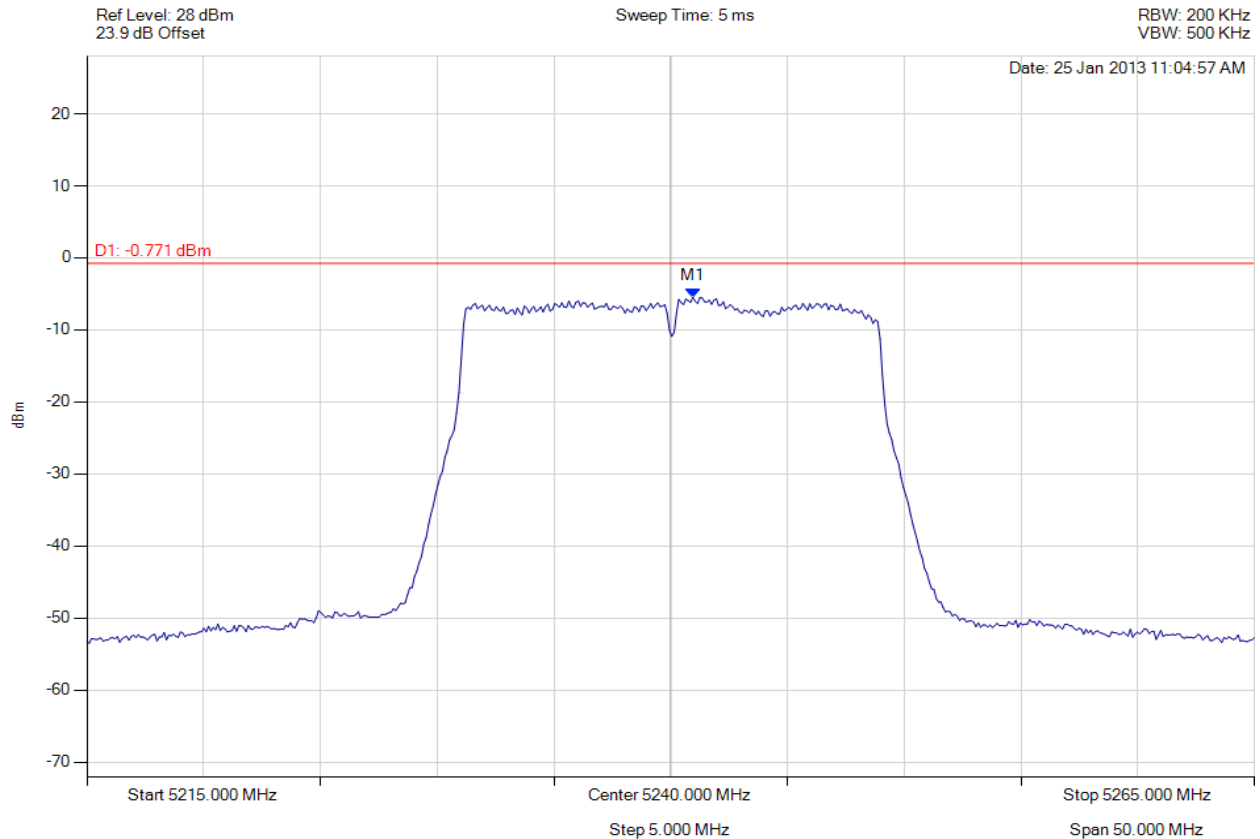


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5240.00 MHz, Chain c, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5240.952 MHz : -5.478 dBm	Limit: 3.229 dBm Margin: -8.71 dB

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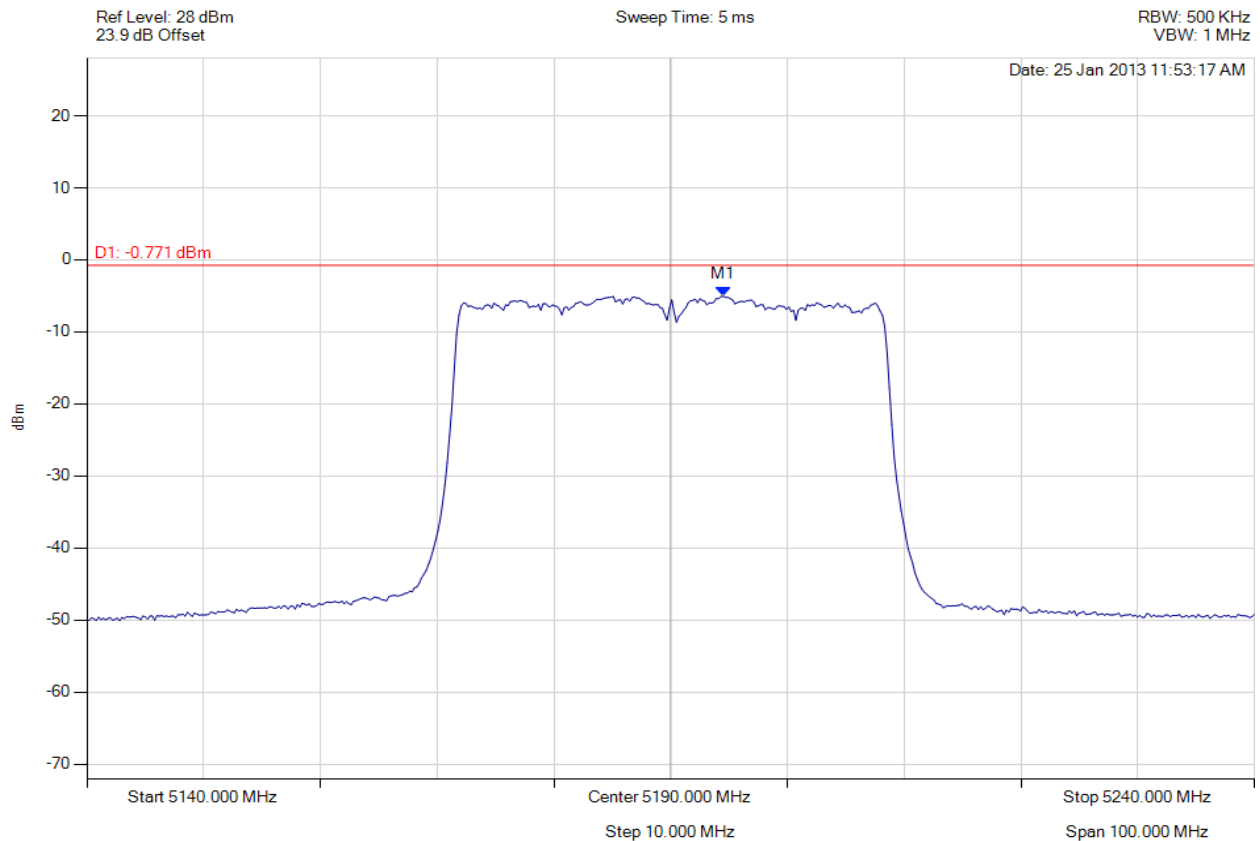


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK POWER SPECTRAL DENSITY

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



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5194.509 MHz : -5.049 dBm	Limit: 3.229 dBm Margin: -8.28 dB

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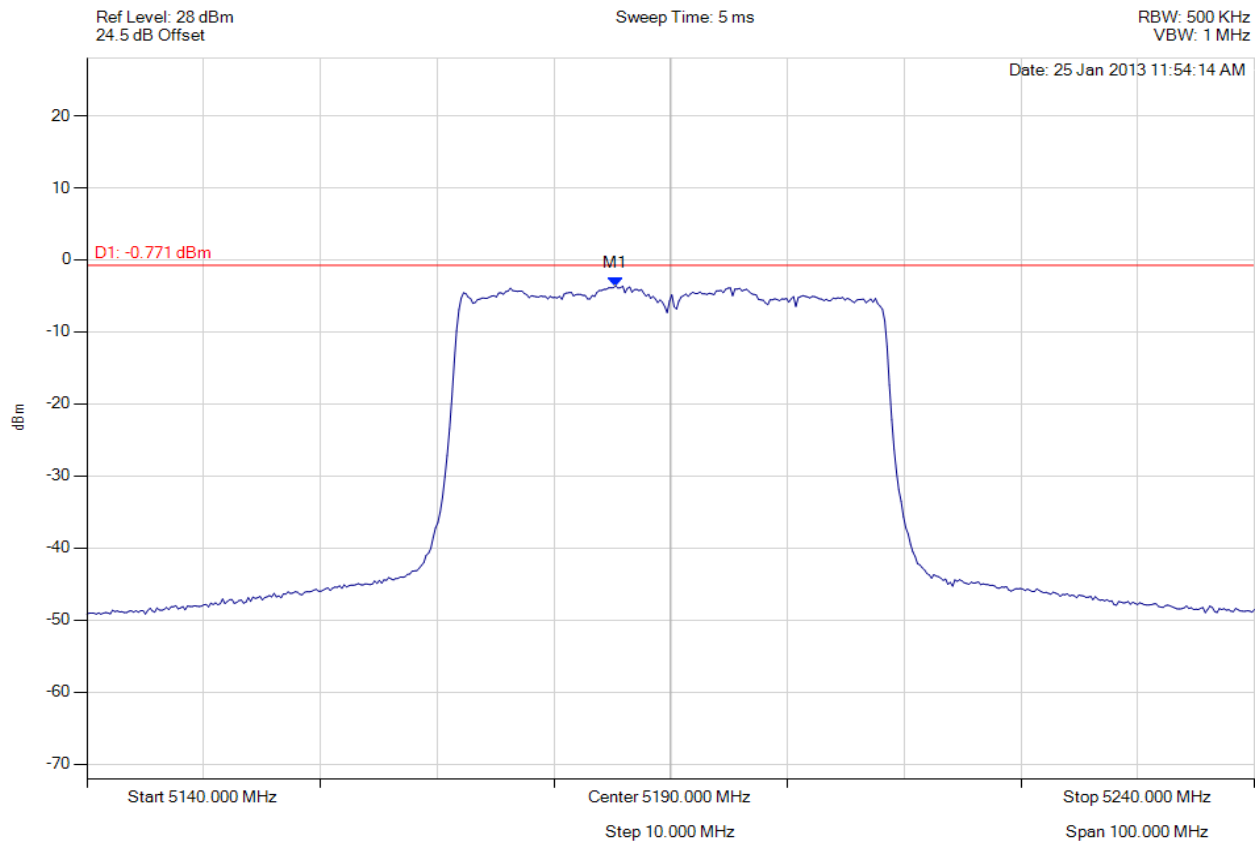


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5190.00 MHz, Chain b, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5185.291 MHz : -3.624 dBm	Limit: 3.229 dBm Margin: -6.85 dB

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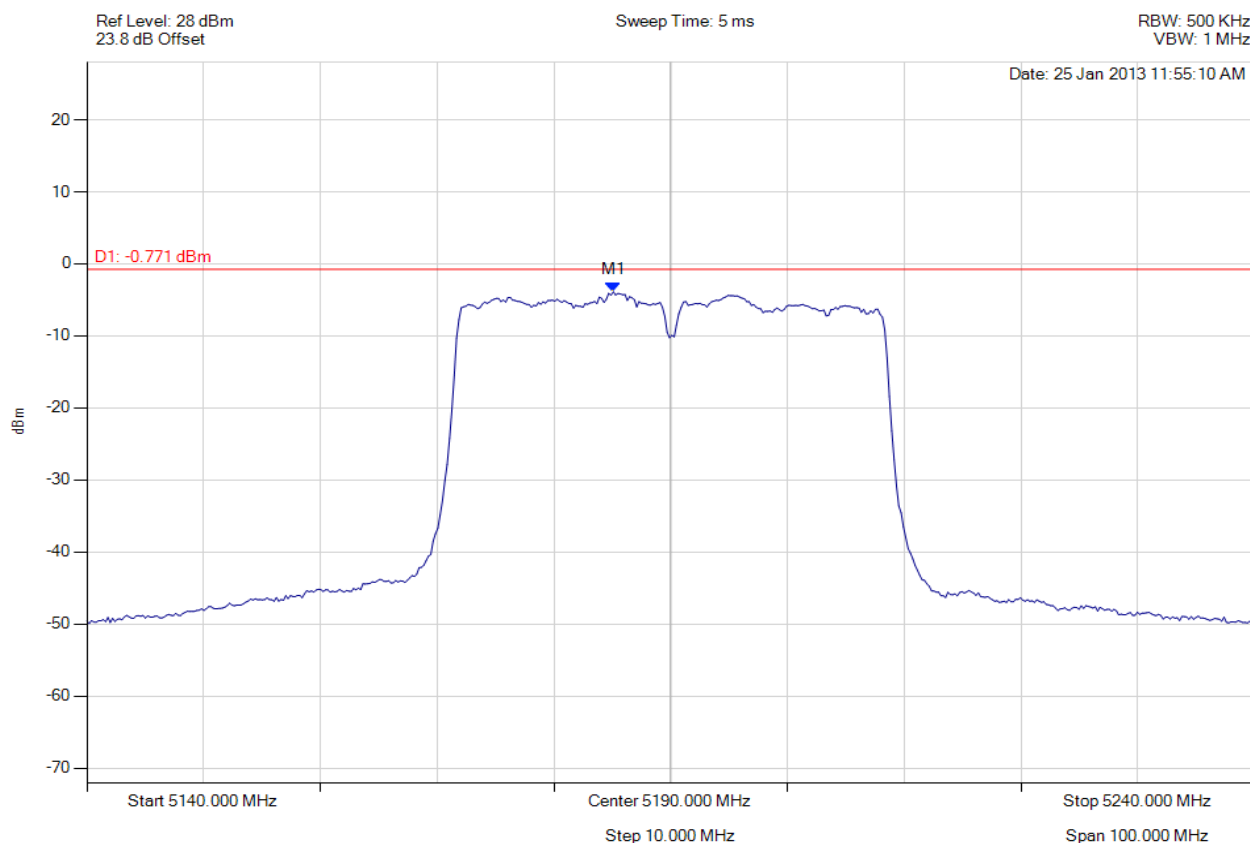


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5190.00 MHz, Chain c, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5185.090 MHz : -3.891 dBm	Limit: 3.229 dBm Margin: -7.12 dB

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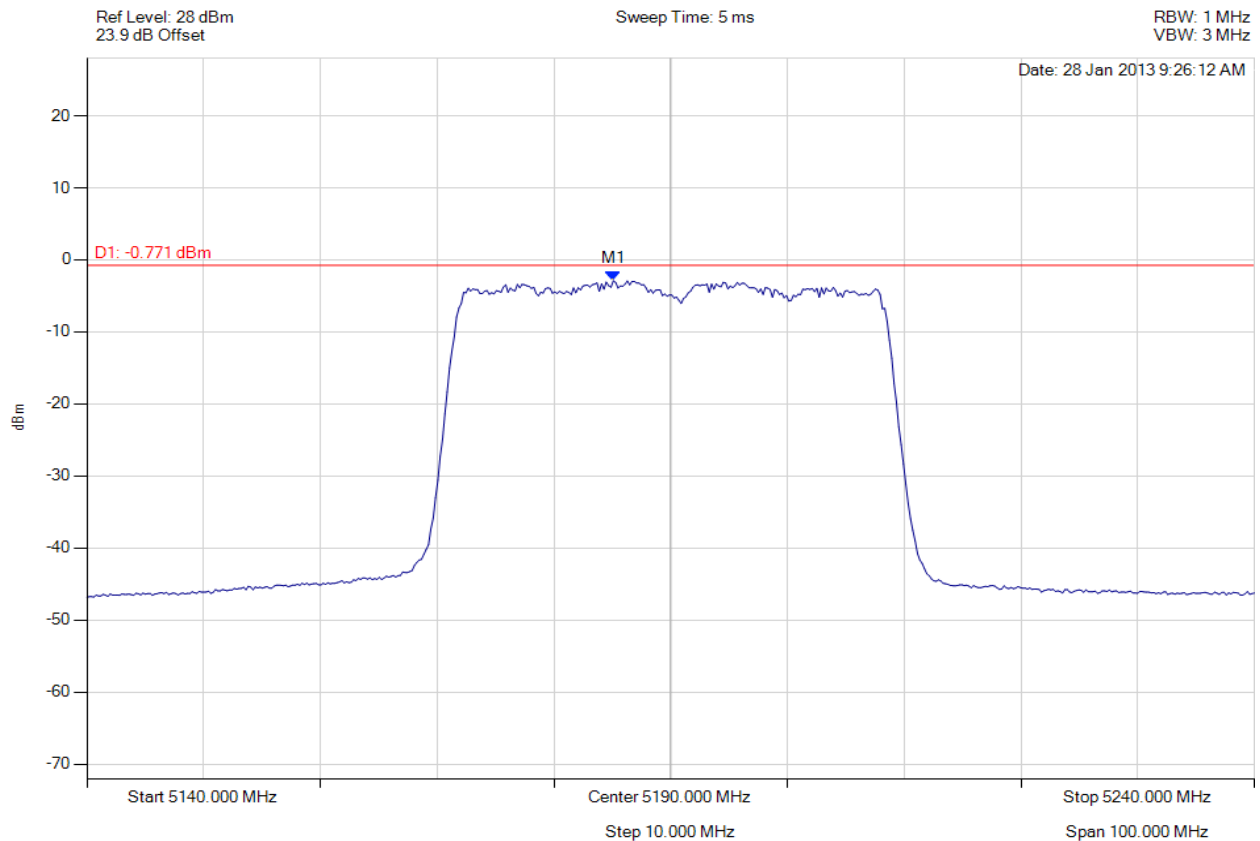


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5190.00 MHz, Chain a, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5185.090 MHz : -2.903 dBm	Limit: ≤ -0.771 dBm Margin: -2.13 dB

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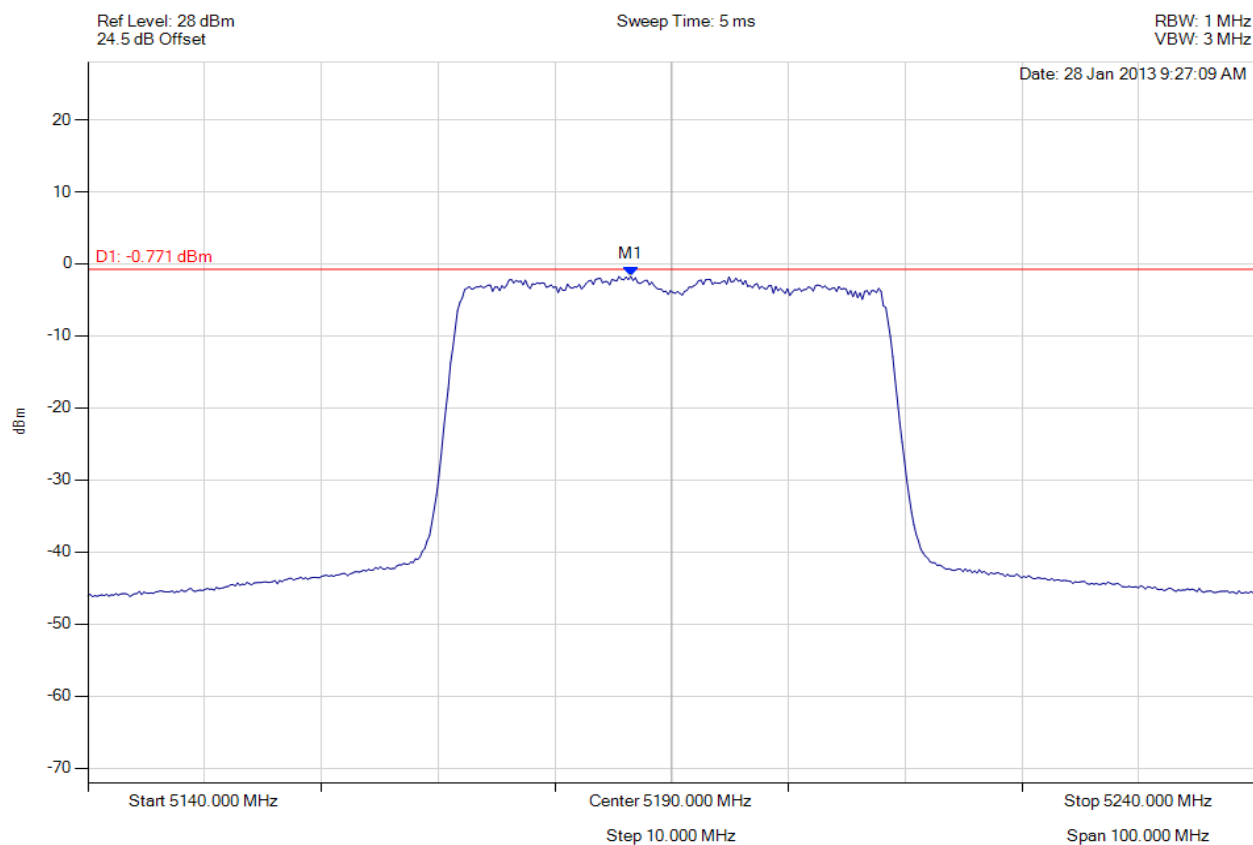


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5190.00 MHz, Chain b, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5186.493 MHz : -1.740 dBm	Limit: ≤ -0.771 dBm Margin: -0.97 dB

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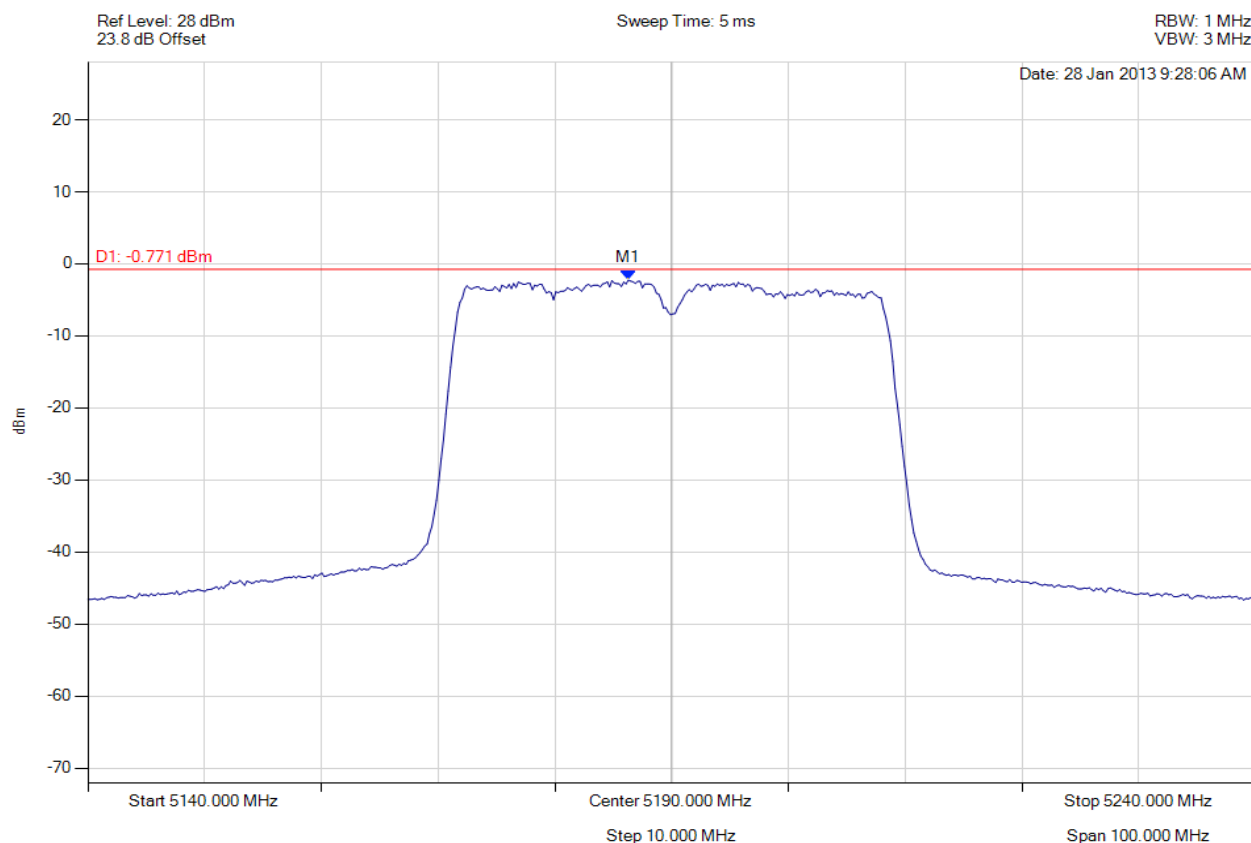


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5190.00 MHz, Chain c, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5186.293 MHz : -2.266 dBm	Limit: ≤ -0.771 dBm Margin: -1.49 dB

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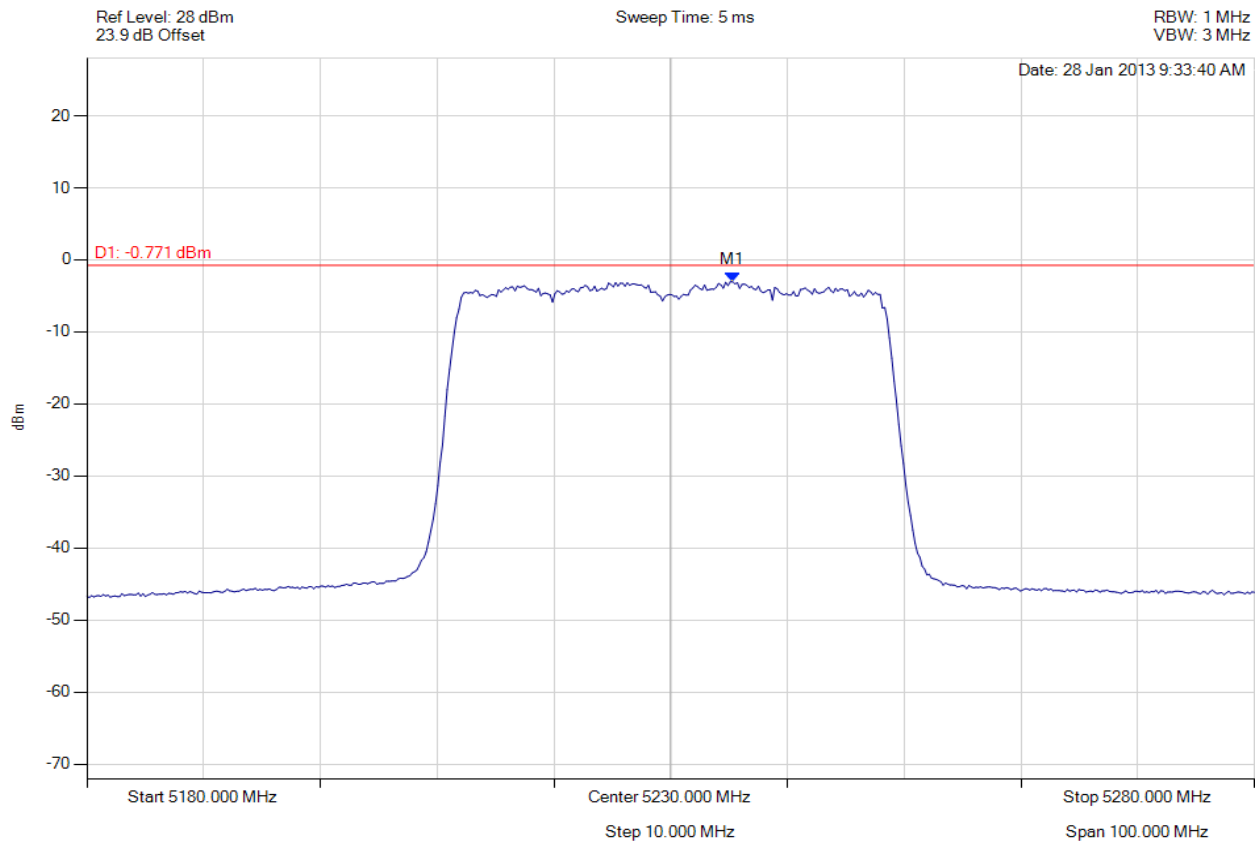


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5230.00 MHz, Chain a, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5235.311 MHz : -3.039 dBm	Limit: ≤ -0.771 dBm Margin: -2.27 dB

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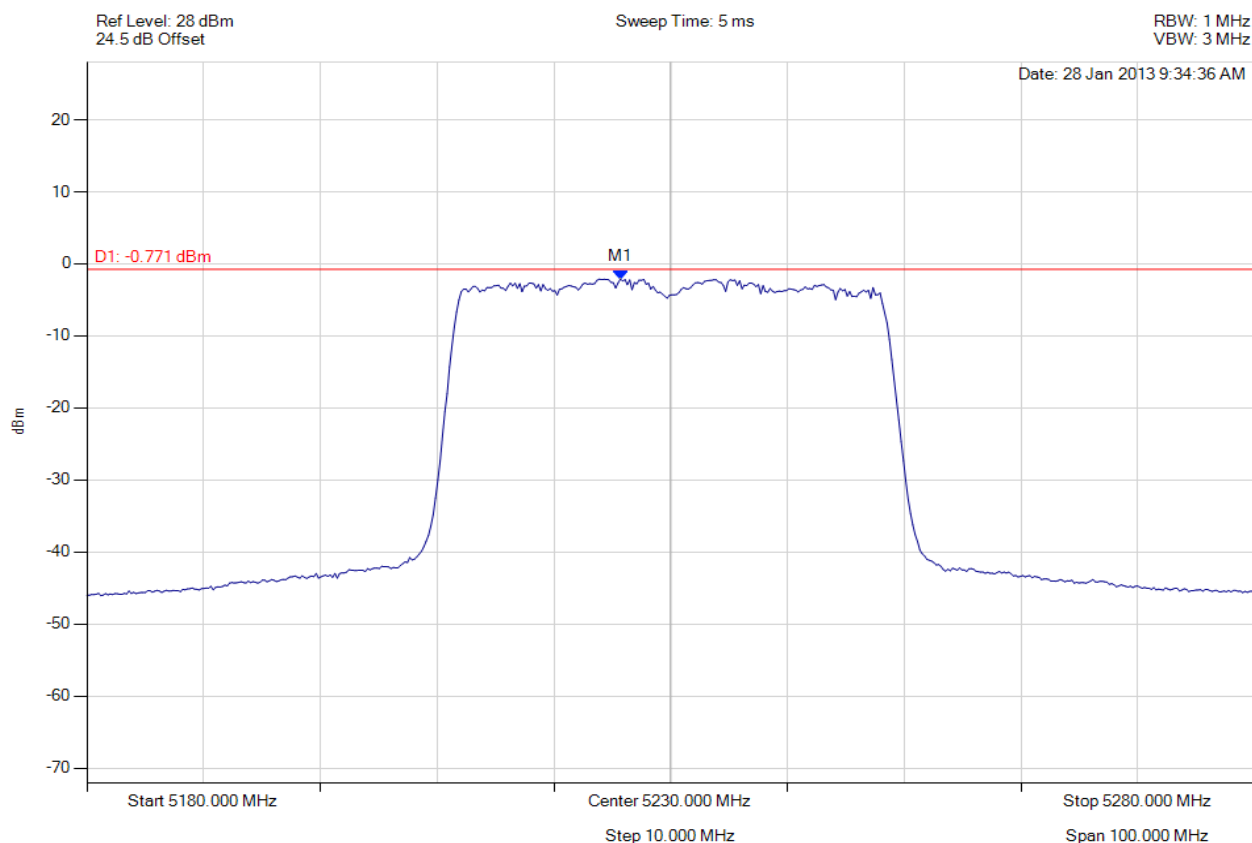


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5230.00 MHz, Chain b, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5225.691 MHz : -2.122 dBm	Limit: ≤ -0.771 dBm Margin: -1.35 dB

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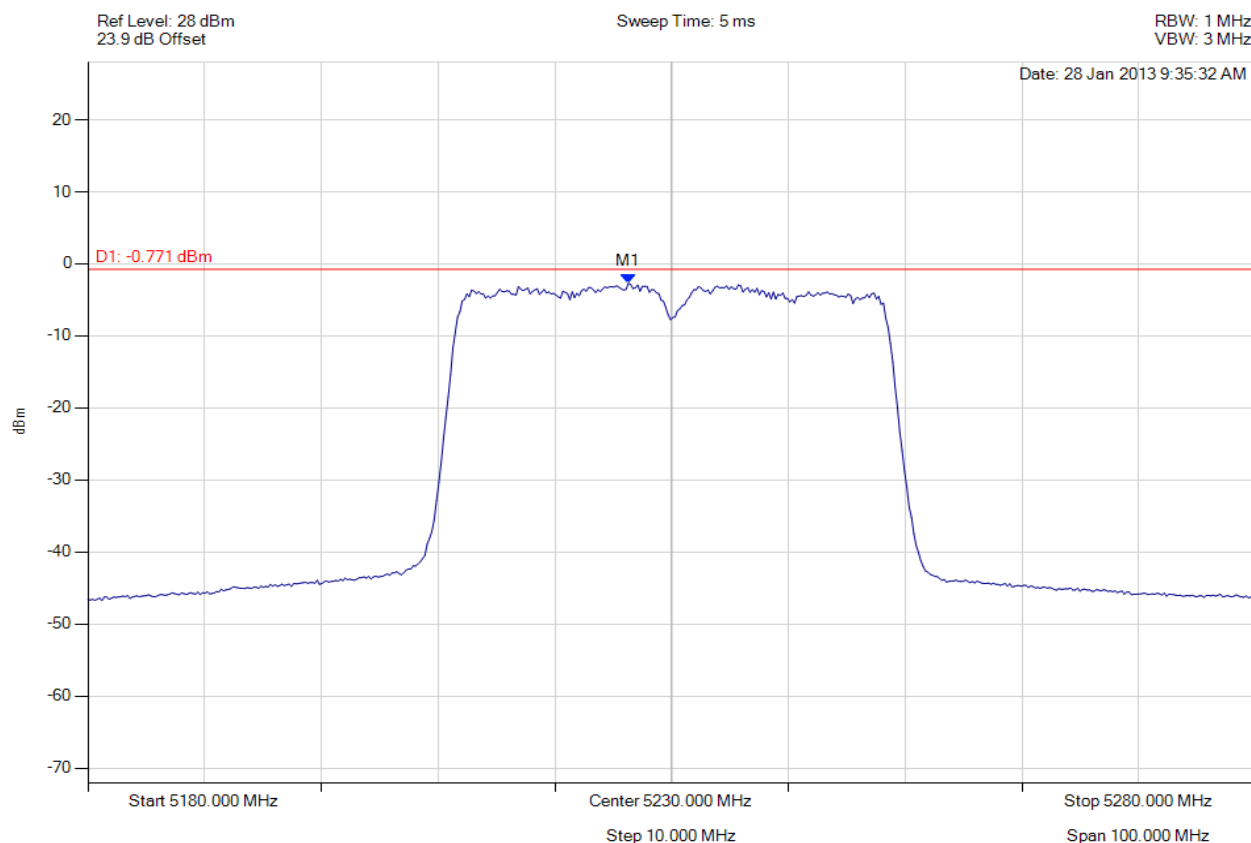


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5230.00 MHz, Chain c, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5226.293 MHz : -2.702 dBm	Limit: ≤ -0.771 dBm Margin: -1.93 dB

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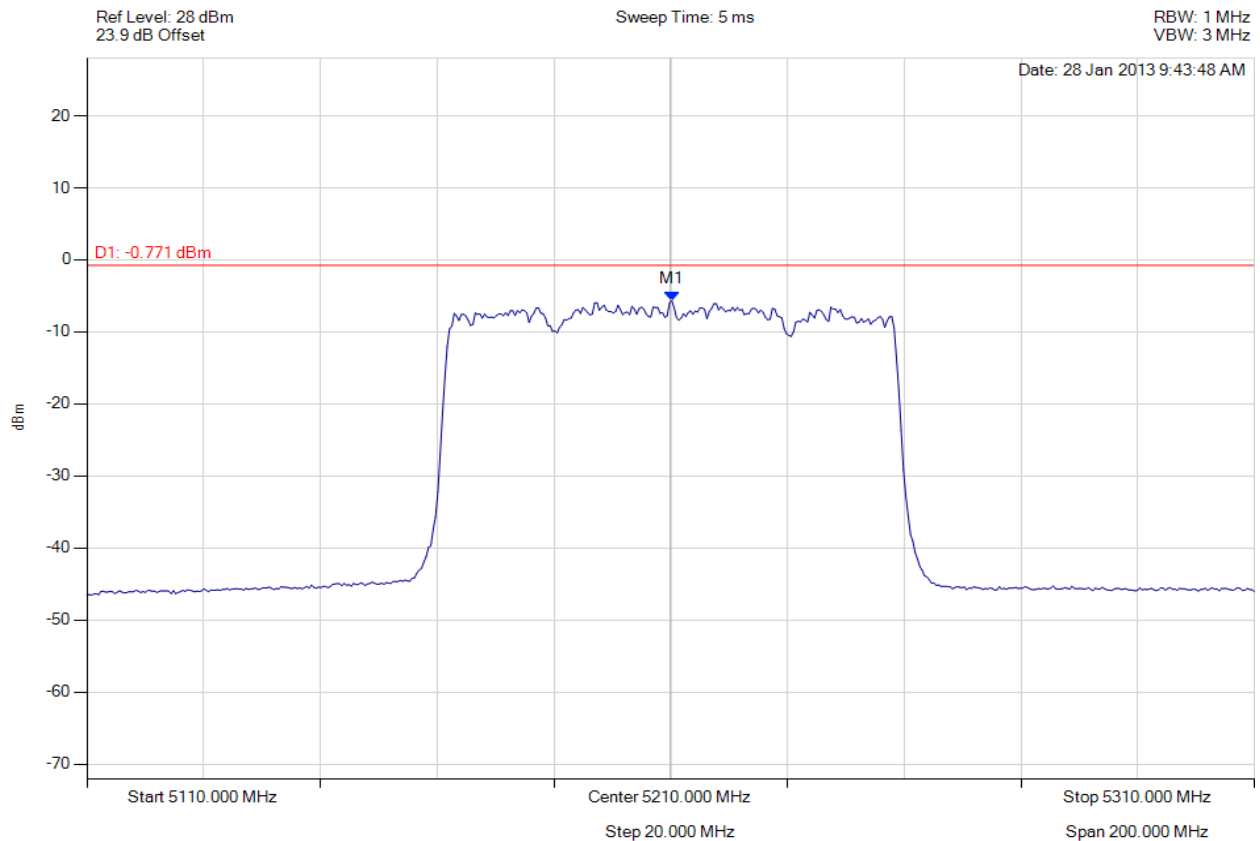


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5210.00 MHz, Chain a, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5210.200 MHz : -5.651 dBm	Limit: ≤ -0.771 dBm Margin: -4.88 dB

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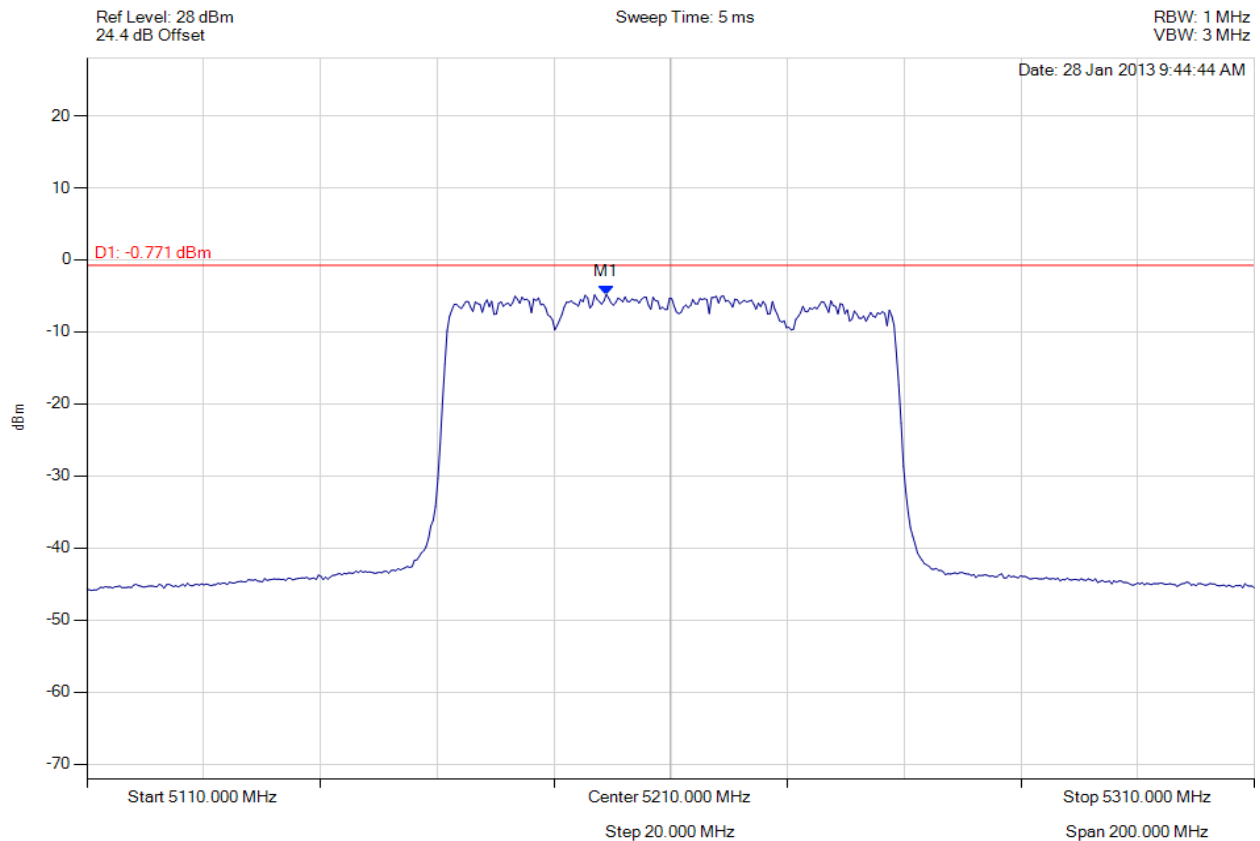


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5210.00 MHz, Chain b, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5198.978 MHz : -4.797 dBm	Limit: ≤ -0.771 dBm Margin: -4.03 dB

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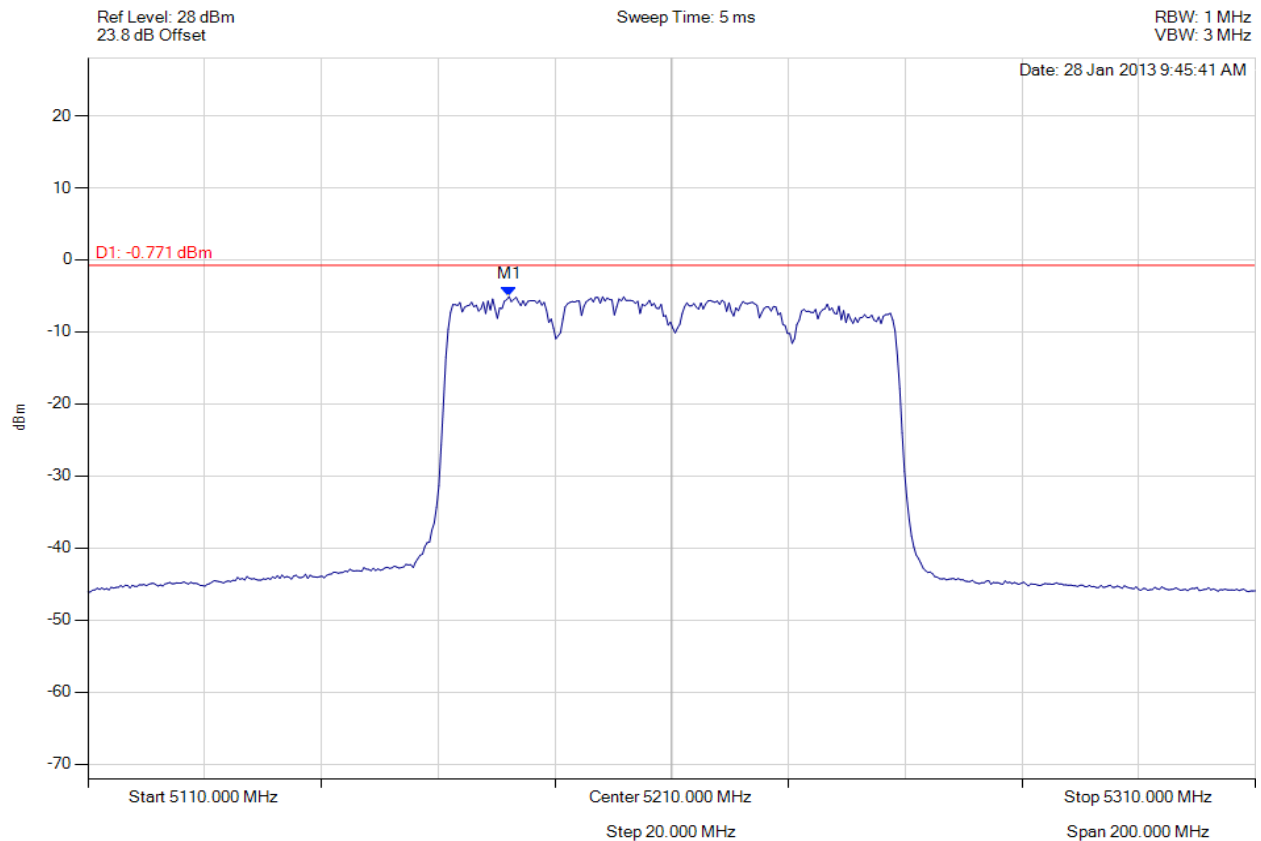


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5210.00 MHz, Chain c, Temp: Ambient, Voltage: Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5182.144 MHz : -5.095 dBm	Limit: ≤ -0.771 dBm Margin: -4.32 dB

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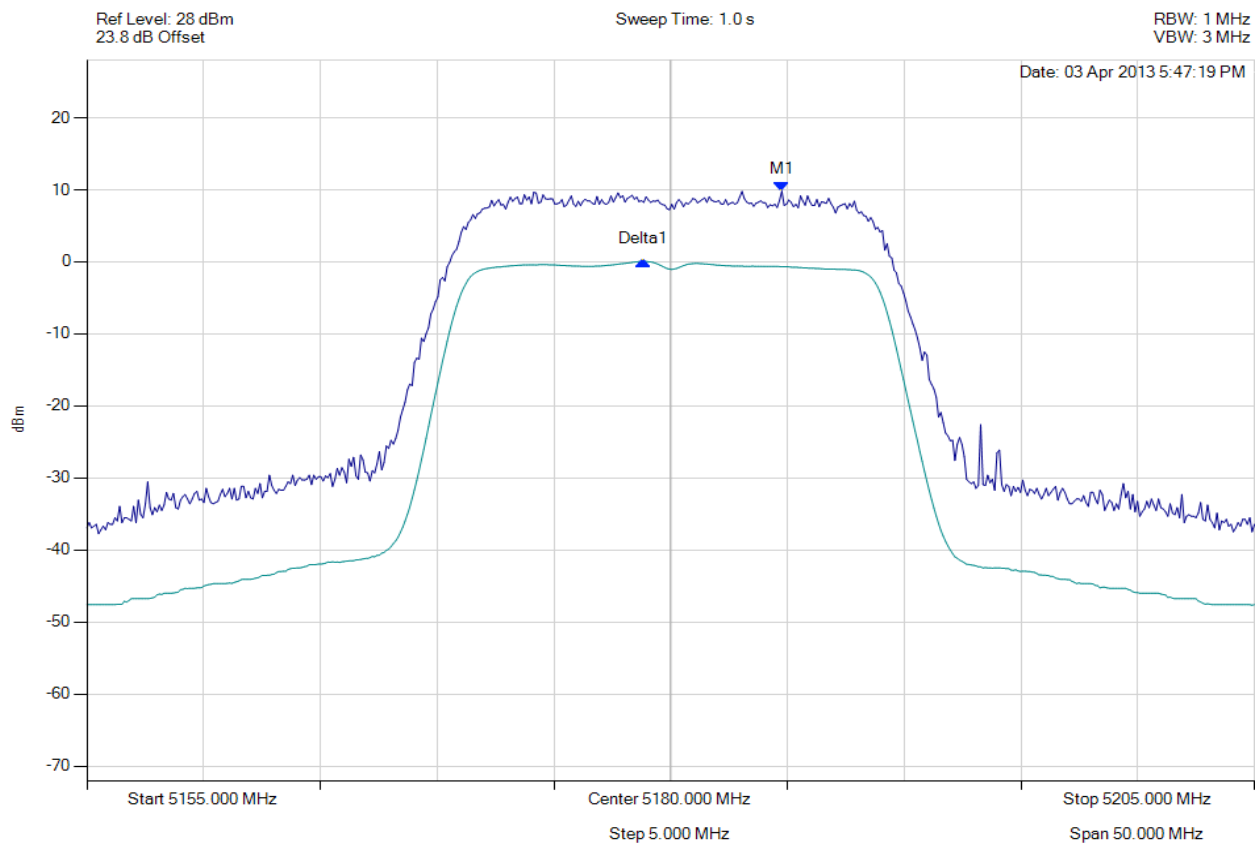
Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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A.1.3. Peak Excursion Ratio



PEAK EXCURSION RATIO

Variant: 802.11a, Channel: 5180.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 20 TRACE 1: Detector = MAX PEAK Trace Mode = VIEW TRACE 2: Detector = RMS Trace Mode = VIEW	M1 : 5184.760 MHz : 9.805 dBm Delta1 : -5911824 Hz : -9.733 dB	Measured Excursion Ratio: 9.73 dB Limit: 13.0 dB Margin: -3.27 dB

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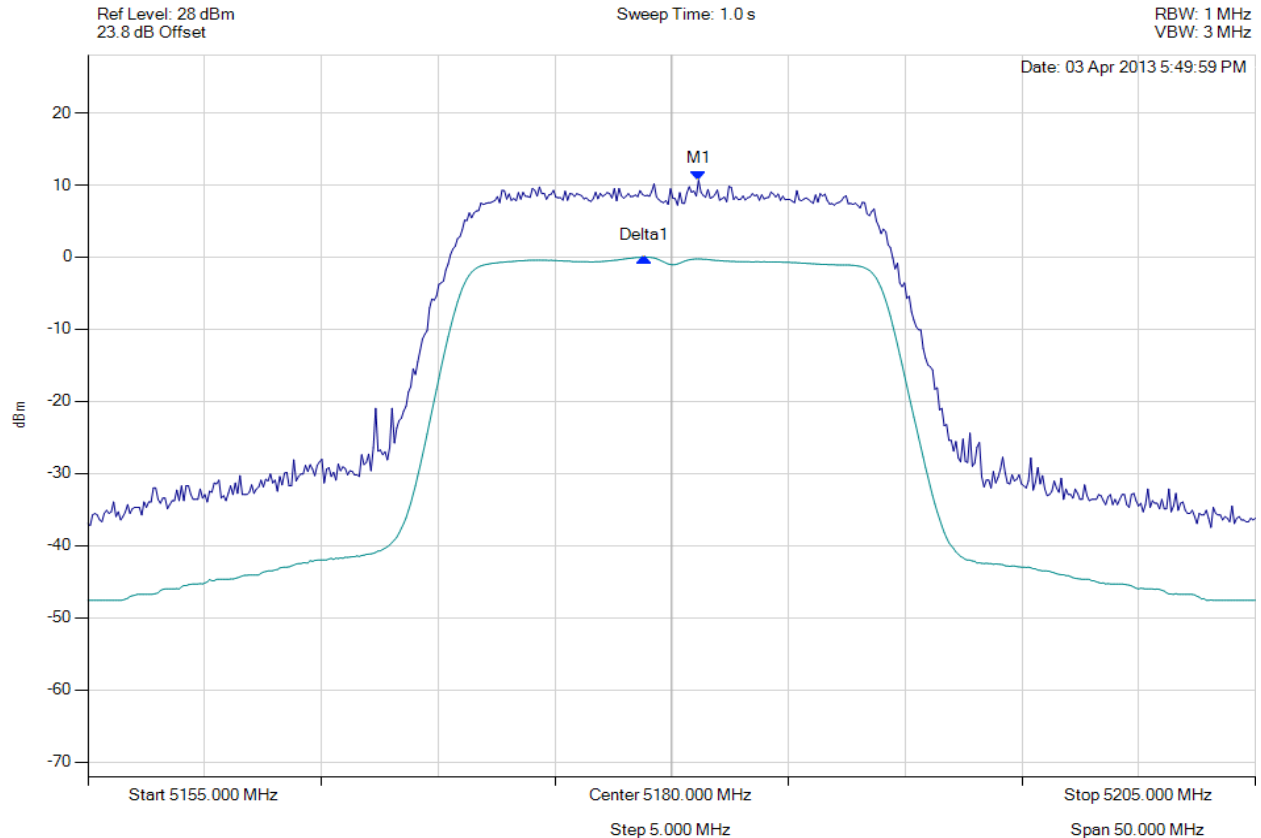


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK EXCURSION RATIO

Variant: 802.11n HT-20, Channel: 5180.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 20 TRACE 1: Detector = MAX PEAK Trace Mode = VIEW TRACE 2: Detector = RMS Trace Mode = VIEW	M1 : 5181.152 MHz : 10.652 dBm Delta1 : -2304609 Hz : -10.637 dB	Measured Excursion Ratio: 10.64 dB Limit: 13.0 dB Margin: -2.36 dB

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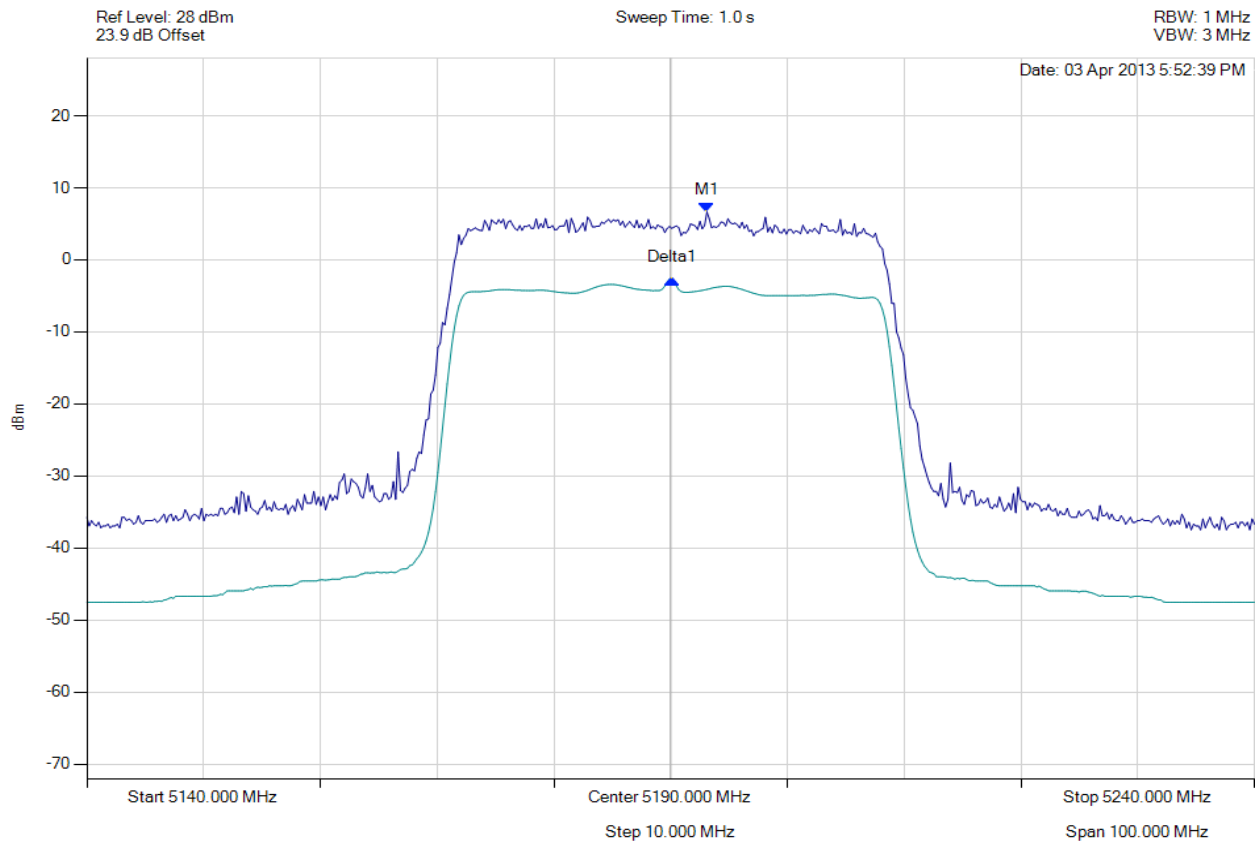


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK EXCURSION RATIO

Variant: 802.11n HT-40, Channel: 5190.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 20 TRACE 1: Detector = MAX PEAK Trace Mode = VIEW TRACE 2: Detector = RMS Trace Mode = VIEW	M1 : 5193.106 MHz : 6.637 dBm Delta1 : -3006012 Hz : -9.288 dB	Measured Excursion Ratio: 9.29 dB Limit: 13.0 dB Margin: -3.71 dB

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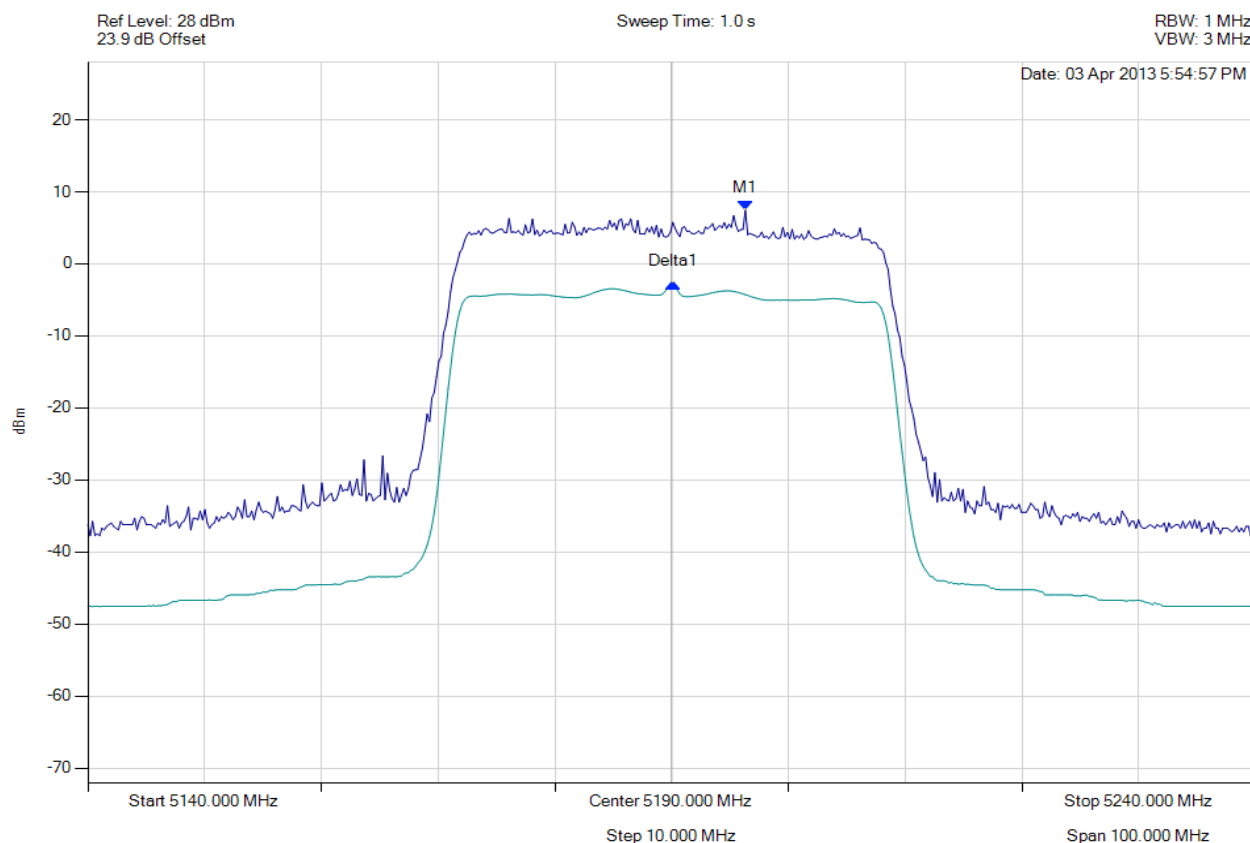


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK EXCURSION RATIO

Variant: 802.11ac-40, Channel: 5190.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 20 TRACE 1: Detector = MAX PEAK Trace Mode = VIEW TRACE 2: Detector = RMS Trace Mode = VIEW	M1 : 5196.313 MHz : 7.437 dBm Delta1 : -6212425 Hz : -10.102 dB	Measured Excursion Ratio: 10.10 dB Limit: 13.0 dB Margin: -2.90 dB

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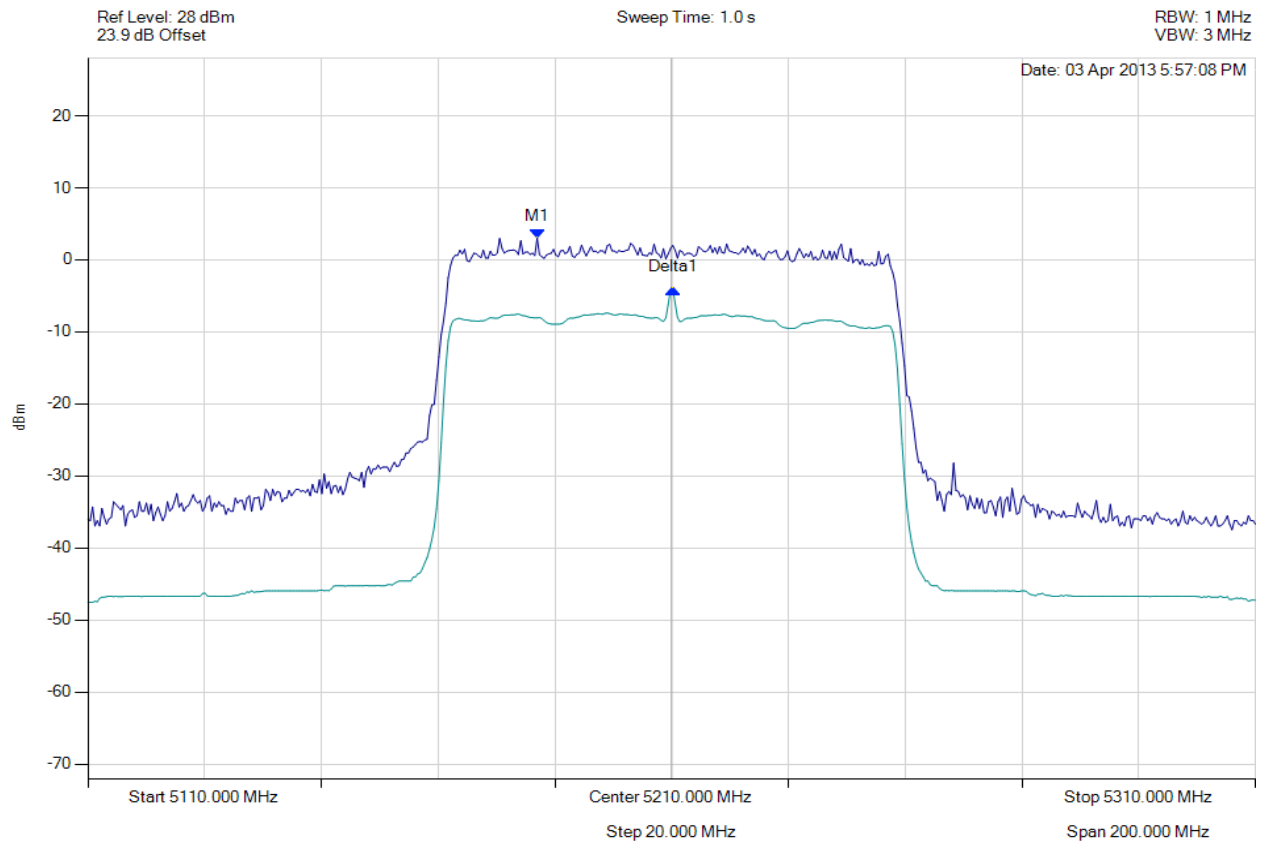


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
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PEAK EXCURSION RATIO

Variant: 802.11ac-80, Channel: 5210.00 MHz, Chain a, Temp: Ambient, Voltage: 48 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 20 TRACE 1: Detector = MAX PEAK Trace Mode = VIEW TRACE 2: Detector = RMS Trace Mode = VIEW	M1 : 5186.954 MHz : 3.018 dBm Delta1 : 23.246 MHz : -7.068 dB	Measured Excursion Ratio: 7.07 dB Limit: 13.0 dB Margin: -5.93 dB

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