



Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 185 of 373

APPENDIX

A. SUPPORTING INFORMATION

A.1. CONDUCTED TEST PLOTS

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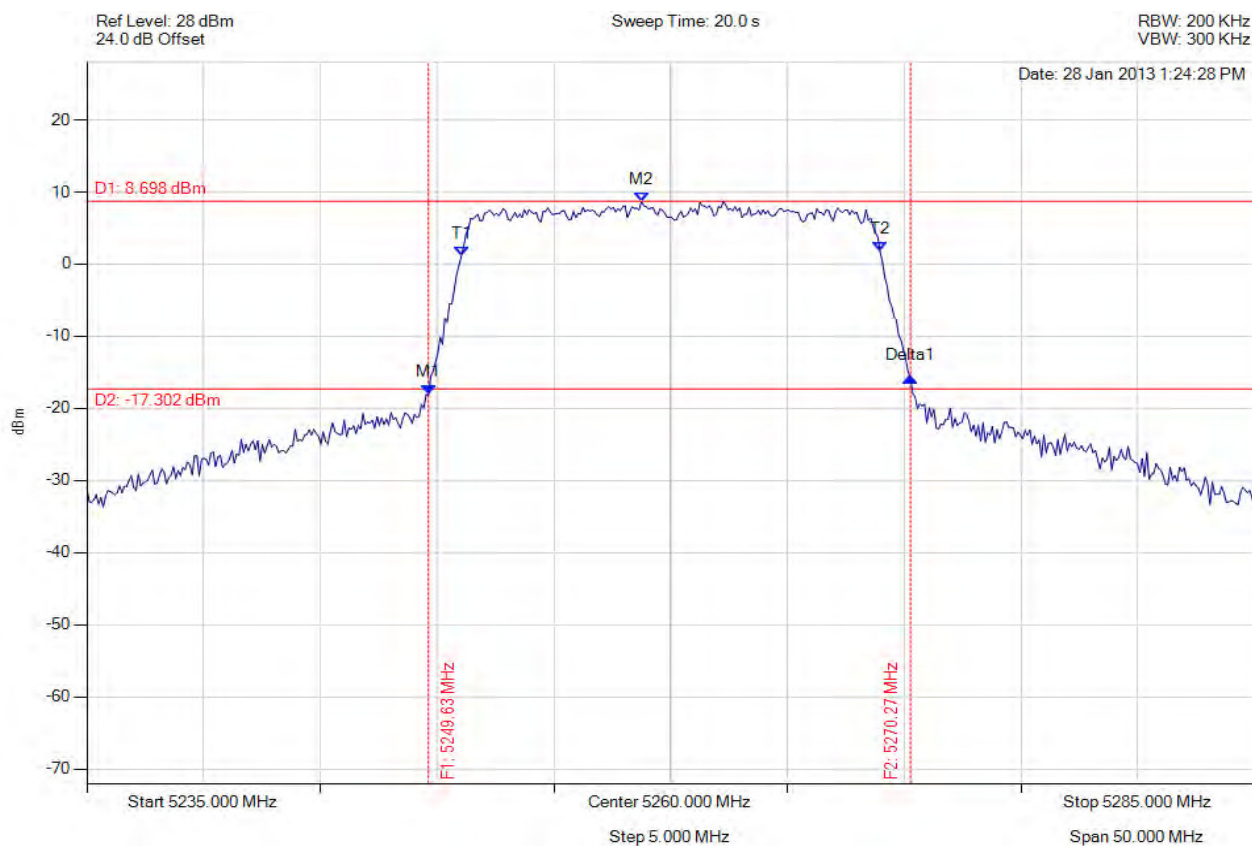


A.1.1. 26 dB & 99% Bandwidth



26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5260.00 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 : 5249.629 MHz : -18.087 dBm M2 : 5258.747 MHz : 8.698 dBm Delta1 : 20.641 MHz : 2.323 dB T1 : 5251.032 MHz : 1.077 dBm T2 : 5268.968 MHz : 1.730 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 20.641 MHz Measured 99% Bandwidth: 17.936 MHz

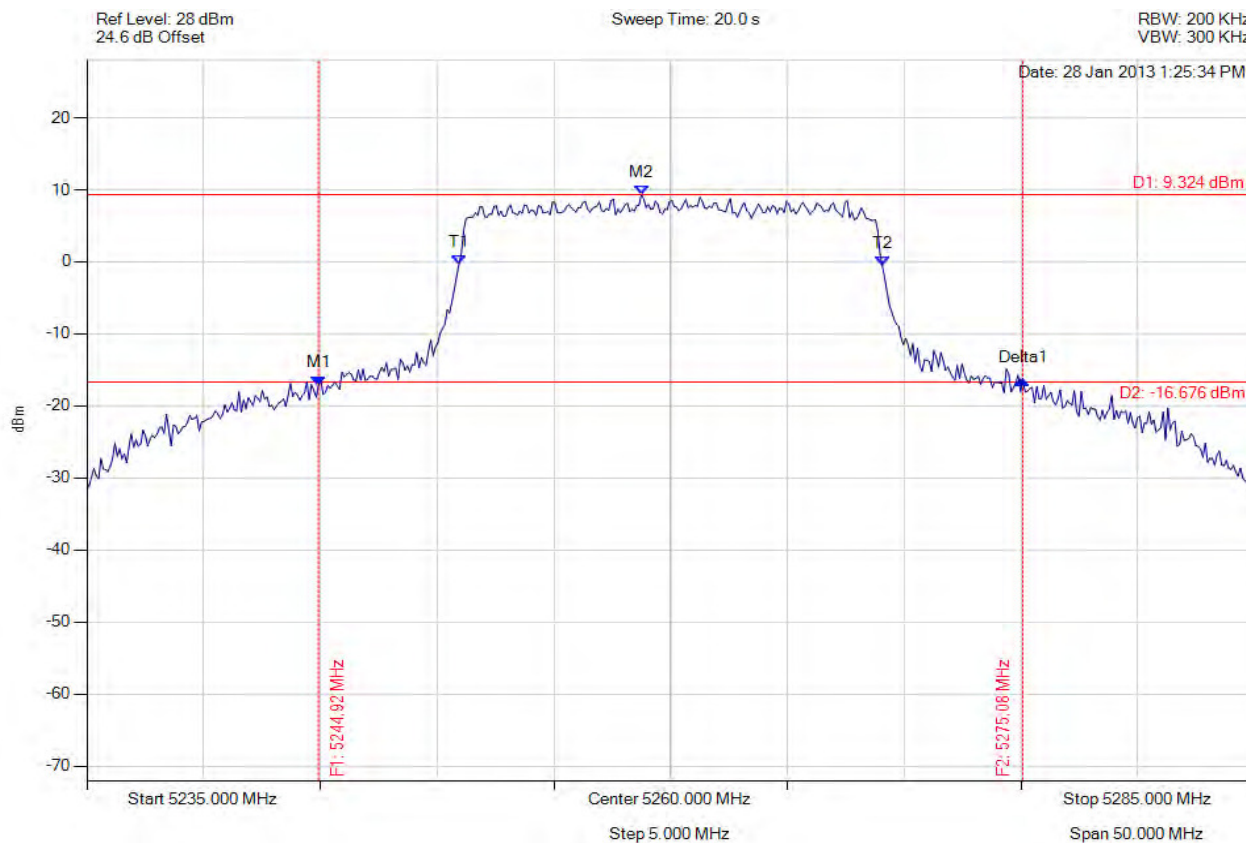
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5260.00 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 : 5244.920 MHz : -17.139 dBm M2 : 5258.747 MHz : 9.324 dBm Delta1 : 30.160 MHz : 0.746 dB T1 : 5250.932 MHz : -0.322 dBm T2 : 5269.068 MHz : -0.601 dBm OBW : 18.136 MHz	Measured 26 dB Bandwidth: 30.160 MHz Measured 99% Bandwidth: 18.136 MHz

[Back to the Matrix](#)

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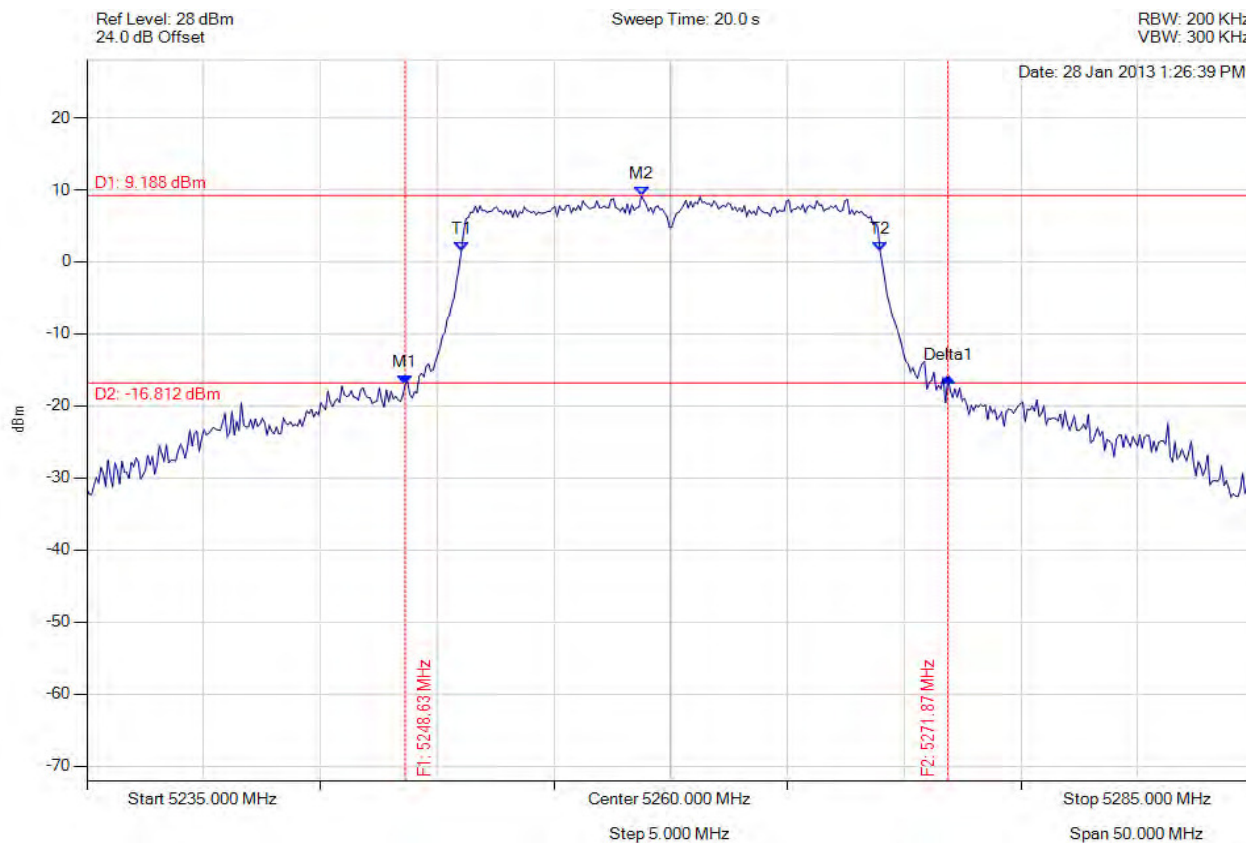


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 188 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5260.00 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 : 5248.627 MHz : -17.123 dBm M2 : 5258.747 MHz : 9.188 dBm Delta1 : 23.246 MHz : 1.088 dB T1 : 5251.032 MHz : 1.443 dBm T2 : 5268.968 MHz : 1.478 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 23.246 MHz Measured 99% Bandwidth: 17.936 MHz

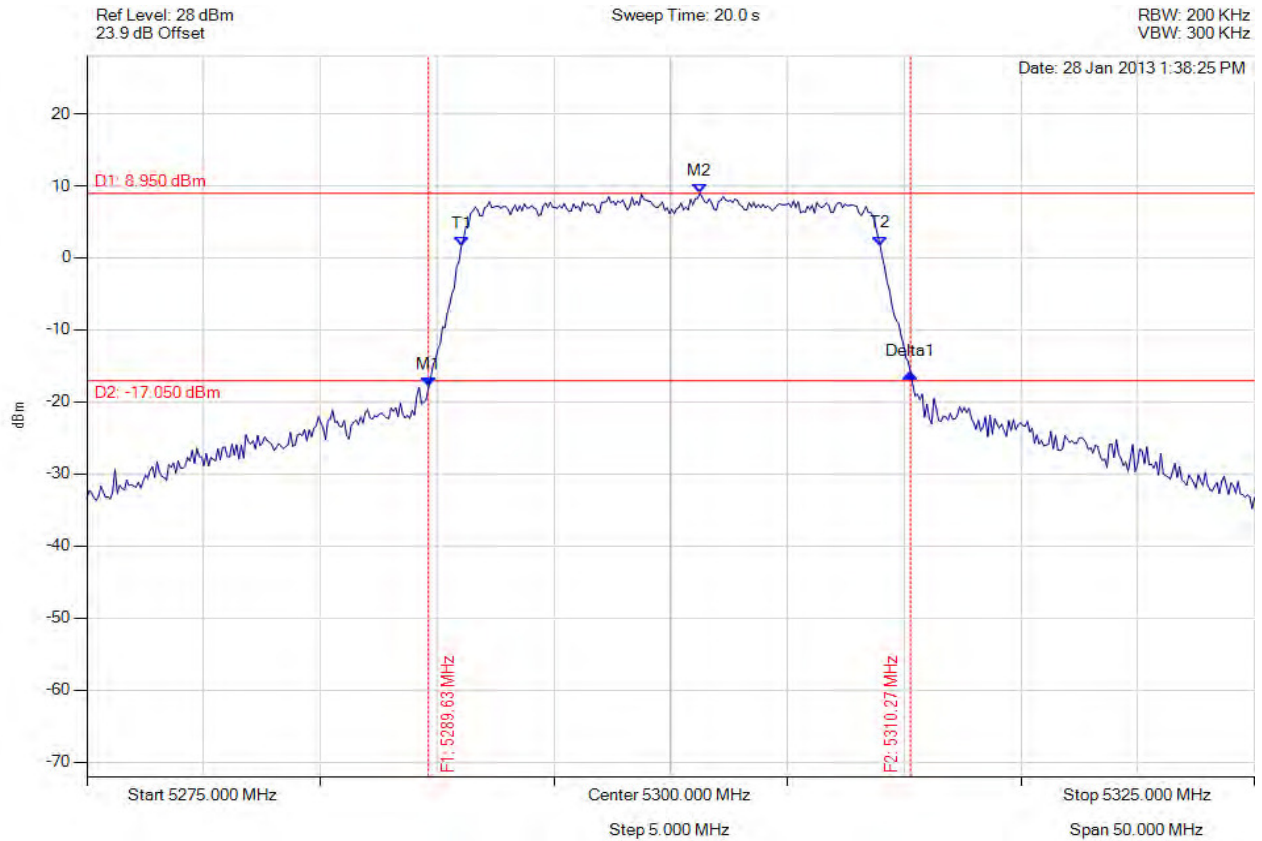
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5300.00 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 : 5289.629 MHz : -17.959 dBm M2 : 5301.253 MHz : 8.950 dBm Delta1 : 20.641 MHz : 1.973 dB T1 : 5291.032 MHz : 1.580 dBm T2 : 5308.968 MHz : 1.708 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 20.641 MHz Measured 99% Bandwidth: 17.936 MHz

[Back to the Matrix](#)

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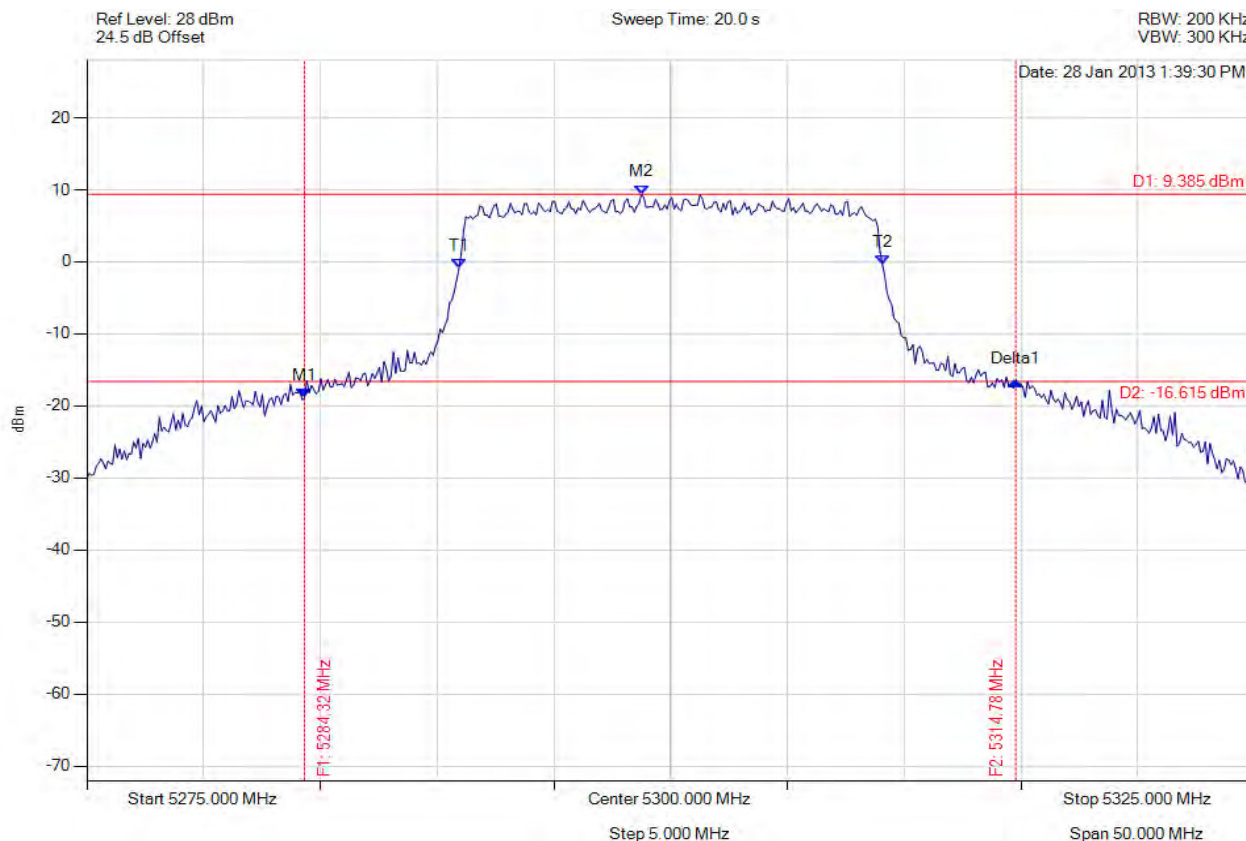


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 190 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5300.00 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 : 5284.319 MHz : -18.870 dBm M2 : 5298.747 MHz : 9.385 dBm Delta1 : 30.461 MHz : 2.390 dB T1 : 5290.932 MHz : -0.934 dBm T2 : 5309.068 MHz : -0.361 dBm OBW : 18.136 MHz	Measured 26 dB Bandwidth: 30.461 MHz Measured 99% Bandwidth: 18.136 MHz

[Back to the Matrix](#)

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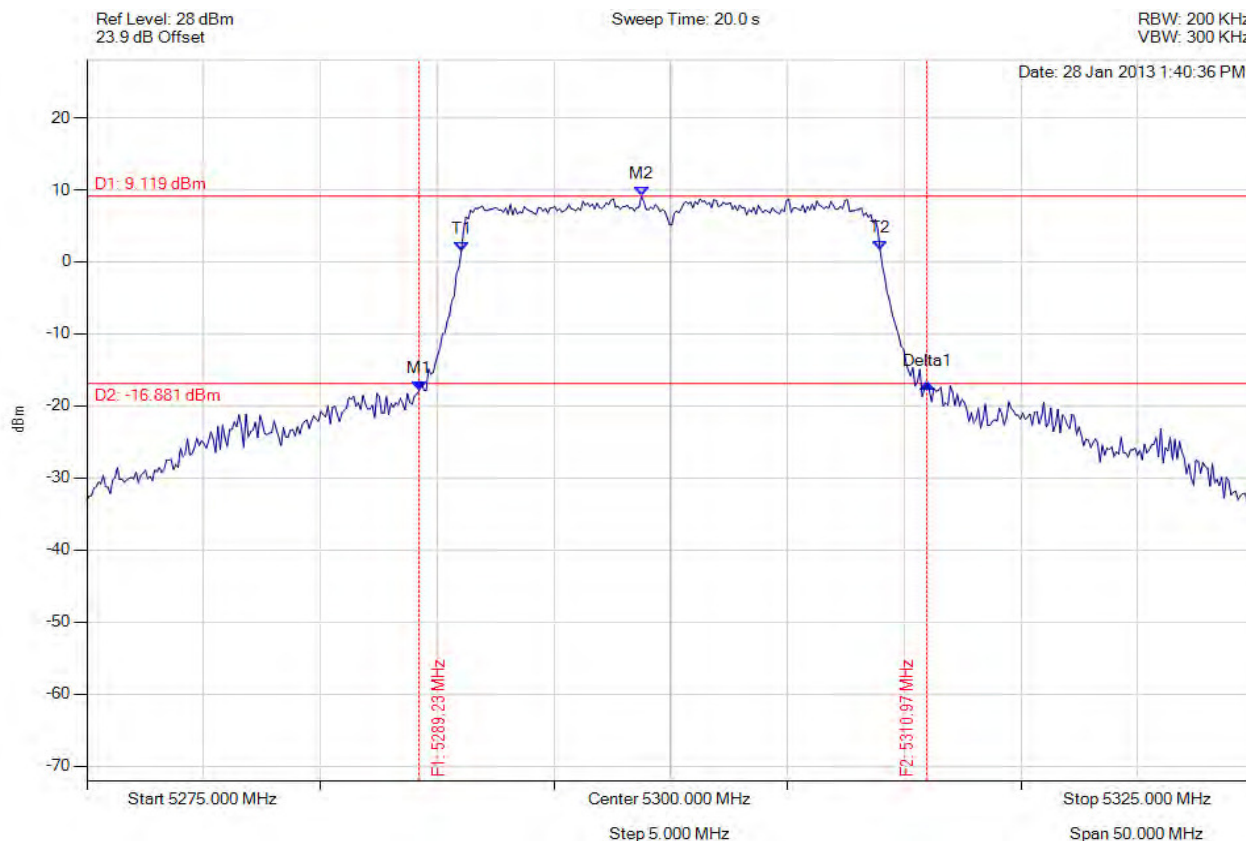


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 191 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5300.00 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 : 5289.228 MHz : -17.824 dBm M2 : 5298.747 MHz : 9.119 dBm Delta1 : 21.743 MHz : 0.946 dB T1 : 5291.032 MHz : 1.447 dBm T2 : 5308.968 MHz : 1.620 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 21.743 MHz Measured 99% Bandwidth: 17.936 MHz

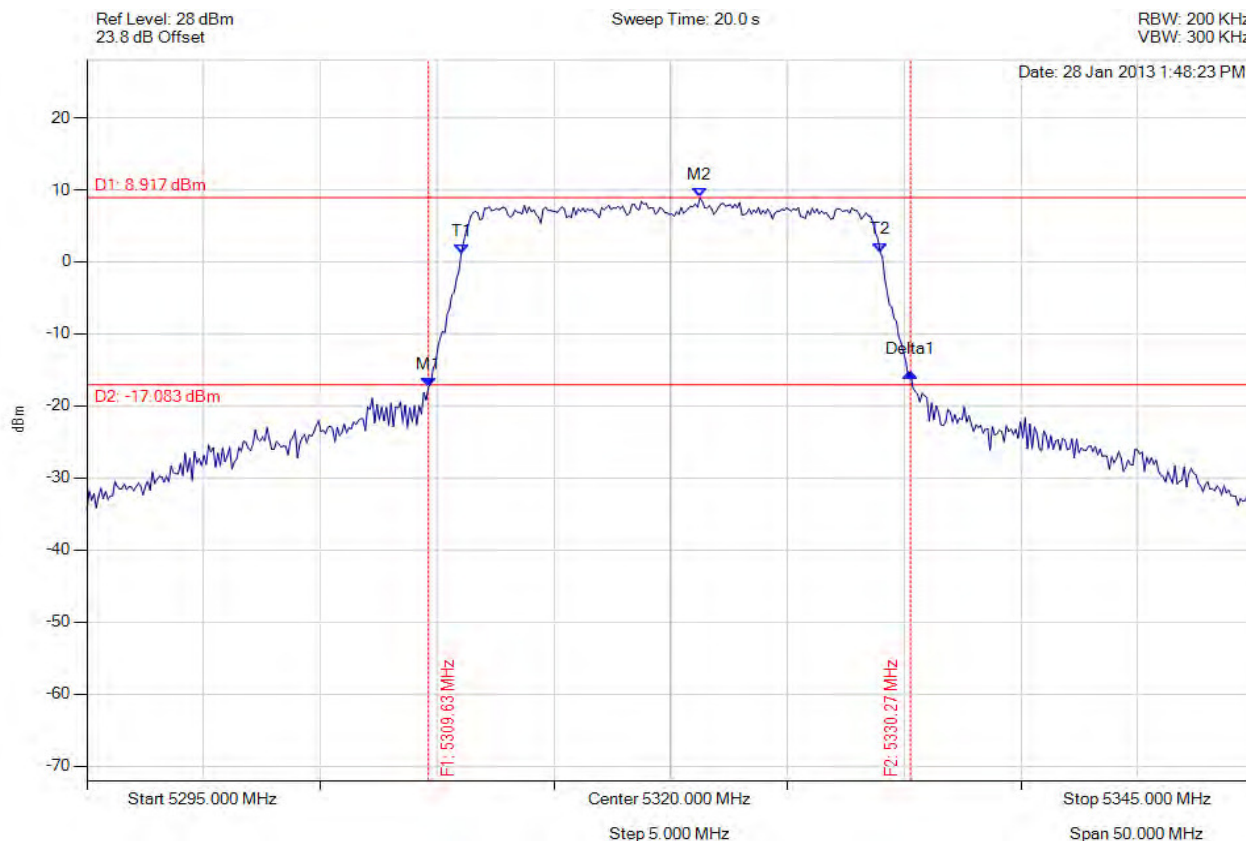
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5320.00 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 : 5309.629 MHz : -17.322 dBm M2 : 5321.253 MHz : 8.917 dBm Delta1 : 20.641 MHz : 2.030 dB T1 : 5311.032 MHz : 1.183 dBm T2 : 5328.968 MHz : 1.378 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 20.641 MHz Measured 99% Bandwidth: 17.936 MHz

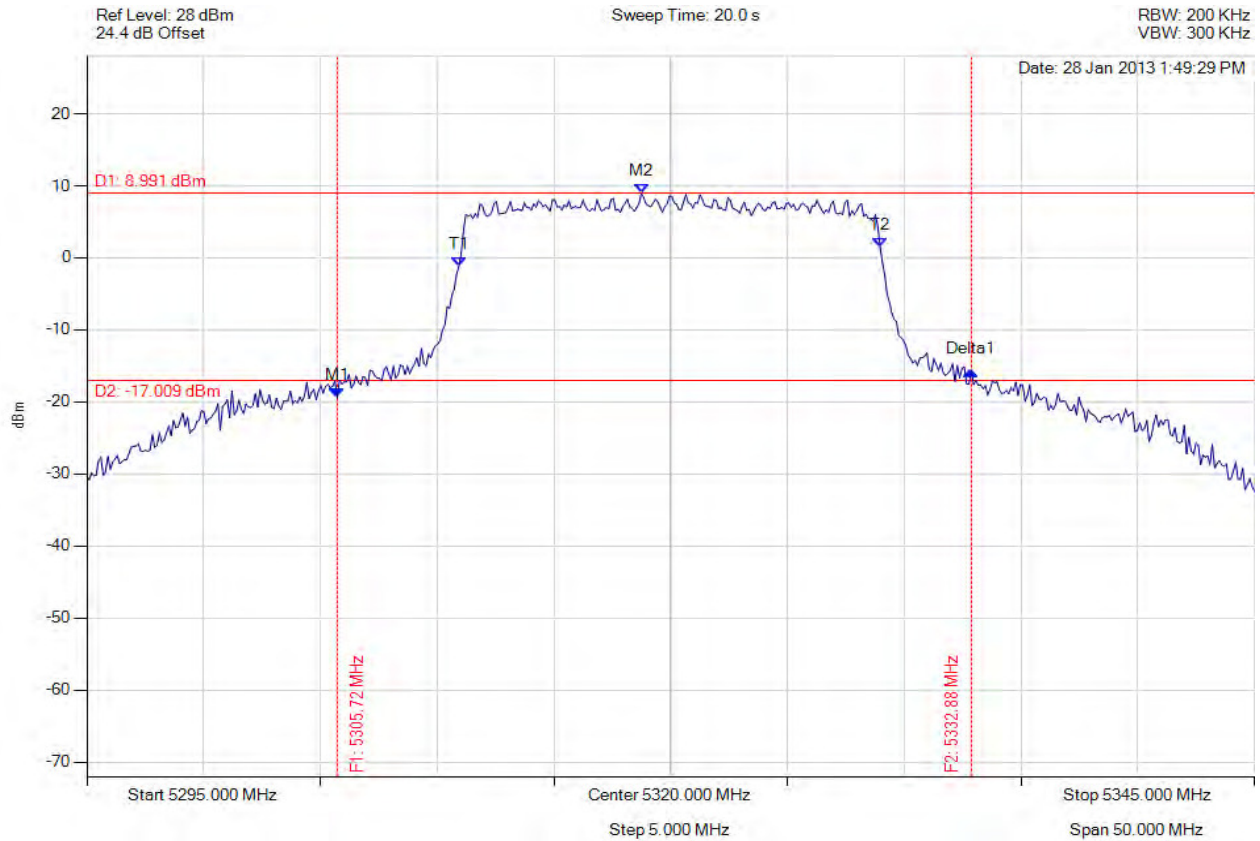
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5320.00 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 : 5305.721 MHz : -19.455 dBm M2 : 5318.747 MHz : 8.991 dBm Delta1 : 27.154 MHz : 3.693 dB T1 : 5310.932 MHz : -1.196 dBm T2 : 5328.968 MHz : 1.508 dBm OBW : 18.036 MHz	Measured 26 dB Bandwidth: 27.154 MHz Measured 99% Bandwidth: 18.036 MHz

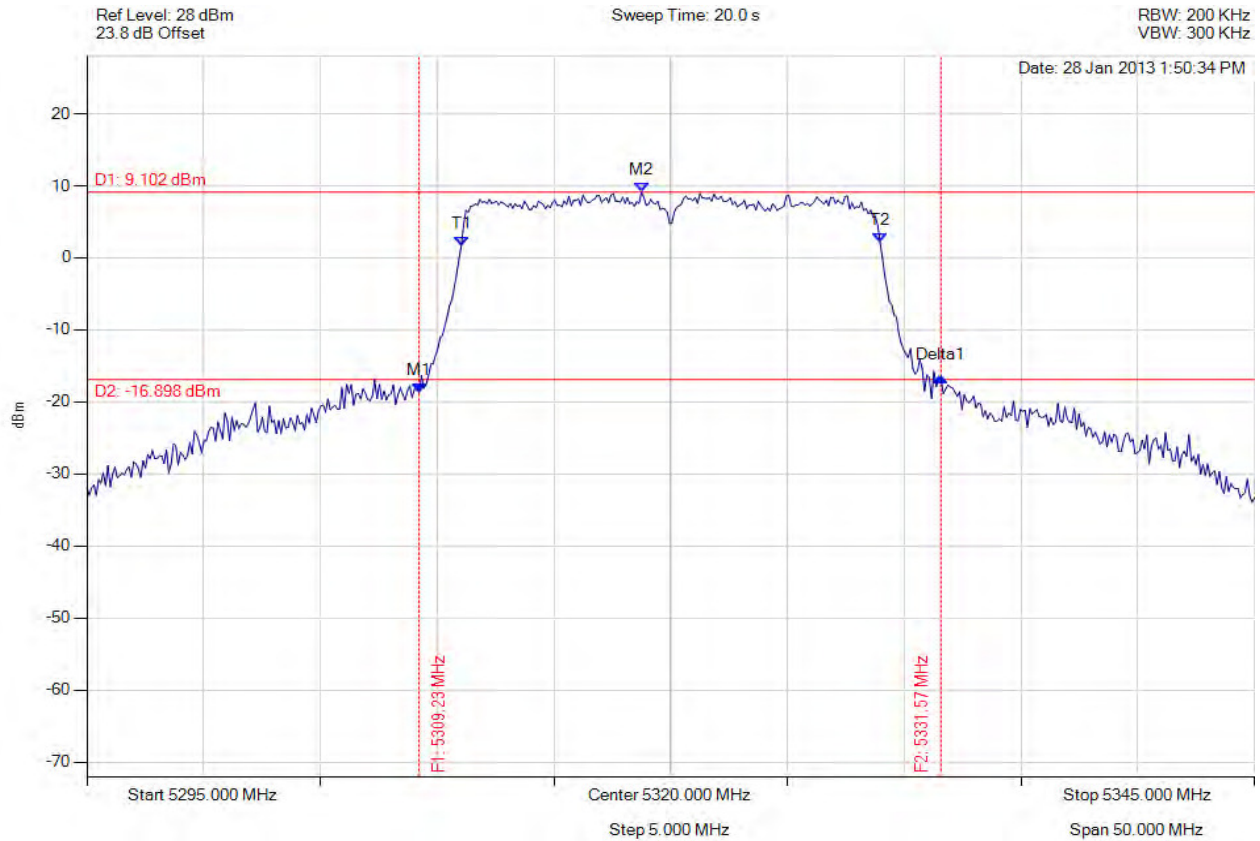
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5320.00 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 : 5309.228 MHz : -18.683 dBm M2 : 5318.747 MHz : 9.102 dBm Delta1 : 22.345 MHz : 2.107 dB T1 : 5311.032 MHz : 1.657 dBm T2 : 5328.968 MHz : 2.123 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 22.345 MHz Measured 99% Bandwidth: 17.936 MHz

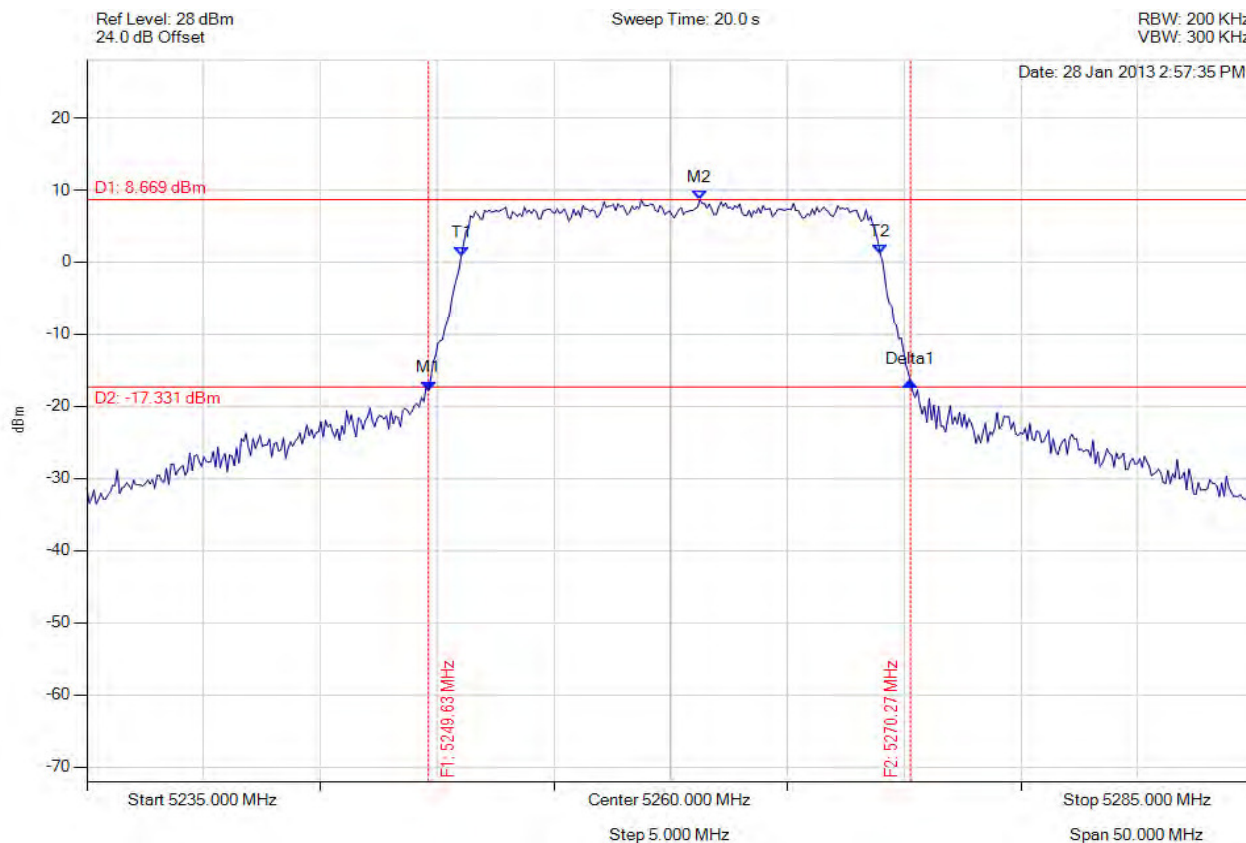
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5260.00 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 : 5249.629 MHz : -17.798 dBm M2 : 5261.253 MHz : 8.669 dBm Delta1 : 20.641 MHz : 1.196 dB T1 : 5251.032 MHz : 0.886 dBm T2 : 5268.968 MHz : 1.199 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 20.641 MHz Measured 99% Bandwidth: 17.936 MHz

[Back to the Matrix](#)

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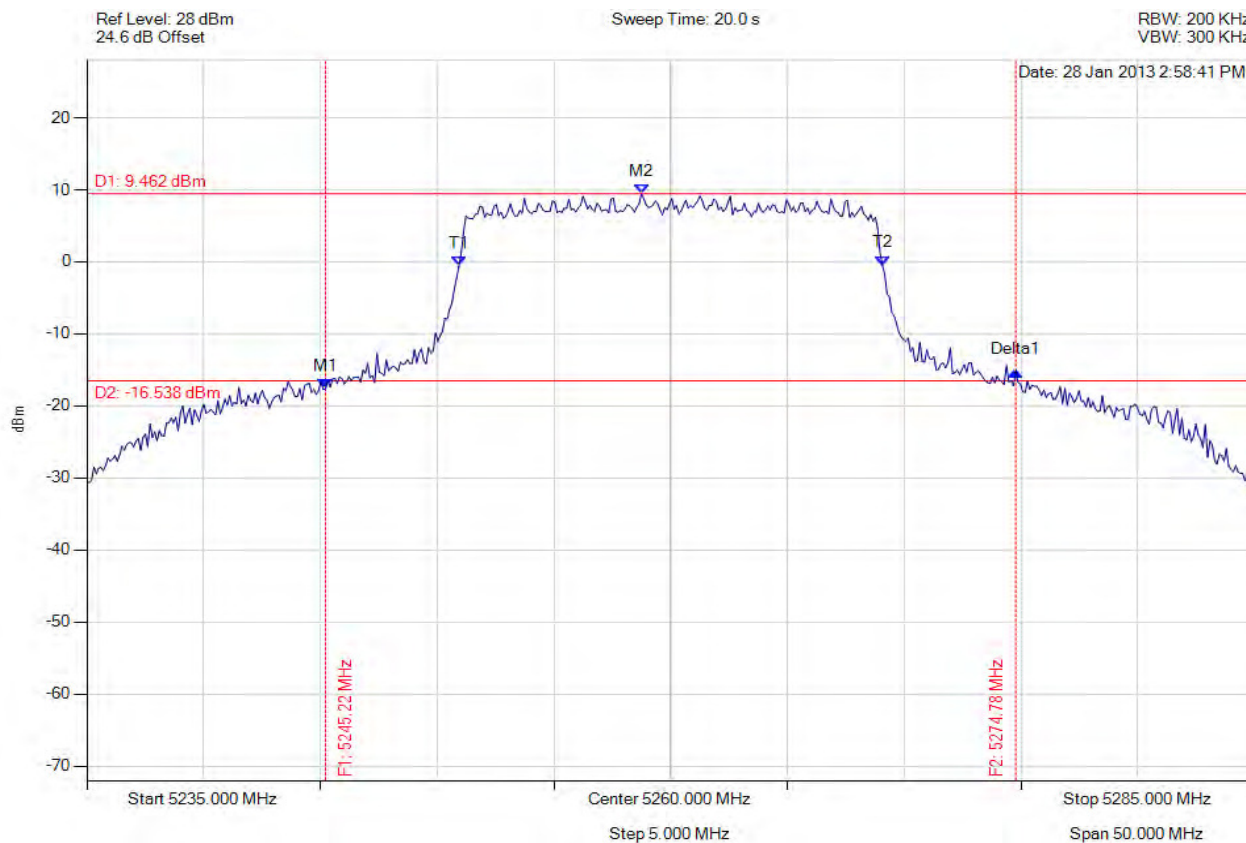


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 196 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5260.00 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 : 5245.220 MHz : -17.623 dBm M2 : 5258.747 MHz : 9.462 dBm Delta1 : 29.559 MHz : 2.426 dB T1 : 5250.932 MHz : -0.592 dBm T2 : 5269.068 MHz : -0.460 dBm OBW : 18.136 MHz	Measured 26 dB Bandwidth: 29.559 MHz Measured 99% Bandwidth: 18.136 MHz

[Back to the Matrix](#)

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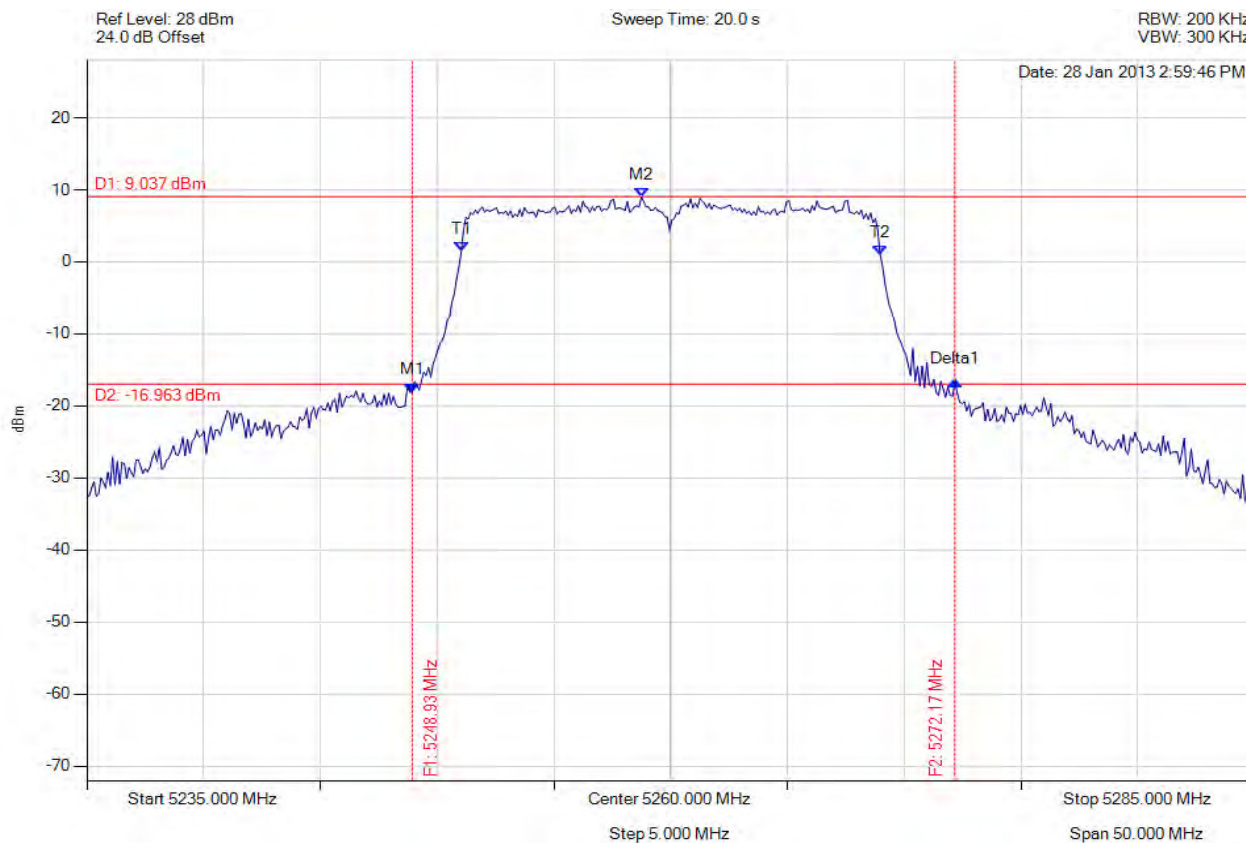


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 197 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5260.00 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 : 5248.928 MHz : -18.131 dBm M2 : 5258.747 MHz : 9.037 dBm Delta1 : 23.246 MHz : 1.576 dB T1 : 5251.032 MHz : 1.388 dBm T2 : 5268.968 MHz : 0.984 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 23.246 MHz Measured 99% Bandwidth: 17.936 MHz

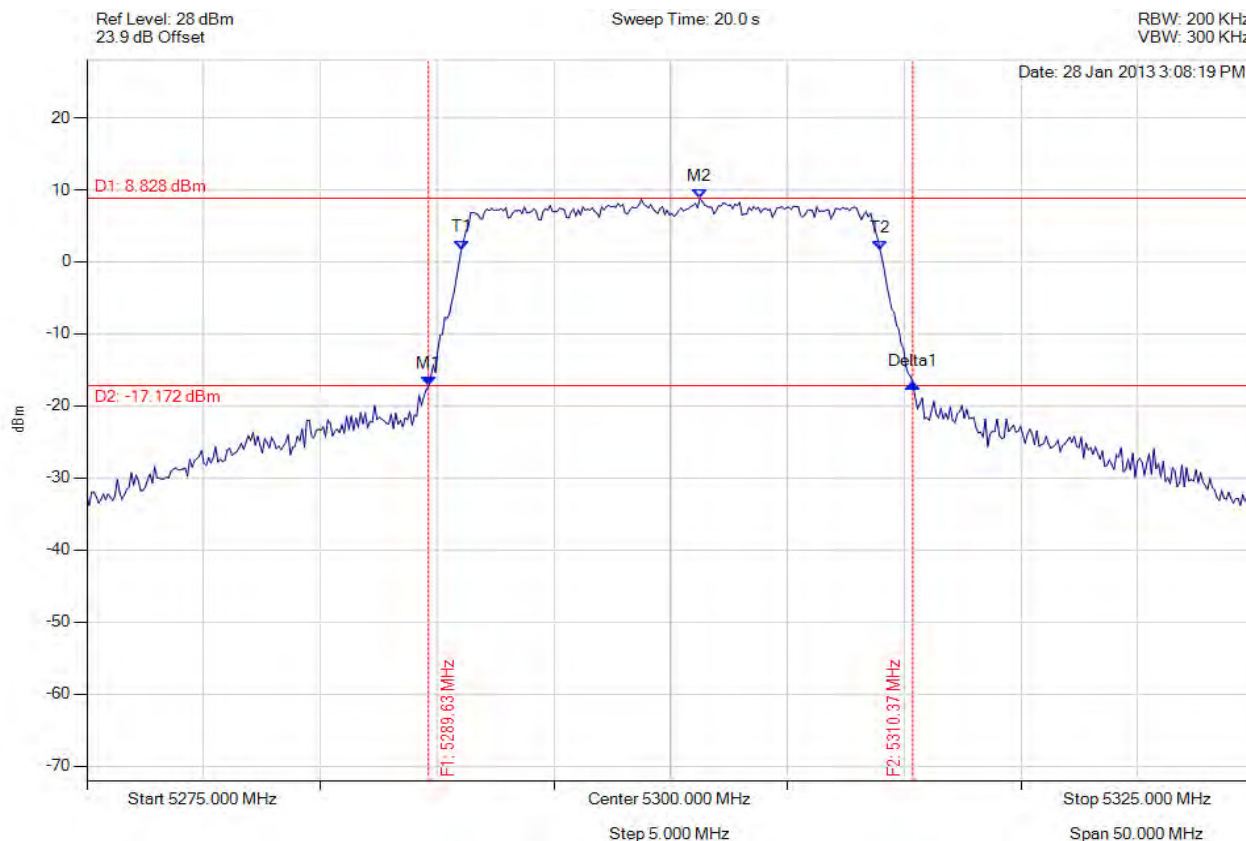
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5300.00 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 : 5289.629 MHz : -17.257 dBm M2 : 5301.253 MHz : 8.828 dBm Delta1 : 20.741 MHz : 0.403 dB T1 : 5291.032 MHz : 1.714 dBm T2 : 5308.968 MHz : 1.600 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 20.741 MHz Measured 99% Bandwidth: 17.936 MHz

[Back to the Matrix](#)

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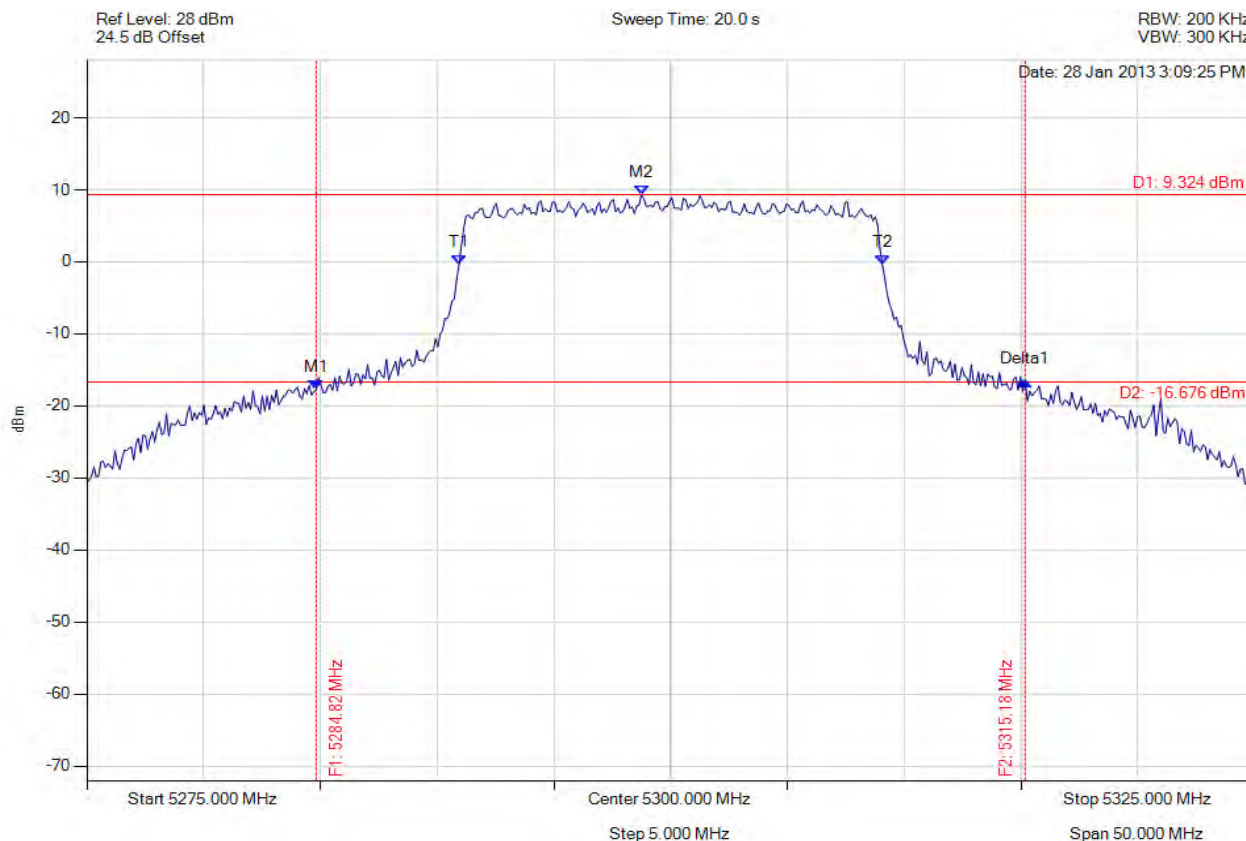


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 199 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5300.00 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 : 5284.820 MHz : -17.751 dBm M2 : 5298.747 MHz : 9.324 dBm Delta1 : 30.361 MHz : 1.165 dB T1 : 5290.932 MHz : -0.397 dBm T2 : 5309.068 MHz : -0.442 dBm OBW : 18.136 MHz	Measured 26 dB Bandwidth: 30.361 MHz Measured 99% Bandwidth: 18.136 MHz

[Back to the Matrix](#)

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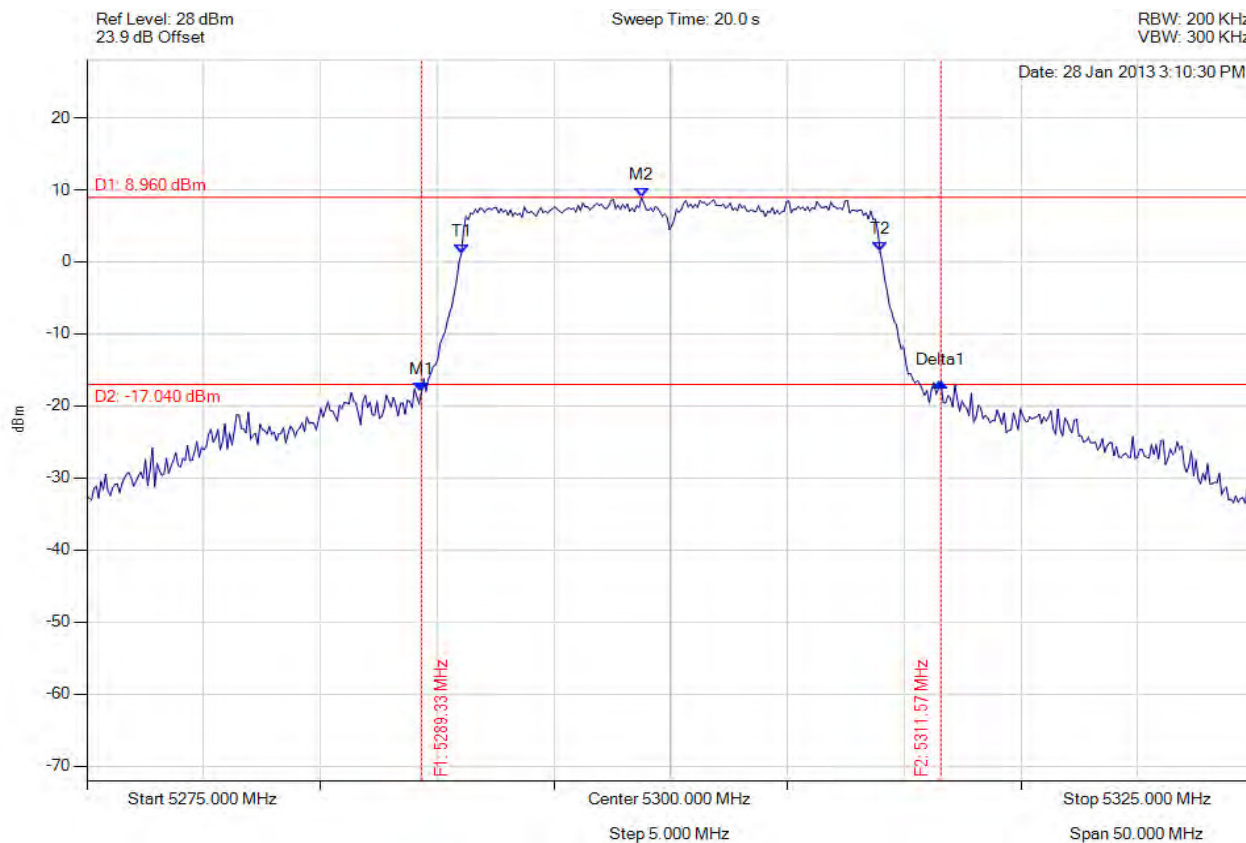


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 200 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5300.00 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 : 5289.329 MHz : -18.115 dBm M2 : 5298.747 MHz : 8.960 dBm Delta1 : 22.244 MHz : 1.348 dB T1 : 5291.032 MHz : 1.096 dBm T2 : 5308.968 MHz : 1.393 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 22.244 MHz Measured 99% Bandwidth: 17.936 MHz

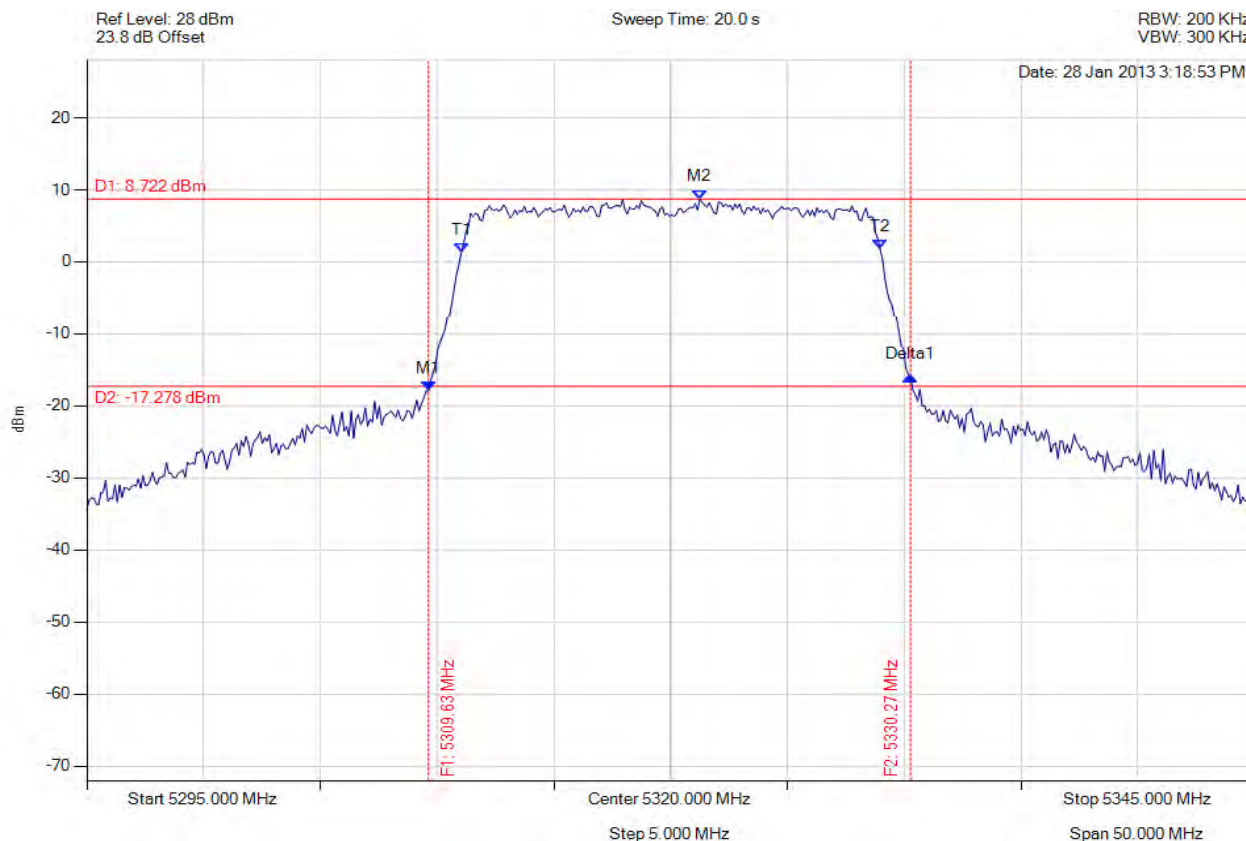
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5320.00 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 : 5309.629 MHz : -17.924 dBm M2 : 5321.253 MHz : 8.722 dBm Delta1 : 20.641 MHz : 2.089 dB T1 : 5311.032 MHz : 1.246 dBm T2 : 5328.968 MHz : 1.742 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 20.641 MHz Measured 99% Bandwidth: 17.936 MHz

[Back to the Matrix](#)

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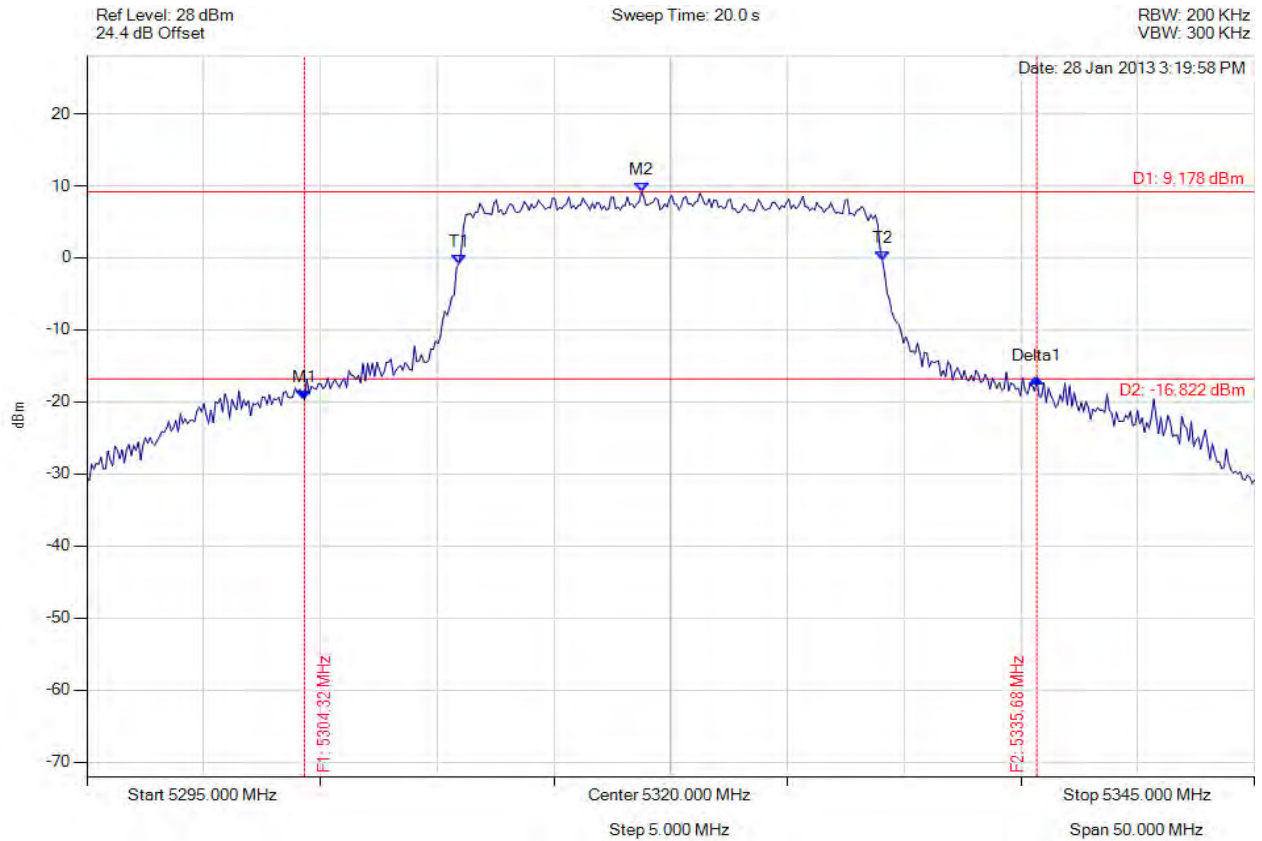


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 202 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5320.00 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 : 5304.319 MHz : -19.689 dBm M2 : 5318.747 MHz : 9.178 dBm Delta1 : 31.363 MHz : 2.937 dB T1 : 5310.932 MHz : -0.851 dBm T2 : 5329.068 MHz : -0.324 dBm OBW : 18.136 MHz	Measured 26 dB Bandwidth: 31.363 MHz Measured 99% Bandwidth: 18.136 MHz

[Back to the Matrix](#)

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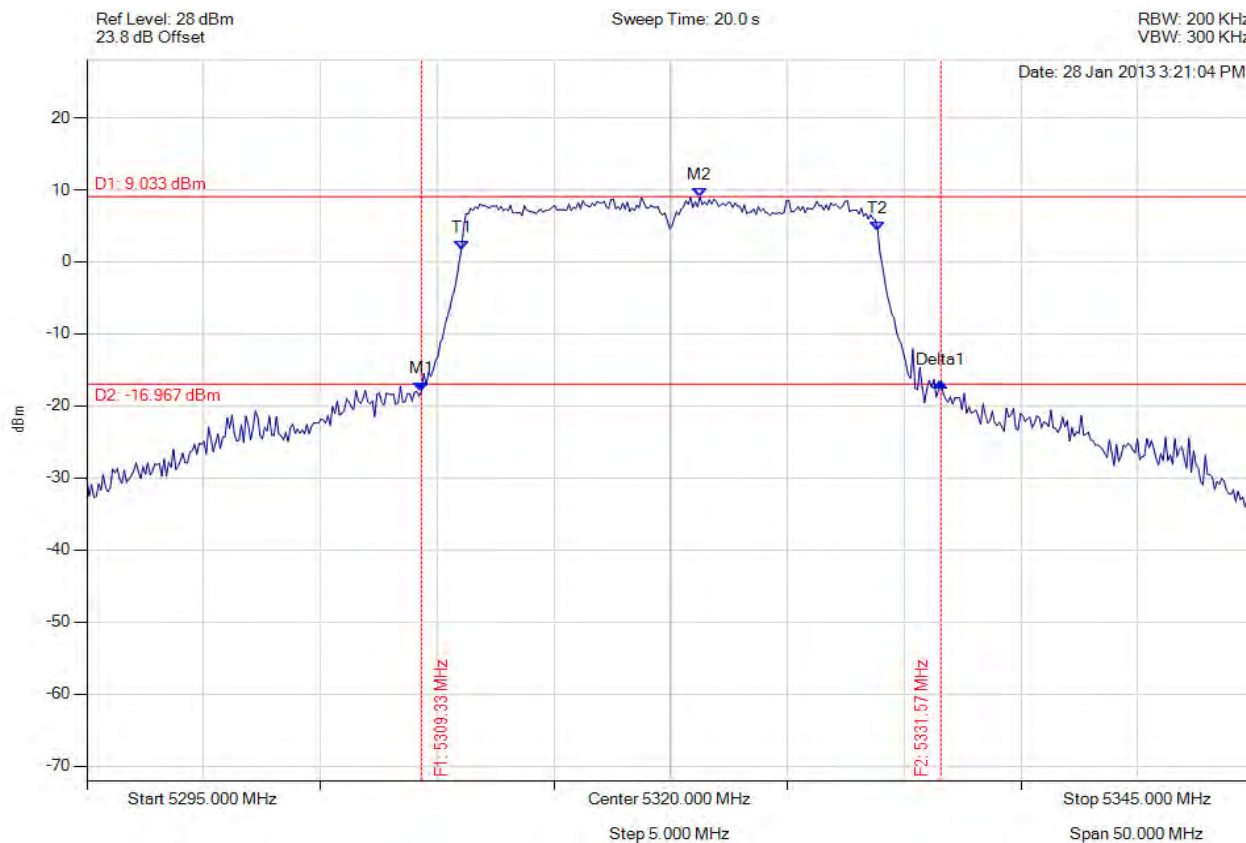


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 203 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5320.00 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 : 5309.329 MHz : -17.963 dBm M2 : 5321.253 MHz : 9.033 dBm Delta1 : 22.244 MHz : 1.269 dB T1 : 5311.032 MHz : 1.598 dBm T2 : 5328.868 MHz : 4.317 dBm OBW : 17.836 MHz	Measured 26 dB Bandwidth: 22.244 MHz Measured 99% Bandwidth: 17.836 MHz

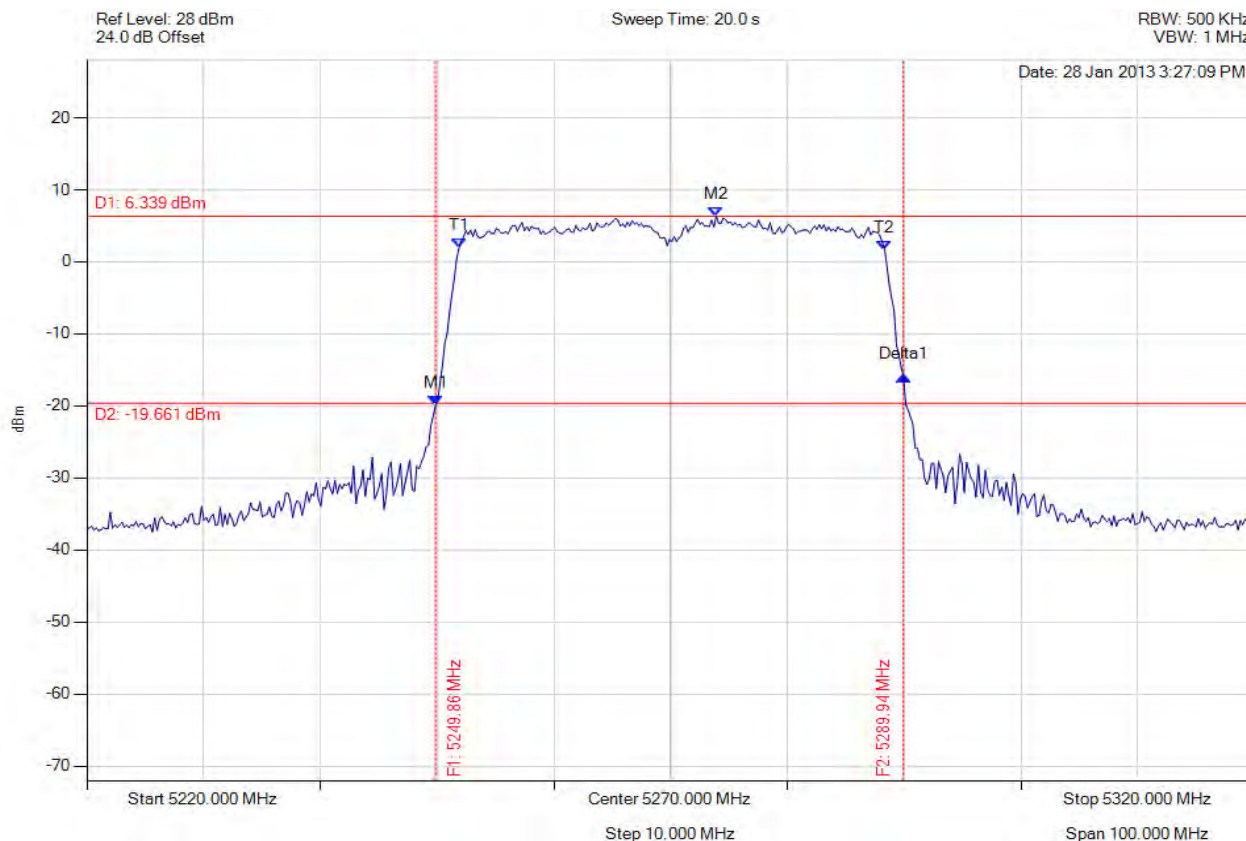
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5270.00 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 : 5249.860 MHz : -19.954 dBm M2 : 5273.908 MHz : 6.339 dBm Delta1 : 40.080 MHz : 4.017 dB T1 : 5251.864 MHz : 1.891 dBm T2 : 5288.337 MHz : 1.630 dBm OBW : 36.473 MHz	Measured 26 dB Bandwidth: 40.080 MHz Measured 99% Bandwidth: 36.473 MHz

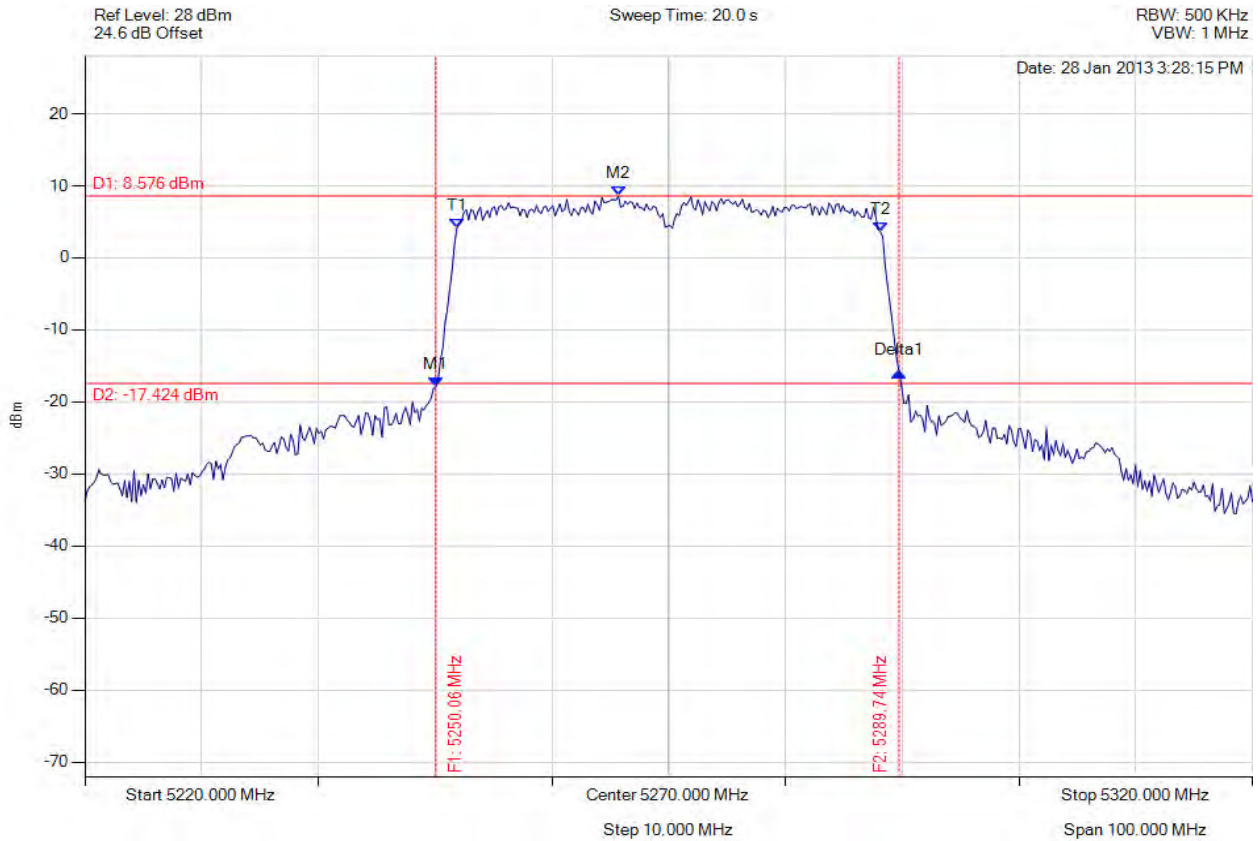
[Back to the Matrix](#)

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



26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5270.00 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 : 5250.060 MHz : -17.873 dBm M2 : 5265.691 MHz : 8.576 dBm Delta1 : 39.679 MHz : 1.948 dB T1 : 5251.864 MHz : 4.187 dBm T2 : 5288.136 MHz : 3.593 dBm OBW : 36.273 MHz	Measured 26 dB Bandwidth: 39.679 MHz Measured 99% Bandwidth: 36.273 MHz

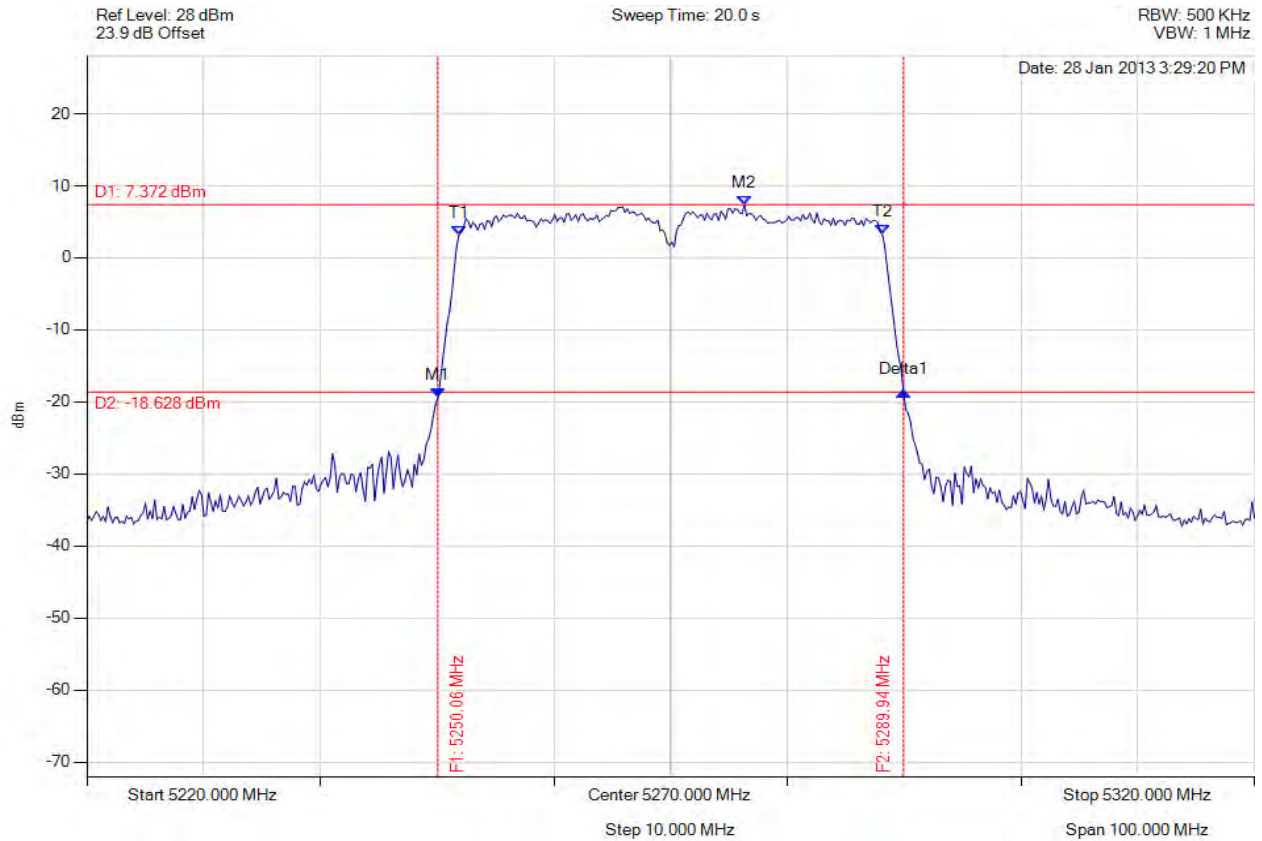
[Back to the Matrix](#)

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



26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5270.00 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 : 5250.060 MHz : -19.435 dBm M2 : 5276.313 MHz : 7.372 dBm Delta1 : 39.880 MHz : 0.921 dB T1 : 5251.864 MHz : 3.198 dBm T2 : 5288.136 MHz : 3.245 dBm OBW : 36.273 MHz	Measured 26 dB Bandwidth: 39.880 MHz Measured 99% Bandwidth: 36.273 MHz

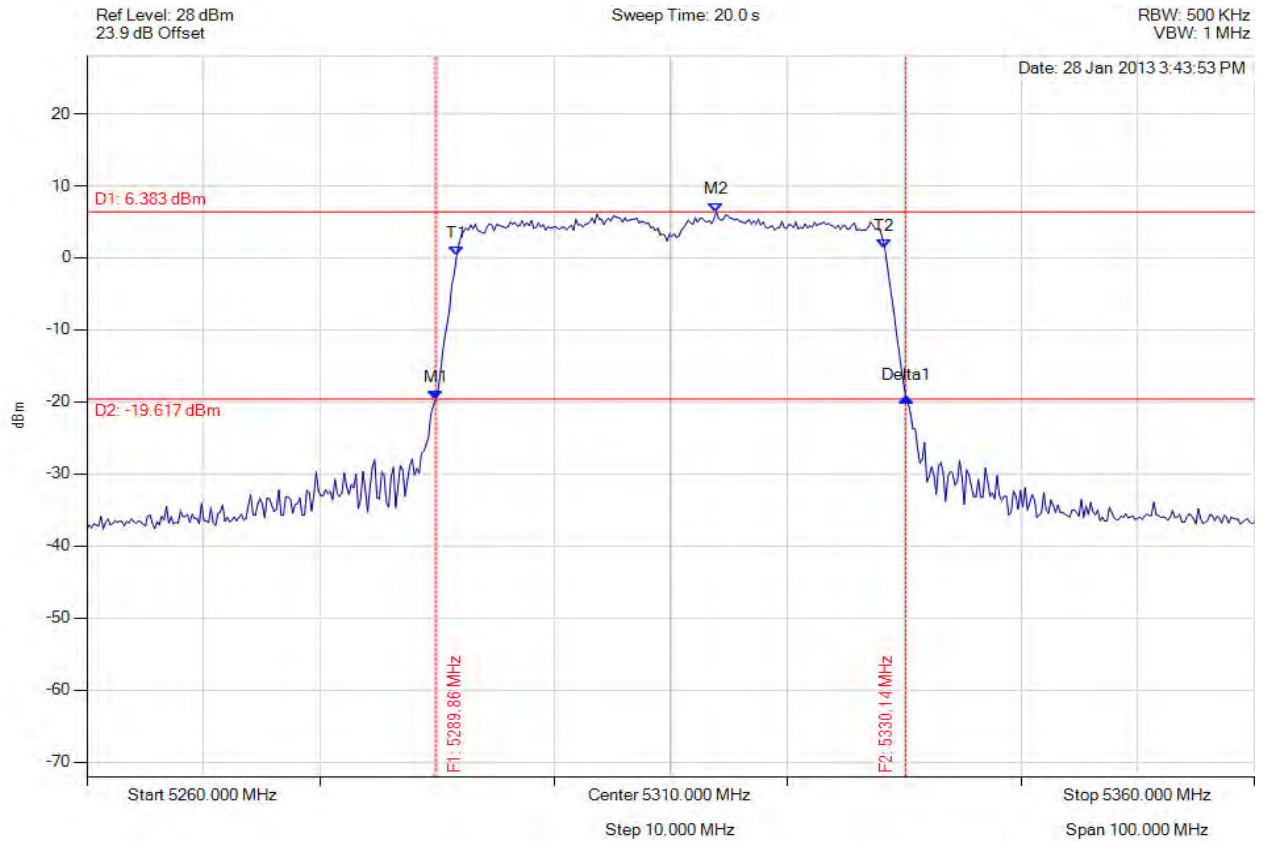
[Back to the Matrix](#)

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



26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5310.00 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 : 5289.860 MHz : -19.781 dBm M2 : 5313.908 MHz : 6.383 dBm Delta1 : 40.281 MHz : 0.411 dB T1 : 5291.663 MHz : 0.241 dBm T2 : 5328.337 MHz : 1.348 dBm OBW : 36.673 MHz	Measured 26 dB Bandwidth: 40.281 MHz Measured 99% Bandwidth: 36.673 MHz

[Back to the Matrix](#)

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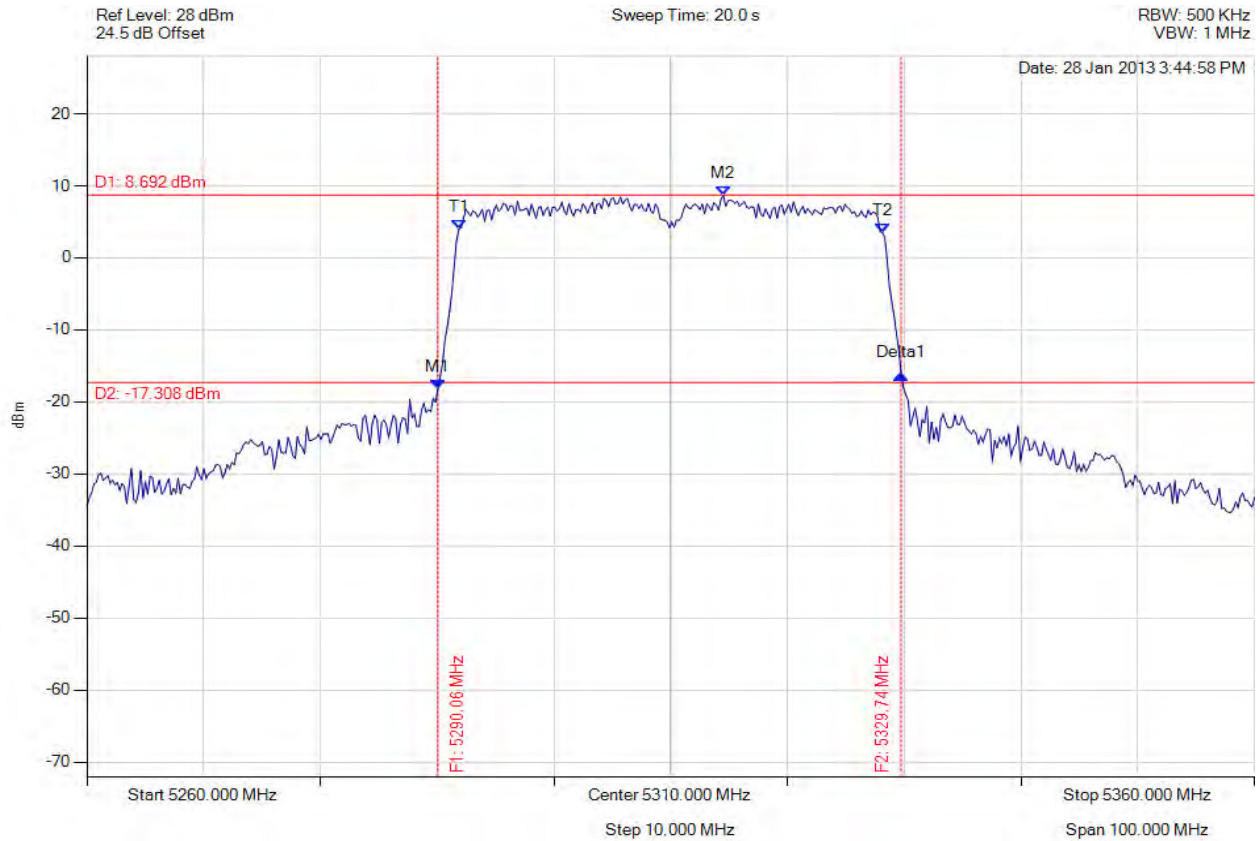


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 208 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5310.00 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 : 5290.060 MHz : -18.207 dBm M2 : 5314.509 MHz : 8.692 dBm Delta1 : 39.679 MHz : 2.050 dB T1 : 5291.864 MHz : 4.028 dBm T2 : 5328.136 MHz : 3.532 dBm OBW : 36.273 MHz	Measured 26 dB Bandwidth: 39.679 MHz Measured 99% Bandwidth: 36.273 MHz

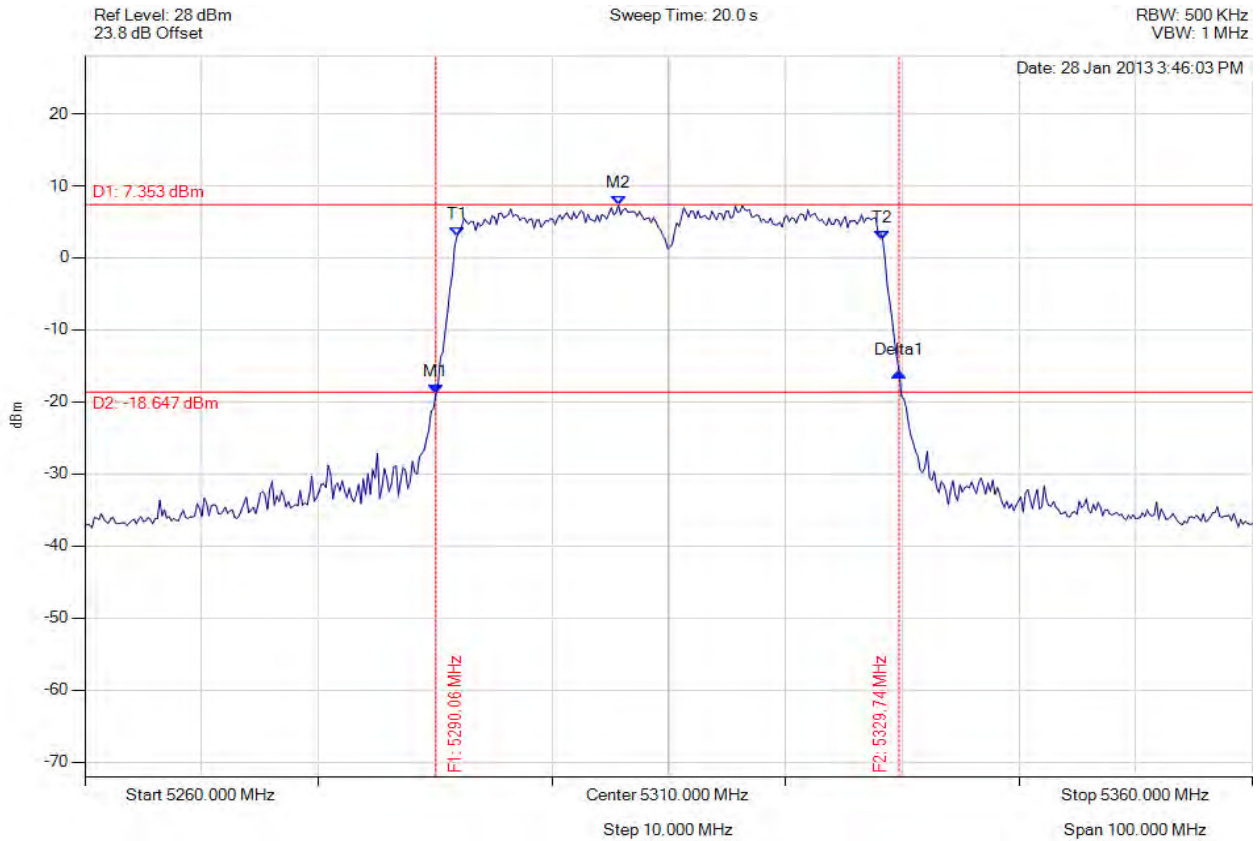
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5310.00 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 : 5290.060 MHz : -18.864 dBm M2 : 5305.691 MHz : 7.353 dBm Delta1 : 39.679 MHz : 3.042 dB T1 : 5291.864 MHz : 2.991 dBm T2 : 5328.337 MHz : 2.519 dBm OBW : 36.473 MHz	Measured 26 dB Bandwidth: 39.679 MHz Measured 99% Bandwidth: 36.473 MHz

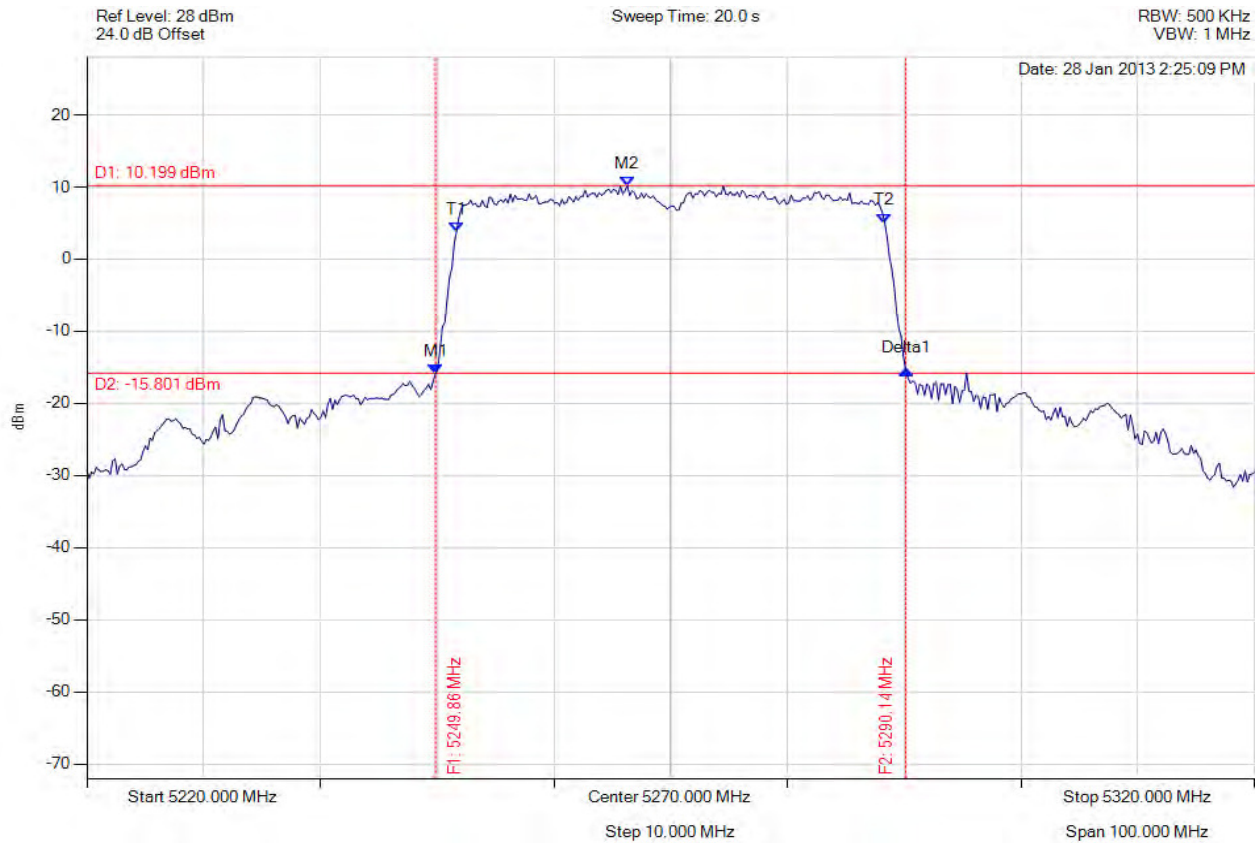
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11ac-40, Channel: 5270.00 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 : 5249.860 MHz : -15.866 dBm M2 : 5266.293 MHz : 10.199 dBm Delta1 : 40.281 MHz : 0.437 dB T1 : 5251.663 MHz : 3.861 dBm T2 : 5288.337 MHz : 5.055 dBm OBW : 36.673 MHz	Measured 26 dB Bandwidth : 40.281 MHz Measured 99% Bandwidth : 36.673 MHz

[Back to the Matrix](#)

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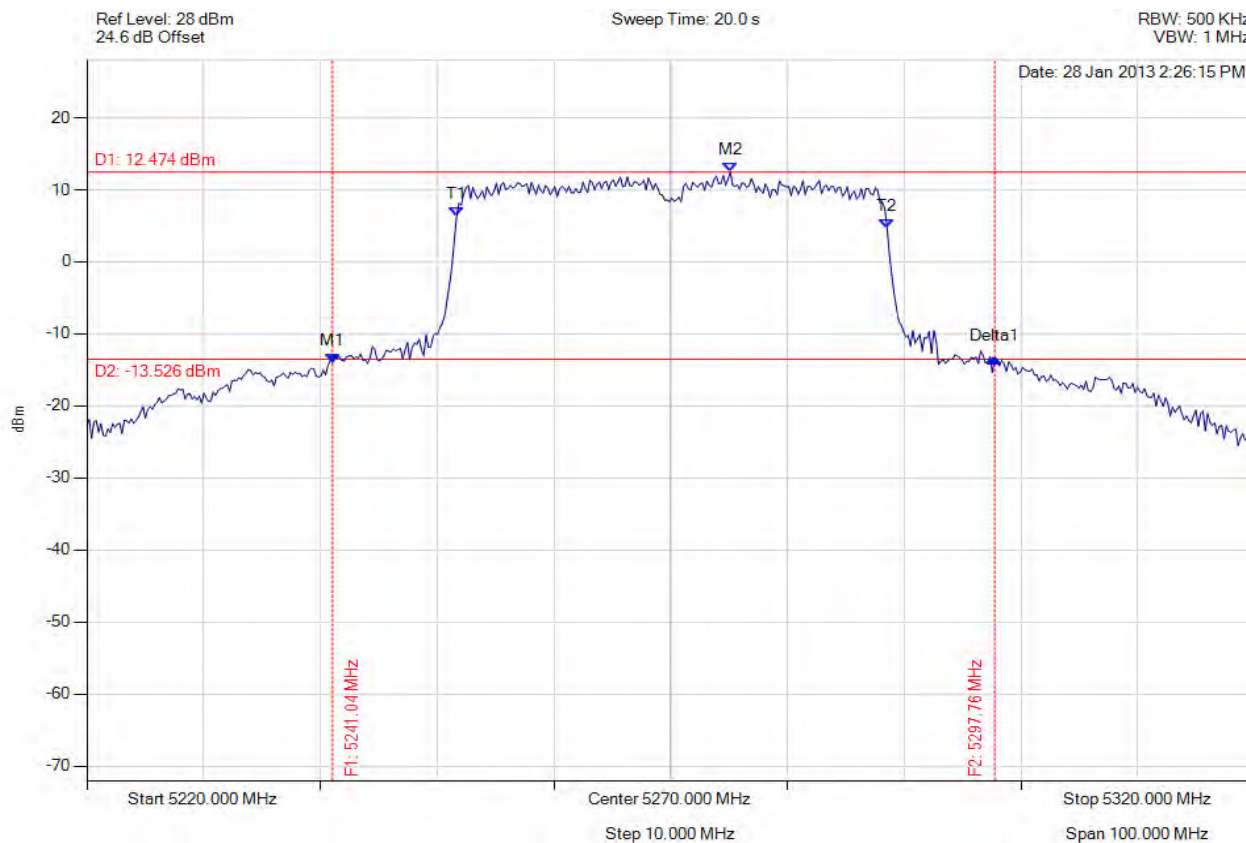


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 211 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11ac-40, Channel: 5270.00 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 : 5241.042 MHz : -13.987 dBm M2 : 5275.110 MHz : 12.474 dBm Delta1 : 56.713 MHz : 0.665 dB T1 : 5251.663 MHz : 6.310 dBm T2 : 5288.537 MHz : 4.642 dBm OBW : 36.874 MHz	Measured 26 dB Bandwidth: 56.713 MHz Measured 99% Bandwidth: 36.874 MHz

[Back to the Matrix](#)

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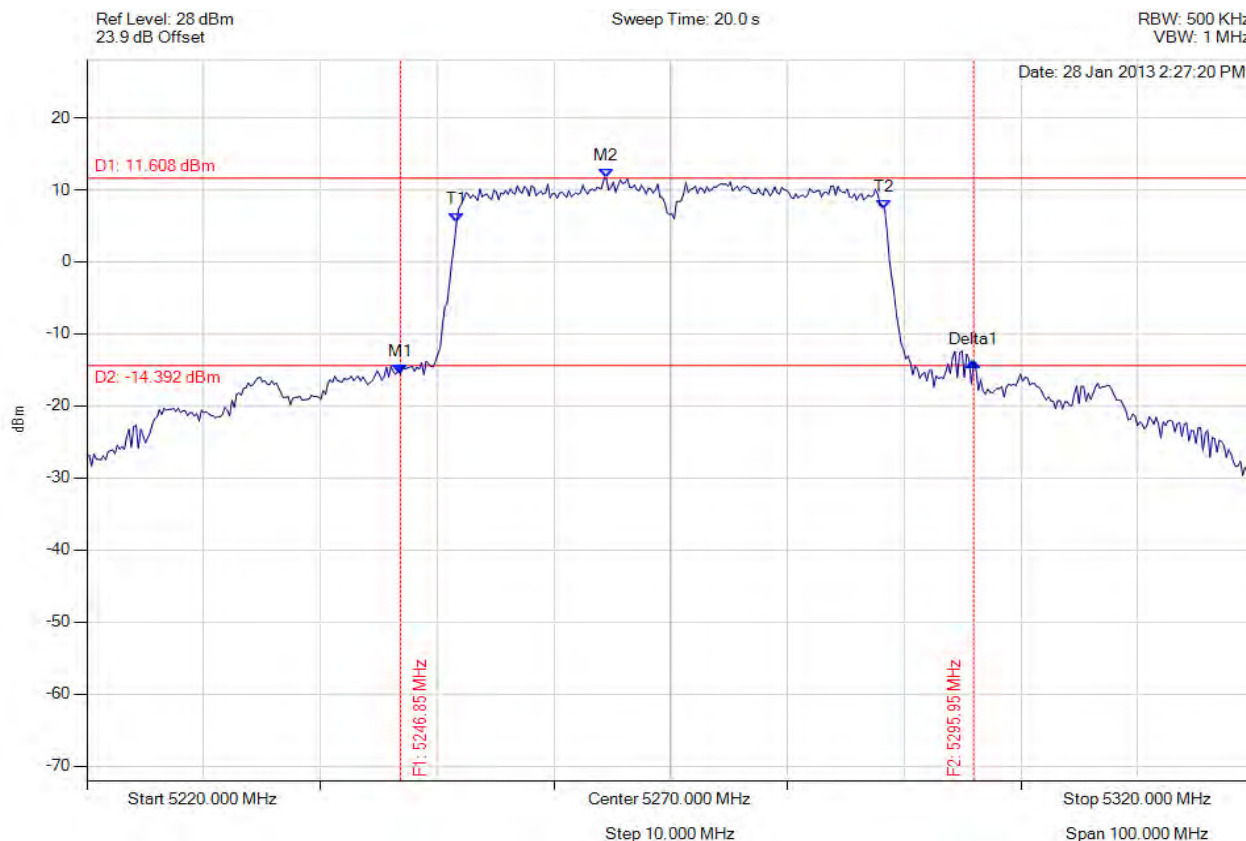


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 212 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11ac-40, Channel: 5270.00 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 : 5246.854 MHz : -15.591 dBm M2 : 5264.489 MHz : 11.608 dBm Delta1 : 49.098 MHz : 1.668 dB T1 : 5251.663 MHz : 5.543 dBm T2 : 5288.337 MHz : 7.229 dBm OBW : 36.673 MHz	Measured 26 dB Bandwidth: 49.098 MHz Measured 99% Bandwidth: 36.673 MHz

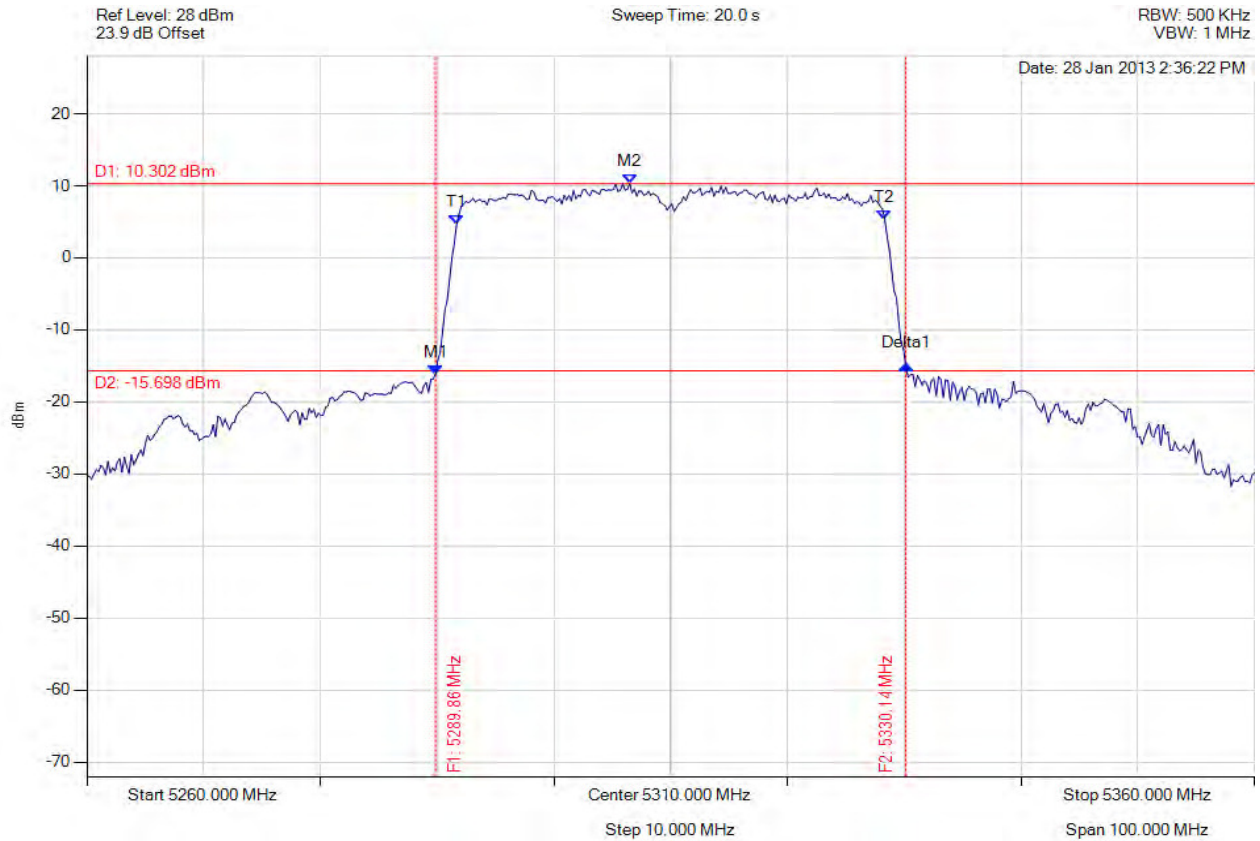
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11ac-40, Channel: 5310.00 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 : 5289.860 MHz : -16.197 dBm M2 : 5306.493 MHz : 10.302 dBm Delta1 : 40.281 MHz : 1.251 dB T1 : 5291.663 MHz : 4.604 dBm T2 : 5328.337 MHz : 5.366 dBm OBW : 36.673 MHz	Measured 26 dB Bandwidth: 40.281 MHz Measured 99% Bandwidth: 36.673 MHz

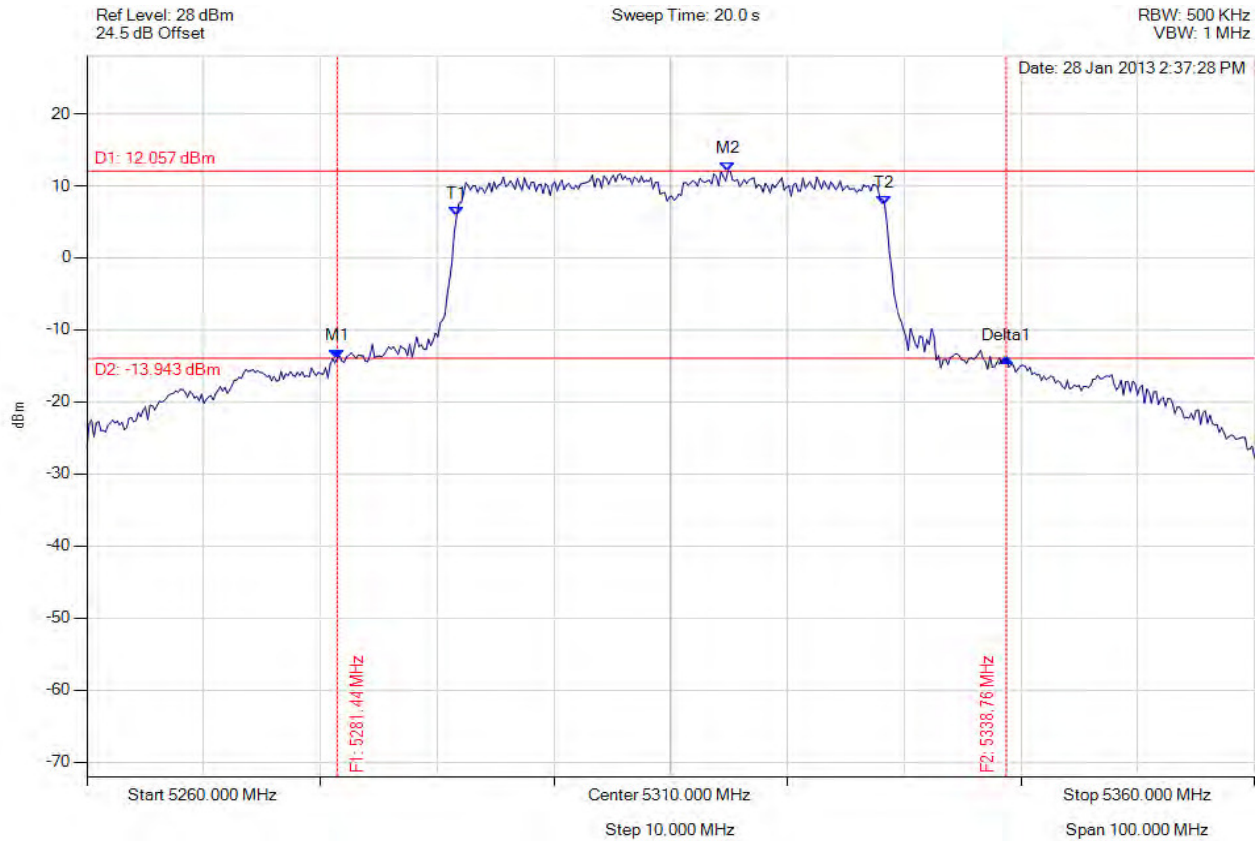
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11ac-40, Channel: 5310.00 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 : 5281.443 MHz : -13.964 dBm M2 : 5314.910 MHz : 12.057 dBm Delta1 : 57.315 MHz : 0.065 dB T1 : 5291.663 MHz : 5.730 dBm T2 : 5328.337 MHz : 7.315 dBm OBW : 36.673 MHz	Measured 26 dB Bandwidth: 57.315 MHz Measured 99% Bandwidth: 36.673 MHz

[Back to the Matrix](#)

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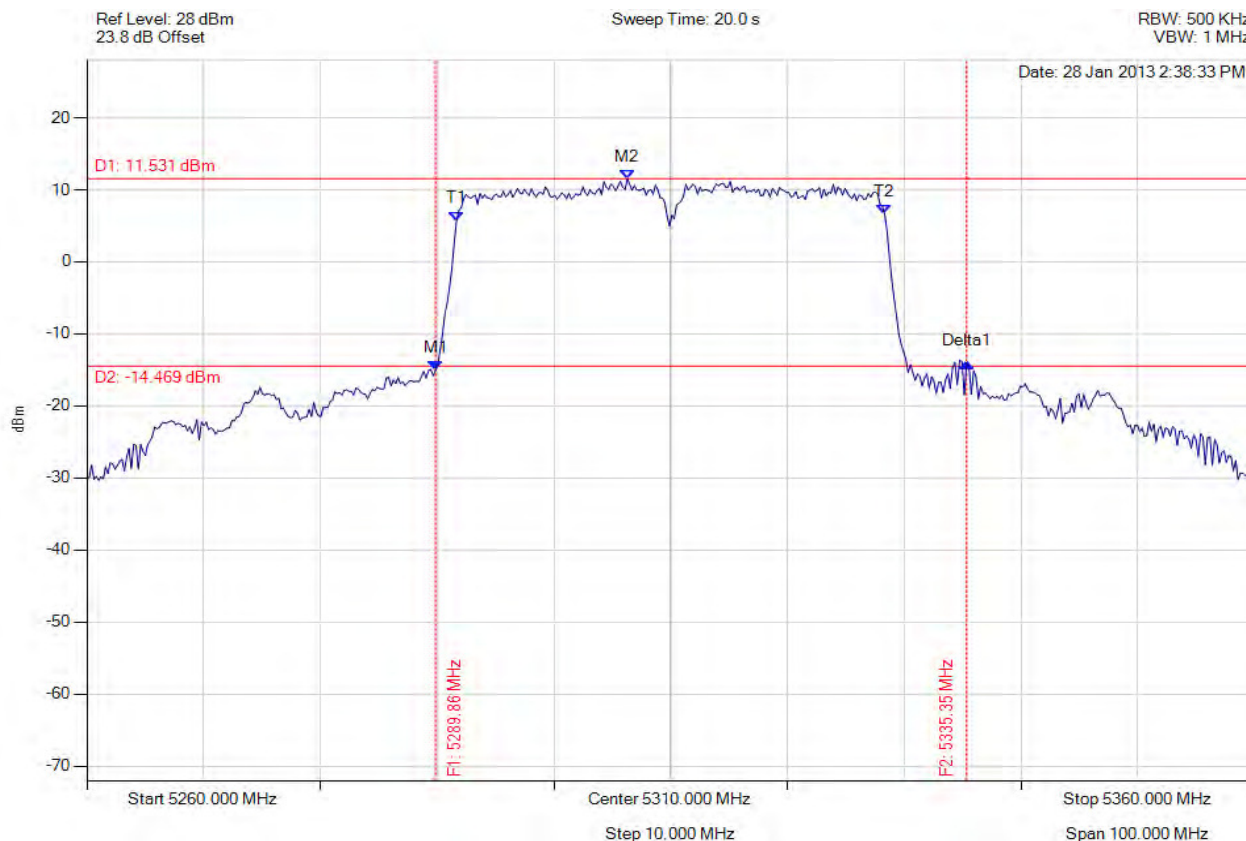


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 215 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11ac-40, Channel: 5310.00 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 : 5289.860 MHz : -15.052 dBm M2 : 5306.293 MHz : 11.531 dBm Delta1 : 45.491 MHz : 1.011 dB T1 : 5291.663 MHz : 5.714 dBm T2 : 5328.337 MHz : 6.562 dBm OBW : 36.673 MHz	Measured 26 dB Bandwidth: 45.491 MHz Measured 99% Bandwidth: 36.673 MHz

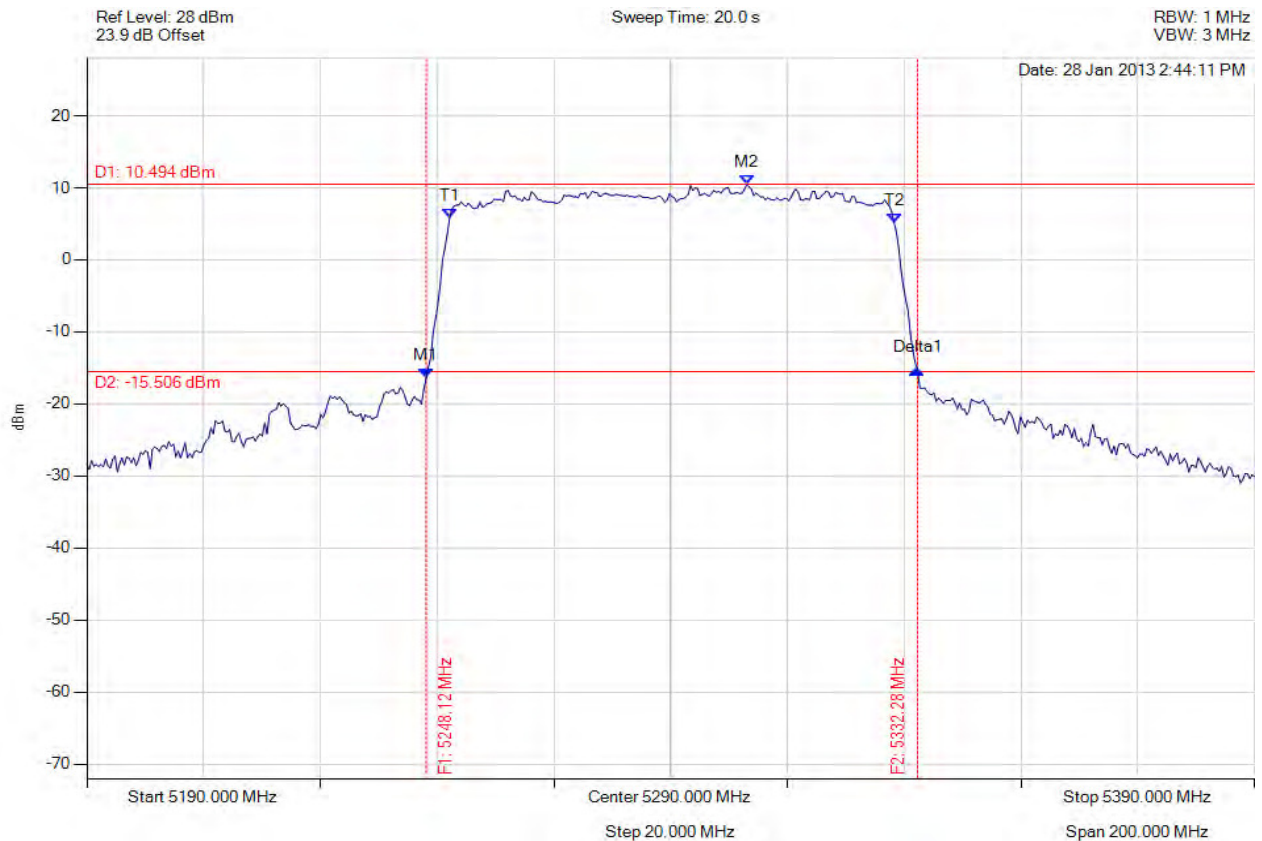
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5290.00 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 : 5248.116 MHz : -16.450 dBm M2 : 5303.026 MHz : 10.494 dBm Delta1 : 84.168 MHz : 1.159 dB T1 : 5252.124 MHz : 5.765 dBm T2 : 5328.277 MHz : 5.167 dBm OBW : 76.152 MHz	Measured 26 dB Bandwidth: 84.168 MHz Measured 99% Bandwidth: 76.152 MHz

[Back to the Matrix](#)

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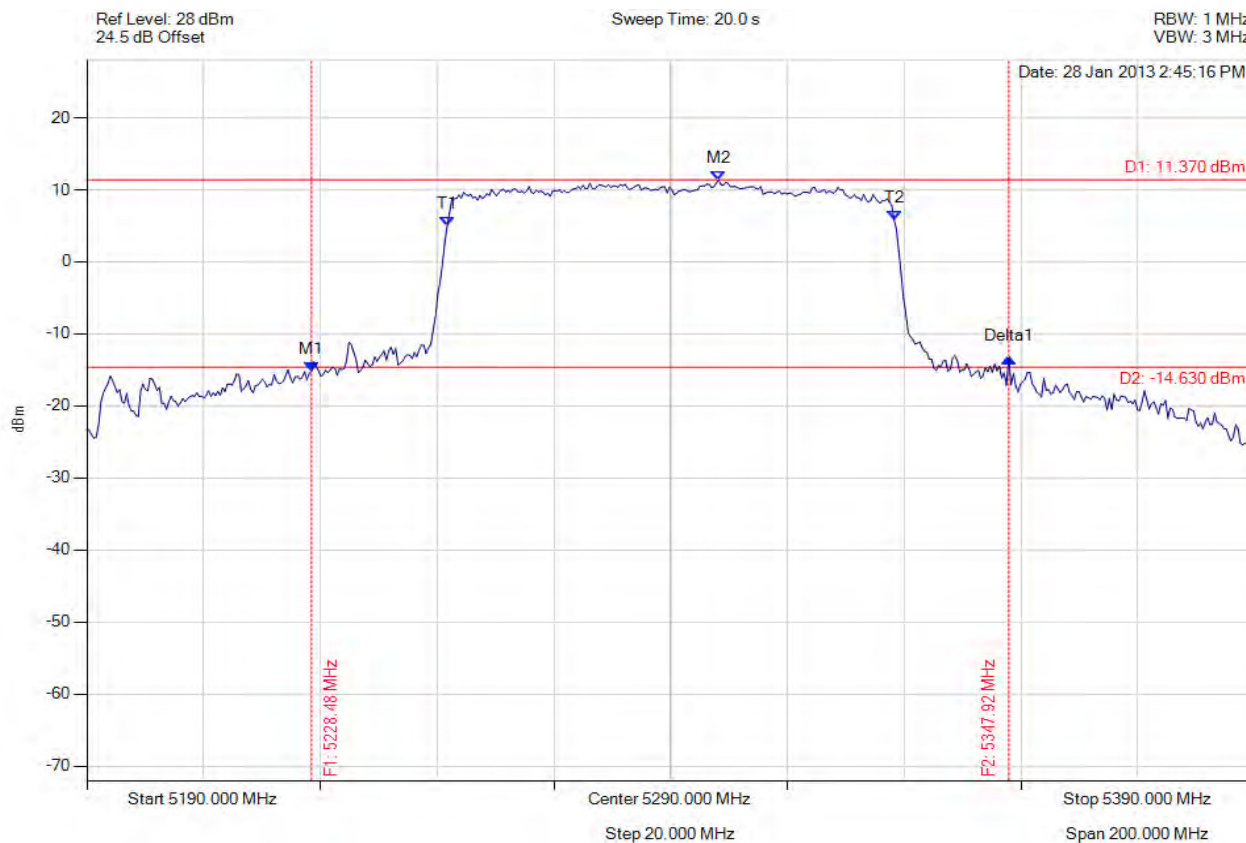


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 217 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5290.00 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 : 5228.477 MHz : -15.158 dBm M2 : 5298.216 MHz : 11.370 dBm Delta1 : 119.439 MHz : 1.782 dB T1 : 5251.723 MHz : 4.990 dBm T2 : 5328.277 MHz : 5.808 dBm OBW : 76.553 MHz	Measured 26 dB Bandwidth: 119.439 MHz M Measured 99% Bandwidth: 76.553 MHz

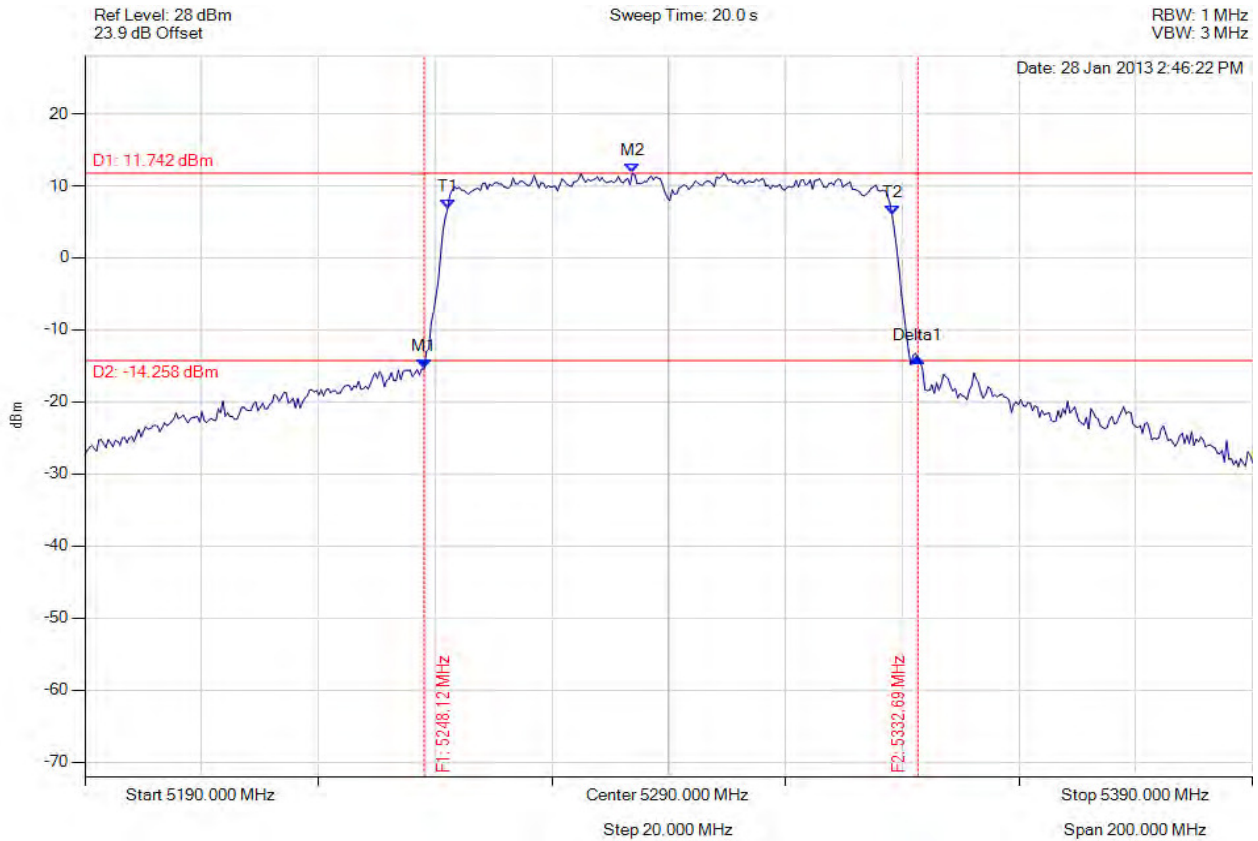
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5290.00 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 : 5248.116 MHz : -15.433 dBm M2 : 5283.788 MHz : 11.742 dBm Delta1 : 84.569 MHz : 1.556 dB T1 : 5252.124 MHz : 6.794 dBm T2 : 5328.277 MHz : 5.991 dBm OBW : 76.152 MHz	Measured 26 dB Bandwidth: 84.569 MHz Measured 99% Bandwidth: 76.152 MHz

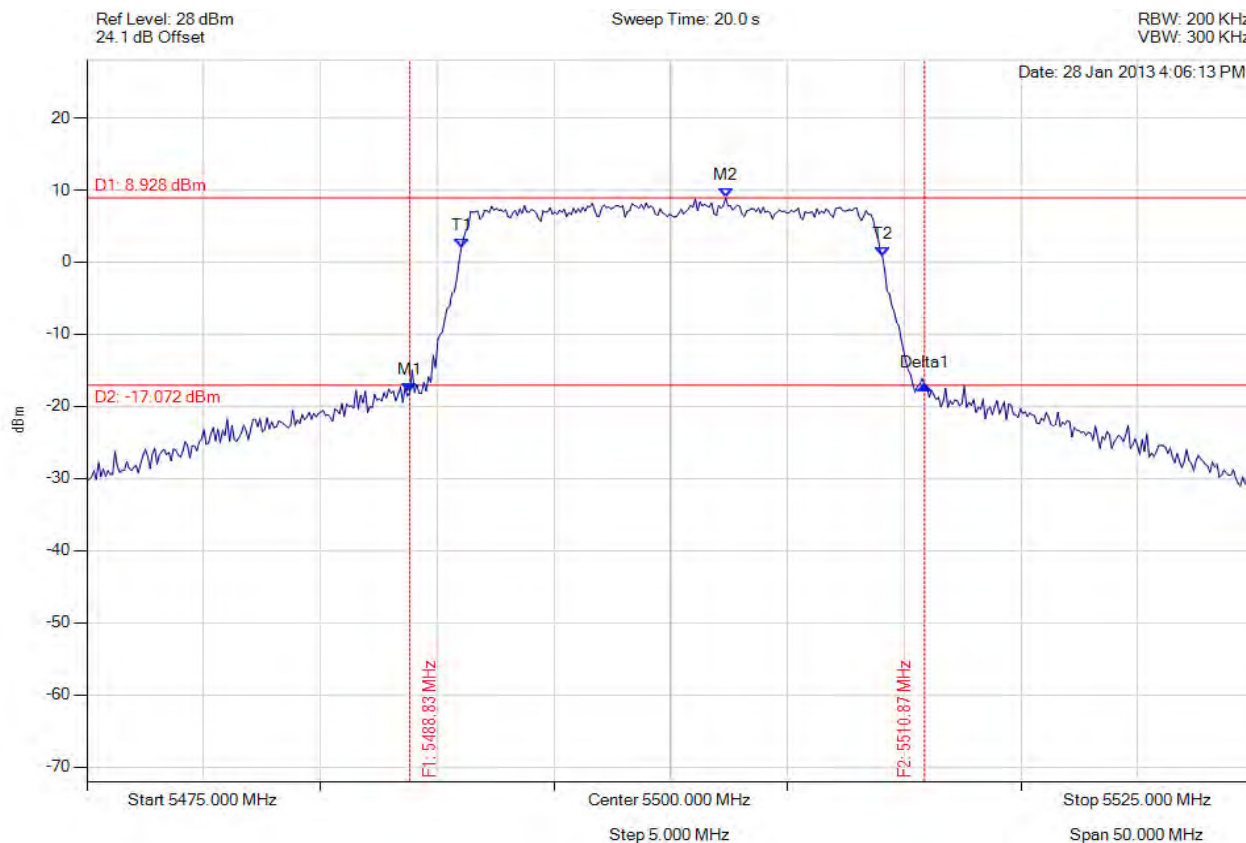
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5500.00 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 : 5488.828 MHz : -18.009 dBm M2 : 5502.355 MHz : 8.928 dBm Delta1 : 22.044 MHz : 0.982 dB T1 : 5491.032 MHz : 2.003 dBm T2 : 5509.068 MHz : 0.839 dBm OBW : 18.036 MHz	Measured 26 dB Bandwidth: 22.044 MHz Measured 99% Bandwidth: 18.036 MHz

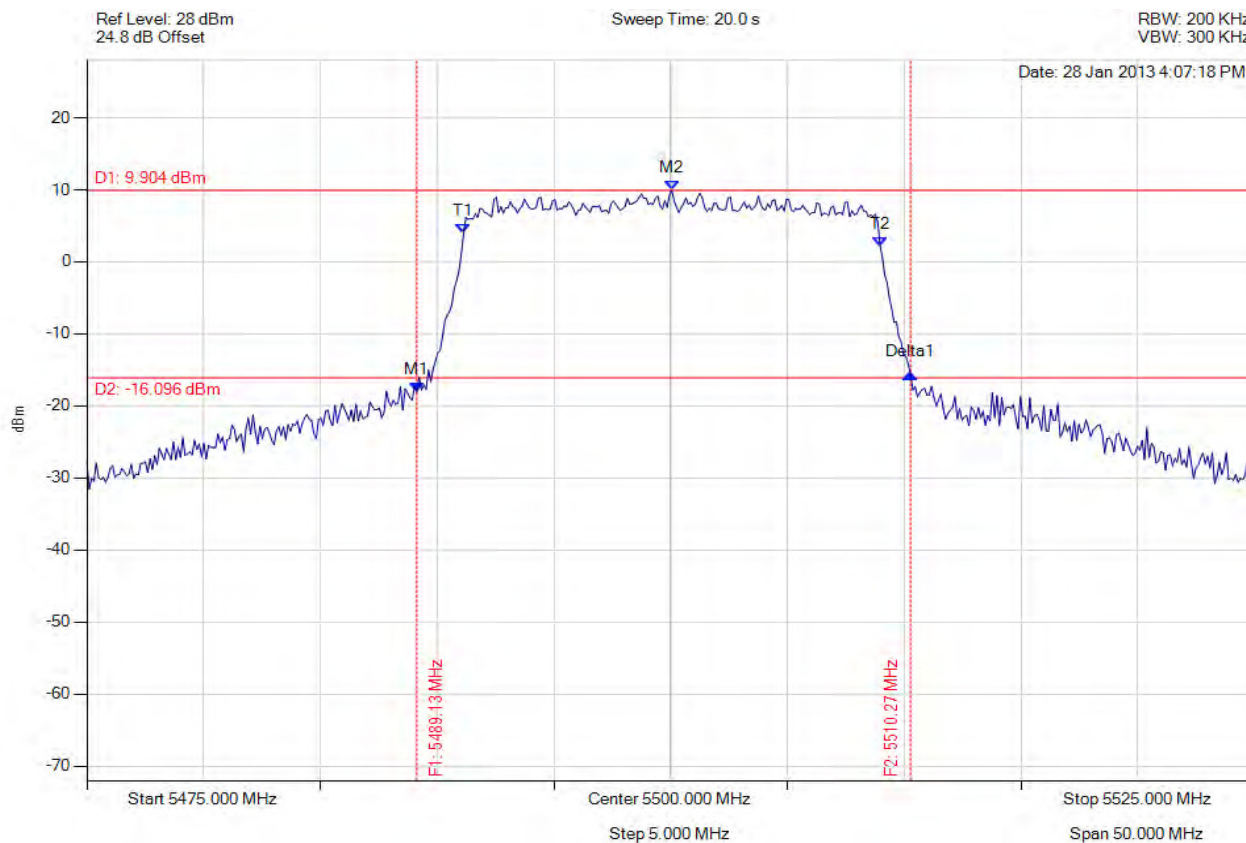
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5500.00 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 : 5489.128 MHz : -18.097 dBm M2 : 5500.050 MHz : 9.904 dBm Delta1 : 21.142 MHz : 2.483 dB T1 : 5491.132 MHz : 3.933 dBm T2 : 5508.968 MHz : 2.204 dBm OBW : 17.836 MHz	Measured 26 dB Bandwidth: 21.142 MHz Measured 99% Bandwidth: 17.836 MHz

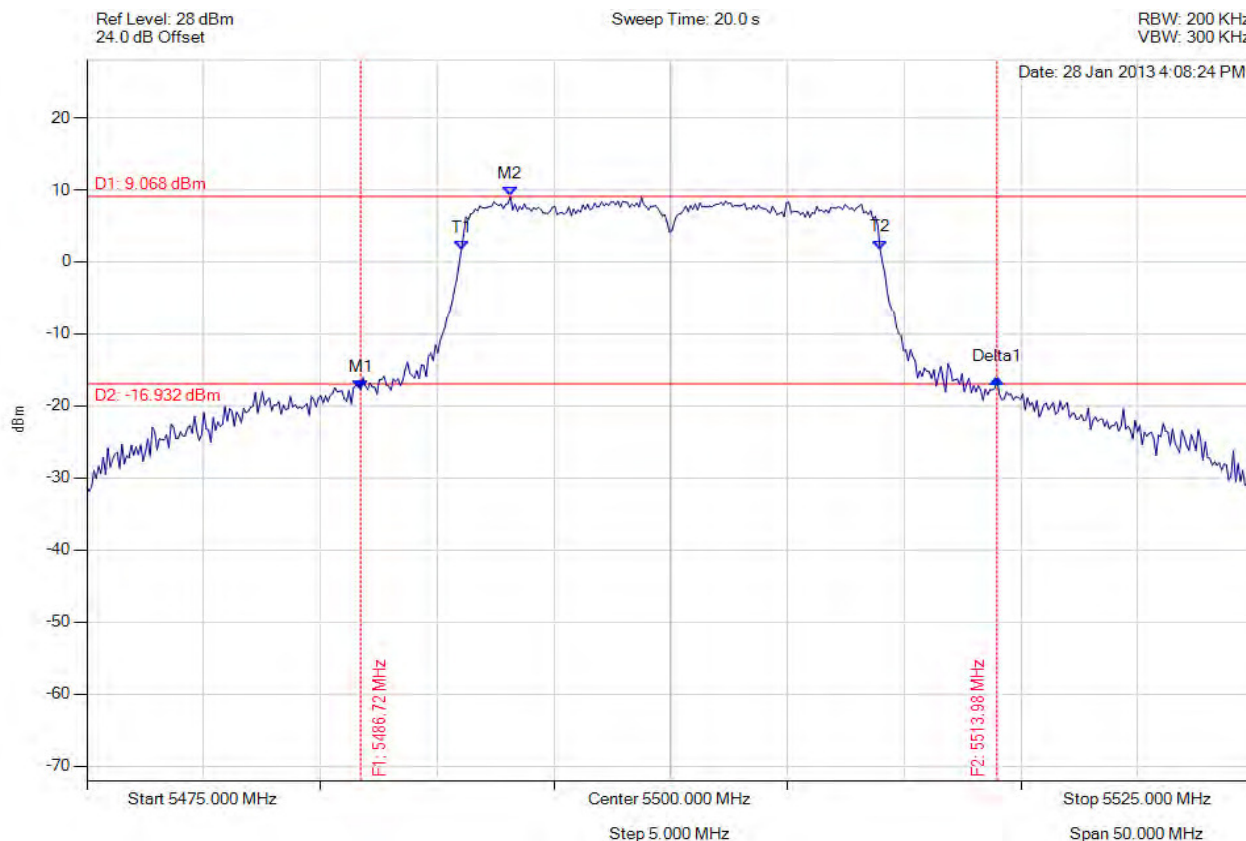
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5500.00 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 : 5486.723 MHz : -17.786 dBm M2 : 5493.136 MHz : 9.068 dBm Delta1 : 27.255 MHz : 1.501 dB T1 : 5491.032 MHz : 1.569 dBm T2 : 5508.968 MHz : 1.720 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 27.255 MHz Measured 99% Bandwidth: 17.936 MHz

[Back to the Matrix](#)

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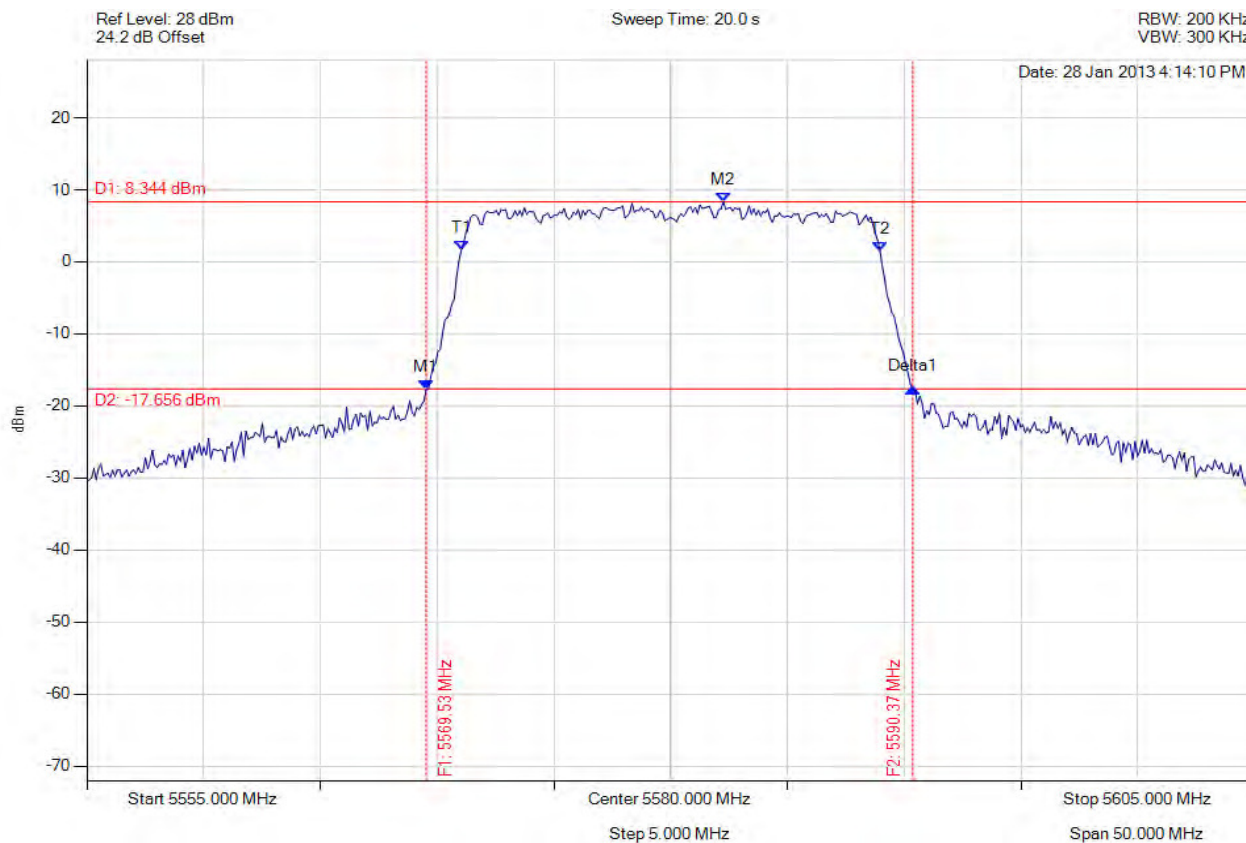


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 222 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5580.00 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 : 5569.529 MHz : -17.747 dBm M2 : 5582.255 MHz : 8.344 dBm Delta1 : 20.842 MHz : 0.236 dB T1 : 5571.032 MHz : 1.606 dBm T2 : 5588.968 MHz : 1.458 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 20.842 MHz Measured 99% Bandwidth: 17.936 MHz

[Back to the Matrix](#)

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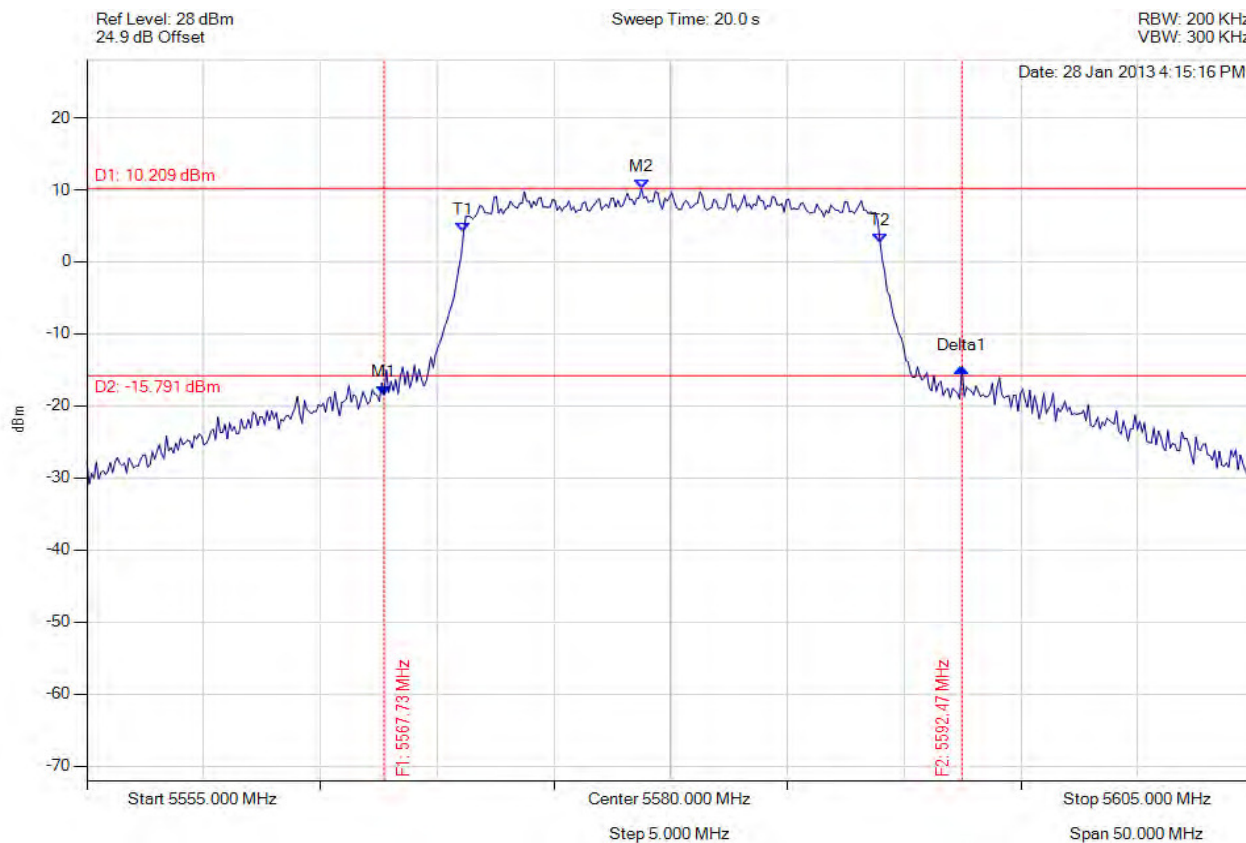


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 223 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5580.00 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 : 5567.725 MHz : -18.473 dBm M2 : 5578.747 MHz : 10.209 dBm Delta1 : 24.749 MHz : 3.809 dB T1 : 5571.132 MHz : 4.112 dBm T2 : 5588.968 MHz : 2.666 dBm OBW : 17.836 MHz	Measured 26 dB Bandwidth: 24.749 MHz Measured 99% Bandwidth: 17.836 MHz

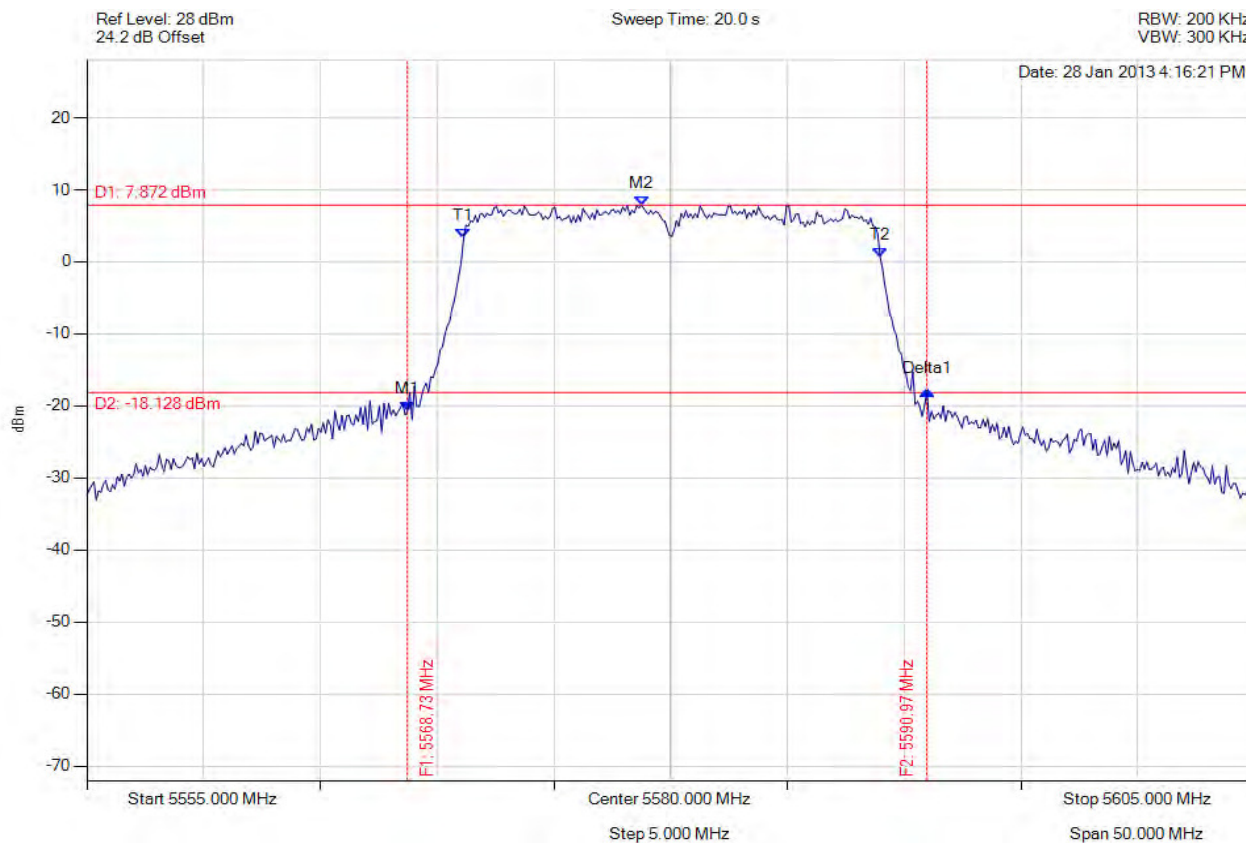
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5580.00 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 : 5568.727 MHz : -20.733 dBm M2 : 5578.747 MHz : 7.872 dBm Delta1 : 22.244 MHz : 2.825 dB T1 : 5571.132 MHz : 3.229 dBm T2 : 5588.968 MHz : 0.662 dBm OBW : 17.836 MHz	Measured 26 dB Bandwidth: 22.244 MHz Measured 99% Bandwidth: 17.836 MHz

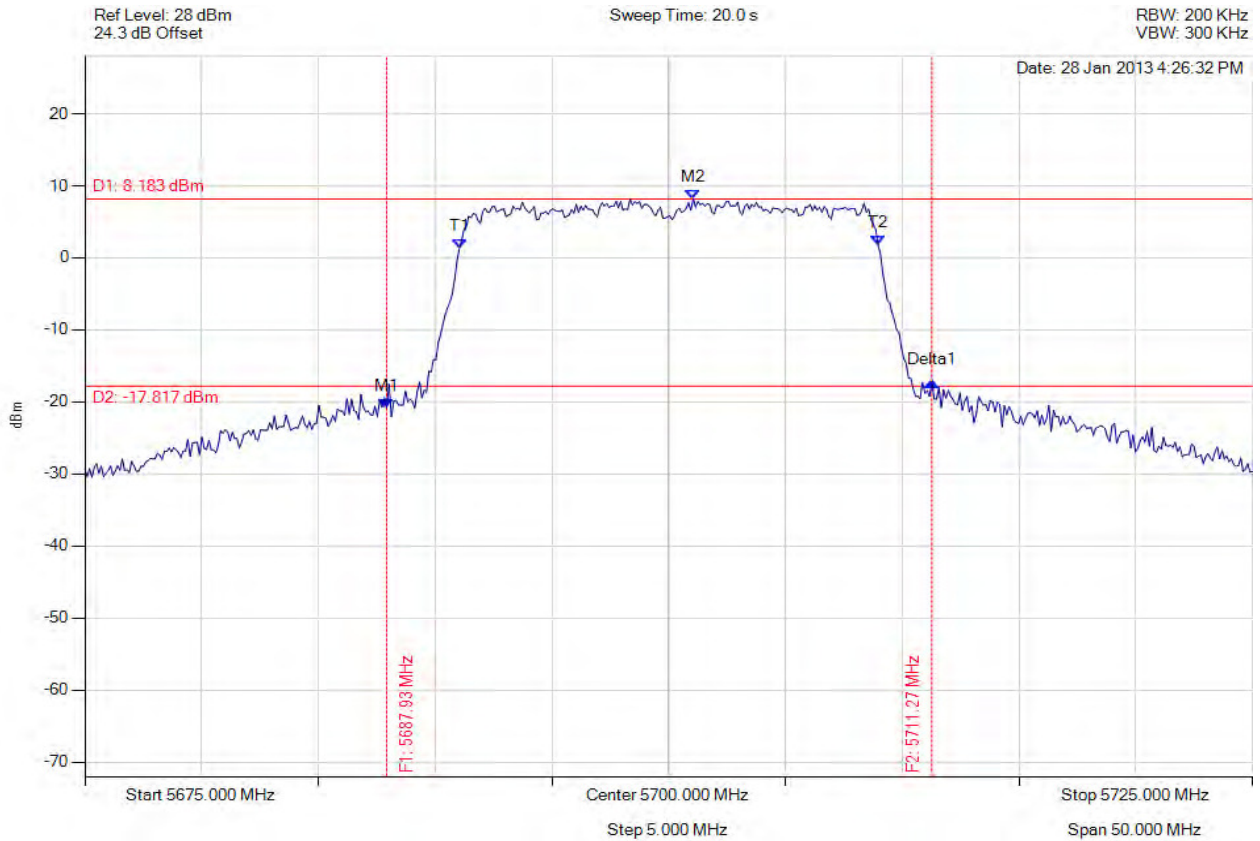
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variat: 802.11a, Channel: 5700.00 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 : 5687.926 MHz : -20.844 dBm M2 : 5701.052 MHz : 8.183 dBm Delta1 : 23.347 MHz : 3.610 dB T1 : 5691.032 MHz : 1.232 dBm T2 : 5708.968 MHz : 1.761 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 23.347 MHz Measured 99% Bandwidth: 17.936 MHz

[Back to the Matrix](#)

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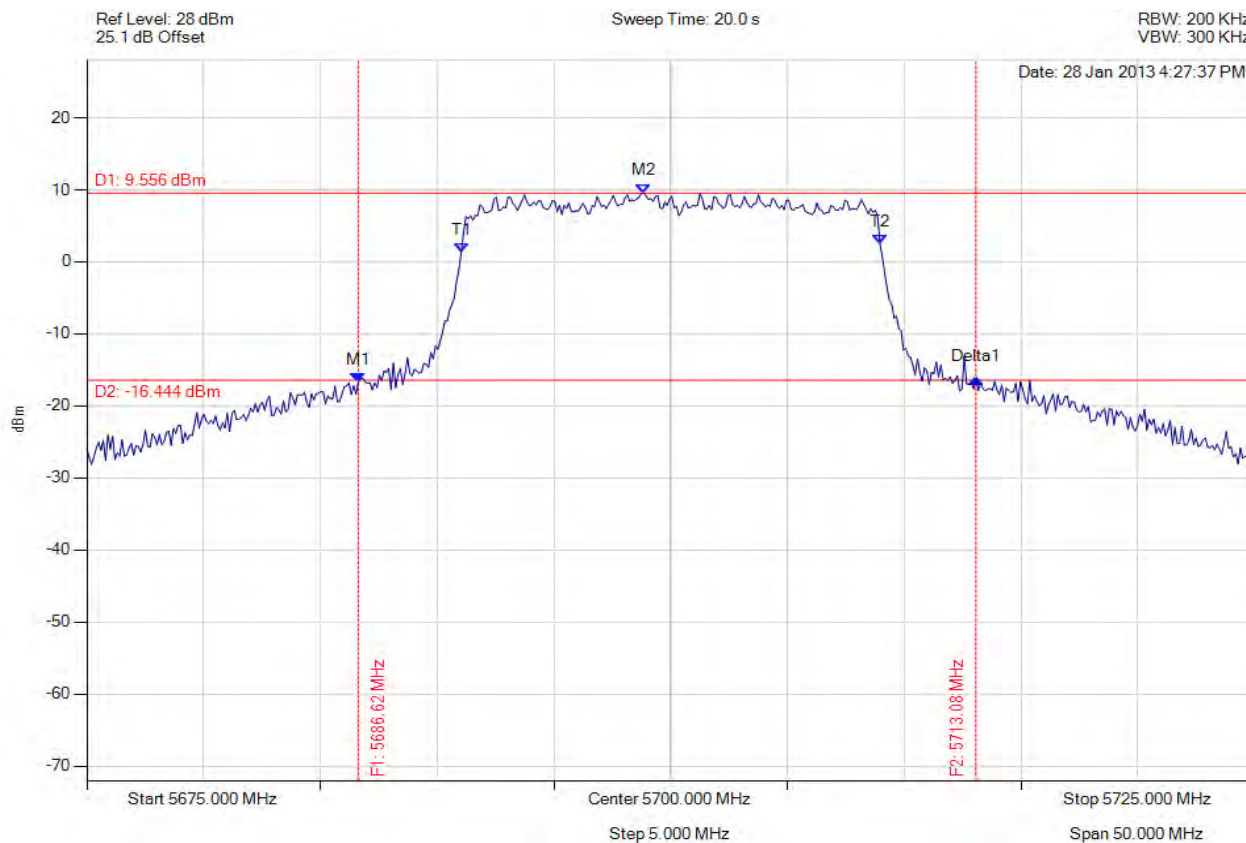


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 226 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5700.00 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 : 5686.623 MHz : -16.690 dBm M2 : 5698.848 MHz : 9.556 dBm Delta1 : 26.453 MHz : 0.529 dB T1 : 5691.032 MHz : 1.346 dBm T2 : 5708.968 MHz : 2.413 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 26.453 MHz Measured 99% Bandwidth: 17.936 MHz

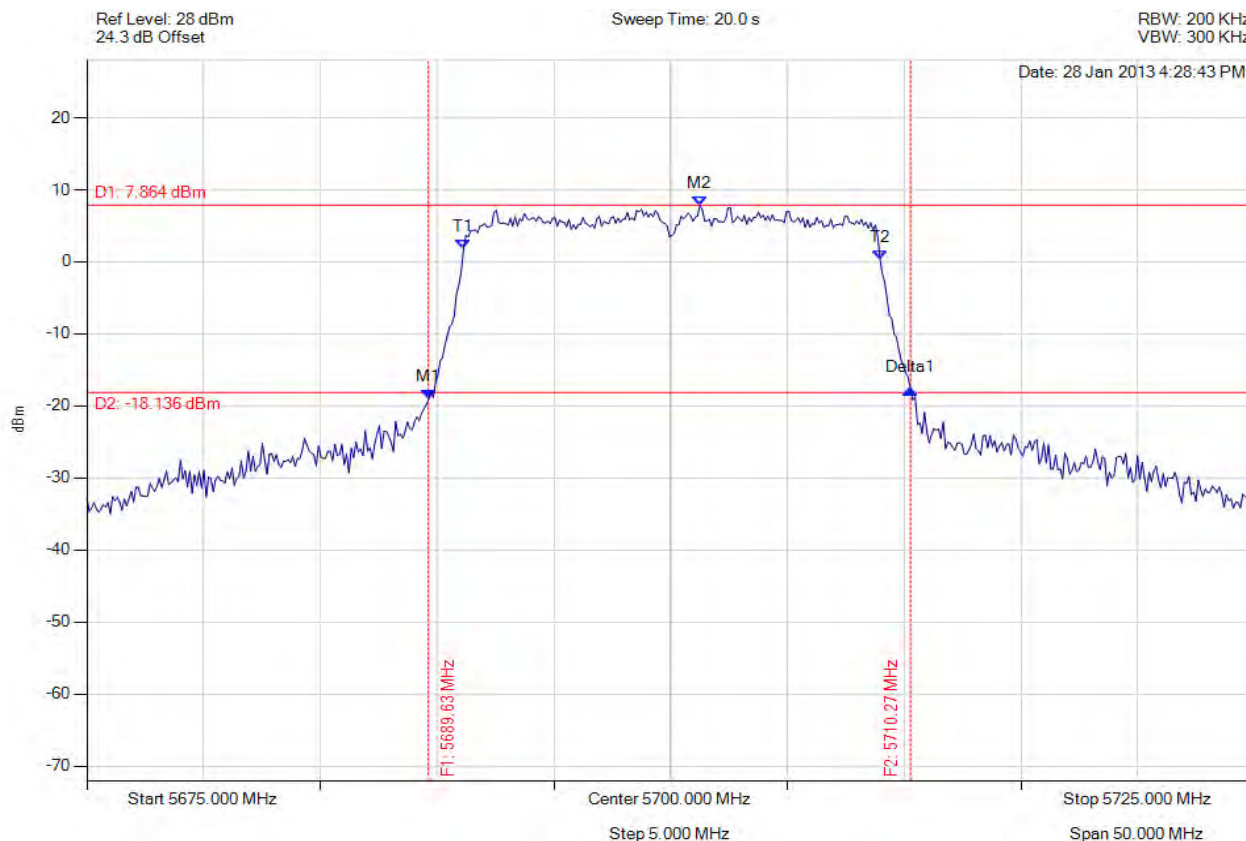
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5700.00 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 : 5689.629 MHz : -19.114 dBm M2 : 5701.253 MHz : 7.864 dBm Delta1 : 20.641 MHz : 1.381 dB T1 : 5691.132 MHz : 1.824 dBm T2 : 5708.968 MHz : 0.294 dBm OBW : 17.836 MHz	Measured 26 dB Bandwidth: 20.641 MHz Measured 99% Bandwidth: 17.836 MHz

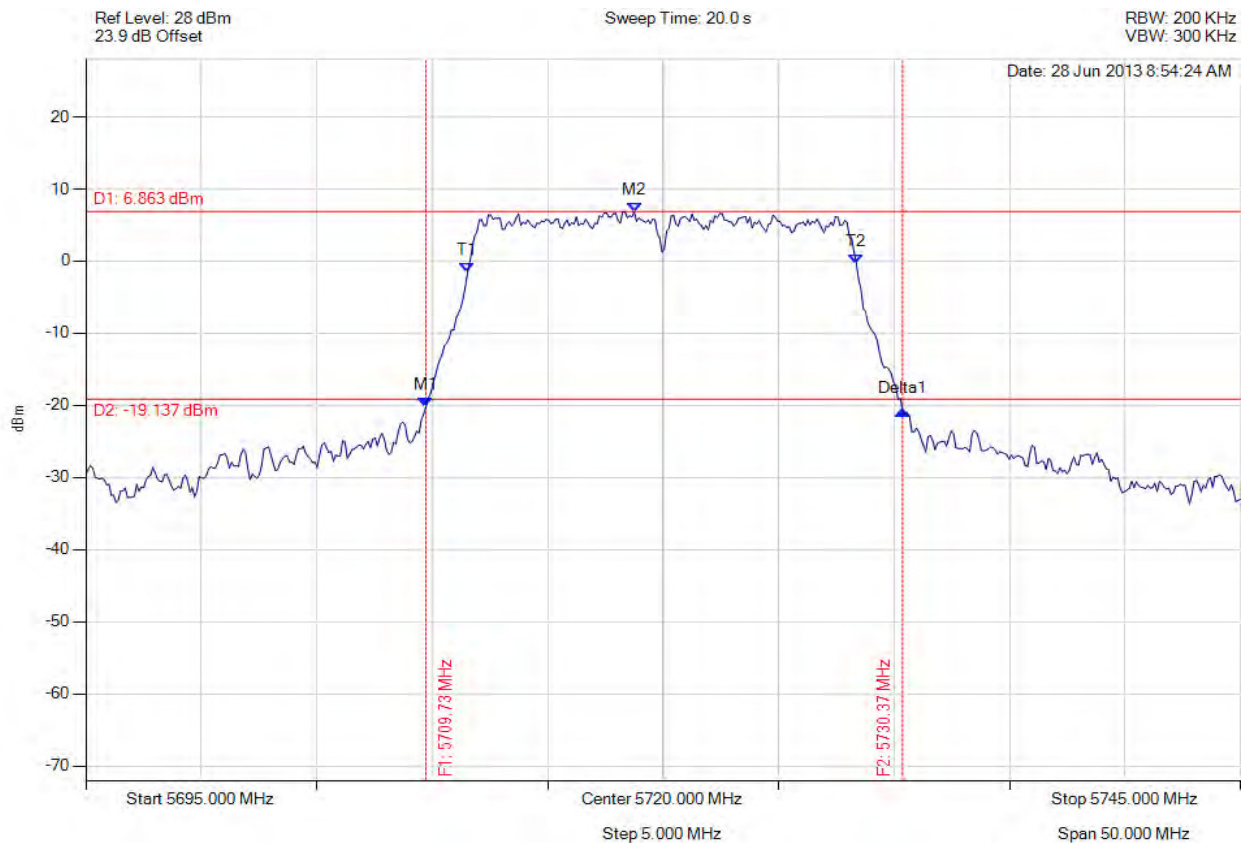
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5720.00 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 : 5709.729 MHz : -20.234 dBm M2 : 5718.747 MHz : 6.863 dBm Delta1 : 20.641 MHz : -0.549 dB T1 : 5711.533 MHz : -1.565 dBm T2 : 5728.367 MHz : -0.316 dBm OBW : 16.834 MHz	Measured 26 dB Bandwidth: 20.641 MHz Measured 99% Bandwidth: 16.834 MHz

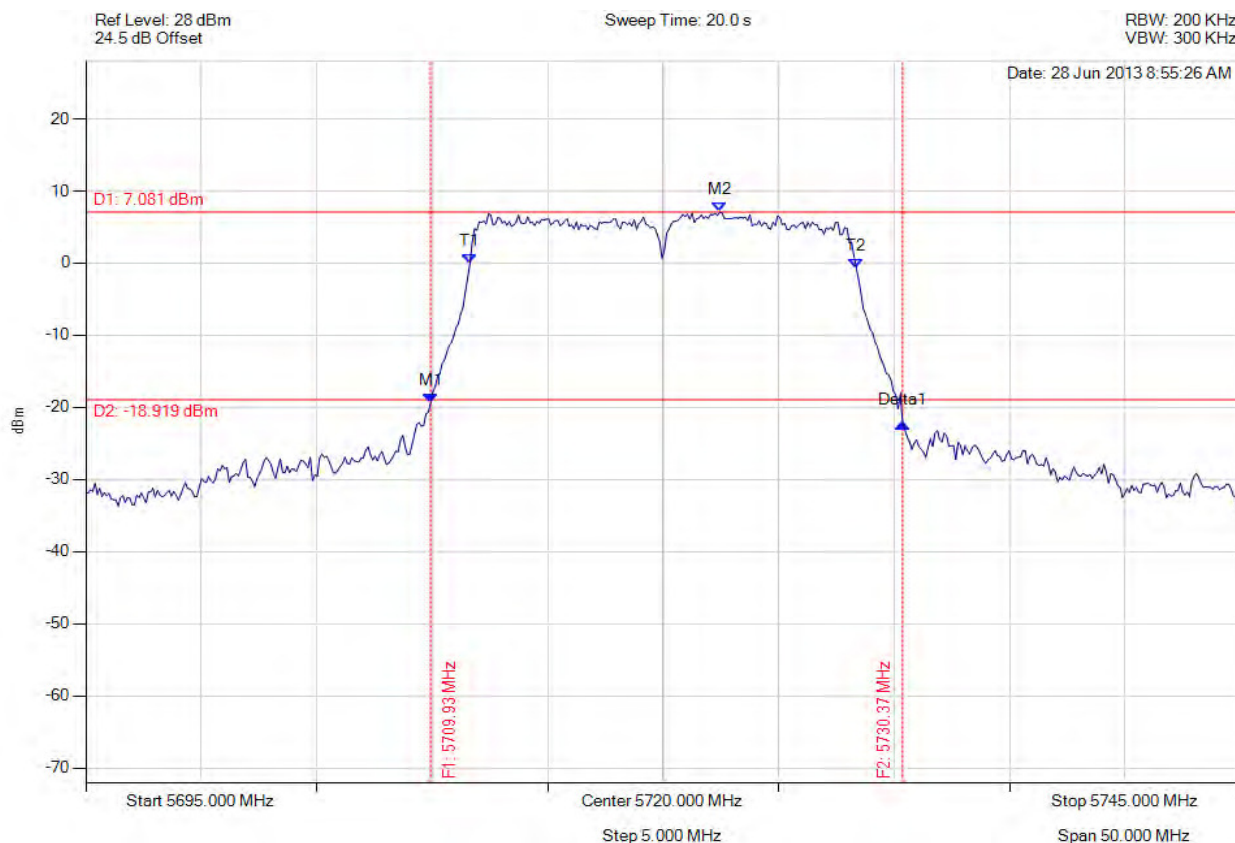
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5720.00 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 : 5709.930 MHz : -19.433 dBm M2 : 5722.455 MHz : 7.081 dBm Delta1 : 20.441 MHz : -2.705 dB T1 : 5711.633 MHz : -0.064 dBm T2 : 5728.367 MHz : -0.743 dBm OBW : 16.733 MHz	Measured 26 dB Bandwidth: 20.441 MHz Measured 99% Bandwidth: 16.733 MHz

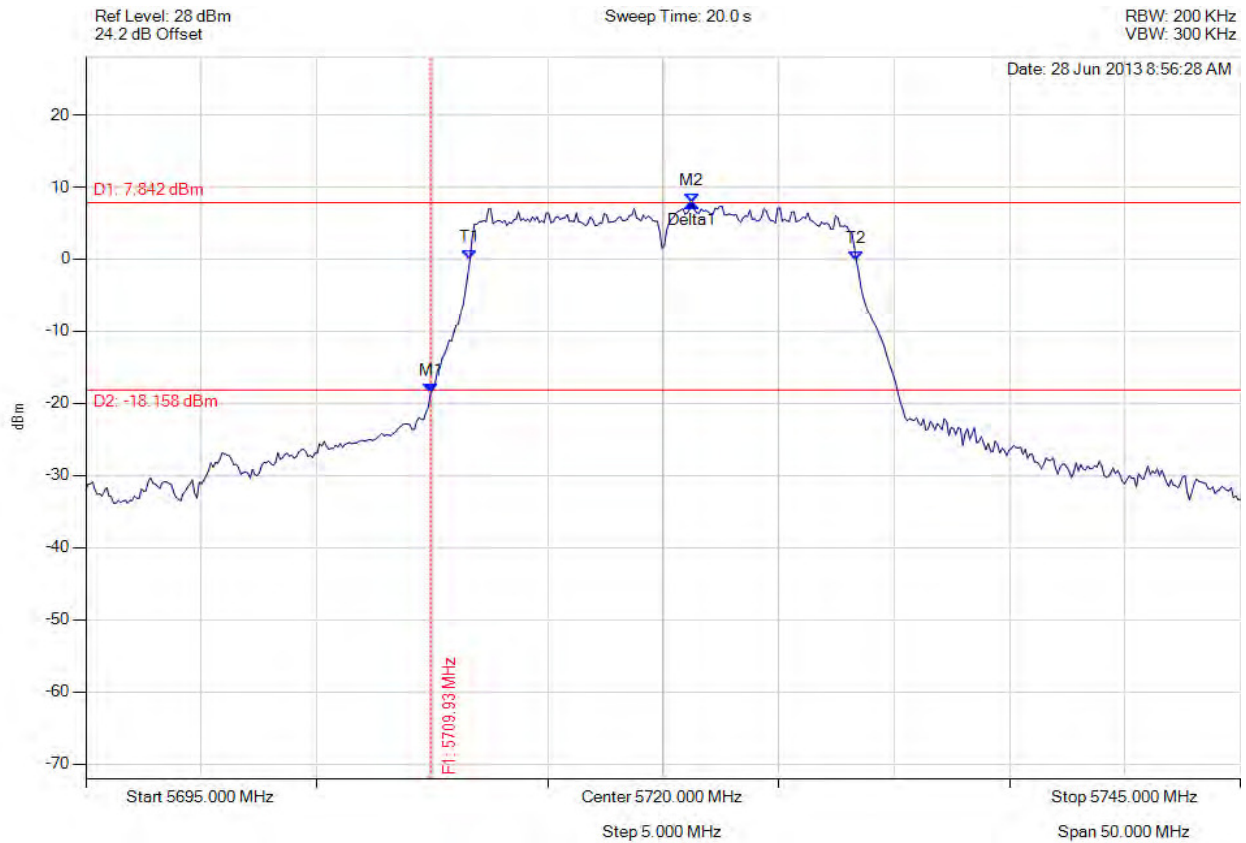
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11a, Channel: 5720.00 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 : 5709.930 MHz : -18.569 dBm M2 : 5721.253 MHz : 7.842 dBm Delta1 : 11.323 MHz : 26.410 dB T1 : 5711.633 MHz : -0.106 dBm T2 : 5728.367 MHz : -0.161 dBm OBW : 16.733 MHz	Measured 26 dB Bandwidth: 11.323 MHz Measured 99% Bandwidth: 16.733 MHz

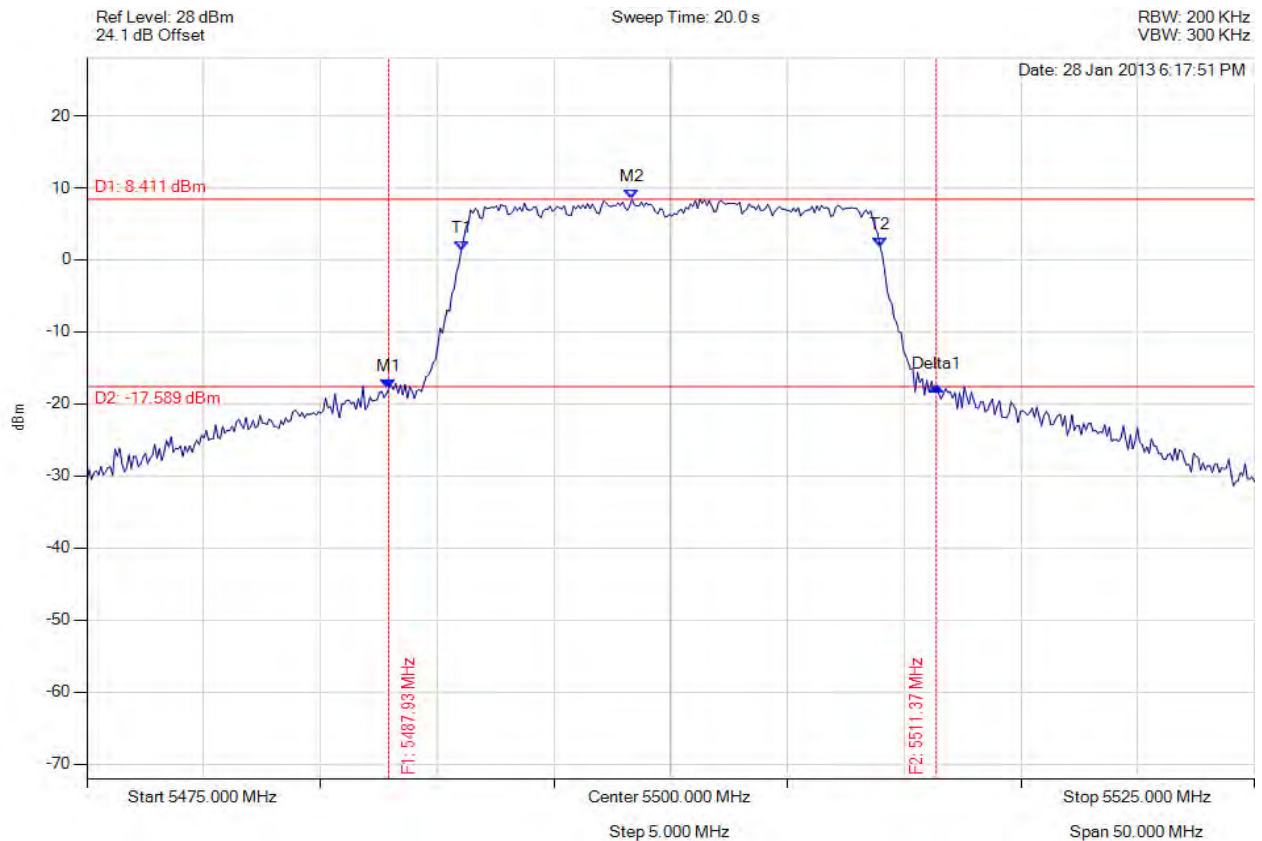
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5500.00 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 : 5487.926 MHz : -17.845 dBm M2 : 5498.347 MHz : 8.411 dBm Delta1 : 23.447 MHz : 0.266 dB T1 : 5491.032 MHz : 1.354 dBm T2 : 5508.968 MHz : 1.832 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 23.447 MHz Measured 99% Bandwidth: 17.936 MHz

[Back to the Matrix](#)

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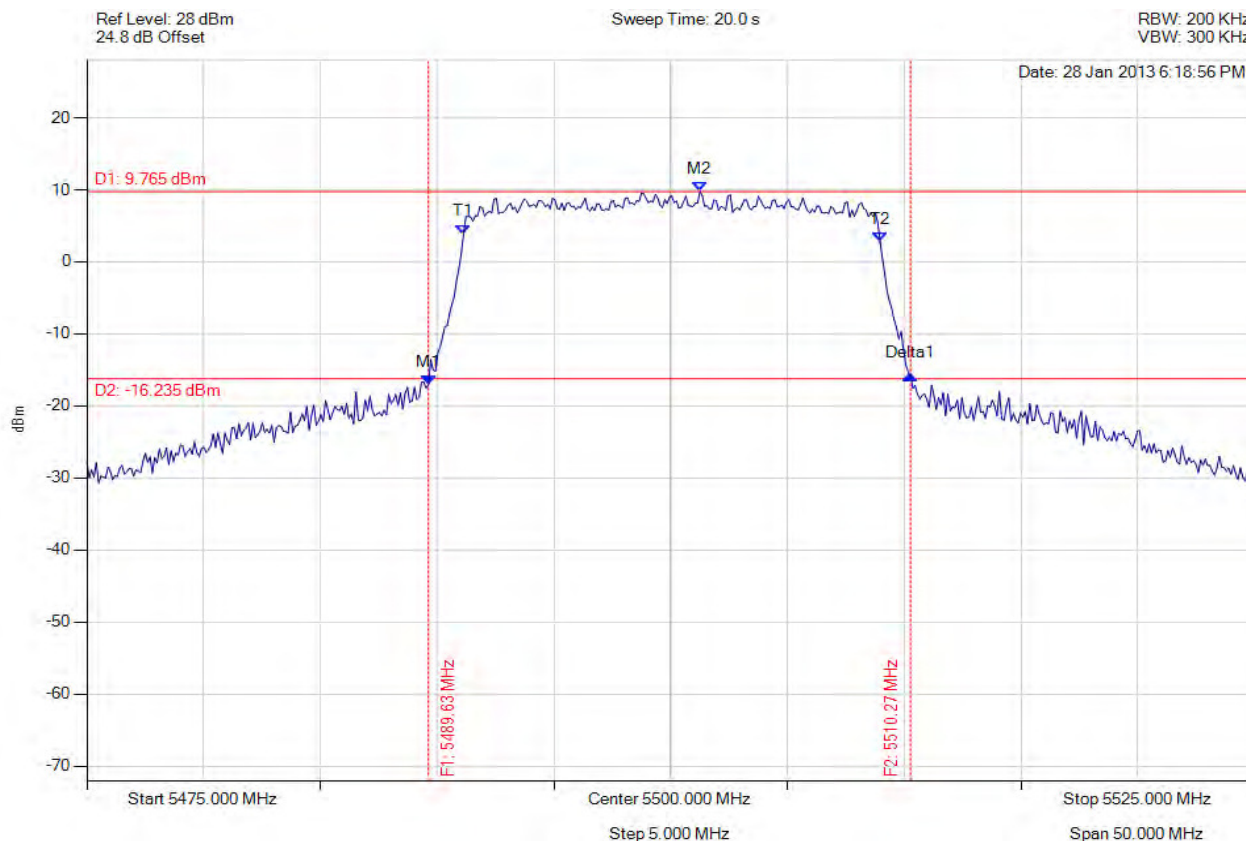


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 232 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5500.00 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 : 5489.629 MHz : -16.995 dBm M2 : 5501.253 MHz : 9.765 dBm Delta1 : 20.641 MHz : 1.263 dB T1 : 5491.132 MHz : 3.888 dBm T2 : 5508.968 MHz : 2.763 dBm OBW : 17.836 MHz	Measured 26 dB Bandwidth: 20.641 MHz Measured 99% Bandwidth: 17.836 MHz

[Back to the Matrix](#)

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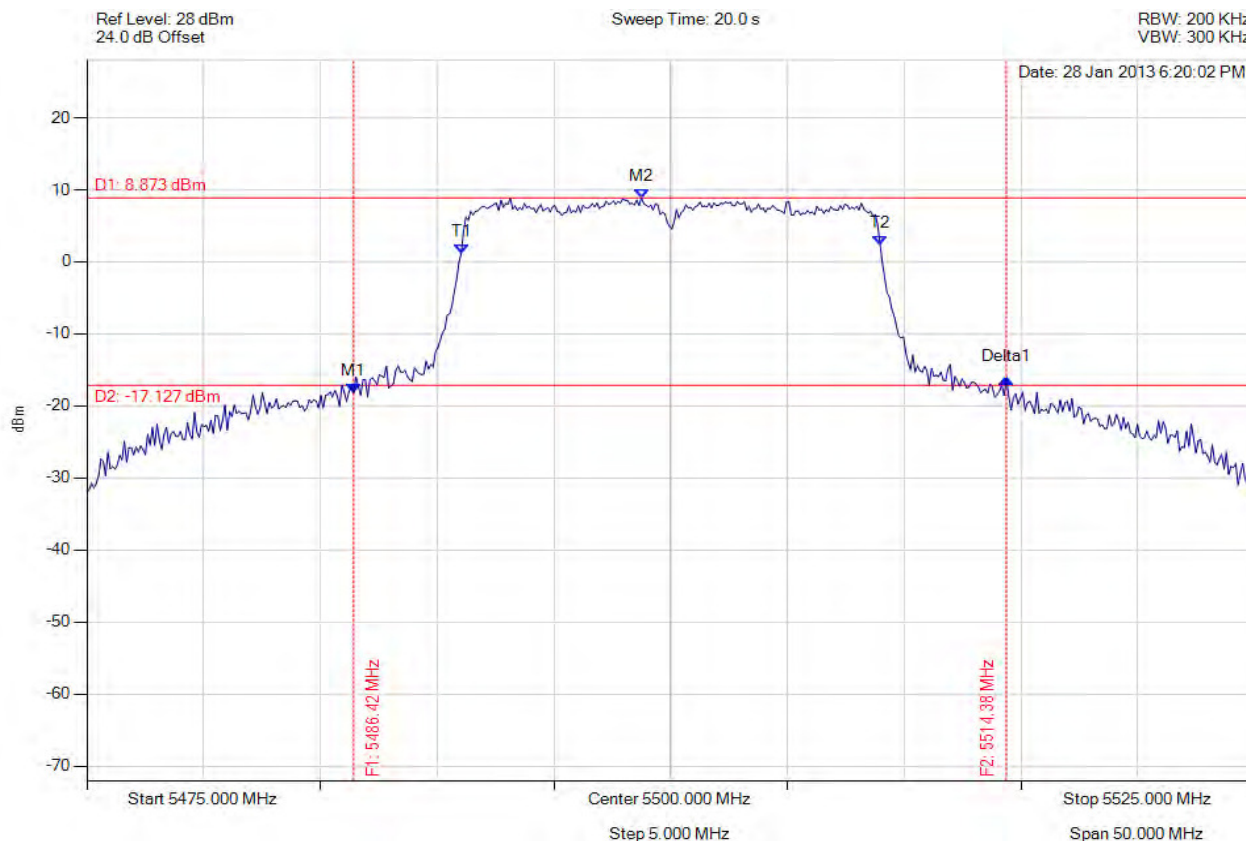


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 233 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5500.00 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 : 5486.423 MHz : -18.207 dBm M2 : 5498.747 MHz : 8.873 dBm Delta1 : 27.956 MHz : 2.036 dB T1 : 5491.032 MHz : 1.195 dBm T2 : 5508.968 MHz : 2.363 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 27.956 MHz Measured 99% Bandwidth: 17.936 MHz

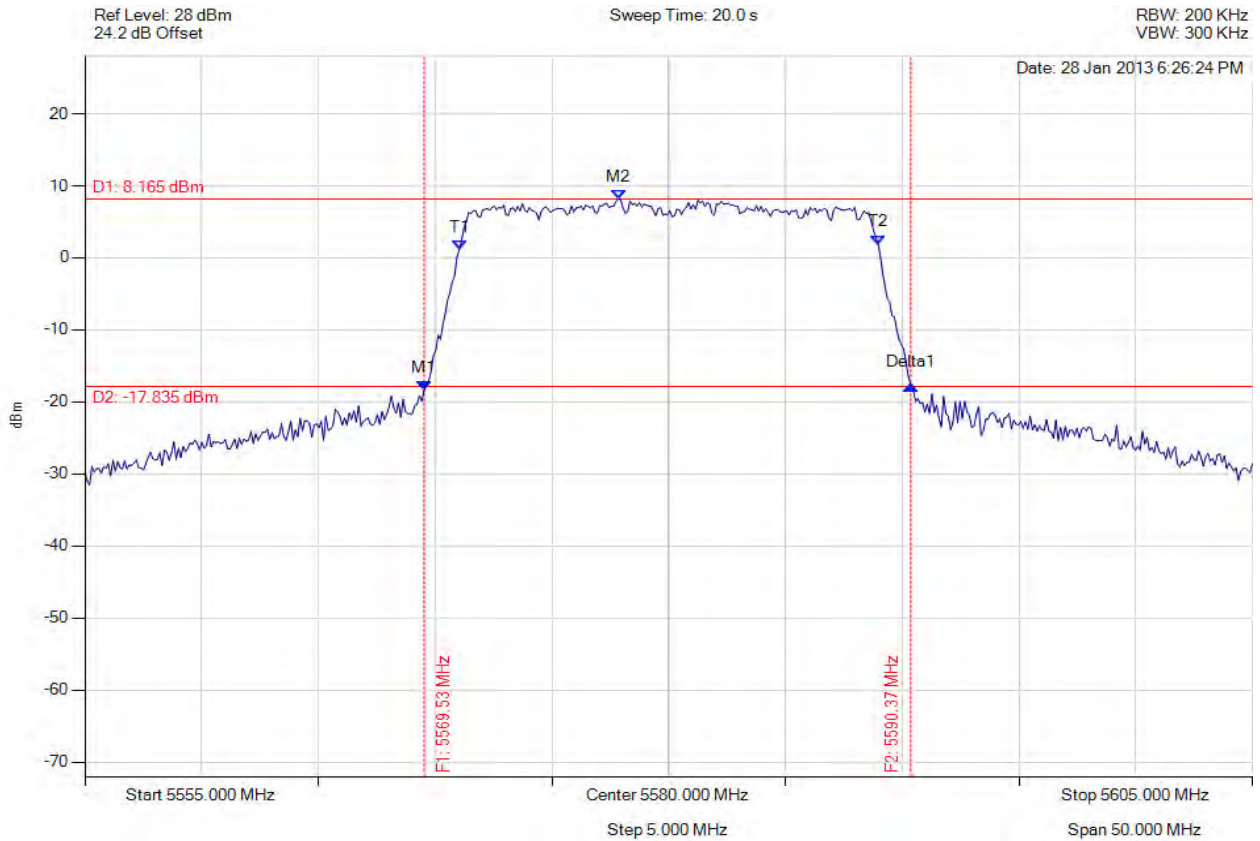
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5580.00 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 : 5569.529 MHz : -18.317 dBm M2 : 5577.846 MHz : 8.165 dBm Delta1 : 20.842 MHz : 0.679 dB T1 : 5571.032 MHz : 1.155 dBm T2 : 5588.968 MHz : 1.883 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 20.842 MHz Measured 99% Bandwidth: 17.936 MHz

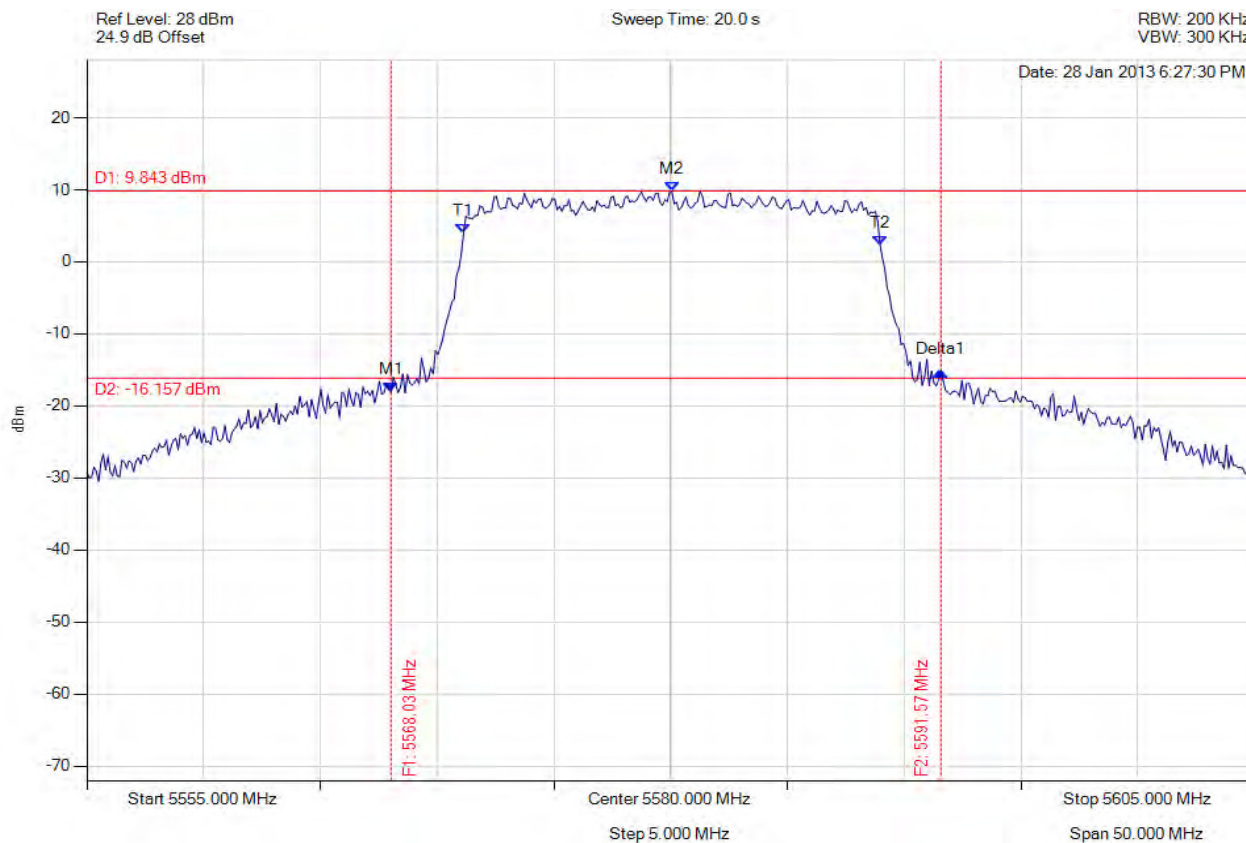
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5580.00 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 : 5568.026 MHz : -18.105 dBm M2 : 5580.050 MHz : 9.843 dBm Delta1 : 23.547 MHz : 2.953 dB T1 : 5571.132 MHz : 3.994 dBm T2 : 5588.968 MHz : 2.324 dBm OBW : 17.836 MHz	Measured 26 dB Bandwidth: 23.547 MHz Measured 99% Bandwidth: 17.836 MHz

[Back to the Matrix](#)

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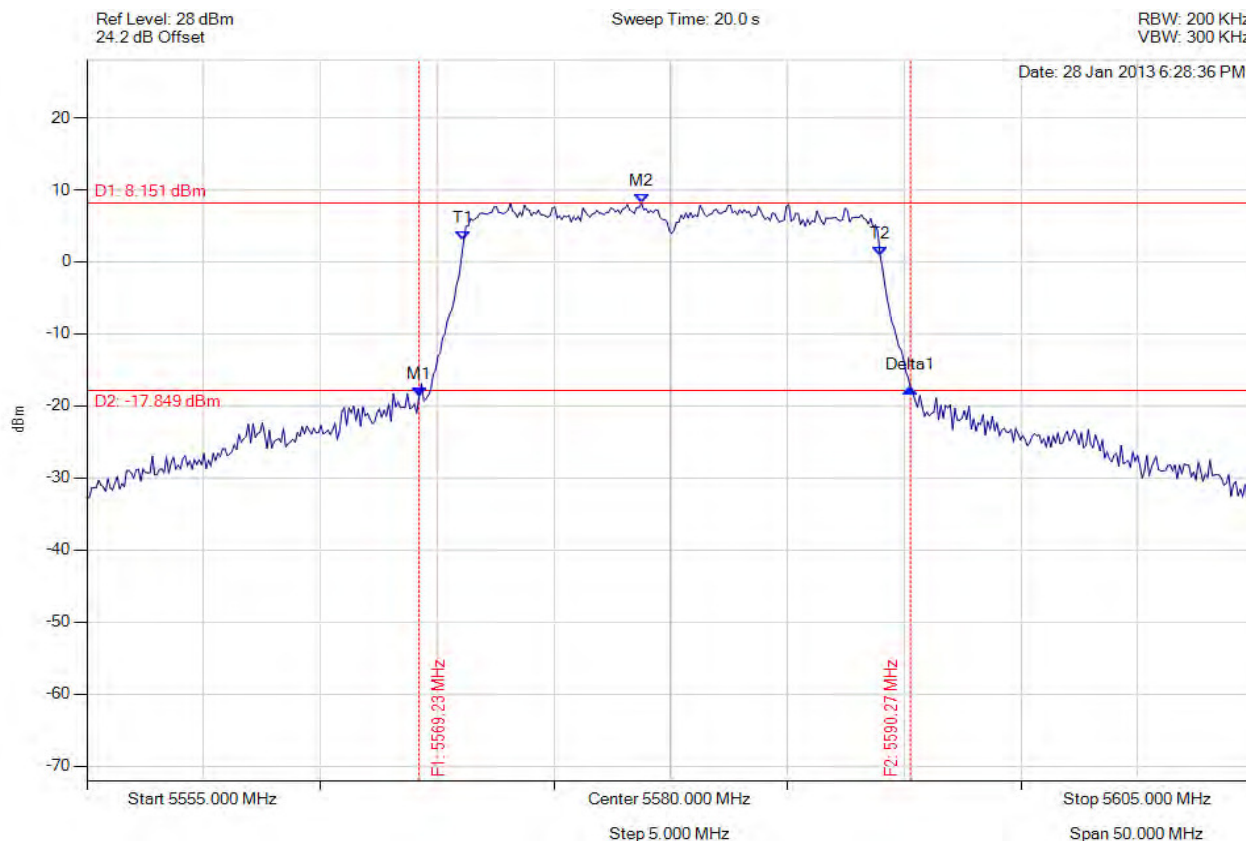


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 236 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5580.00 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 : 5569.228 MHz : -18.646 dBm M2 : 5578.747 MHz : 8.151 dBm Delta1 : 21.042 MHz : 1.178 dB T1 : 5571.132 MHz : 2.918 dBm T2 : 5588.968 MHz : 0.849 dBm OBW : 17.836 MHz	Measured 26 dB Bandwidth: 21.042 MHz Measured 99% Bandwidth: 17.836 MHz

[Back to the Matrix](#)

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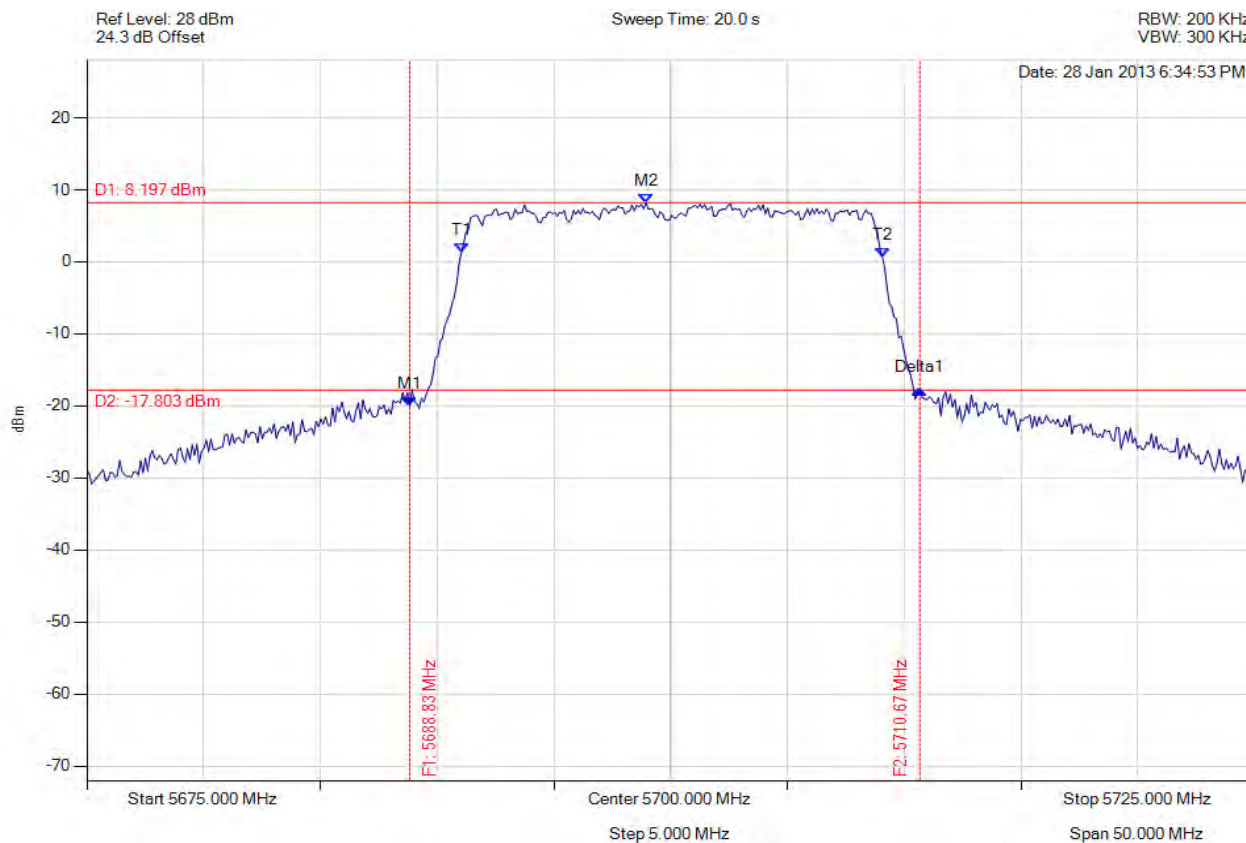


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 237 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5700.00 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 : 5688.828 MHz : -20.033 dBm M2 : 5698.948 MHz : 8.197 dBm Delta1 : 21.844 MHz : 2.294 dB T1 : 5691.032 MHz : 1.258 dBm T2 : 5709.068 MHz : 0.648 dBm OBW : 18.036 MHz	Measured 26 dB Bandwidth: 21.844 MHz Measured 99% Bandwidth: 18.036 MHz

[Back to the Matrix](#)

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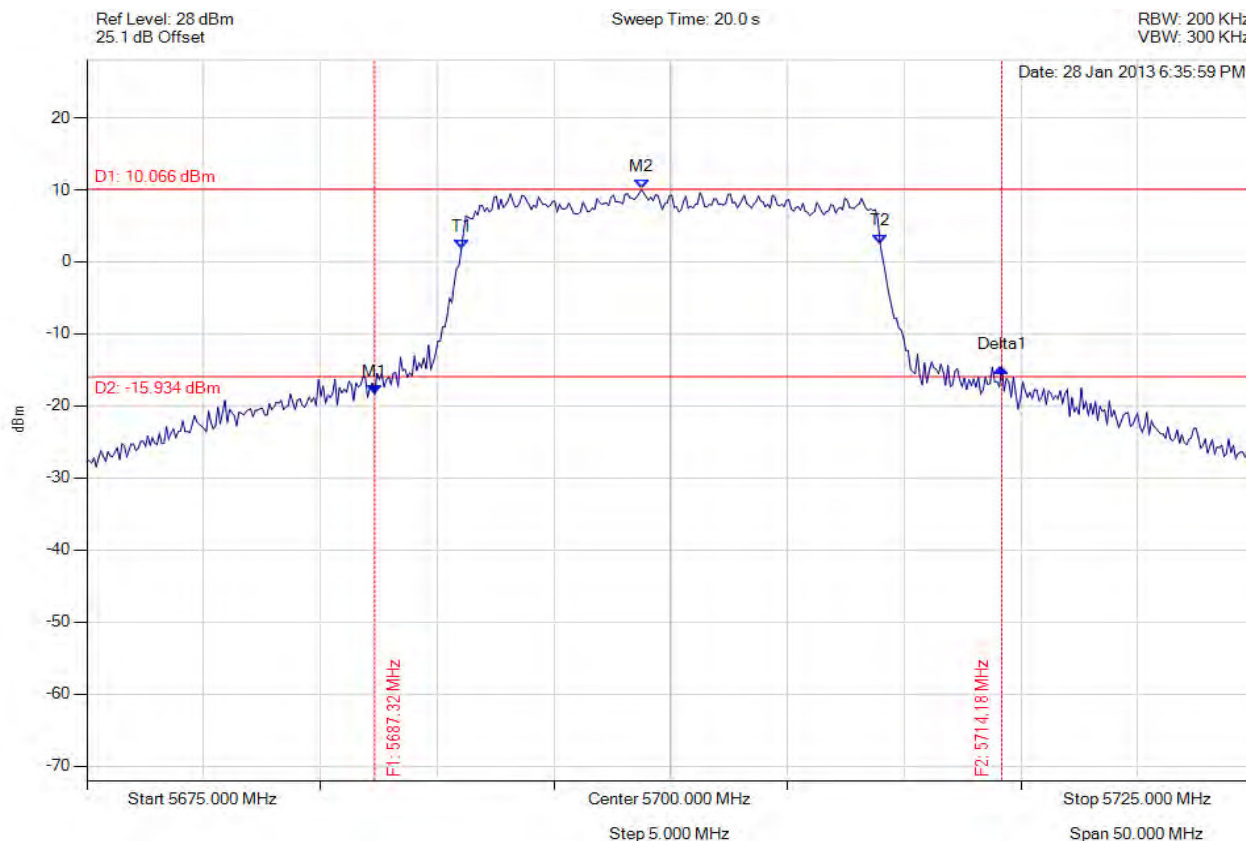


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 238 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5700.00 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 : 5687.325 MHz : -18.327 dBm M2 : 5698.747 MHz : 10.066 dBm Delta1 : 26.854 MHz : 3.691 dB T1 : 5691.032 MHz : 1.777 dBm T2 : 5708.968 MHz : 2.552 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 26.854 MHz Measured 99% Bandwidth: 17.936 MHz

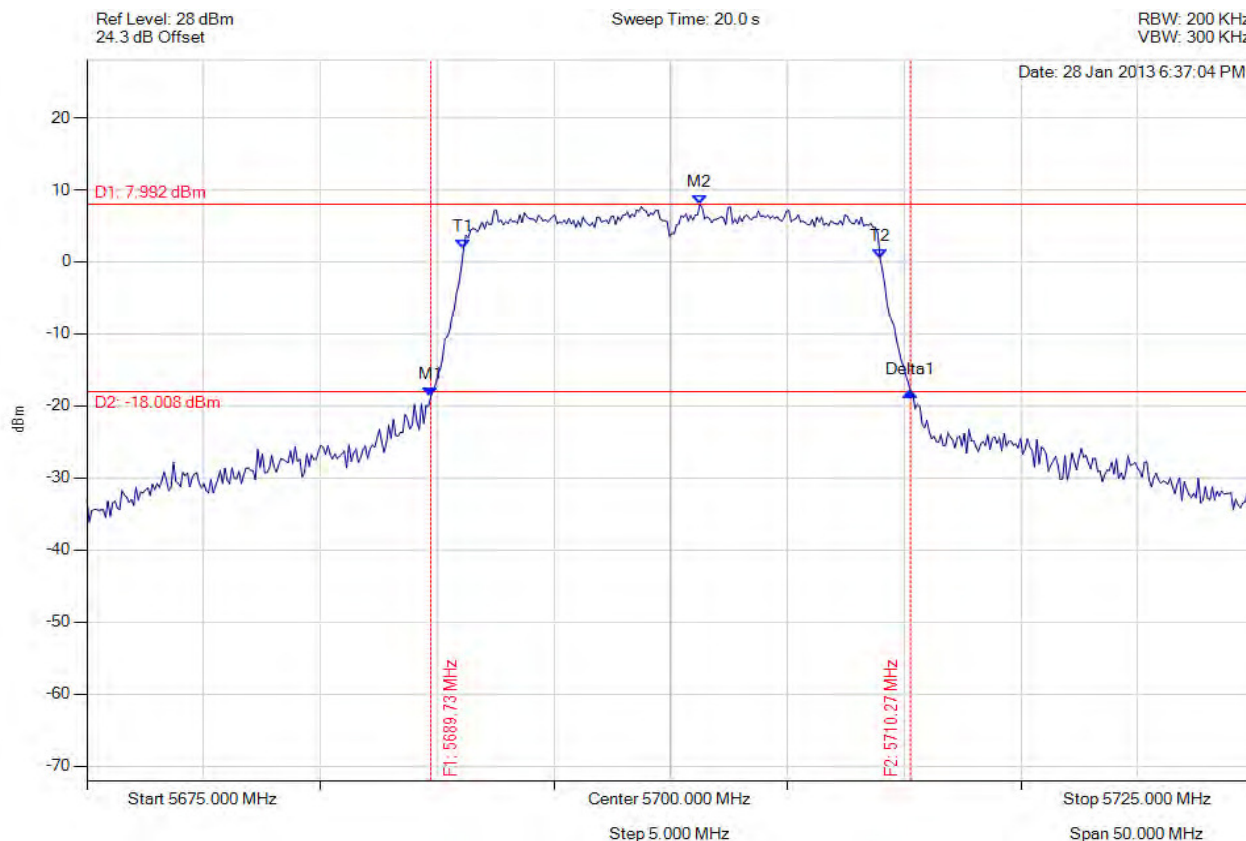
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5700.00 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 : 5689.729 MHz : -18.758 dBm M2 : 5701.253 MHz : 7.992 dBm Delta1 : 20.541 MHz : 0.759 dB T1 : 5691.132 MHz : 1.846 dBm T2 : 5708.968 MHz : 0.457 dBm OBW : 17.836 MHz	Measured 26 dB Bandwidth: 20.541 MHz Measured 99% Bandwidth: 17.836 MHz

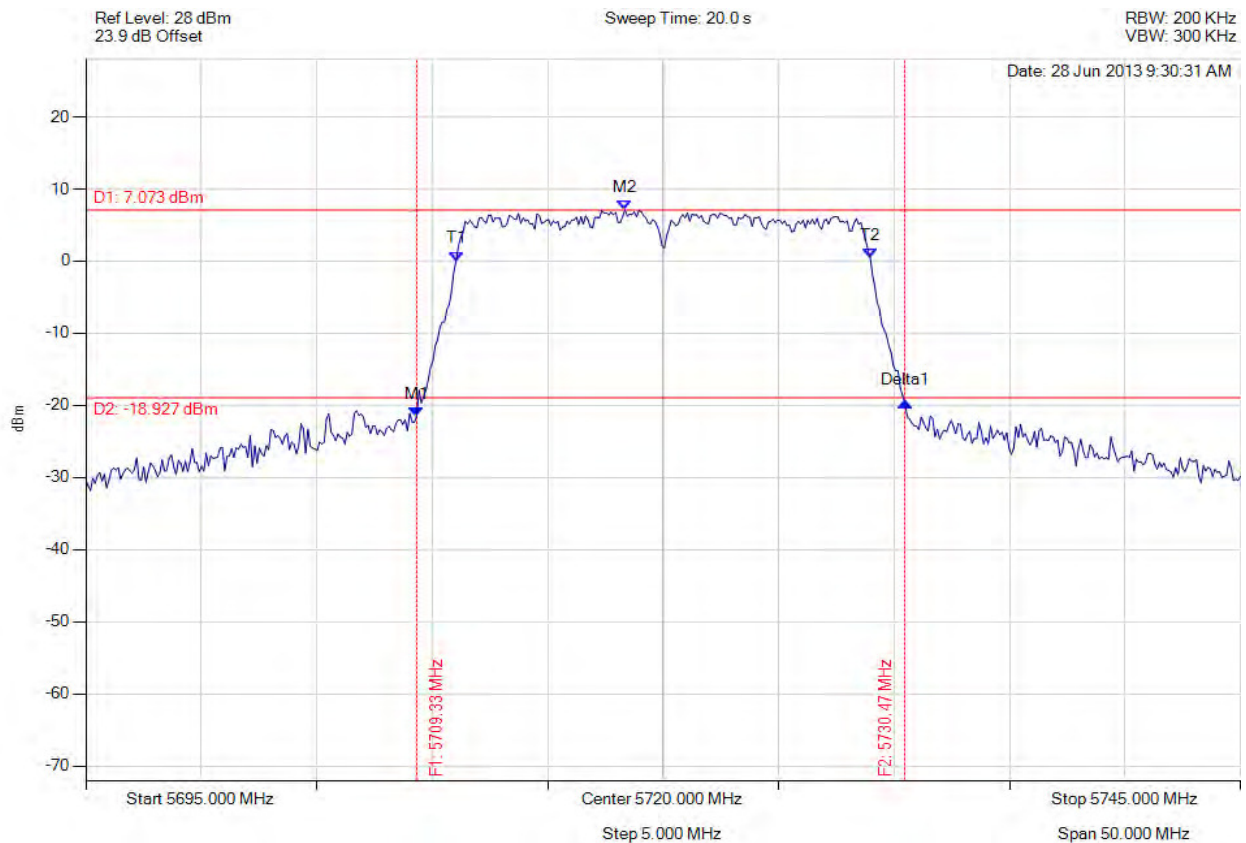
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5720.00 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 : 5709.329 MHz : -21.477 dBm M2 : 5718.347 MHz : 7.073 dBm Delta1 : 21.142 MHz : 1.873 dB T1 : 5711.032 MHz : 0.050 dBm T2 : 5728.968 MHz : 0.457 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 21.142 MHz Measured 99% Bandwidth: 17.936 MHz

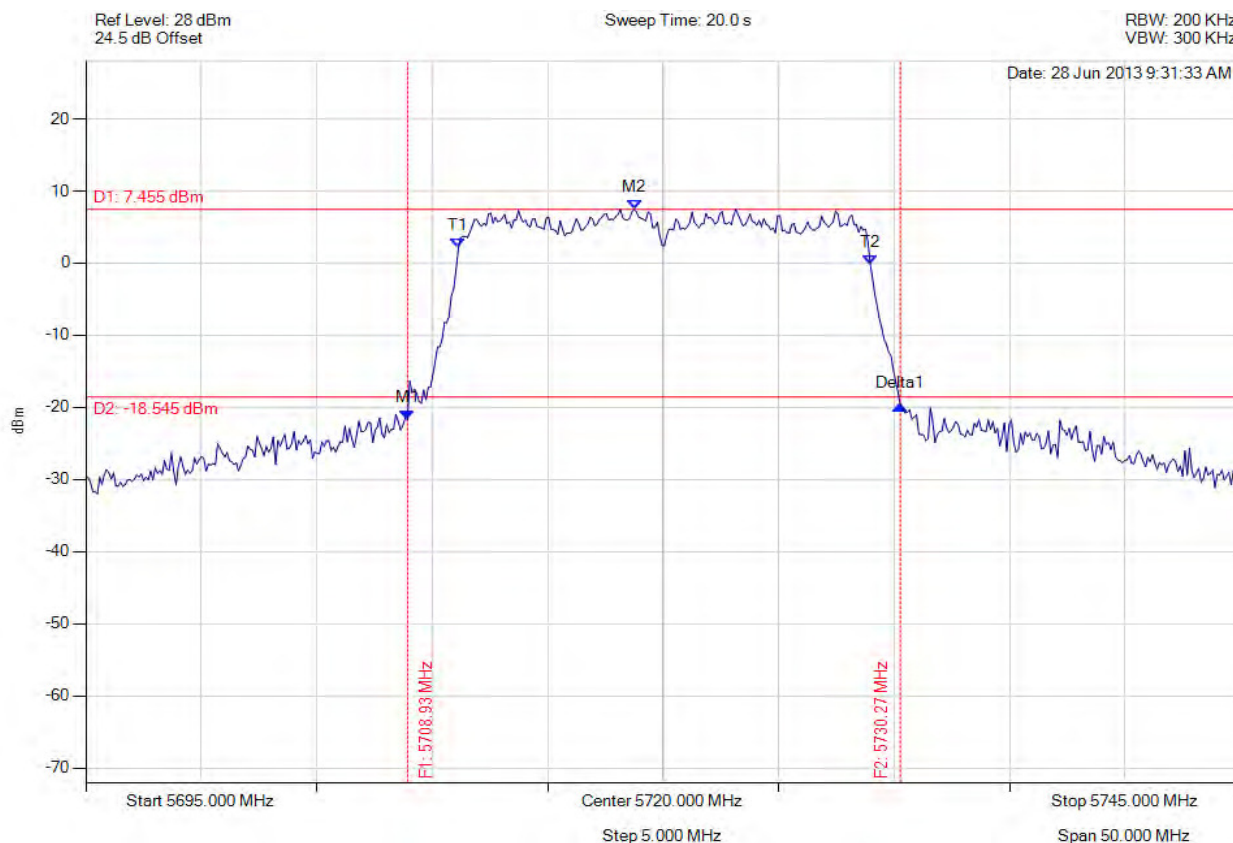
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5720.00 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 : 5708.928 MHz : -21.652 dBm M2 : 5718.747 MHz : 7.455 dBm Delta1 : 21.343 MHz : 1.942 dB T1 : 5711.132 MHz : 2.064 dBm T2 : 5728.968 MHz : -0.129 dBm OBW : 17.836 MHz	Measured 26 dB Bandwidth: 21.343 MHz Measured 99% Bandwidth: 17.836 MHz

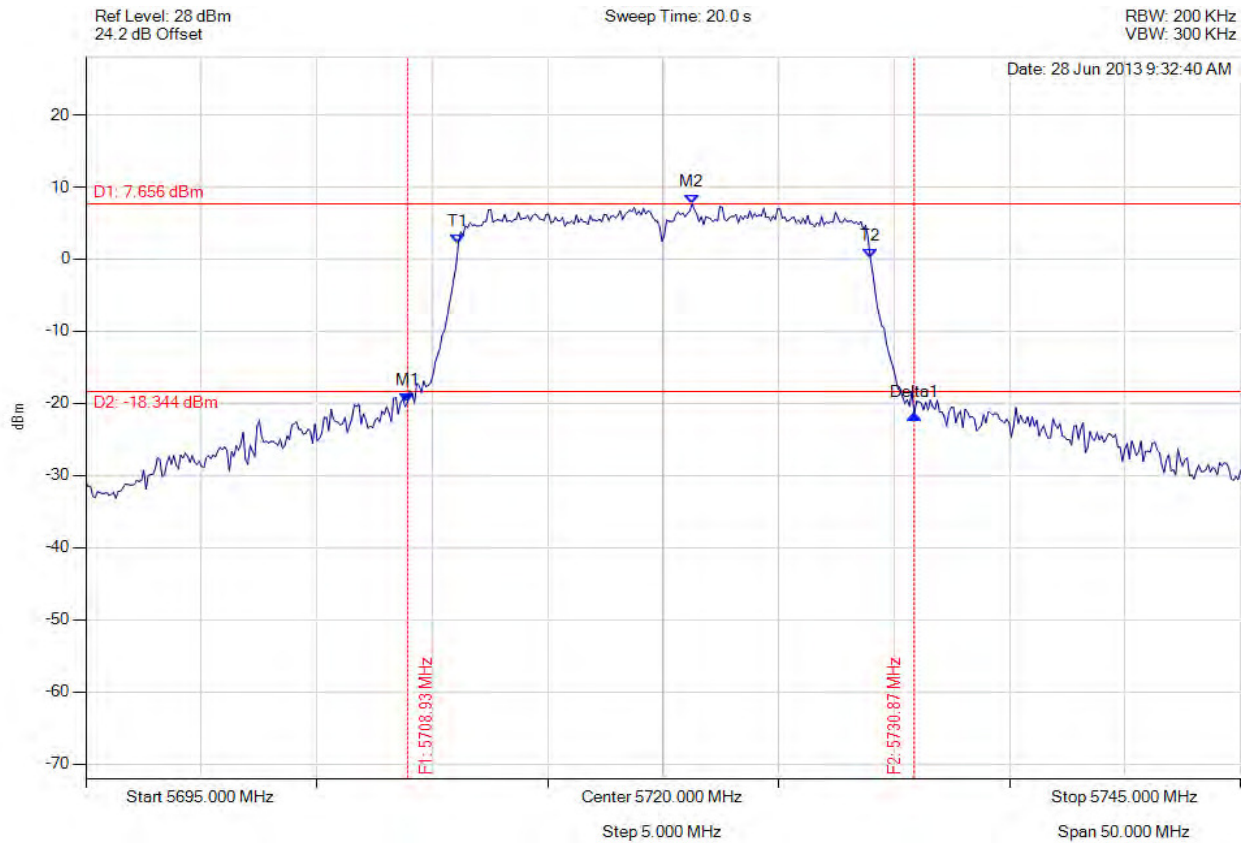
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-20, Channel: 5720.00 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 : 5708.928 MHz : -19.923 dBm M2 : 5721.253 MHz : 7.656 dBm Delta1 : 21.944 MHz : -1.580 dB T1 : 5711.132 MHz : 2.182 dBm T2 : 5728.968 MHz : 0.203 dBm OBW : 17.836 MHz	Measured 26 dB Bandwidth: 21.944 MHz Measured 99% Bandwidth: 17.836 MHz

[Back to the Matrix](#)

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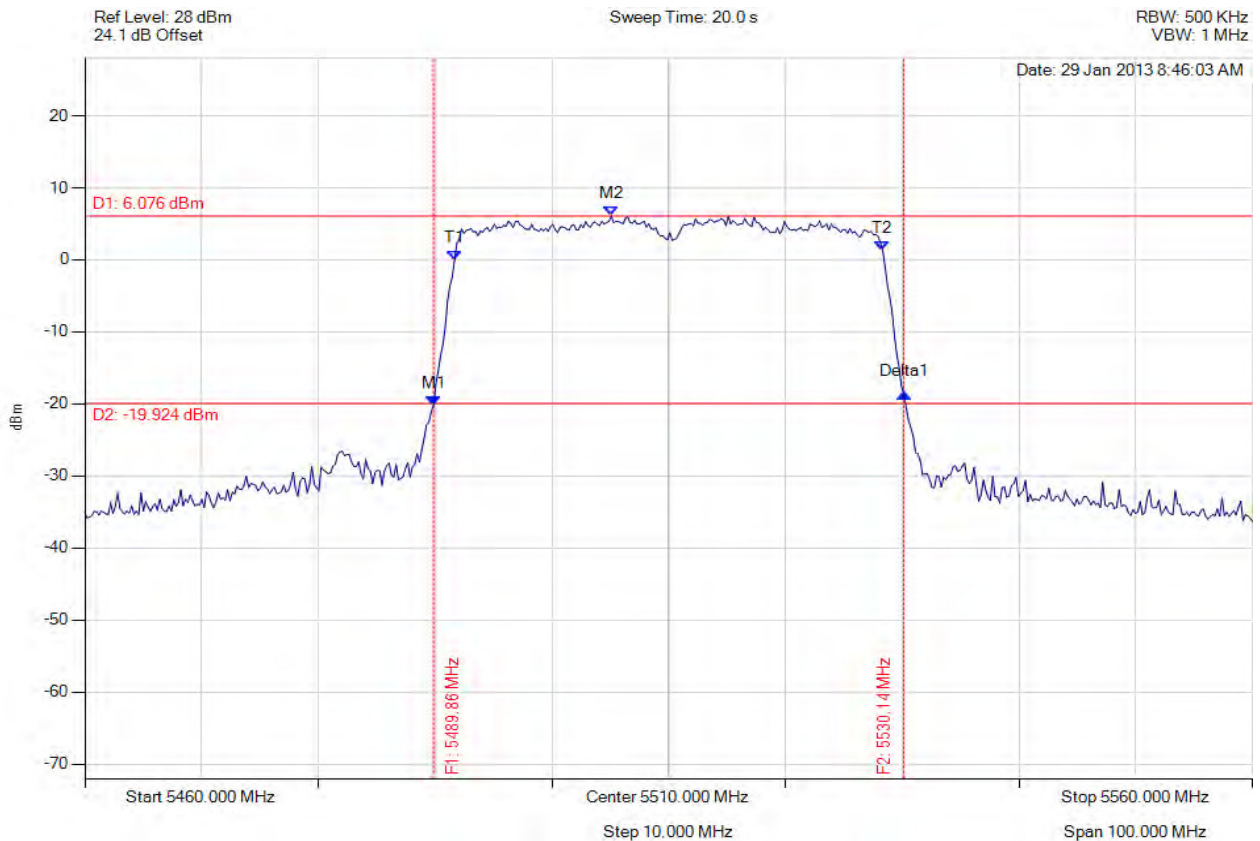


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 243 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5510.00 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 : 5489.860 MHz : -20.232 dBm M2 : 5505.090 MHz : 6.076 dBm Delta1 : 40.281 MHz : 1.666 dB T1 : 5491.663 MHz : -0.066 dBm T2 : 5528.337 MHz : 1.273 dBm OBW : 36.673 MHz	Measured 26 dB Bandwidth: 40.281 MHz Measured 99% Bandwidth: 36.673 MHz

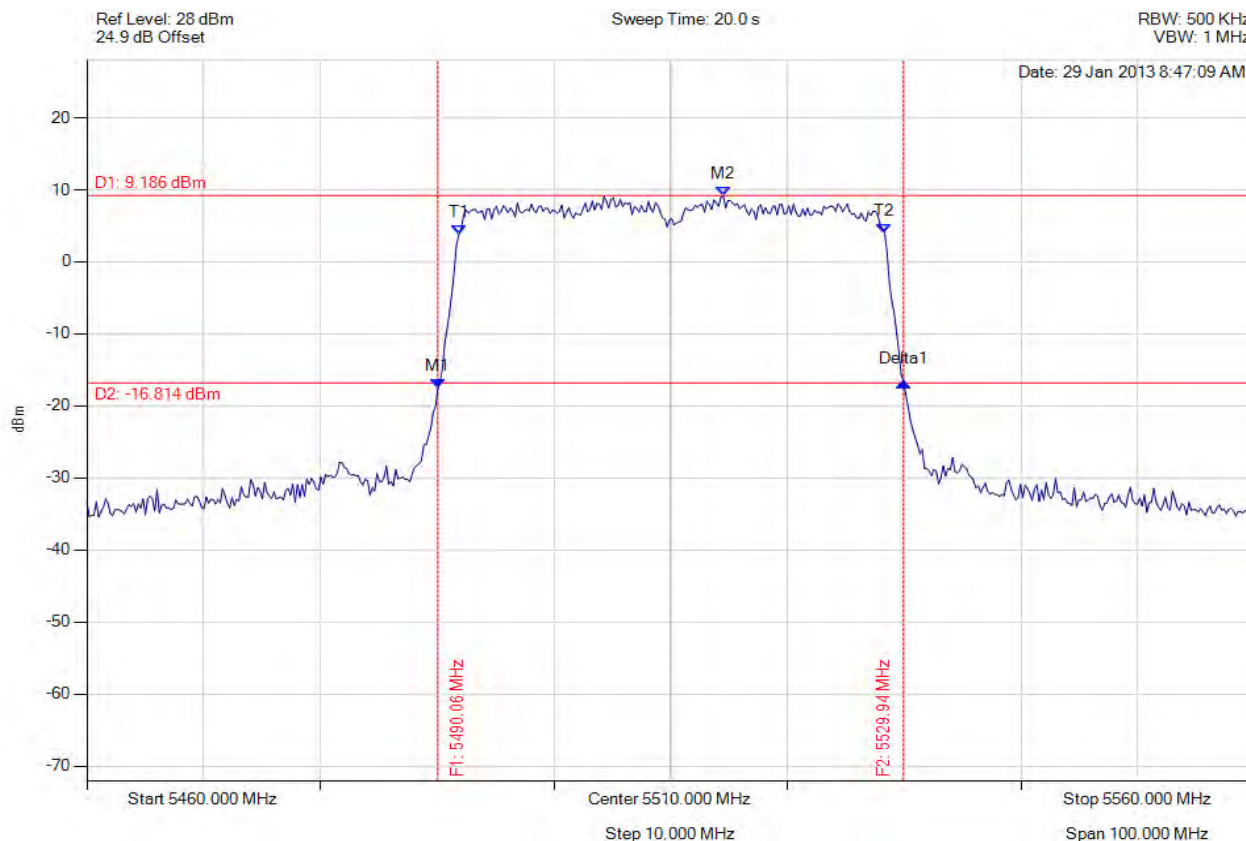
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5510.00 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 : 5490.060 MHz : -17.574 dBm M2 : 5514.509 MHz : 9.186 dBm Delta1 : 39.880 MHz : 0.940 dB T1 : 5491.864 MHz : 3.845 dBm T2 : 5528.337 MHz : 3.916 dBm OBW : 36.473 MHz	Measured 26 dB Bandwidth: 39.880 MHz Measured 99% Bandwidth: 36.473 MHz

[Back to the Matrix](#)

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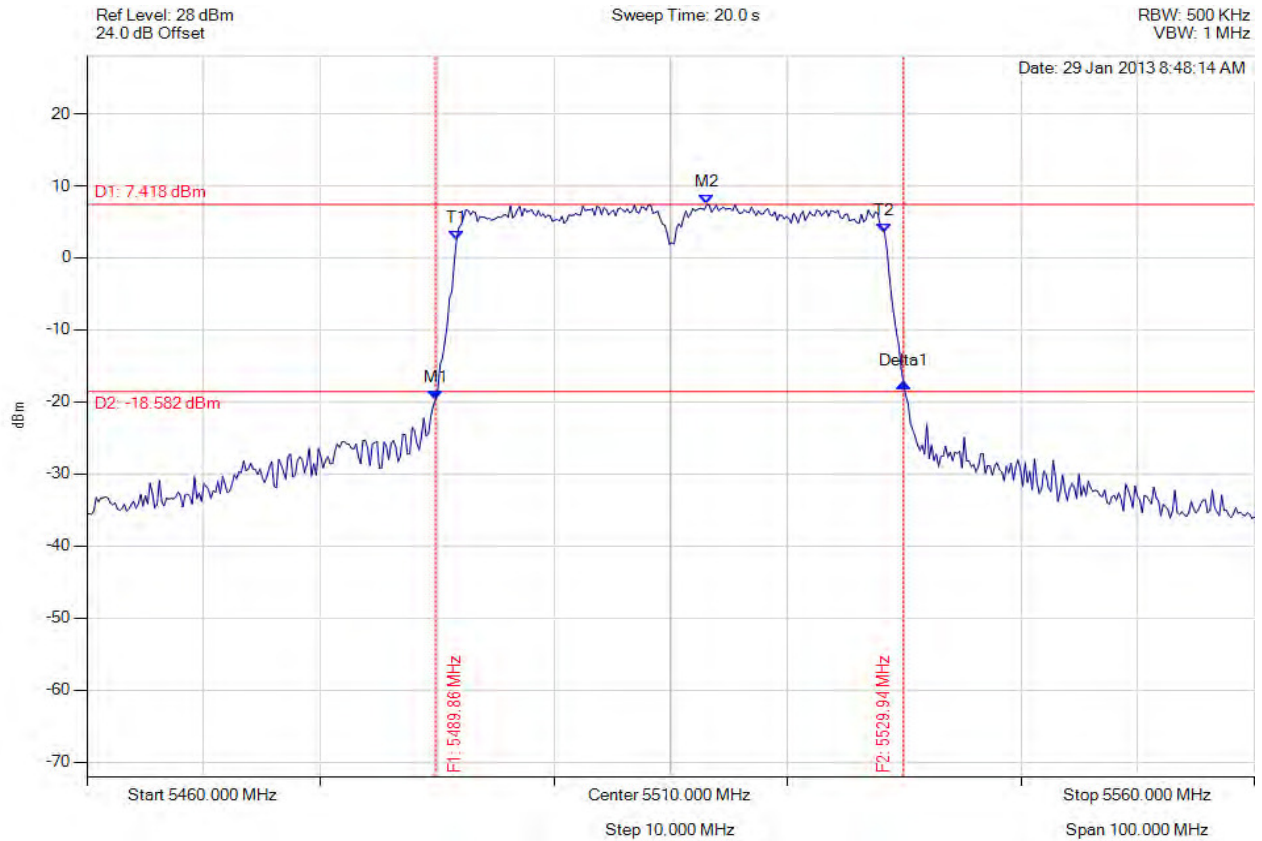


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 245 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5510.00 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 : 5489.860 MHz : -19.675 dBm M2 : 5513.106 MHz : 7.418 dBm Delta1 : 40.080 MHz : 2.323 dB T1 : 5491.663 MHz : 2.495 dBm T2 : 5528.337 MHz : 3.394 dBm OBW : 36.673 MHz	Measured 26 dB Bandwidth: 40.080 MHz Measured 99% Bandwidth: 36.673 MHz

[Back to the Matrix](#)

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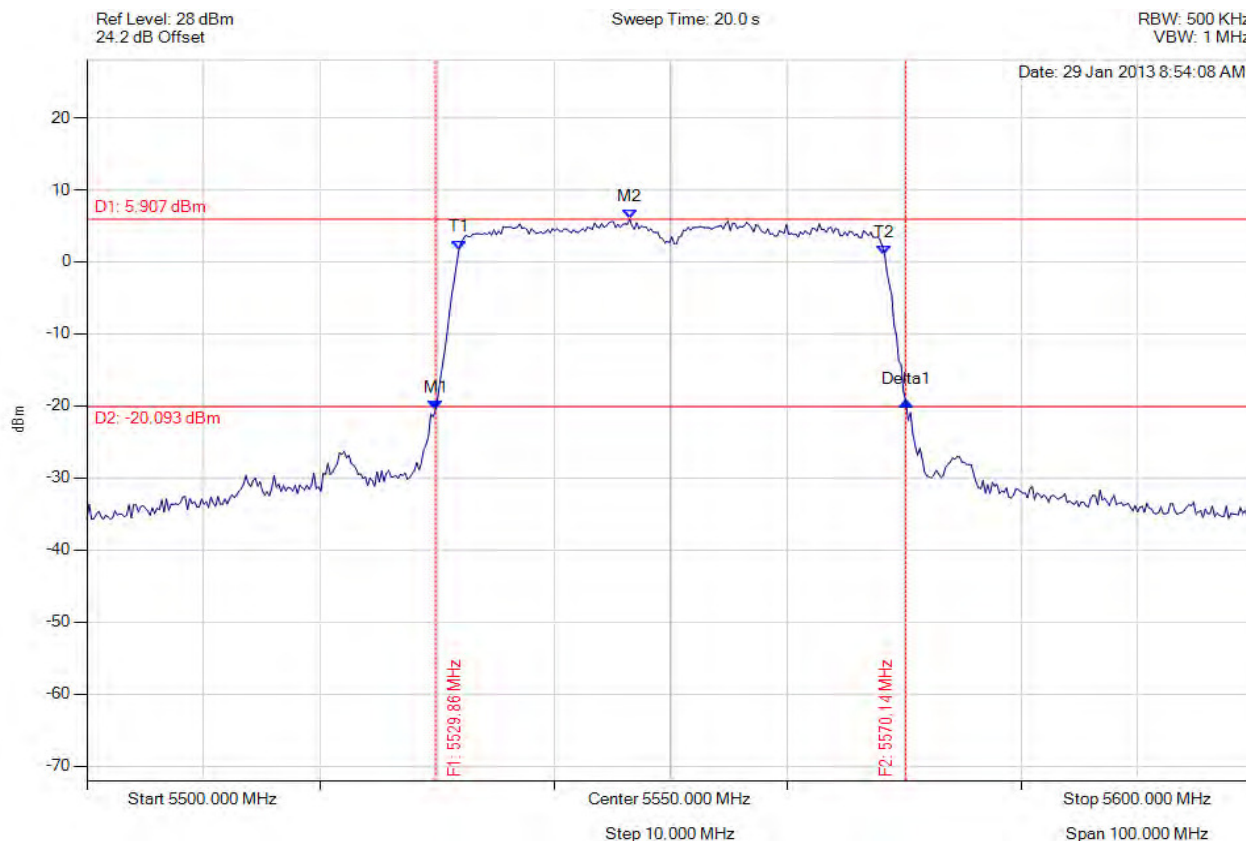


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 246 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5550.00 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 : 5529.860 MHz : -20.548 dBm M2 : 5546.493 MHz : 5.907 dBm Delta1 : 40.281 MHz : 1.202 dB T1 : 5531.864 MHz : 1.712 dBm T2 : 5568.337 MHz : 0.931 dBm OBW : 36.473 MHz	Measured 26 dB Bandwidth: 40.281 MHz Measured 99% Bandwidth: 36.473 MHz

[Back to the Matrix](#)

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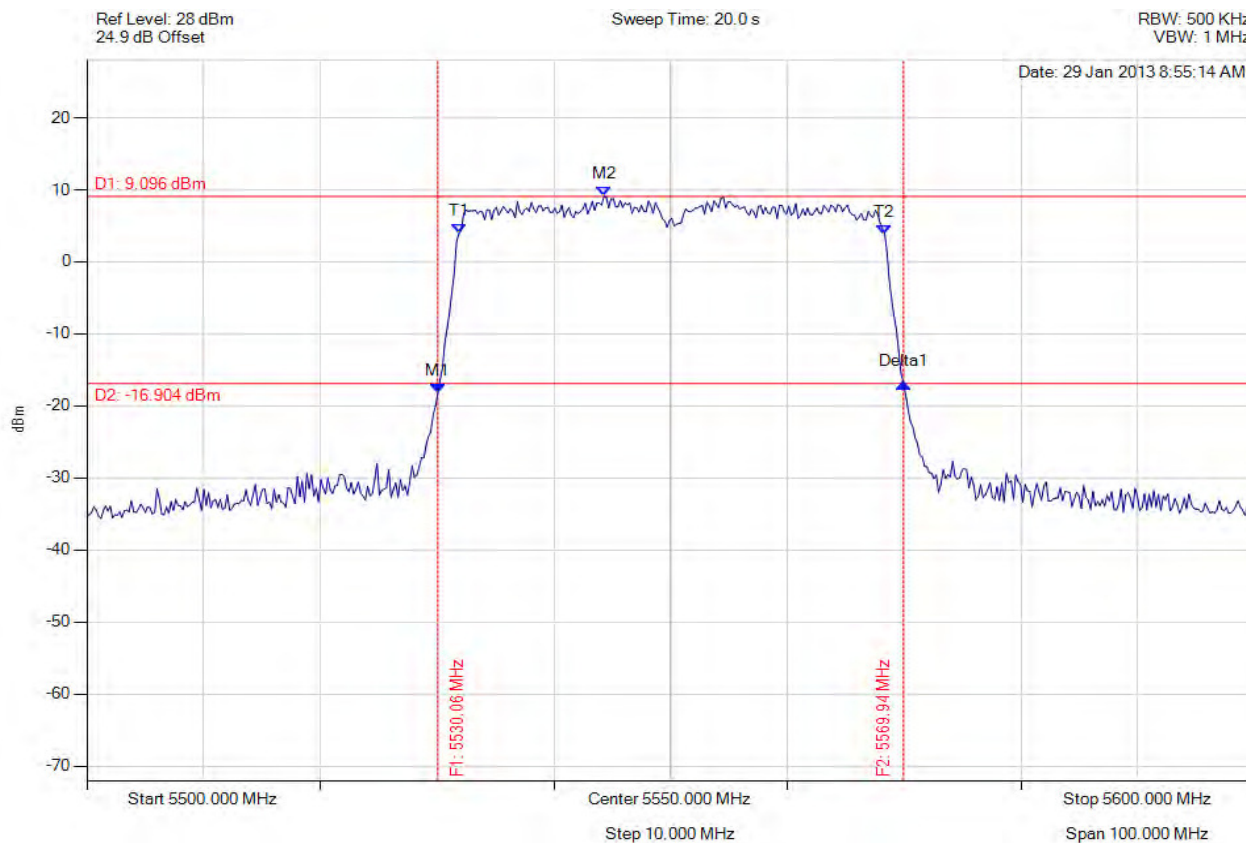


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 247 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5550.00 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 : 5530.060 MHz : -18.197 dBm M2 : 5544.289 MHz : 9.096 dBm Delta1 : 39.880 MHz : 1.348 dB T1 : 5531.864 MHz : 3.935 dBm T2 : 5568.337 MHz : 3.872 dBm OBW : 36.473 MHz	Measured 26 dB Bandwidth: 39.880 MHz Measured 99% Bandwidth: 36.473 MHz

[Back to the Matrix](#)

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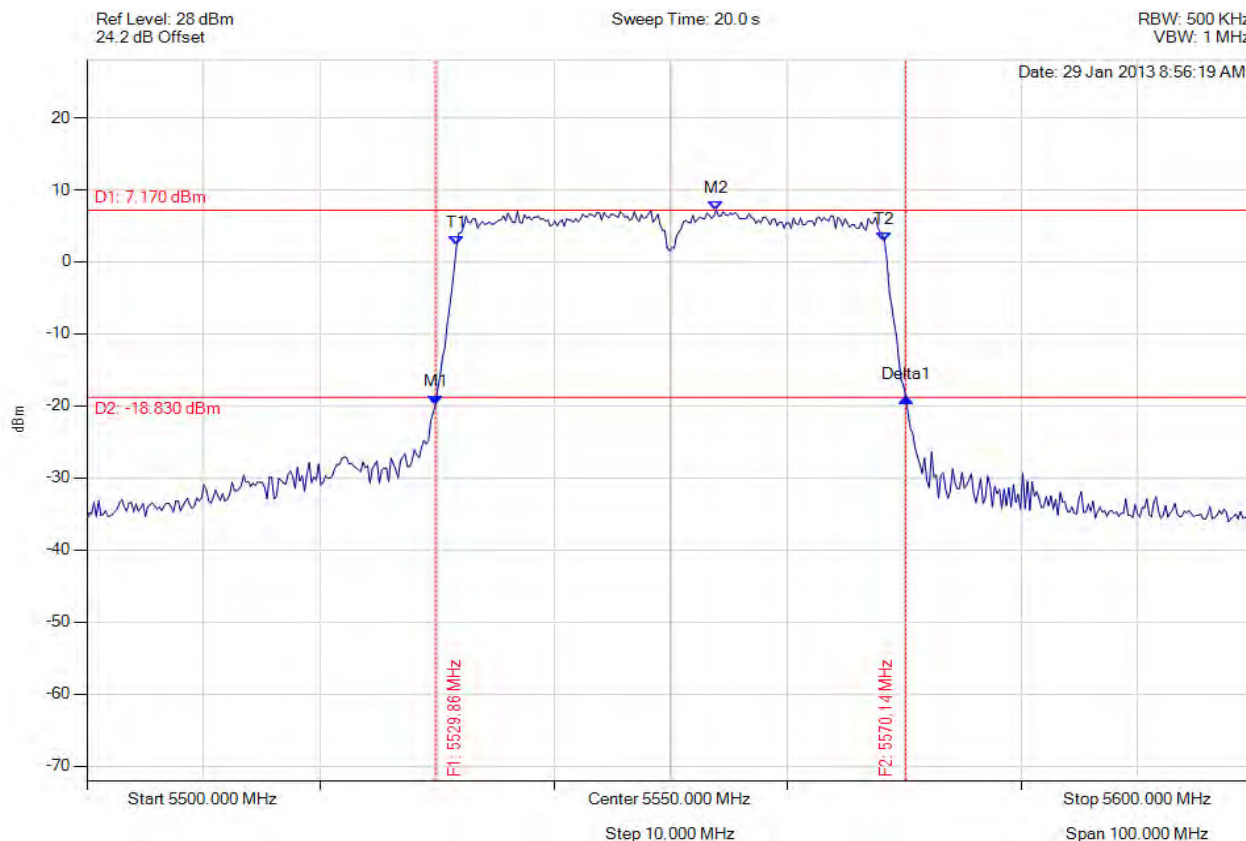


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 248 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5550.00 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 : 5529.860 MHz : -19.801 dBm M2 : 5553.908 MHz : 7.170 dBm Delta1 : 40.281 MHz : 0.994 dB T1 : 5531.663 MHz : 2.247 dBm T2 : 5568.337 MHz : 2.731 dBm OBW : 36.673 MHz	Measured 26 dB Bandwidth: 40.281 MHz Measured 99% Bandwidth: 36.673 MHz

[Back to the Matrix](#)

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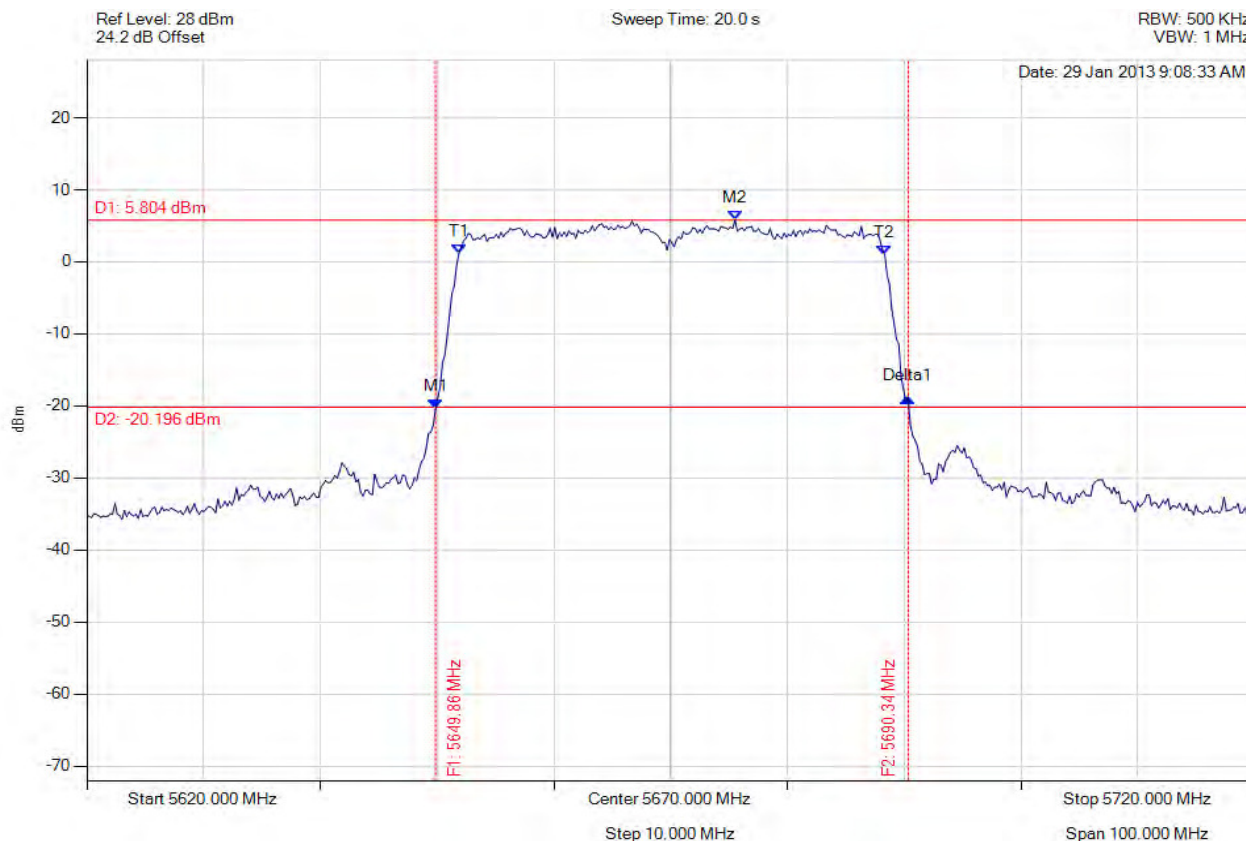


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 249 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5670.00 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 : 5649.860 MHz : -20.456 dBm M2 : 5675.511 MHz : 5.804 dBm Delta1 : 40.481 MHz : 1.580 dB T1 : 5651.864 MHz : 1.191 dBm T2 : 5688.337 MHz : 1.012 dBm OBW : 36.473 MHz	Measured 26 dB Bandwidth: 40.481 MHz Measured 99% Bandwidth: 36.473 MHz

[Back to the Matrix](#)

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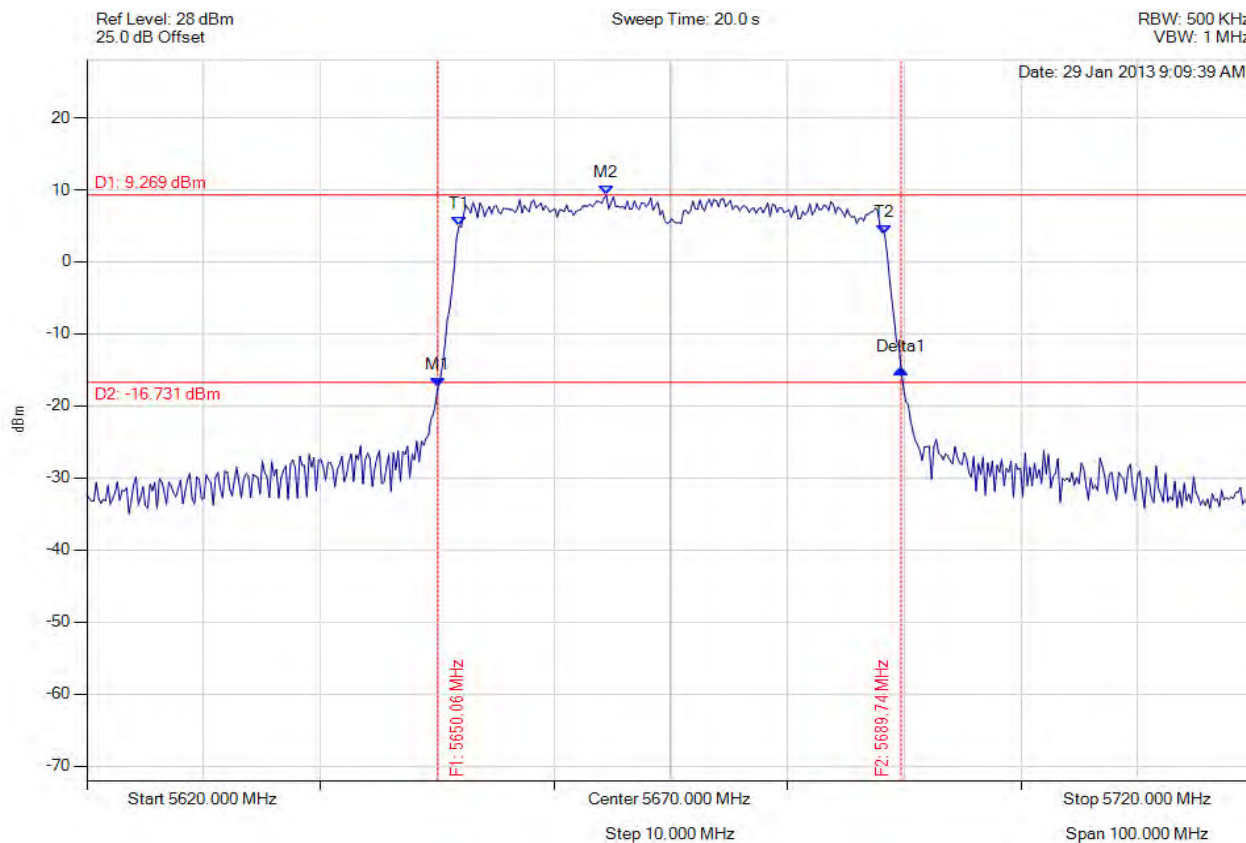


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 250 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5670.00 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 : 5650.060 MHz : -17.448 dBm M2 : 5664.489 MHz : 9.269 dBm Delta1 : 39.679 MHz : 2.524 dB T1 : 5651.864 MHz : 4.960 dBm T2 : 5688.337 MHz : 3.733 dBm OBW : 36.473 MHz	Measured 26 dB Bandwidth: 39.679 MHz Measured 99% Bandwidth: 36.473 MHz

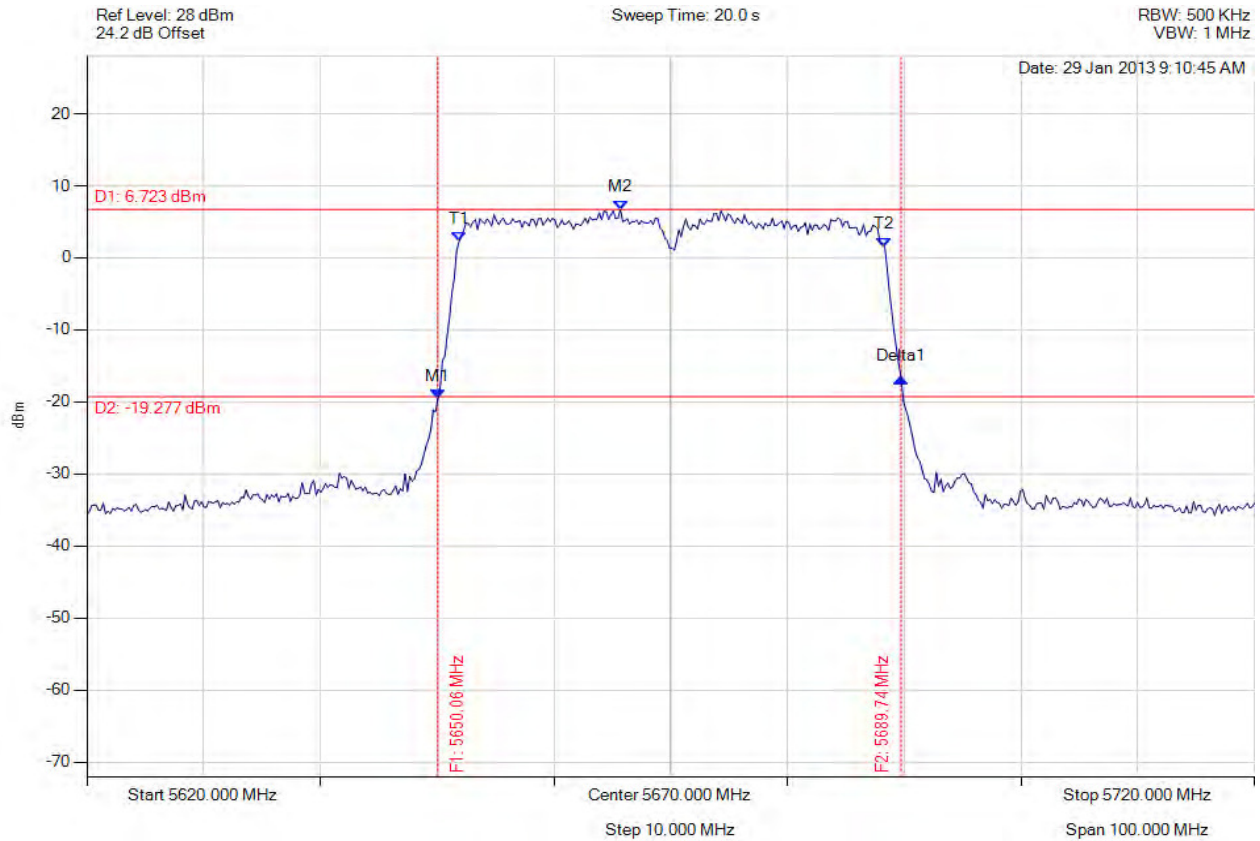
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5670.00 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 : 5650.060 MHz : -19.492 dBm M2 : 5665.691 MHz : 6.723 dBm Delta1 : 39.679 MHz : 2.739 dB T1 : 5651.864 MHz : 2.239 dBm T2 : 5688.337 MHz : 1.541 dBm OBW : 36.473 MHz	Measured 26 dB Bandwidth: 39.679 MHz Measured 99% Bandwidth: 36.473 MHz

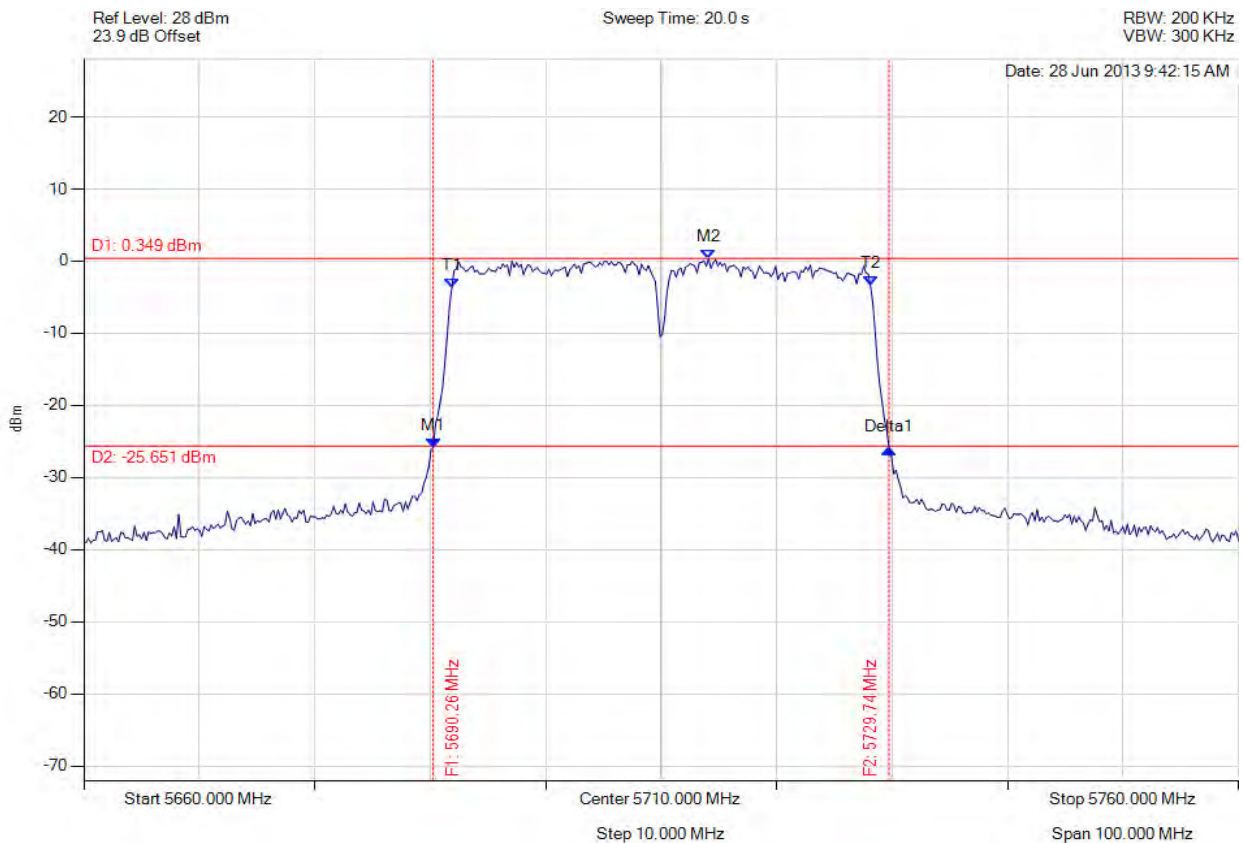
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5710.00 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 : 5690.261 MHz : -25.833 dBm M2 : 5714.108 MHz : 0.349 dBm Delta1 : 39.479 MHz : -0.153 dB T1 : 5691.864 MHz : -3.700 dBm T2 : 5728.136 MHz : -3.440 dBm OBW : 36.273 MHz	Measured 26 dB Bandwidth: 39.479 MHz Measured 99% Bandwidth: 36.273 MHz

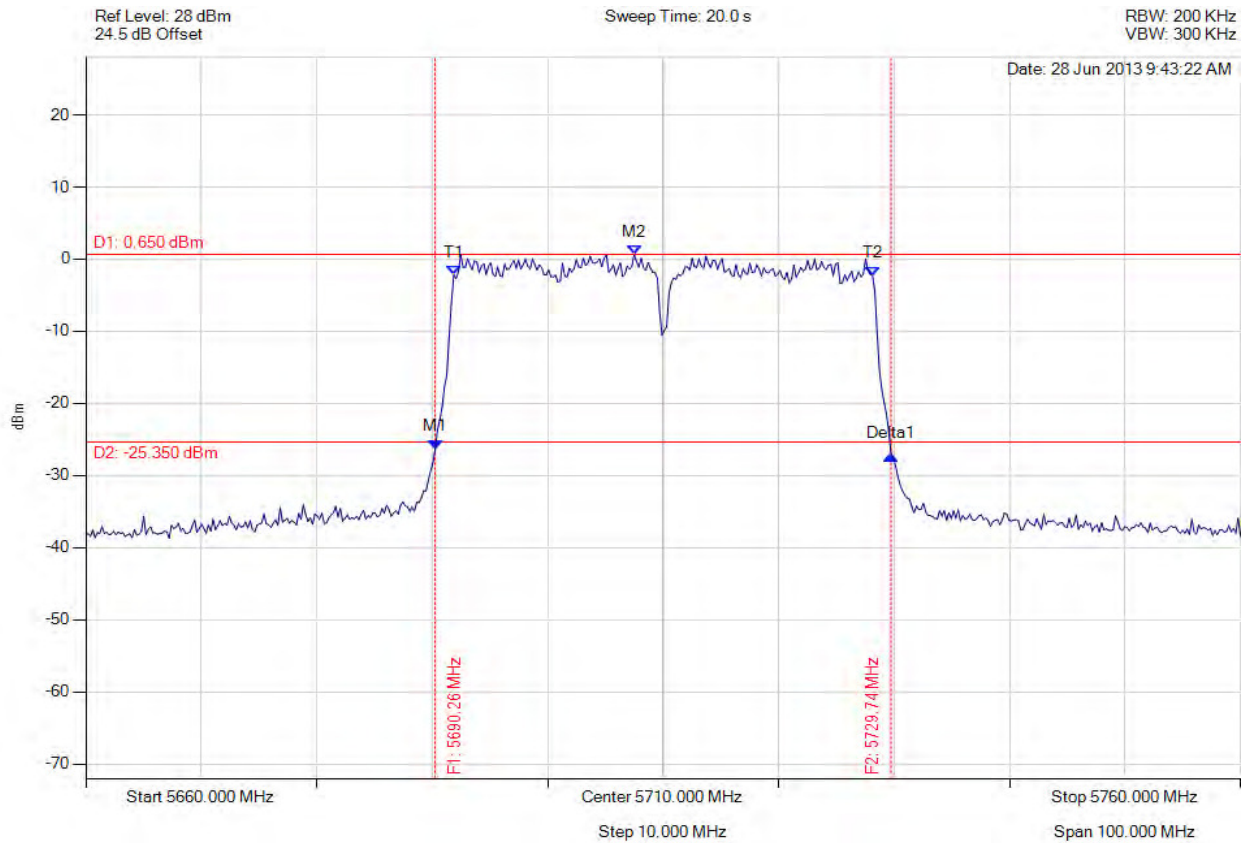
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5710.00 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 : 5690.261 MHz : -26.303 dBm M2 : 5707.495 MHz : 0.650 dBm Delta1 : 39.479 MHz : -0.856 dB T1 : 5691.864 MHz : -2.205 dBm T2 : 5728.136 MHz : -2.293 dBm OBW : 36.273 MHz	Measured 26 dB Bandwidth: 39.479 MHz Measured 99% Bandwidth: 36.273 MHz

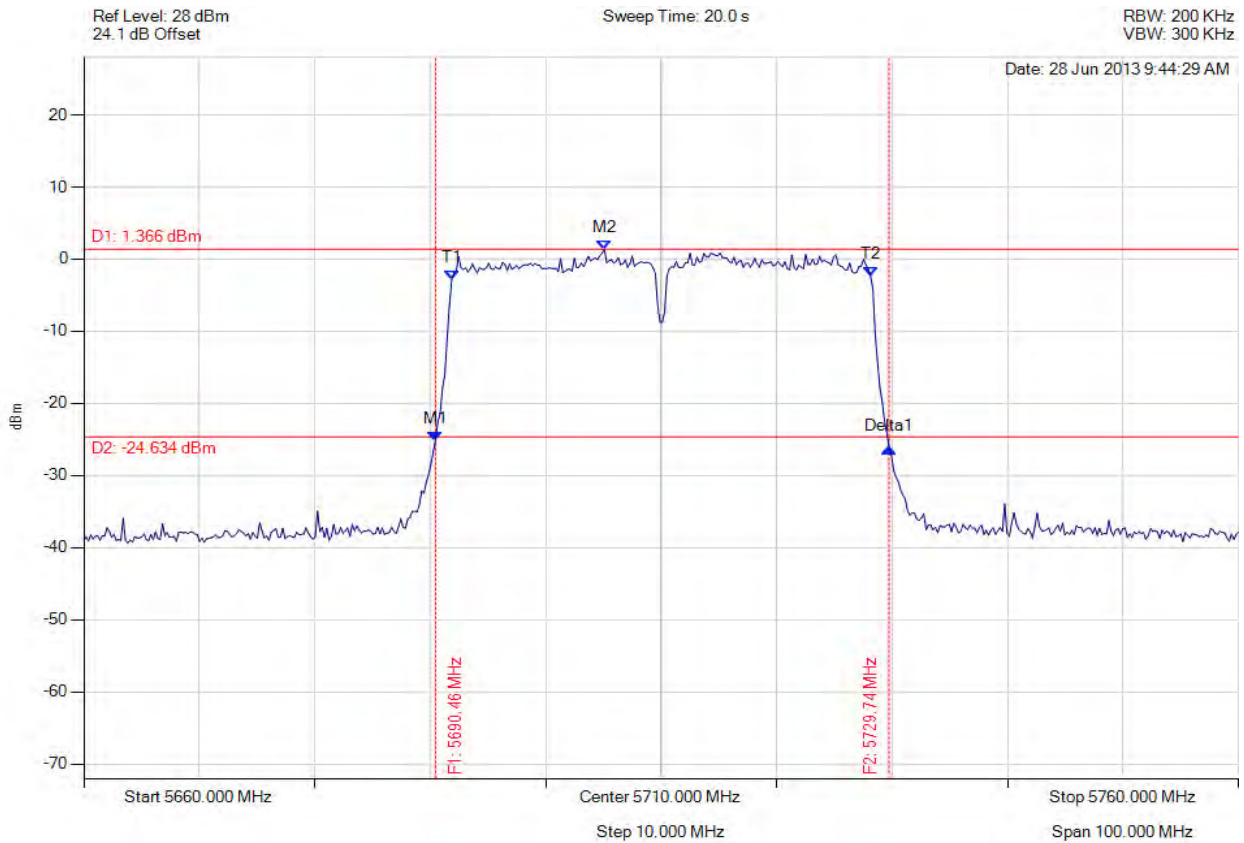
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11n HT-40, Channel: 5710.00 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 : 5690.461 MHz : -25.160 dBm M2 : 5705.090 MHz : 1.366 dBm Delta1 : 39.279 MHz : -1.119 dB T1 : 5691.864 MHz : -2.823 dBm T2 : 5728.136 MHz : -2.327 dBm OBW : 36.273 MHz	Measured 26 dB Bandwidth: 39.279 MHz Measured 99% Bandwidth: 36.273 MHz

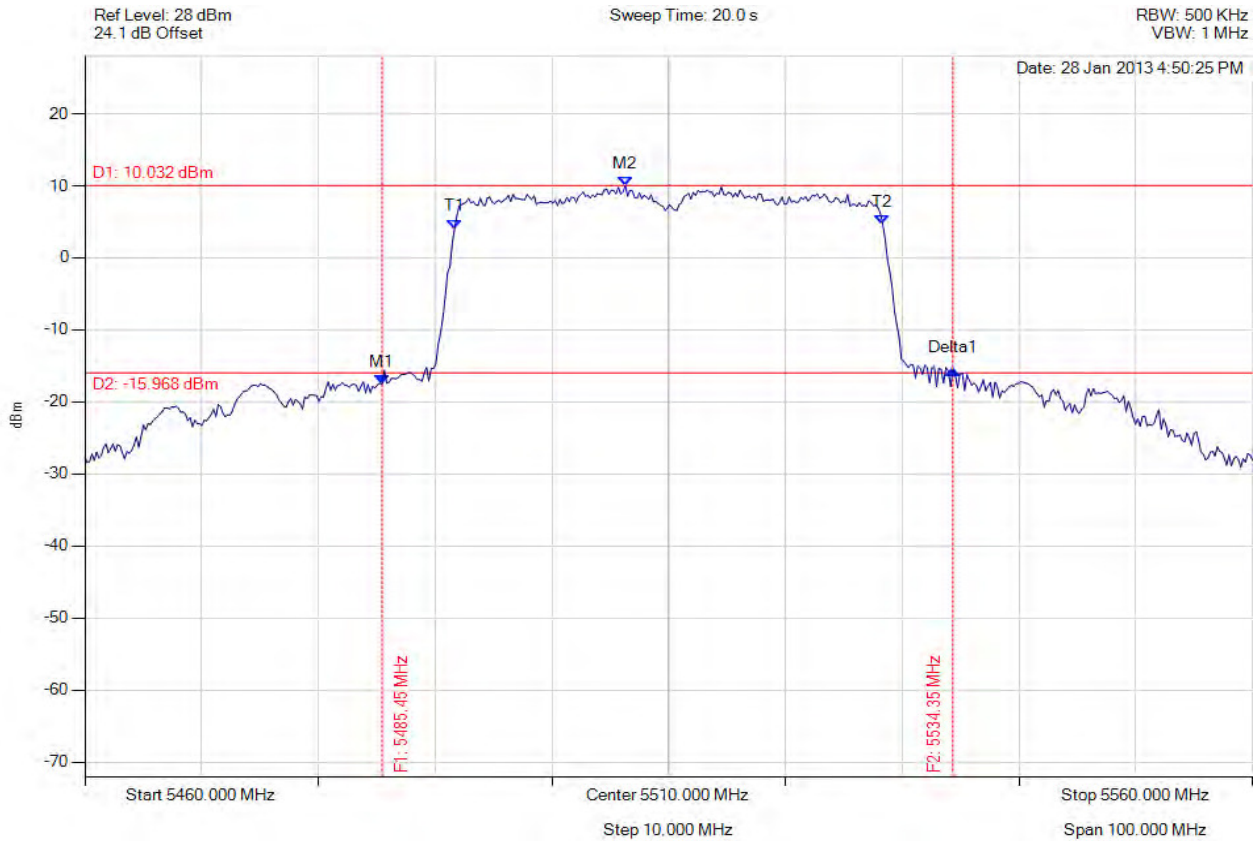
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11ac-40, Channel: 5510.00 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 : 5485.451 MHz : -17.509 dBm M2 : 5506.293 MHz : 10.032 dBm Delta1 : 48.898 MHz : 1.891 dB T1 : 5491.663 MHz : 4.045 dBm T2 : 5528.337 MHz : 4.642 dBm OBW : 36.673 MHz	Measured 26 dB Bandwidth: 48.898 MHz Measured 99% Bandwidth: 36.673 MHz

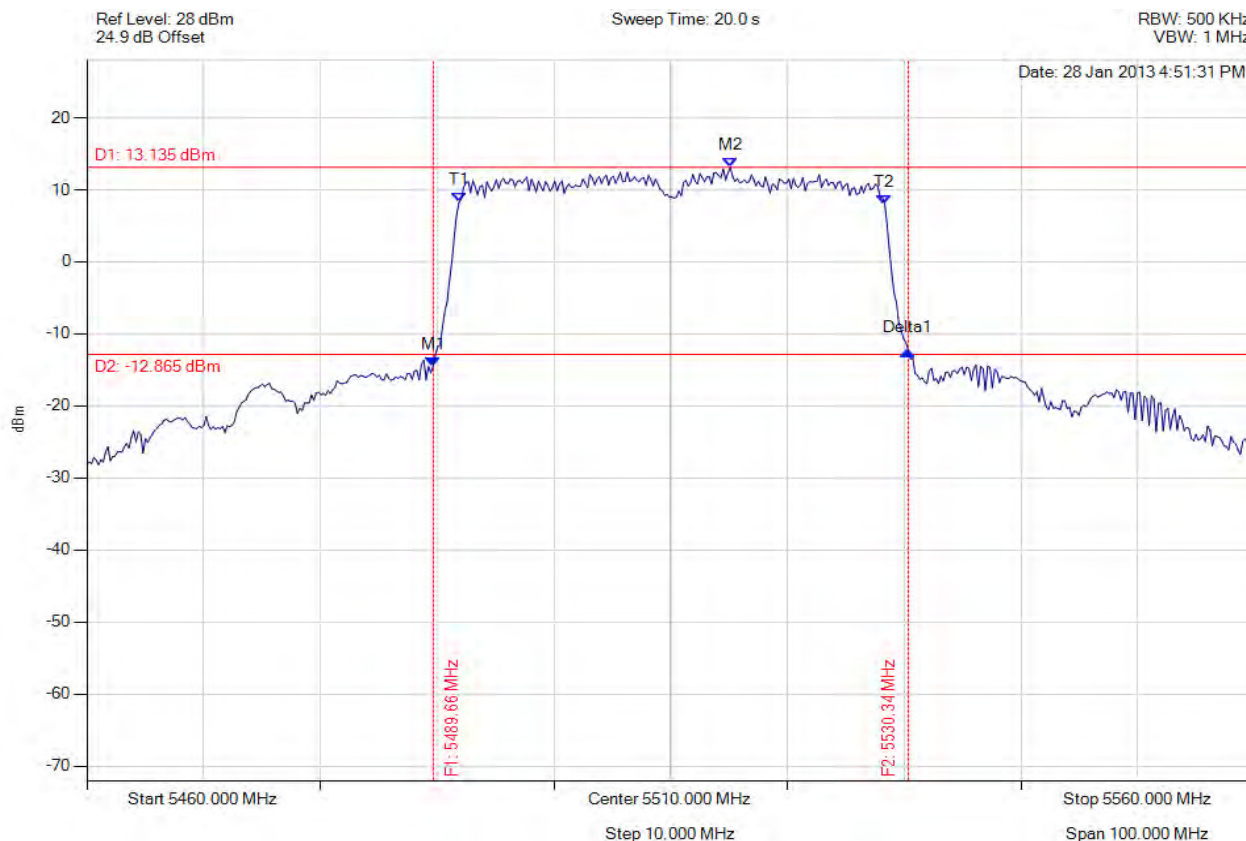
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11ac-40, Channel: 5510.00 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 : 5489.659 MHz : -14.481 dBm M2 : 5515.110 MHz : 13.135 dBm Delta1 : 40.681 MHz : 2.186 dB T1 : 5491.864 MHz : 8.236 dBm T2 : 5528.337 MHz : 7.964 dBm OBW : 36.473 MHz	Measured 26 dB Bandwidth: 40.681 MHz Measured 99% Bandwidth: 36.473 MHz

[Back to the Matrix](#)

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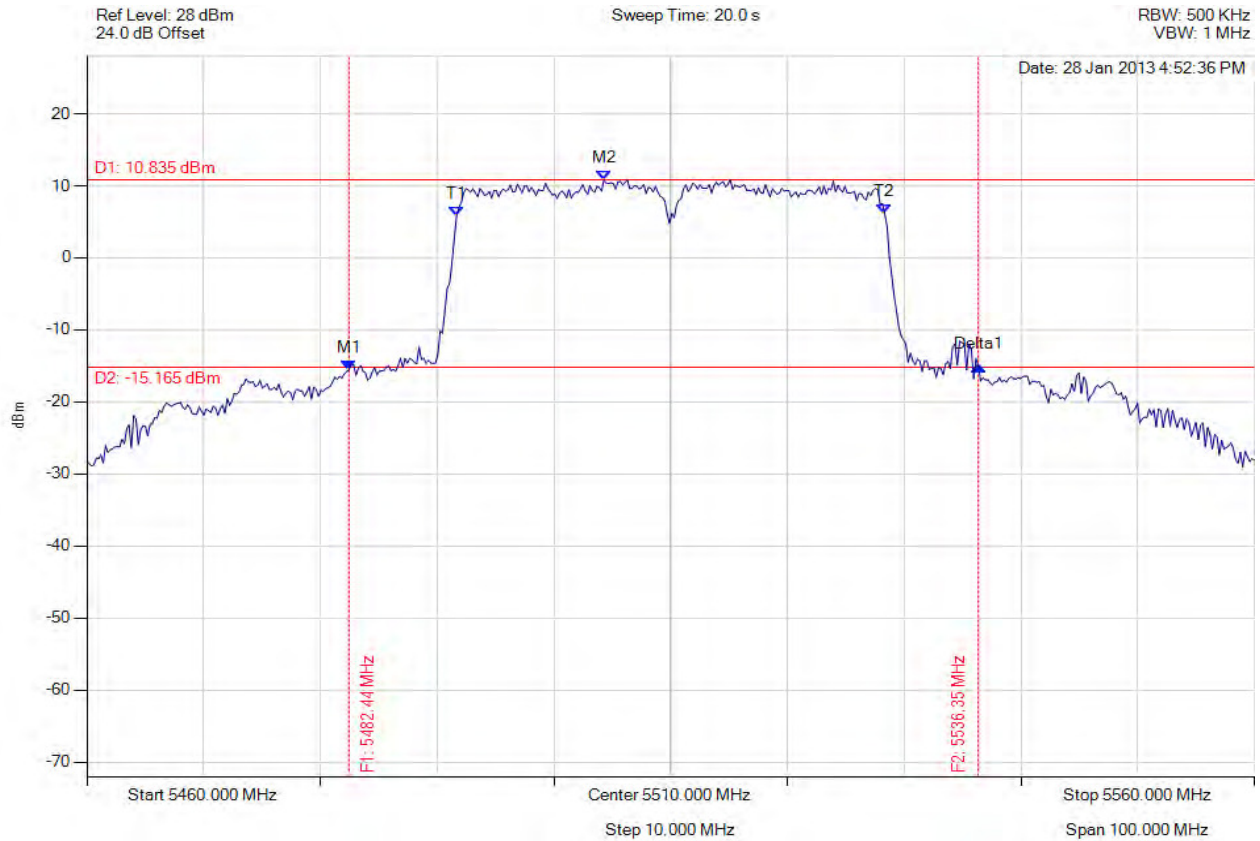


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 257 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11ac-40, Channel: 5510.00 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 : 5482.445 MHz : -15.579 dBm M2 : 5504.289 MHz : 10.835 dBm Delta1 : 53.908 MHz : 0.480 dB T1 : 5491.663 MHz : 5.757 dBm T2 : 5528.337 MHz : 6.125 dBm OBW : 36.673 MHz	Measured 26 dB Bandwidth: 53.908 MHz Measured 99% Bandwidth: 36.673 MHz

[Back to the Matrix](#)

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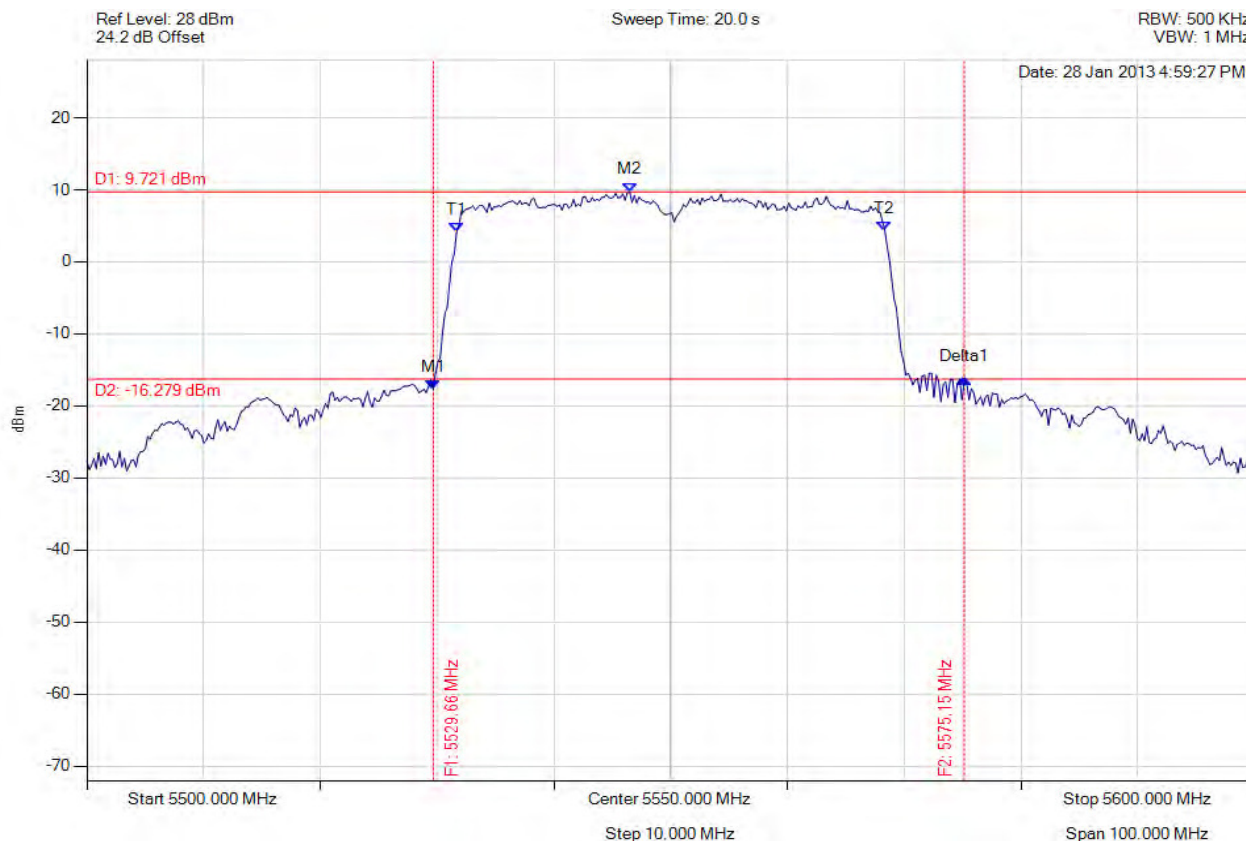


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 258 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11ac-40, Channel: 5550.00 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 : 5529.659 MHz : -17.725 dBm M2 : 5546.493 MHz : 9.721 dBm Delta1 : 45.491 MHz : 1.458 dB T1 : 5531.663 MHz : 4.057 dBm T2 : 5568.337 MHz : 4.360 dBm OBW : 36.673 MHz	Measured 26 dB Bandwidth: 45.491 MHz Measured 99% Bandwidth: 36.673 MHz

[Back to the Matrix](#)

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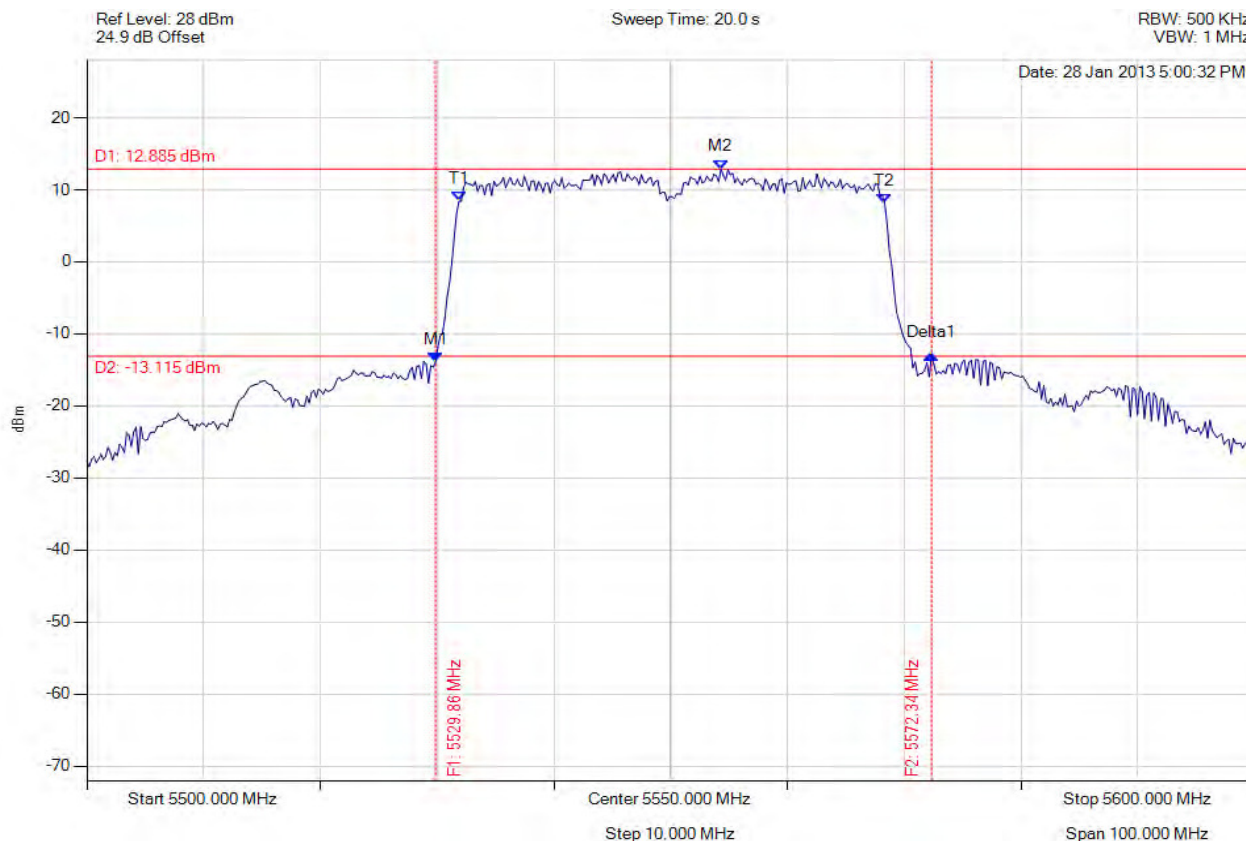


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 259 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11ac-40, Channel: 5550.00 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 : 5529.860 MHz : -13.928 dBm M2 : 5554.309 MHz : 12.885 dBm Delta1 : 42.485 MHz : 0.984 dB T1 : 5531.864 MHz : 8.405 dBm T2 : 5568.337 MHz : 8.098 dBm OBW : 36.473 MHz	Measured 26 dB Bandwidth: 42.485 MHz Measured 99% Bandwidth: 36.473 MHz

[Back to the Matrix](#)

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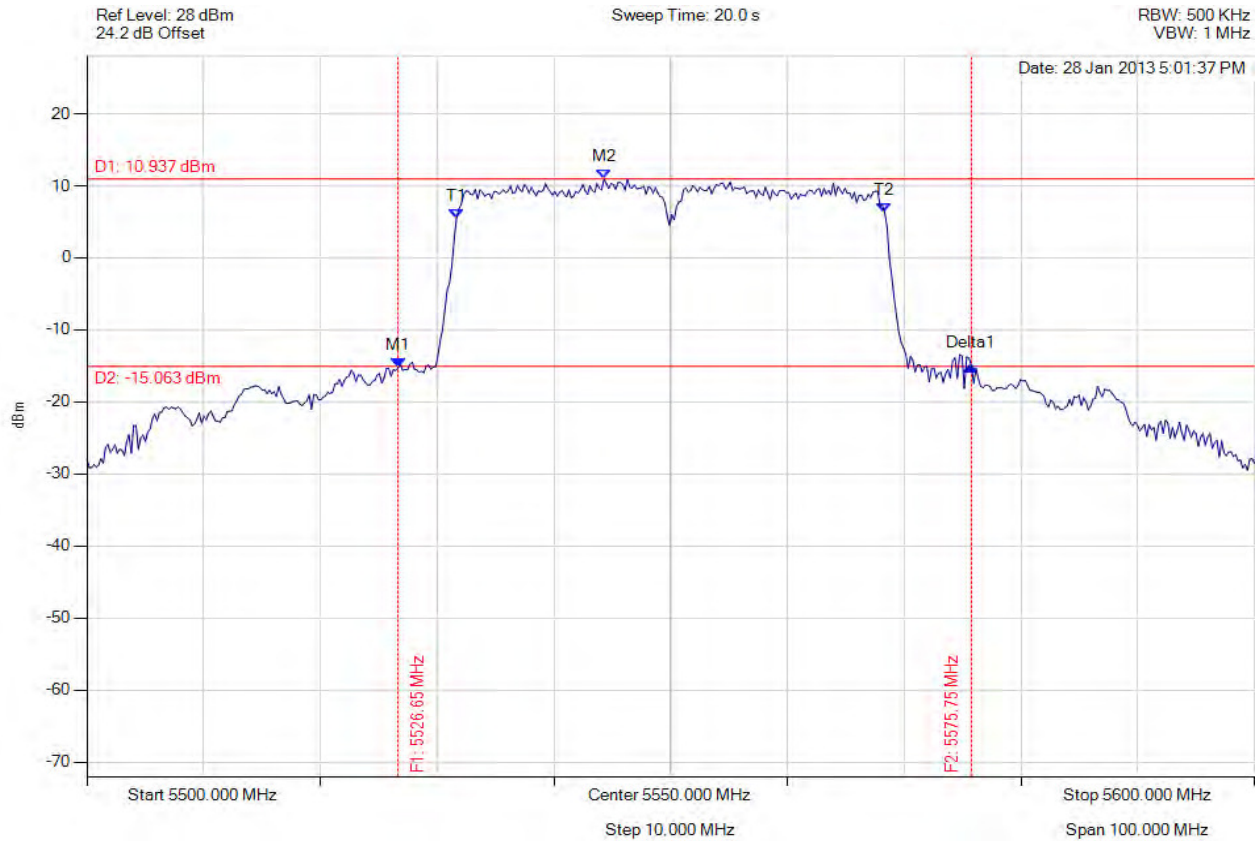


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 260 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11ac-40, Channel: 5550.00 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 : 5526.653 MHz : -15.278 dBm M2 : 5544.289 MHz : 10.937 dBm Delta1 : 49.098 MHz : 0.309 dB T1 : 5531.663 MHz : 5.537 dBm T2 : 5568.337 MHz : 6.251 dBm OBW : 36.673 MHz	Measured 26 dB Bandwidth: 49.098 MHz Measured 99% Bandwidth: 36.673 MHz

[Back to the Matrix](#)

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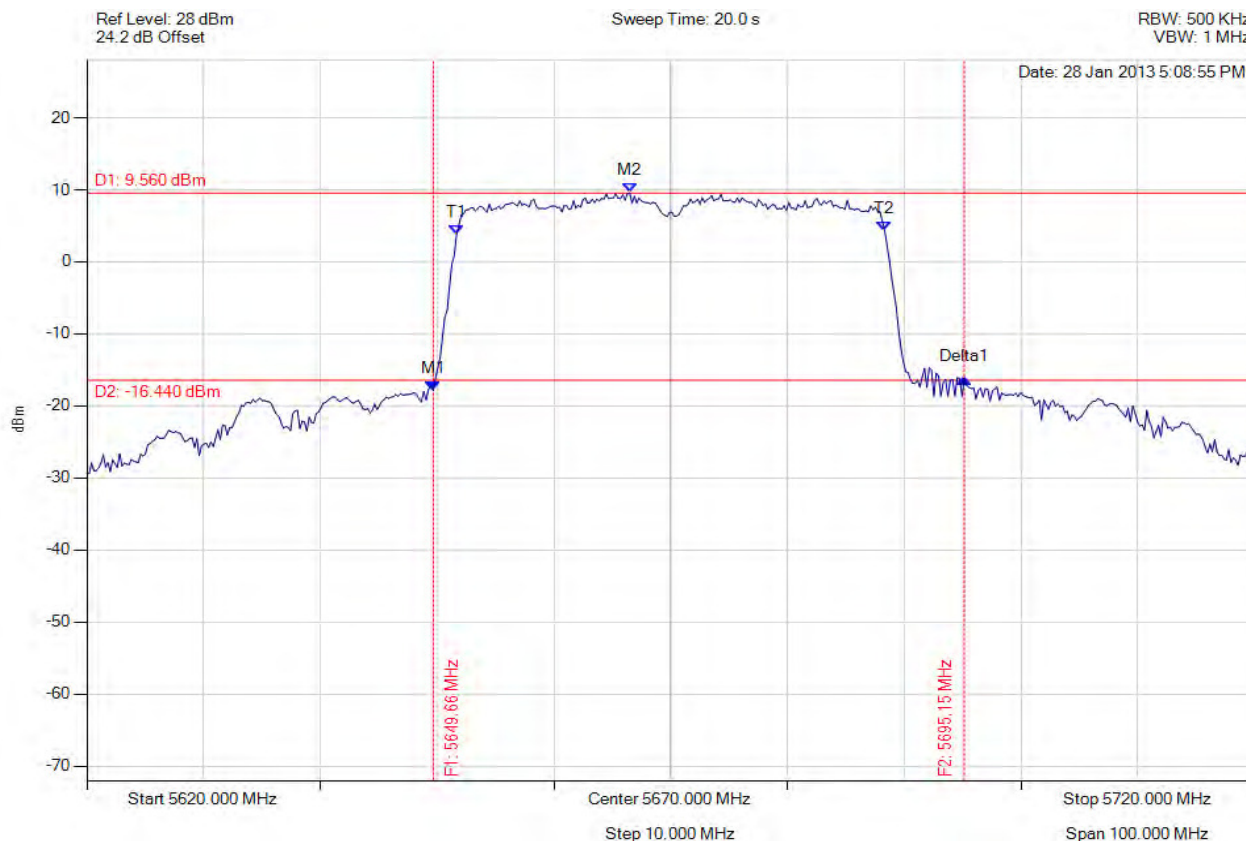


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 261 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11ac-40, Channel: 5670.00 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 : 5649.659 MHz : -17.847 dBm M2 : 5666.493 MHz : 9.560 dBm Delta1 : 45.491 MHz : 1.601 dB T1 : 5651.663 MHz : 3.851 dBm T2 : 5688.337 MHz : 4.250 dBm OBW : 36.673 MHz	Measured 26 dB Bandwidth: 45.491 MHz Measured 99% Bandwidth: 36.673 MHz

[Back to the Matrix](#)

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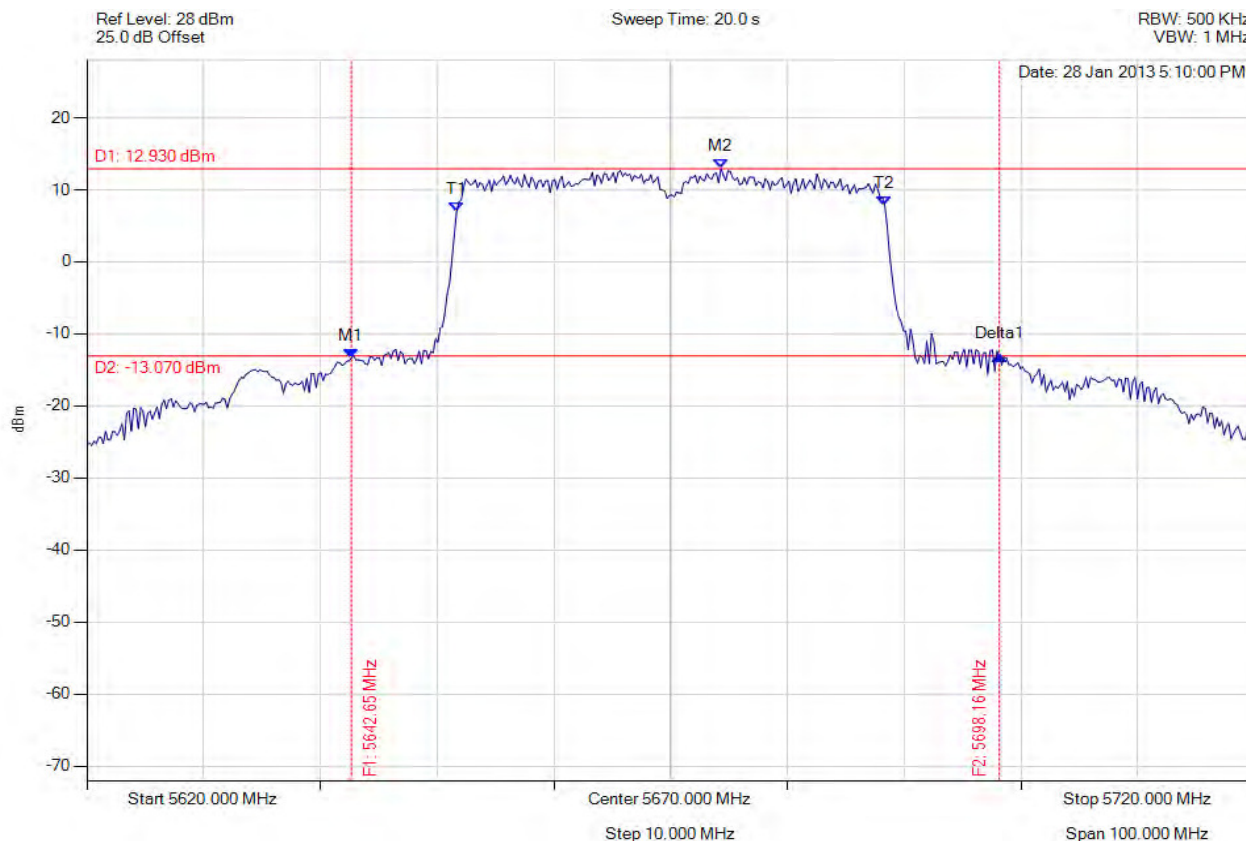


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 262 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11ac-40, Channel: 5670.00 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 : 5642.645 MHz : -13.340 dBm M2 : 5674.309 MHz : 12.930 dBm Delta1 : 55.511 MHz : 0.289 dB T1 : 5651.663 MHz : 6.932 dBm T2 : 5688.337 MHz : 7.829 dBm OBW : 36.673 MHz	Measured 26 dB Bandwidth: 55.511 MHz Measured 99% Bandwidth: 36.673 MHz

[Back to the Matrix](#)

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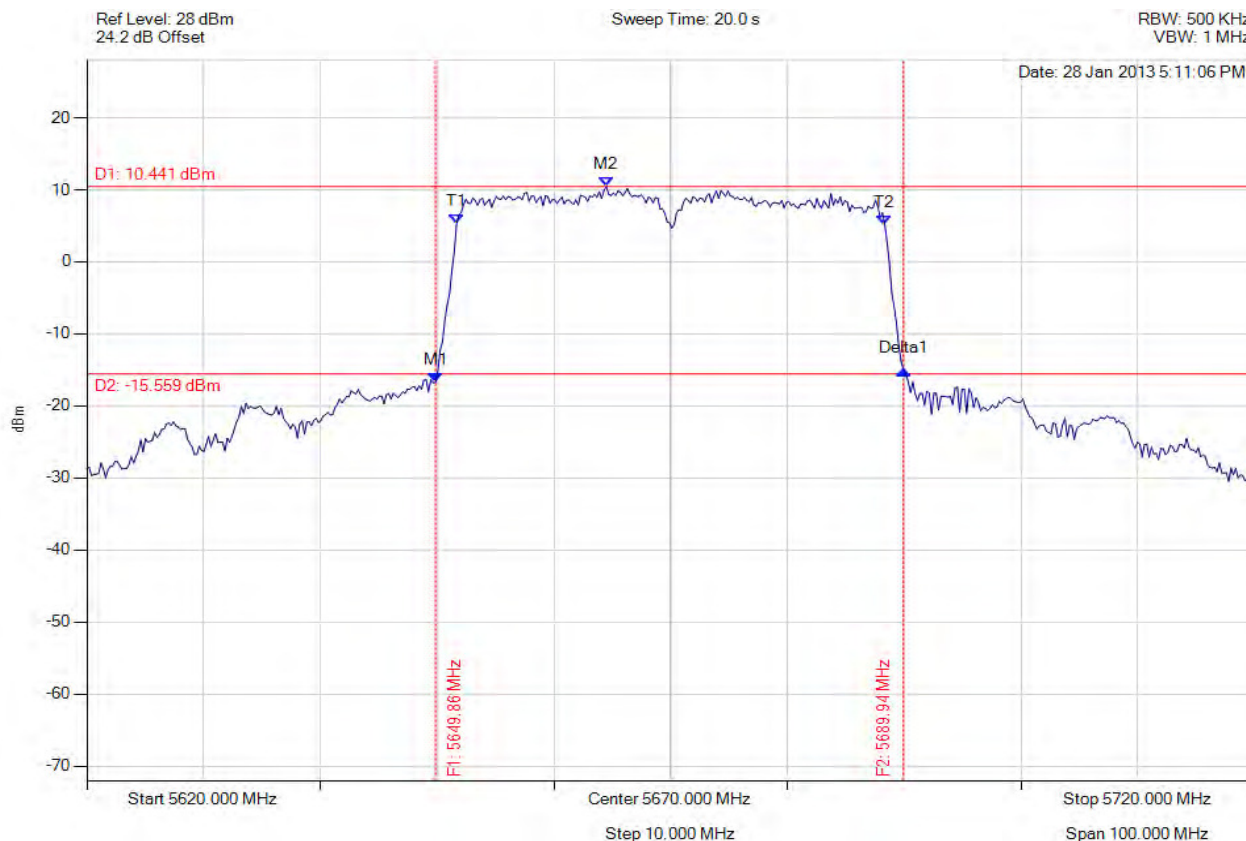


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 263 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11ac-40, Channel: 5670.00 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 : 5649.860 MHz : -16.759 dBm M2 : 5664.489 MHz : 10.441 dBm Delta1 : 40.080 MHz : 1.739 dB T1 : 5651.663 MHz : 5.267 dBm T2 : 5688.337 MHz : 5.155 dBm OBW : 36.673 MHz	Measured 26 dB Bandwidth: 40.080 MHz Measured 99% Bandwidth: 36.673 MHz

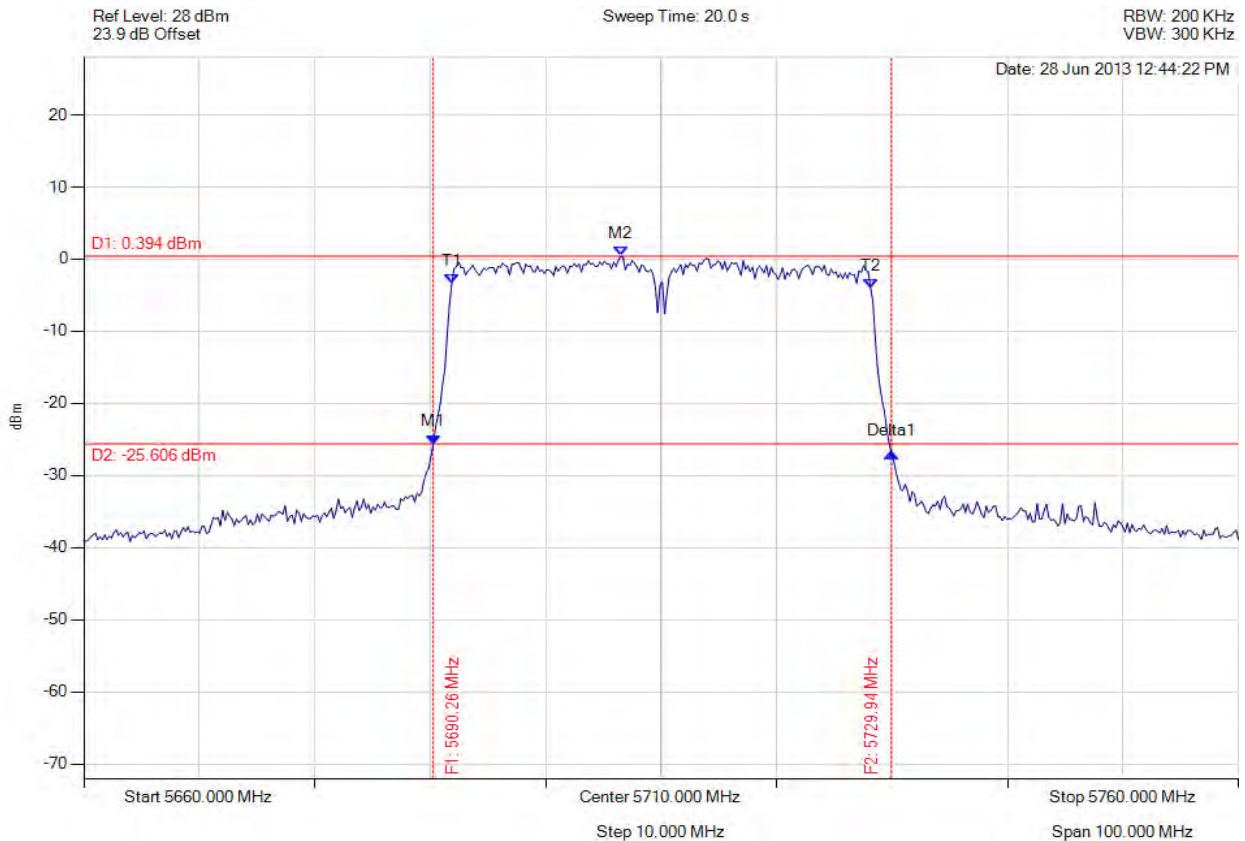
[Back to the Matrix](#)

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



26 dB & 99% BANDWIDTH

Variant: 802.11ac-40, Channel: 5710.00 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 : 5690.261 MHz : -25.642 dBm M2 : 5706.493 MHz : 0.394 dBm Delta1 : 39.679 MHz : -1.251 dB T1 : 5691.864 MHz : -3.366 dBm T2 : 5728.136 MHz : -3.968 dBm OBW : 36.273 MHz	Measured 26 dB Bandwidth: 39.679 MHz Measured 99% Bandwidth: 36.273 MHz

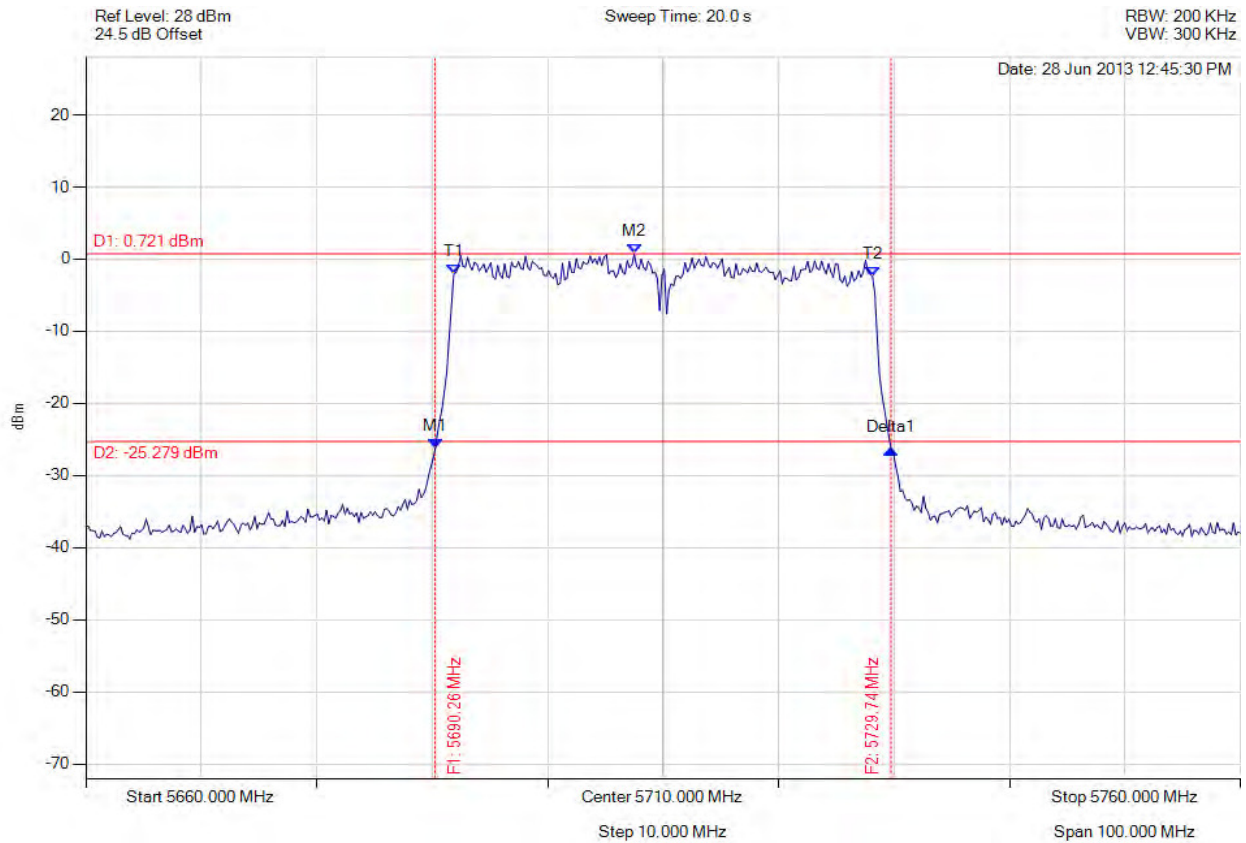
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11ac-40, Channel: 5710.00 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 : 5690.261 MHz : -26.285 dBm M2 : 5707.495 MHz : 0.721 dBm Delta1 : 39.479 MHz : -0.157 dB T1 : 5691.864 MHz : -2.079 dBm T2 : 5728.136 MHz : -2.402 dBm OBW : 36.273 MHz	Measured 26 dB Bandwidth: 39.479 MHz Measured 99% Bandwidth: 36.273 MHz

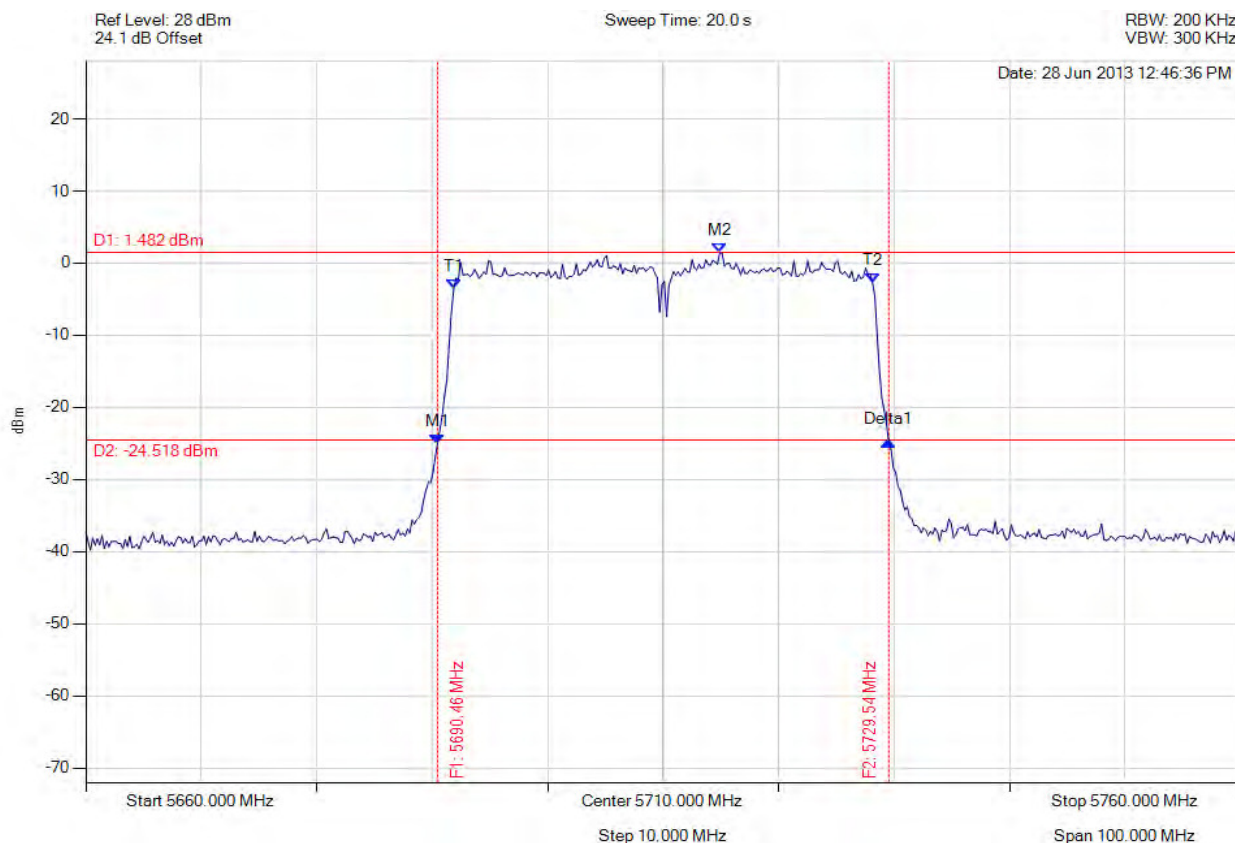
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11ac-40, Channel: 5710.00 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 : 5690.461 MHz : -25.087 dBm M2 : 5714.910 MHz : 1.482 dBm Delta1 : 39.078 MHz : 0.380 dB T1 : 5691.864 MHz : -3.554 dBm T2 : 5728.136 MHz : -2.712 dBm OBW : 36.273 MHz	Measured 26 dB Bandwidth: 39.078 MHz Measured 99% Bandwidth: 36.273 MHz

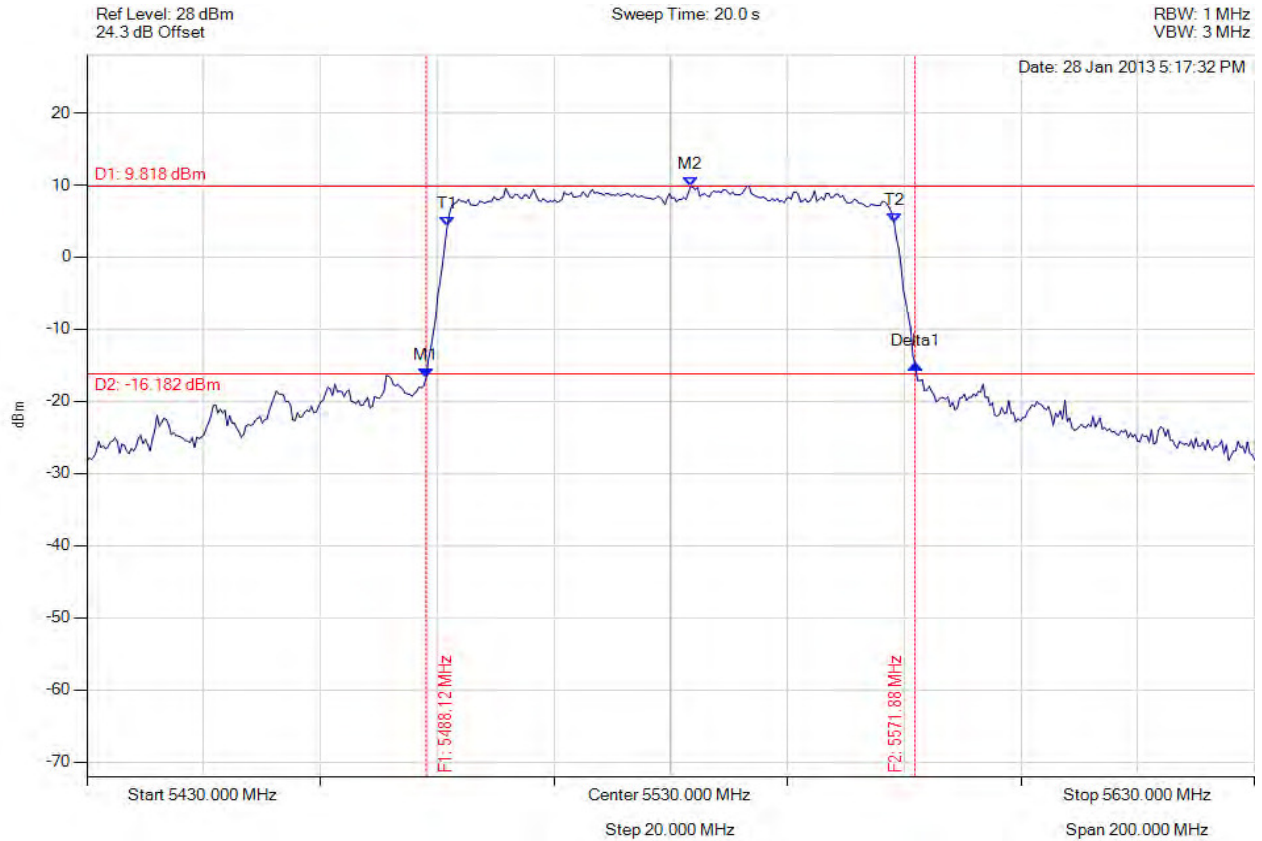
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5530.00 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 : 5488.116 MHz : -16.759 dBm M2 : 5533.407 MHz : 9.818 dBm Delta1 : 83.768 MHz : 1.963 dB T1 : 5491.723 MHz : 4.248 dBm T2 : 5568.277 MHz : 4.819 dBm OBW : 76.553 MHz	Measured 26 dB Bandwidth: 83.768 MHz Measured 99% Bandwidth: 76.553 MHz

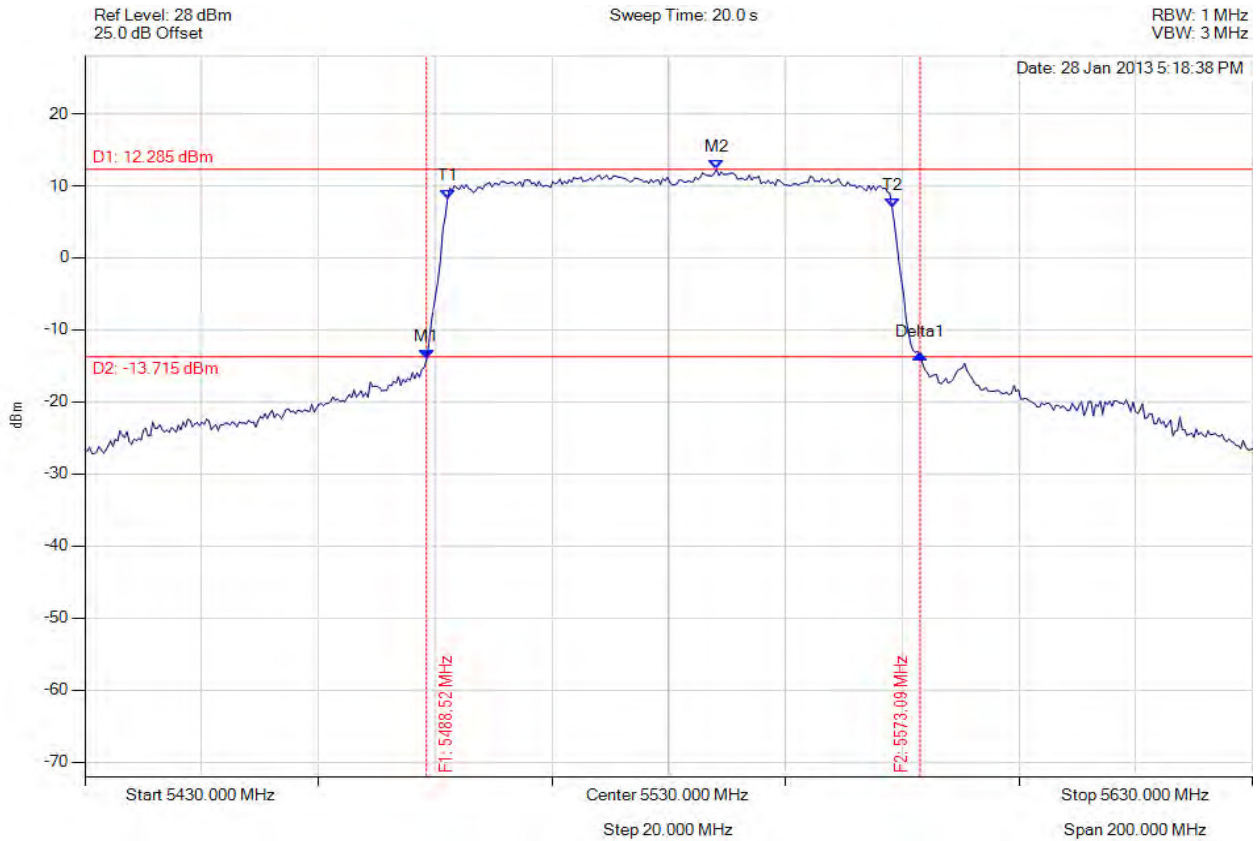
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5530.00 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 : 5488.517 MHz : -14.115 dBm M2 : 5538.216 MHz : 12.285 dBm Delta1 : 84.569 MHz : 0.669 dB T1 : 5492.124 MHz : 8.220 dBm T2 : 5568.277 MHz : 6.987 dBm OBW : 76.152 MHz	Measured 26 dB Bandwidth: 84.569 MHz Measured 99% Bandwidth: 76.152 MHz

[Back to the Matrix](#)

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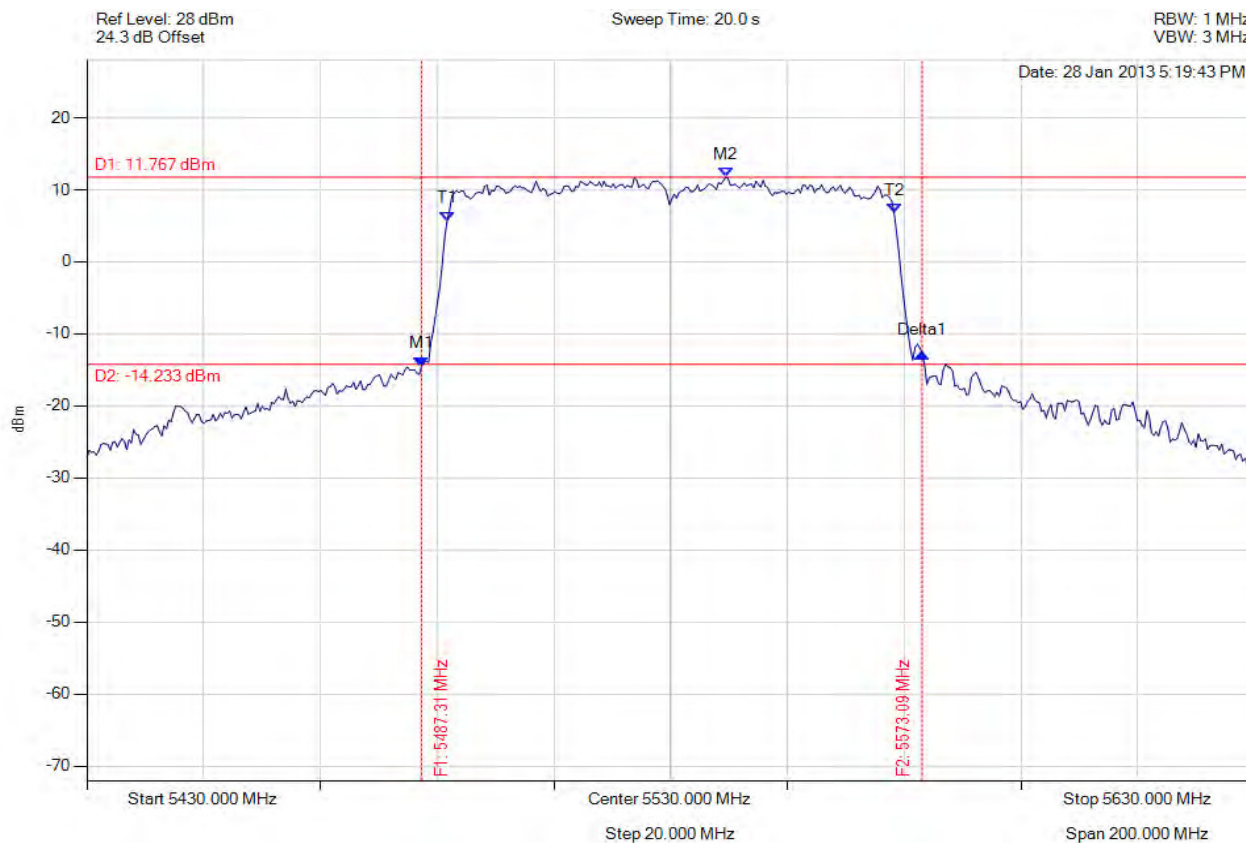


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 269 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5530.00 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 : 5487.315 MHz : -14.467 dBm M2 : 5539.419 MHz : 11.767 dBm Delta1 : 85.772 MHz : 1.839 dB T1 : 5491.723 MHz : 5.716 dBm T2 : 5568.277 MHz : 6.808 dBm OBW : 76.553 MHz	Measured 26 dB Bandwidth: 85.772 MHz Measured 99% Bandwidth: 76.553 MHz

[Back to the Matrix](#)

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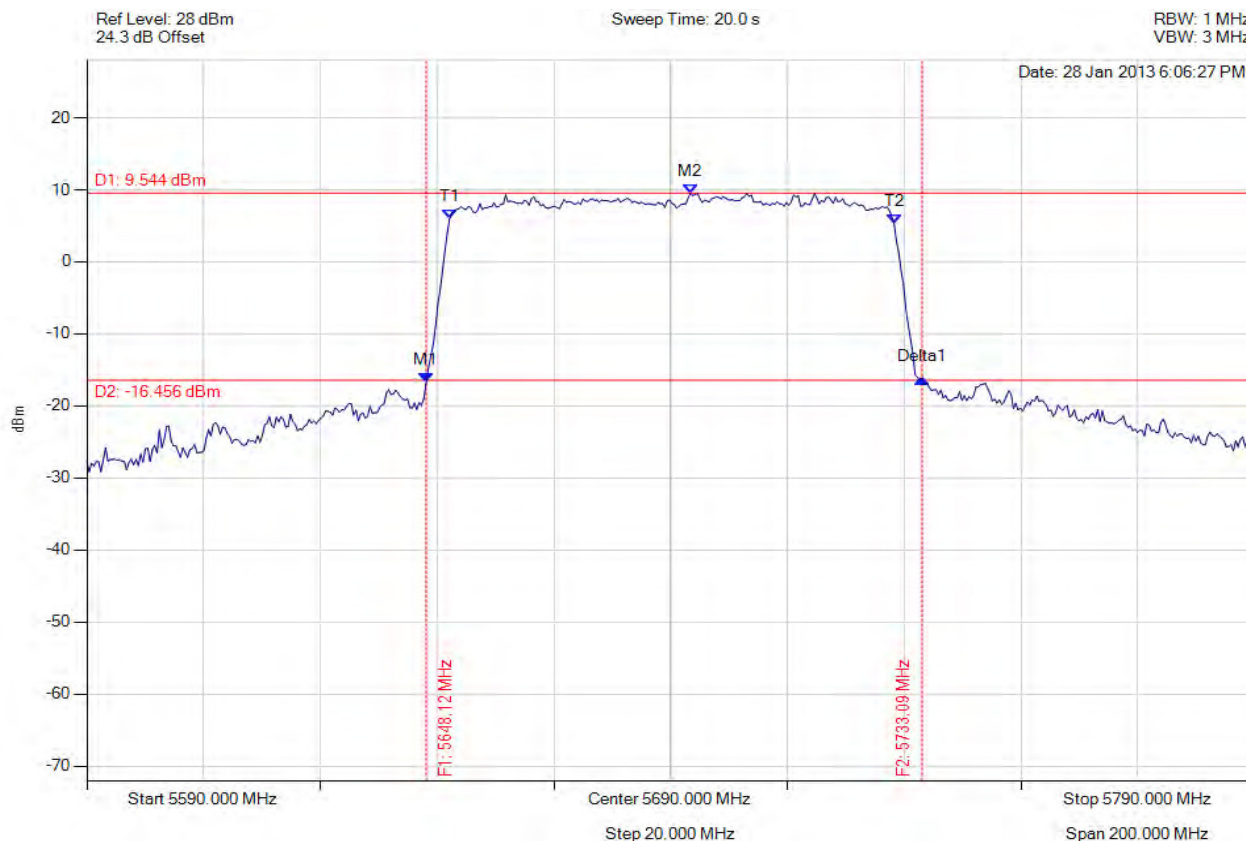


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 270 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5690.00 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 : 5648.116 MHz : -16.789 dBm M2 : 5693.407 MHz : 9.544 dBm Delta1 : 84.970 MHz : 0.588 dB T1 : 5652.124 MHz : 5.987 dBm T2 : 5728.277 MHz : 5.293 dBm OBW : 76.152 MHz	Measured 26 dB Bandwidth: 84.970 MHz Measured 99% Bandwidth: 76.152 MHz

[Back to the Matrix](#)

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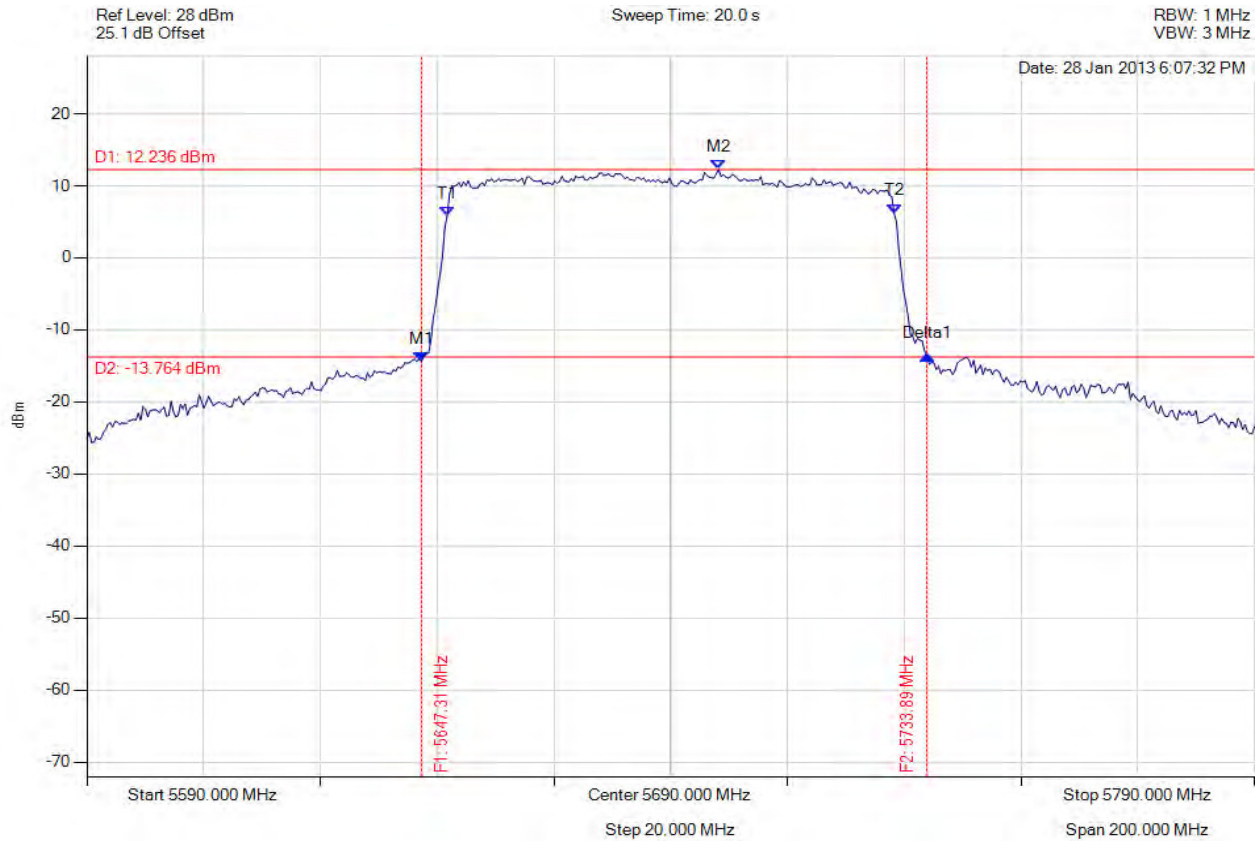


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 271 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5690.00 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 : 5647.315 MHz : -14.357 dBm M2 : 5698.216 MHz : 12.236 dBm Delta1 : 86.573 MHz : 0.801 dB T1 : 5651.723 MHz : 5.789 dBm T2 : 5728.277 MHz : 6.219 dBm OBW : 76.553 MHz	Measured 26 dB Bandwidth: 86.573 MHz Measured 99% Bandwidth: 76.553 MHz

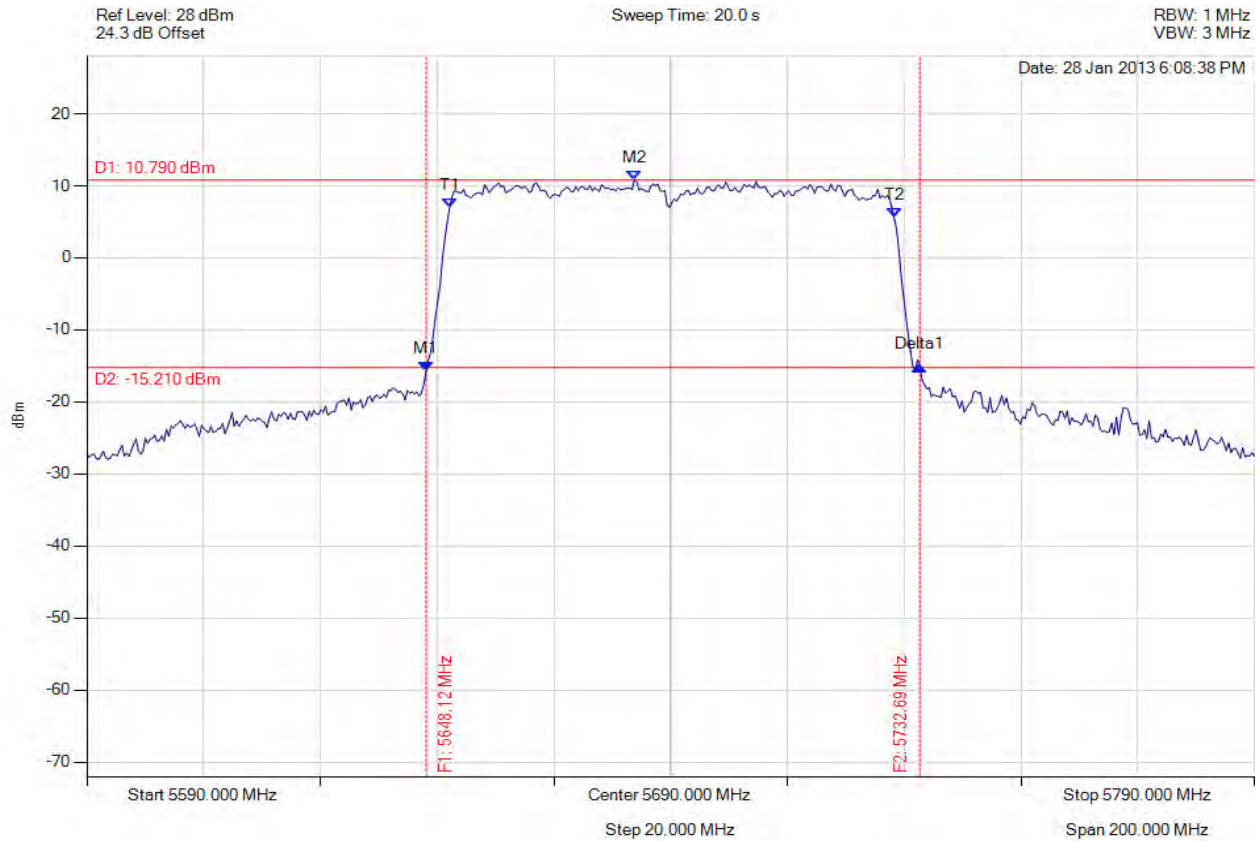
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5690.00 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 : 5648.116 MHz : -15.738 dBm M2 : 5683.788 MHz : 10.790 dBm Delta1 : 84.569 MHz : 0.677 dB T1 : 5652.124 MHz : 6.930 dBm T2 : 5728.277 MHz : 5.568 dBm OBW : 76.152 MHz	Measured 26 dB Bandwidth: 84.569 MHz Measured 99% Bandwidth: 76.152 MHz

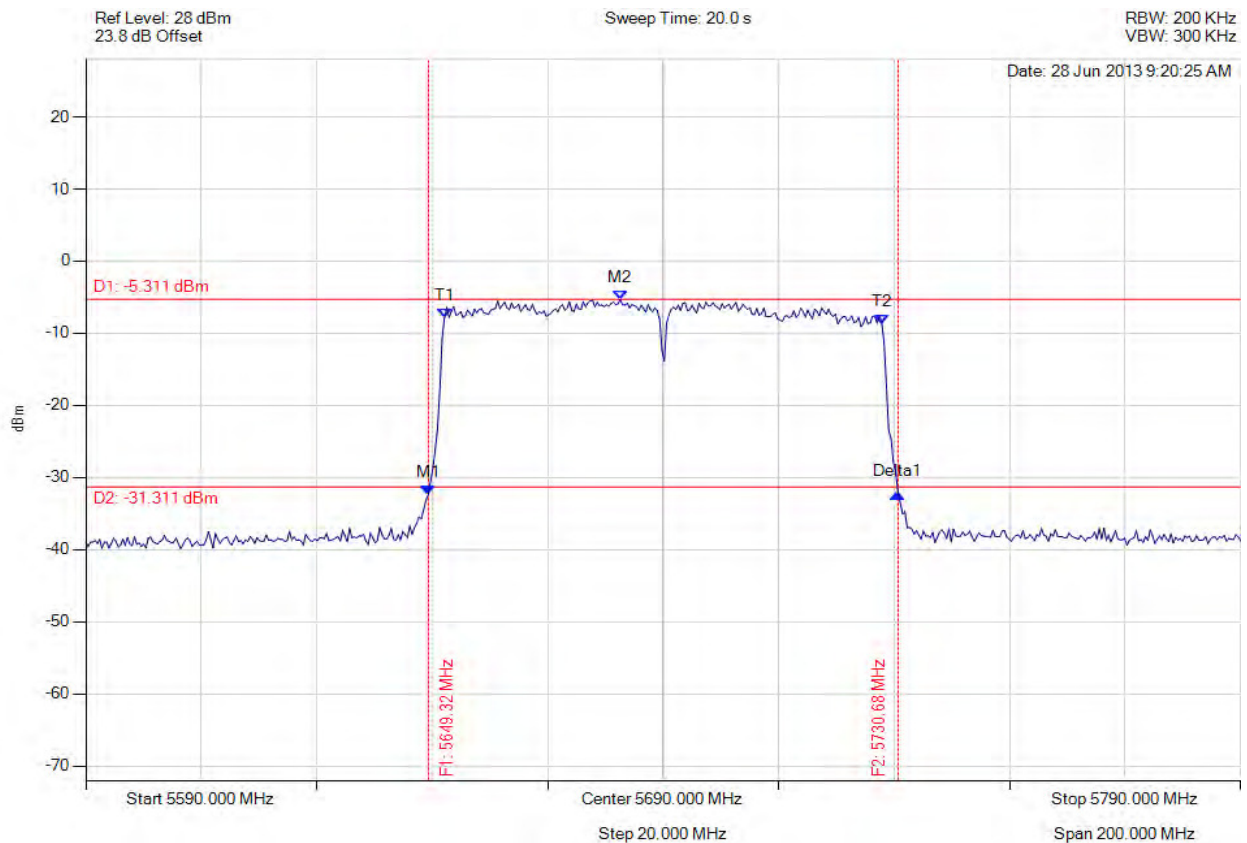
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5690.00 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 : 5649.319 MHz : -32.317 dBm M2 : 5682.585 MHz : -5.311 dBm Delta1 : 81.363 MHz : 0.120 dB T1 : 5652.124 MHz : -7.839 dBm T2 : 5727.876 MHz : -8.640 dBm OBW : 75.752 MHz	Measured 26 dB Bandwidth: 81.363 MHz Measured 99% Bandwidth: 75.752 MHz

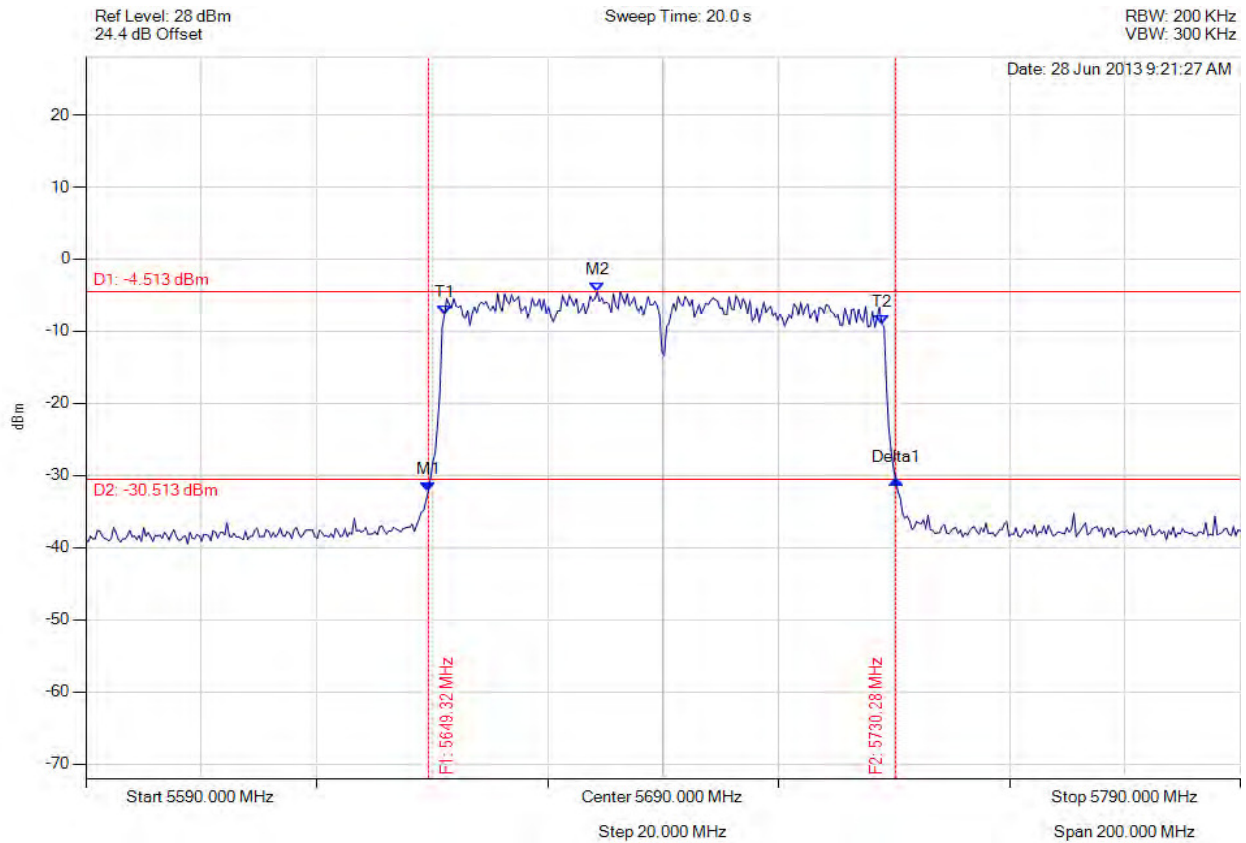
[Back to the Matrix](#)

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26 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5690.00 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 : 5649.319 MHz : -32.187 dBm M2 : 5678.577 MHz : -4.513 dBm Delta1 : 80.962 MHz : 1.592 dB T1 : 5652.124 MHz : -7.639 dBm T2 : 5727.876 MHz : -9.020 dBm OBW : 75.752 MHz	Measured 26 dB Bandwidth: 80.962 MHz Measured 99% Bandwidth: 75.752 MHz

[Back to the Matrix](#)

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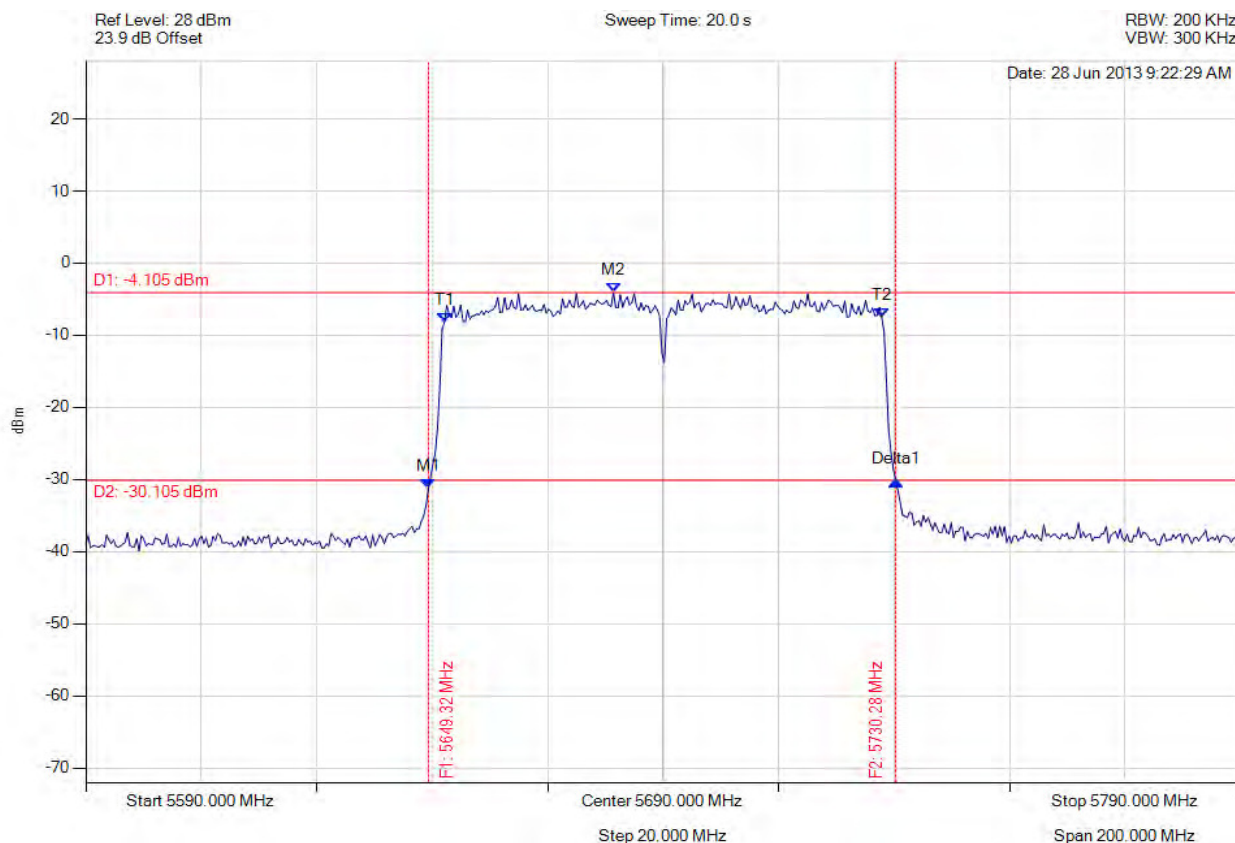


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 275 of 373



26 dB & 99% BANDWIDTH

Variant: 802.11ac-80, Channel: 5690.00 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 : 5649.319 MHz : -31.290 dBm M2 : 5681.383 MHz : -4.105 dBm Delta1 : 80.962 MHz : 1.021 dB T1 : 5652.124 MHz : -8.152 dBm T2 : 5727.876 MHz : -7.566 dBm OBW : 75.752 MHz	Measured 26 dB Bandwidth: 80.962 MHz Measured 99% Bandwidth: 75.752 MHz

[Back to the Matrix](#)

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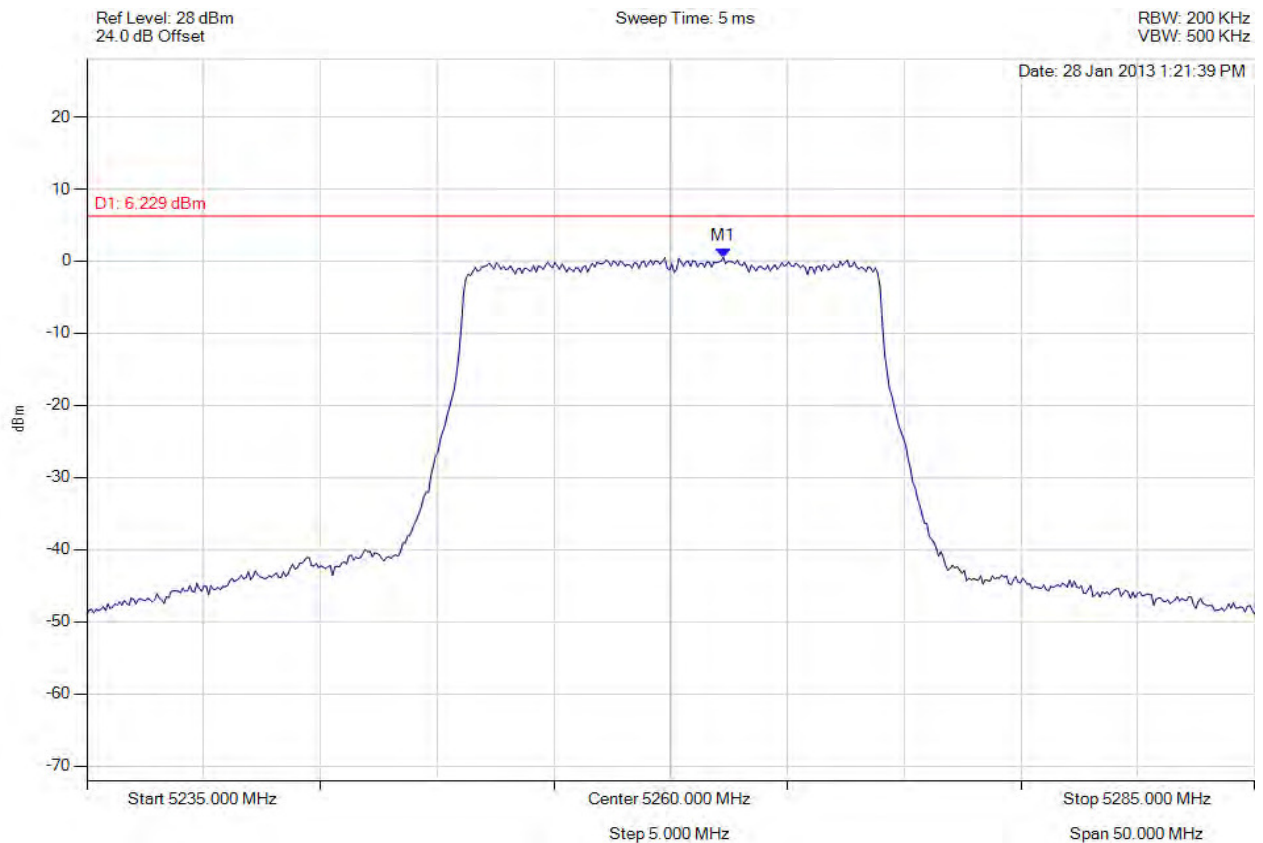


A.1.2. Peak Power Spectral Density



PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5260.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5262.255 MHz : 0.515 dBm	Limit: \leq 6.229 dBm Margin: -5.71 dB

[Back to the Matrix](#)

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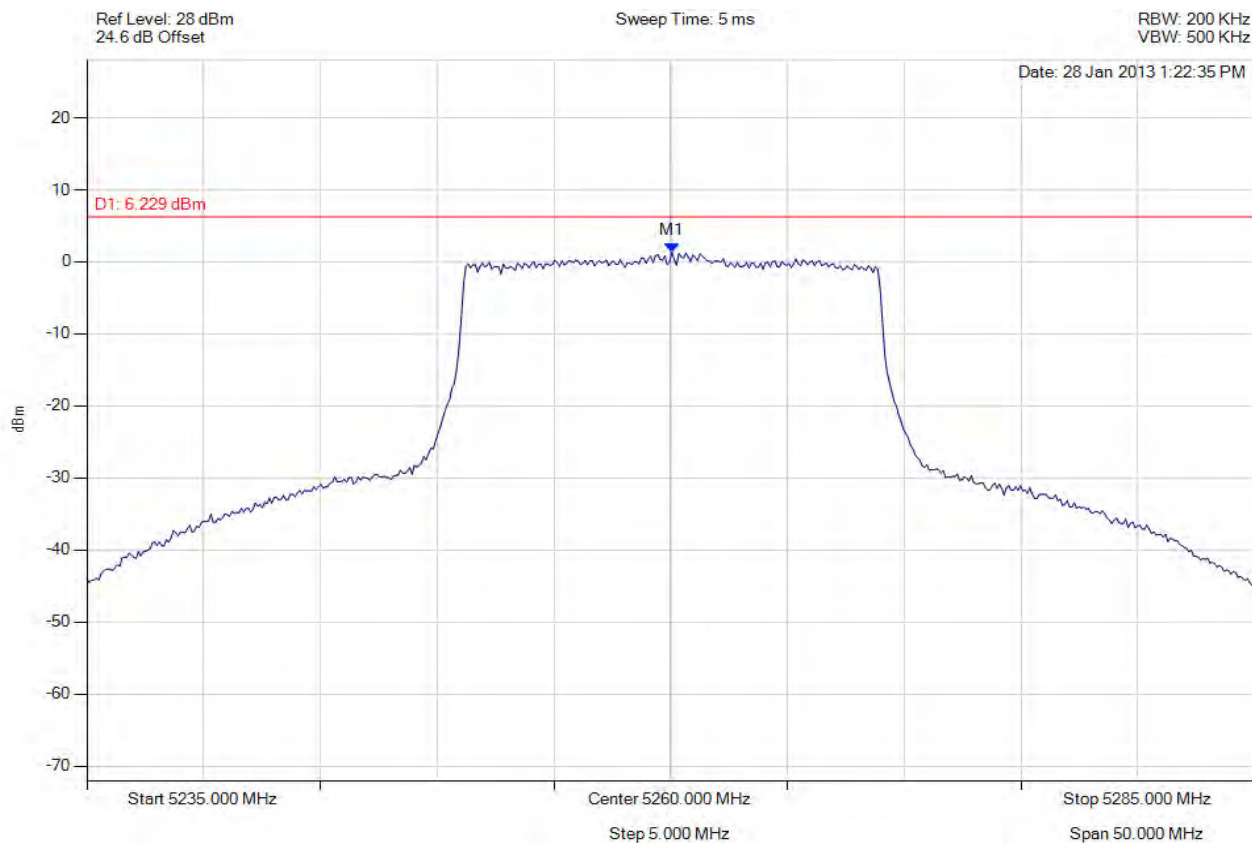


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 277 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5260.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5260.050 MHz : 1.370 dBm	Limit: ≤ 6.229 dBm Margin: -4.86 dB

[Back to the Matrix](#)

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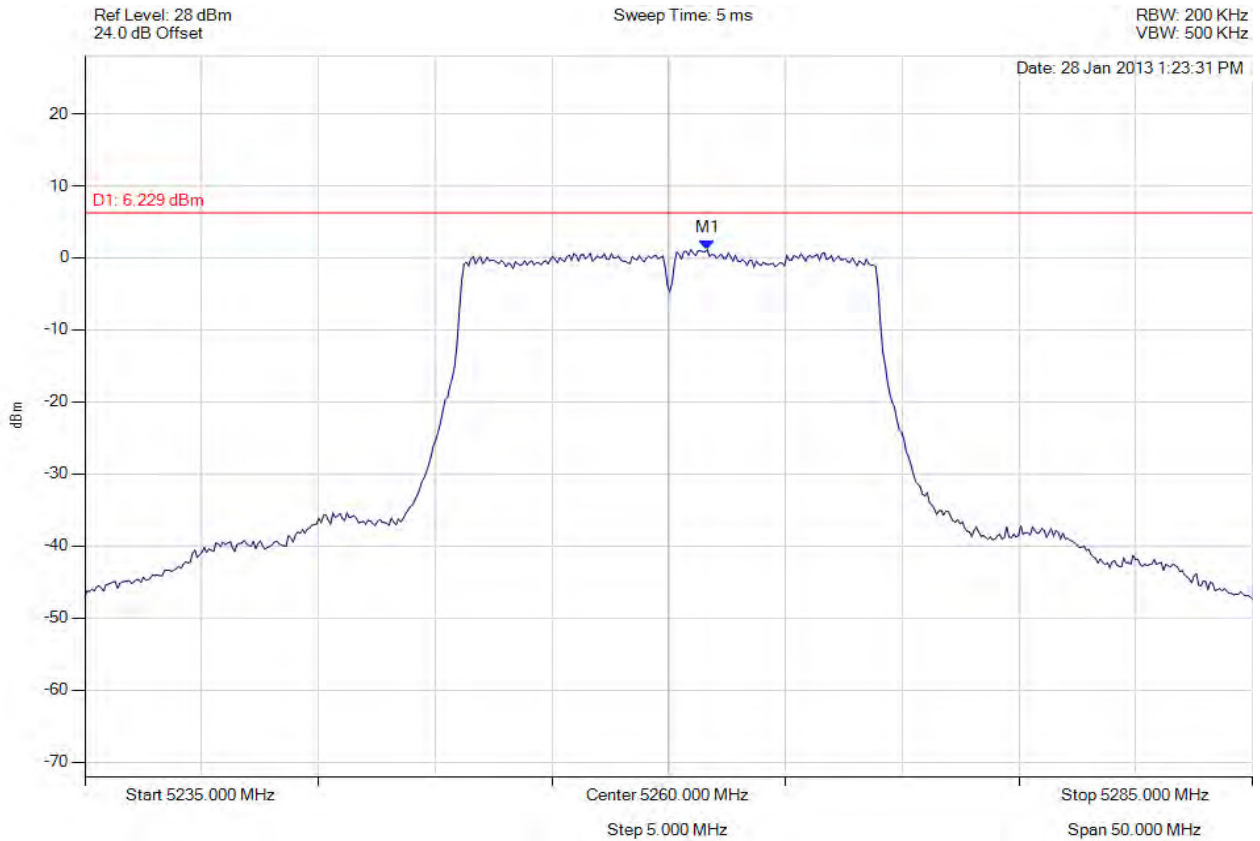


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 278 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5260.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5261.653 MHz : 1.137 dBm	Limit: ≤ 6.229 dBm Margin: -5.09 dB

[Back to the Matrix](#)

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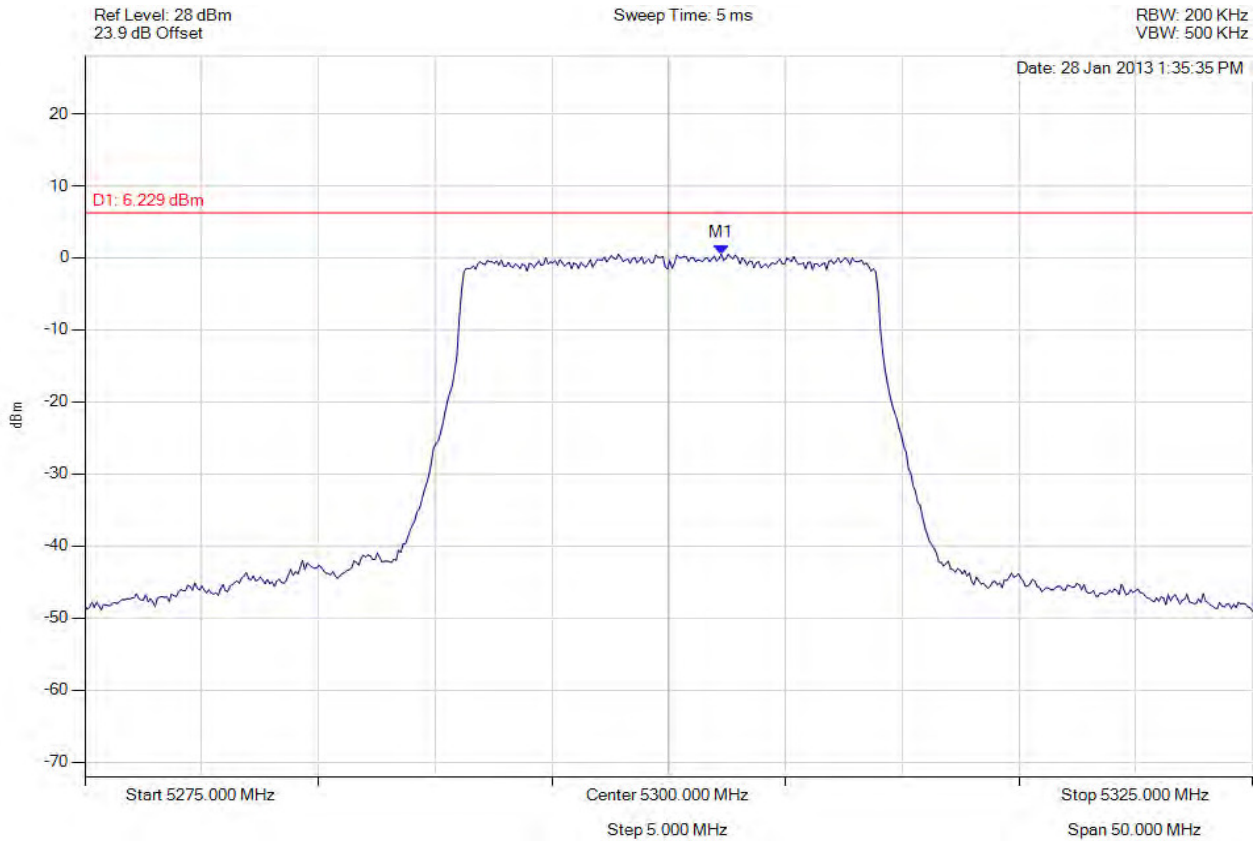


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 279 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5300.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5302.255 MHz : 0.510 dBm	Limit: ≤ 6.229 dBm Margin: -5.72 dB

[Back to the Matrix](#)

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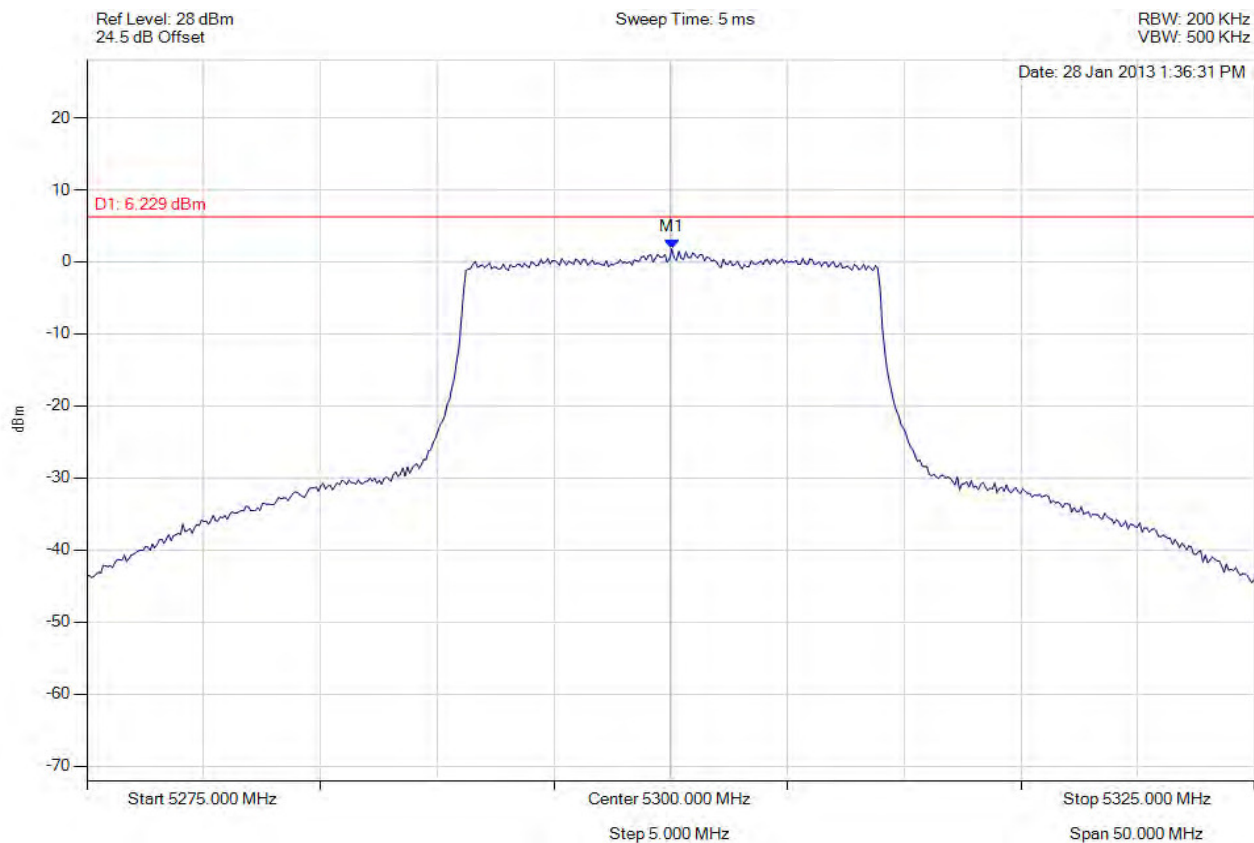


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 280 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5300.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5300.050 MHz : 1.781 dBm	Limit: ≤ 6.229 dBm Margin: -4.45 dB

[Back to the Matrix](#)

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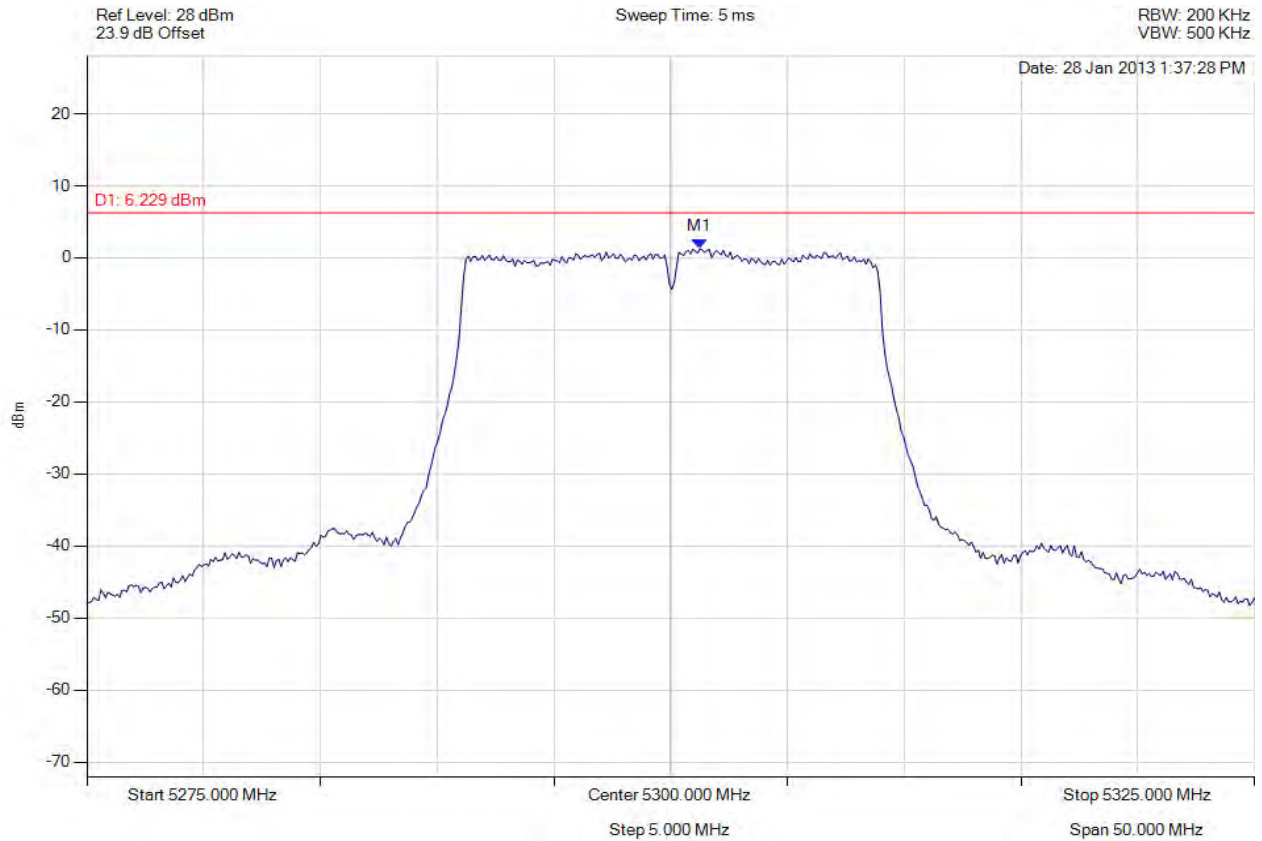


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 281 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5300.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5301.253 MHz : 1.257 dBm	Limit: ≤ 6.229 dBm Margin: -4.97 dB

[Back to the Matrix](#)

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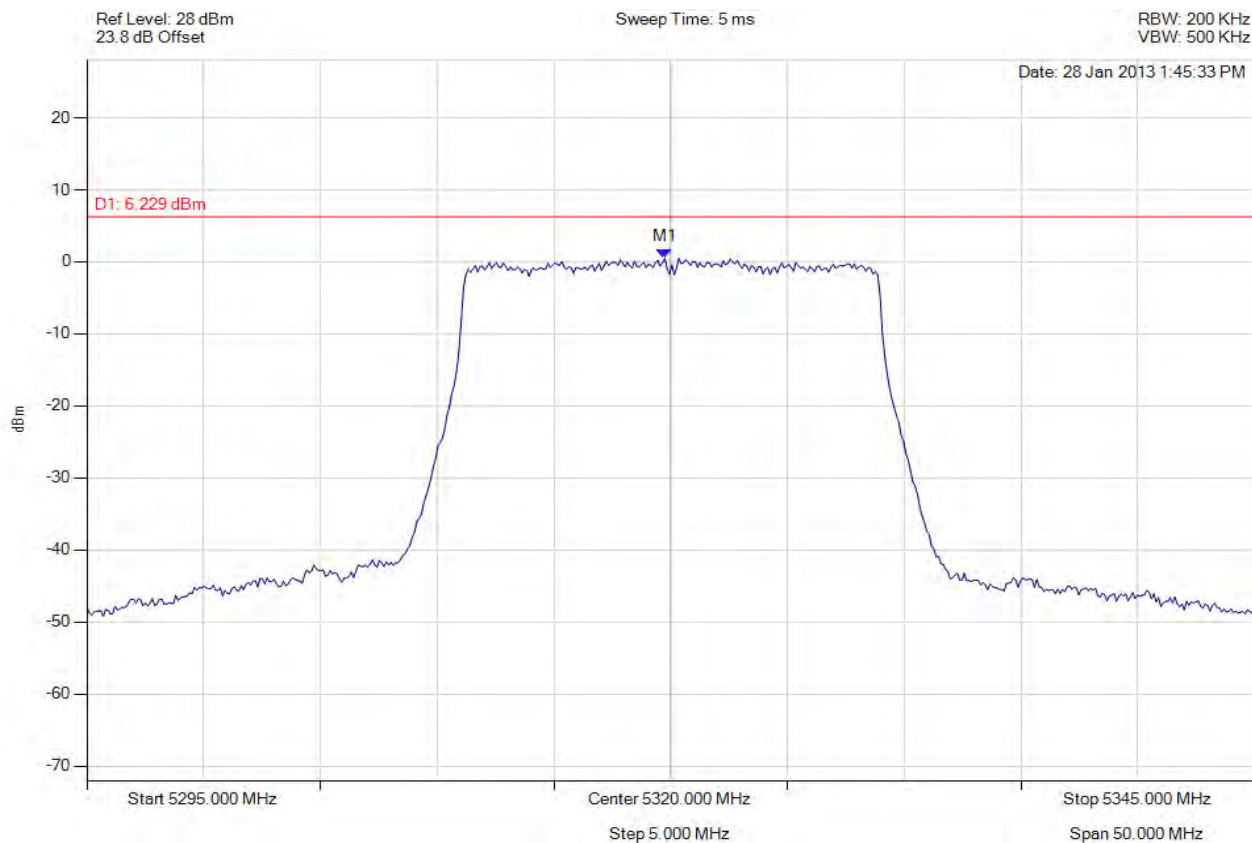


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 282 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5320.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5319.749 MHz : 0.482 dBm	Limit: ≤ 6.229 dBm Margin: -5.75 dB

[Back to the Matrix](#)

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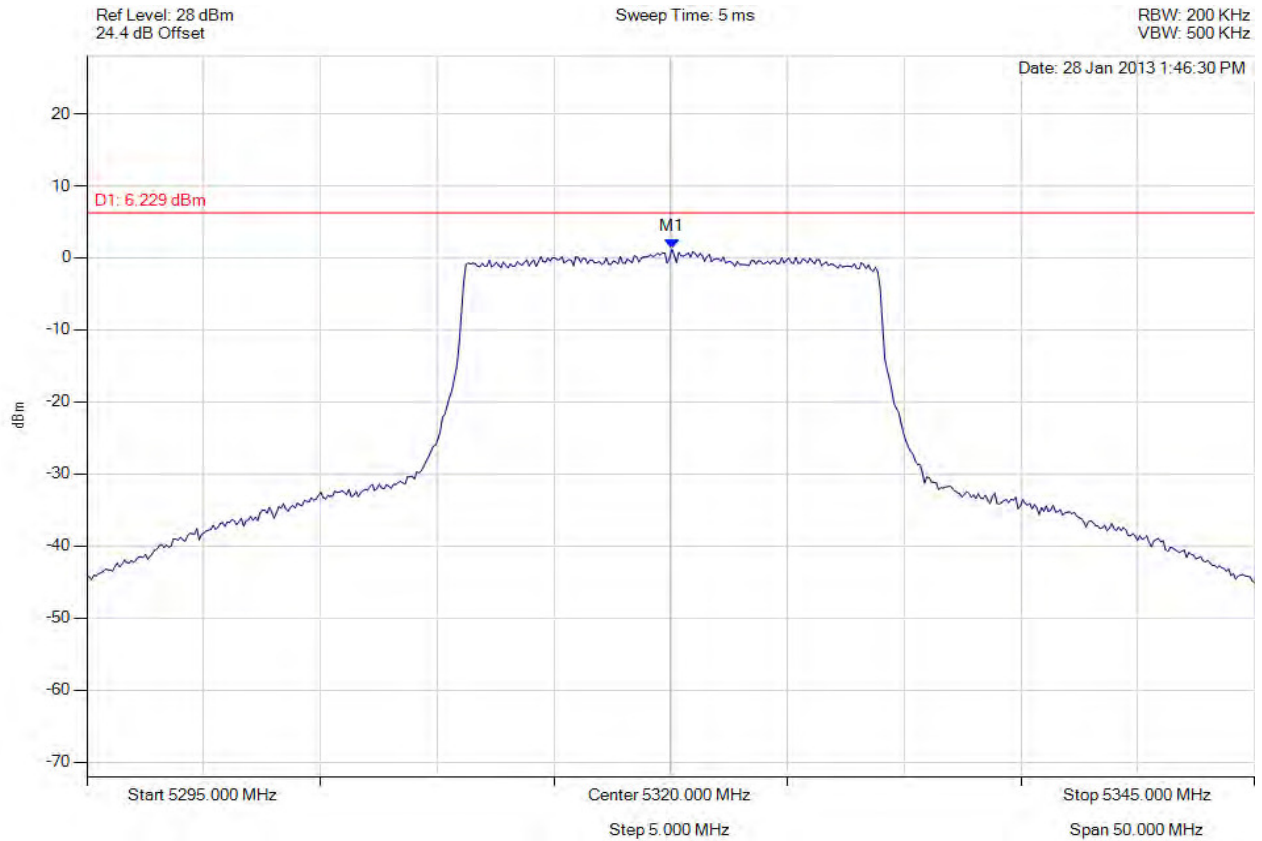


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 283 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5320.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5320.050 MHz : 1.227 dBm	Limit: ≤ 6.229 dBm Margin: -5.00 dB

[Back to the Matrix](#)

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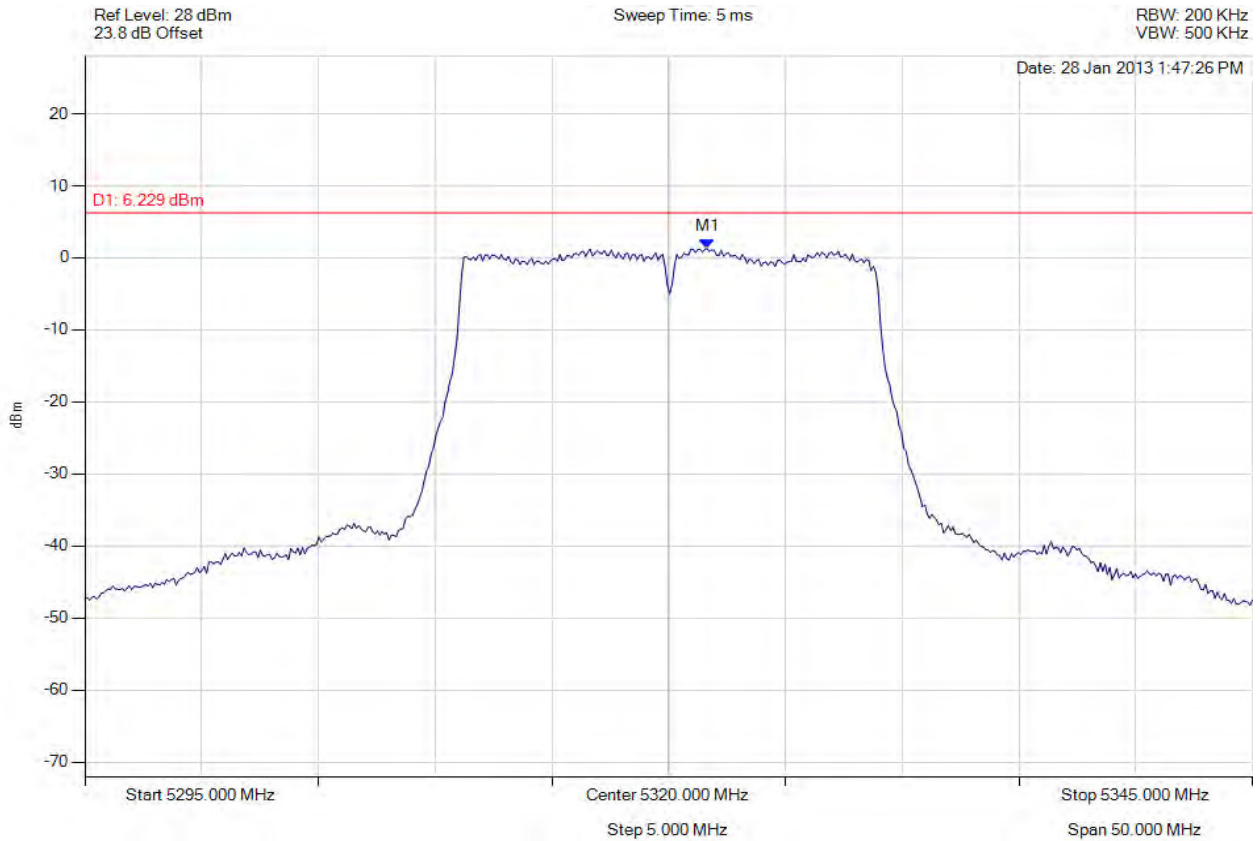


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 284 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5320.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5321.653 MHz : 1.266 dBm	Limit: ≤ 6.229 dBm Margin: -4.96 dB

[Back to the Matrix](#)

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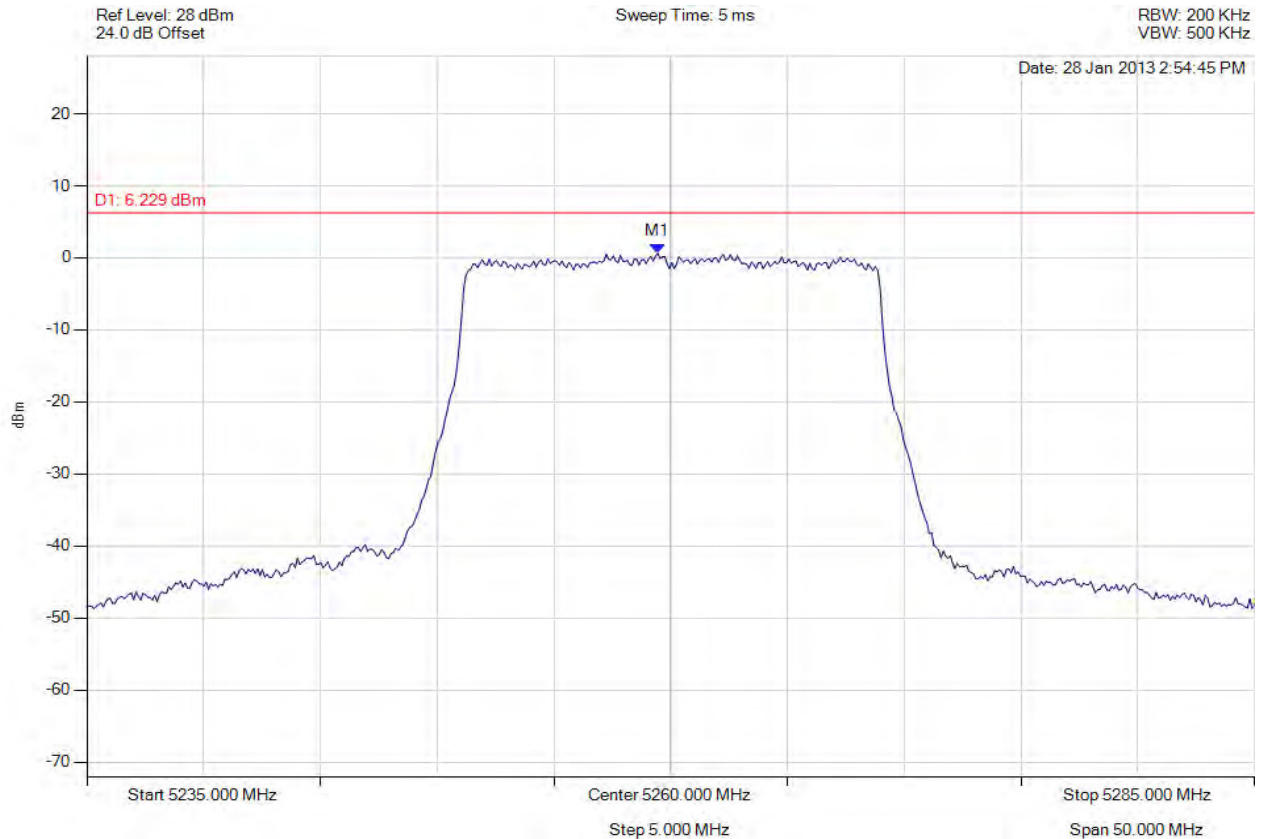


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 285 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5260.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5259.449 MHz : 0.628 dBm	Limit: ≤ 6.229 dBm Margin: -5.60 dB

[Back to the Matrix](#)

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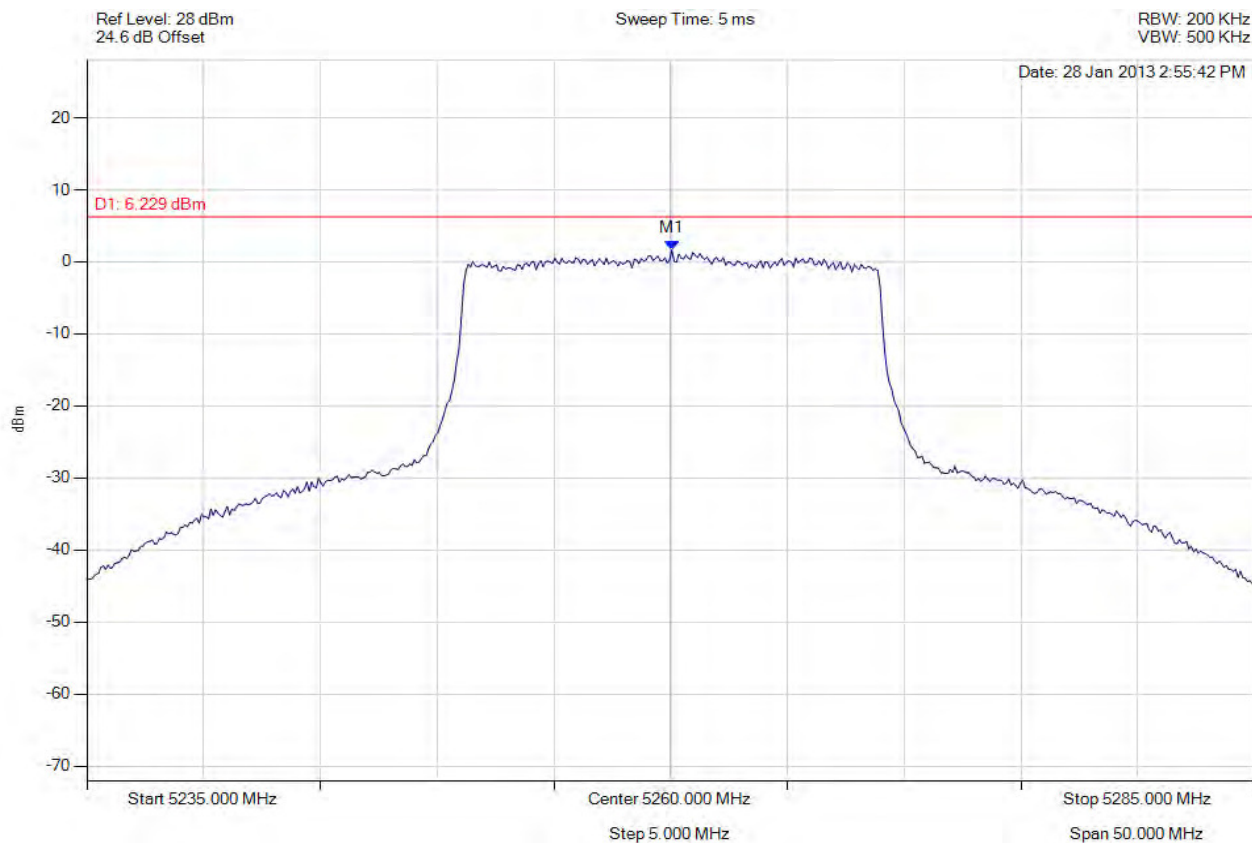


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 286 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5260.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5260.050 MHz : 1.635 dBm	Limit: ≤ 6.229 dBm Margin: -4.59 dB

[Back to the Matrix](#)

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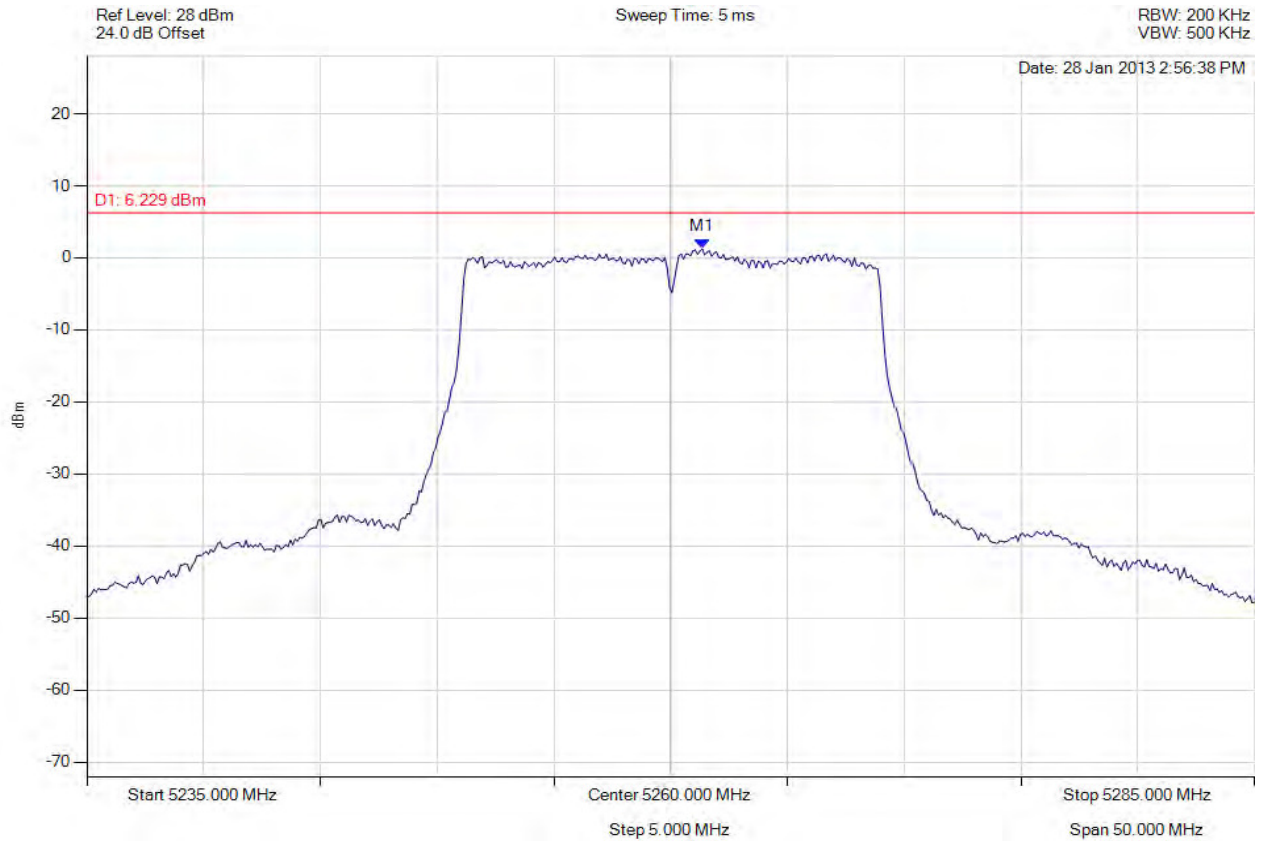


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 287 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5260.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5261.353 MHz : 1.259 dBm	Limit: ≤ 6.229 dBm Margin: -4.97 dB

[Back to the Matrix](#)

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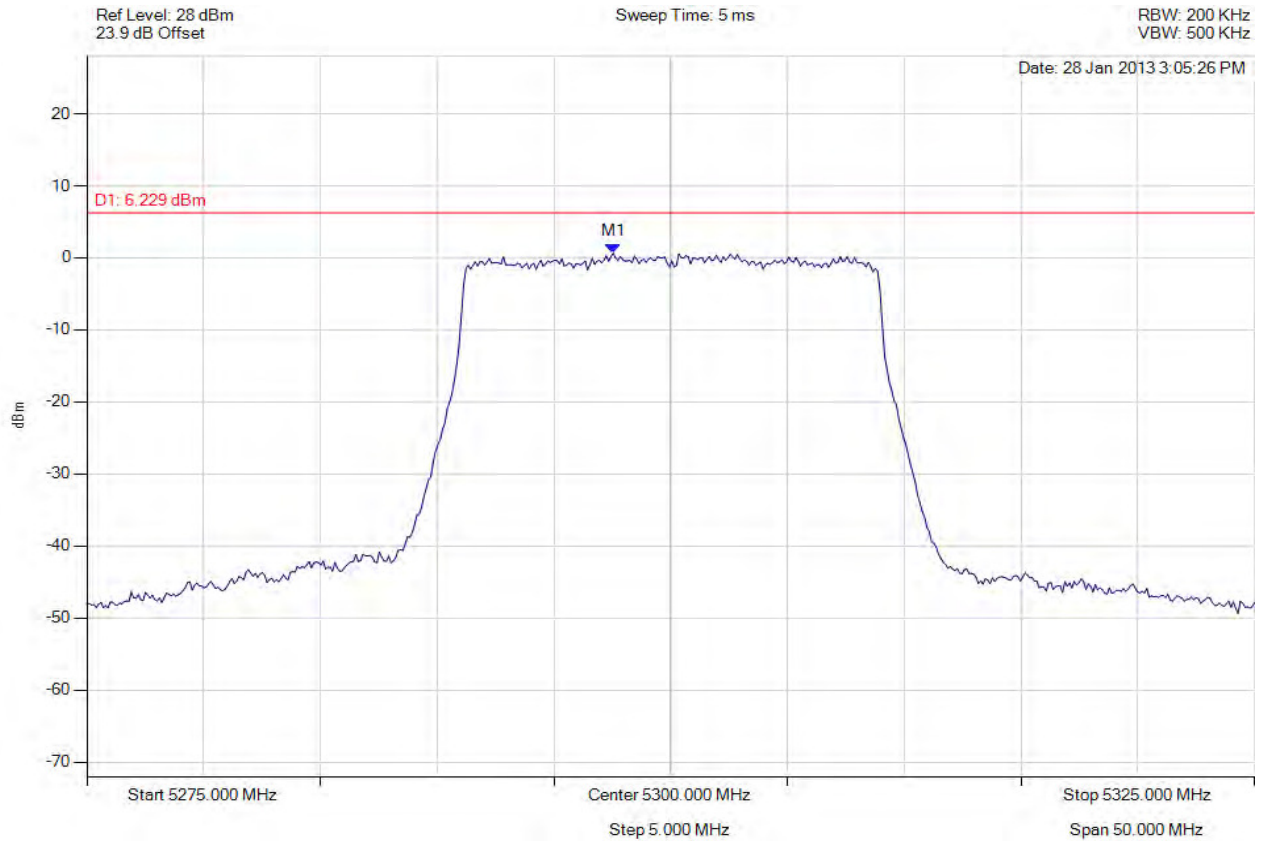


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 288 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5300.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5297.545 MHz : 0.638 dBm	Limit: ≤ 6.229 dBm Margin: -5.59 dB

[Back to the Matrix](#)

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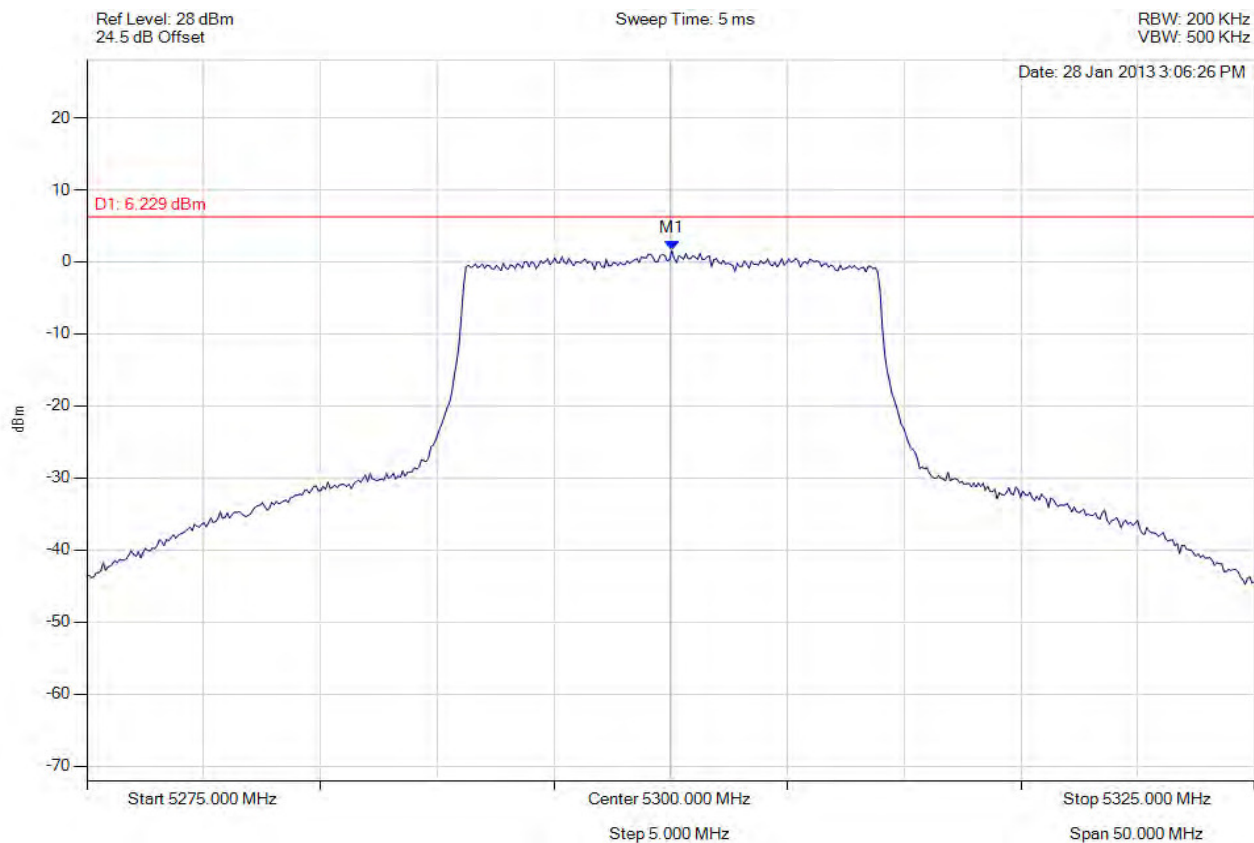


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 289 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5300.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5300.050 MHz : 1.571 dBm	Limit: ≤ 6.229 dBm Margin: -4.66 dB

[Back to the Matrix](#)

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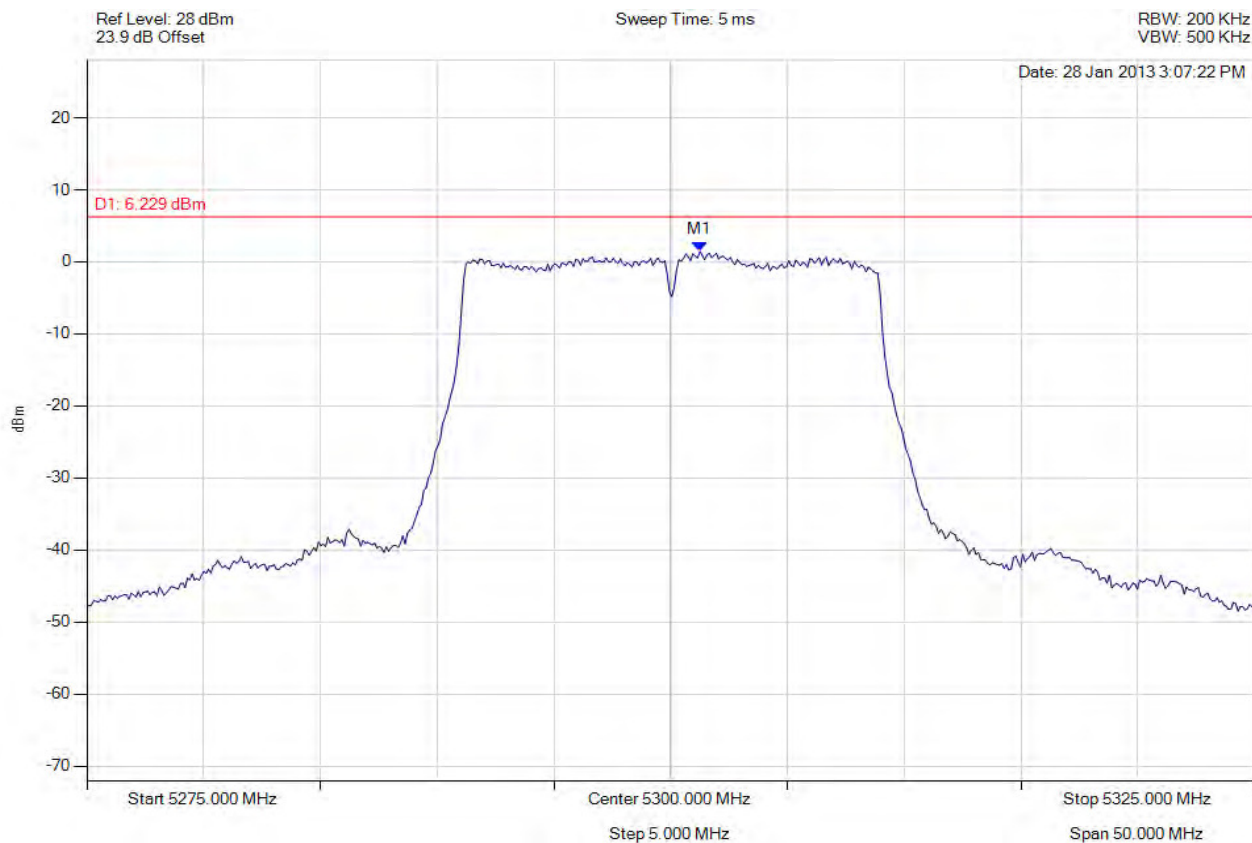


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 290 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5300.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5301.253 MHz : 1.422 dBm	Limit: ≤ 6.229 dBm Margin: -4.81 dB

[Back to the Matrix](#)

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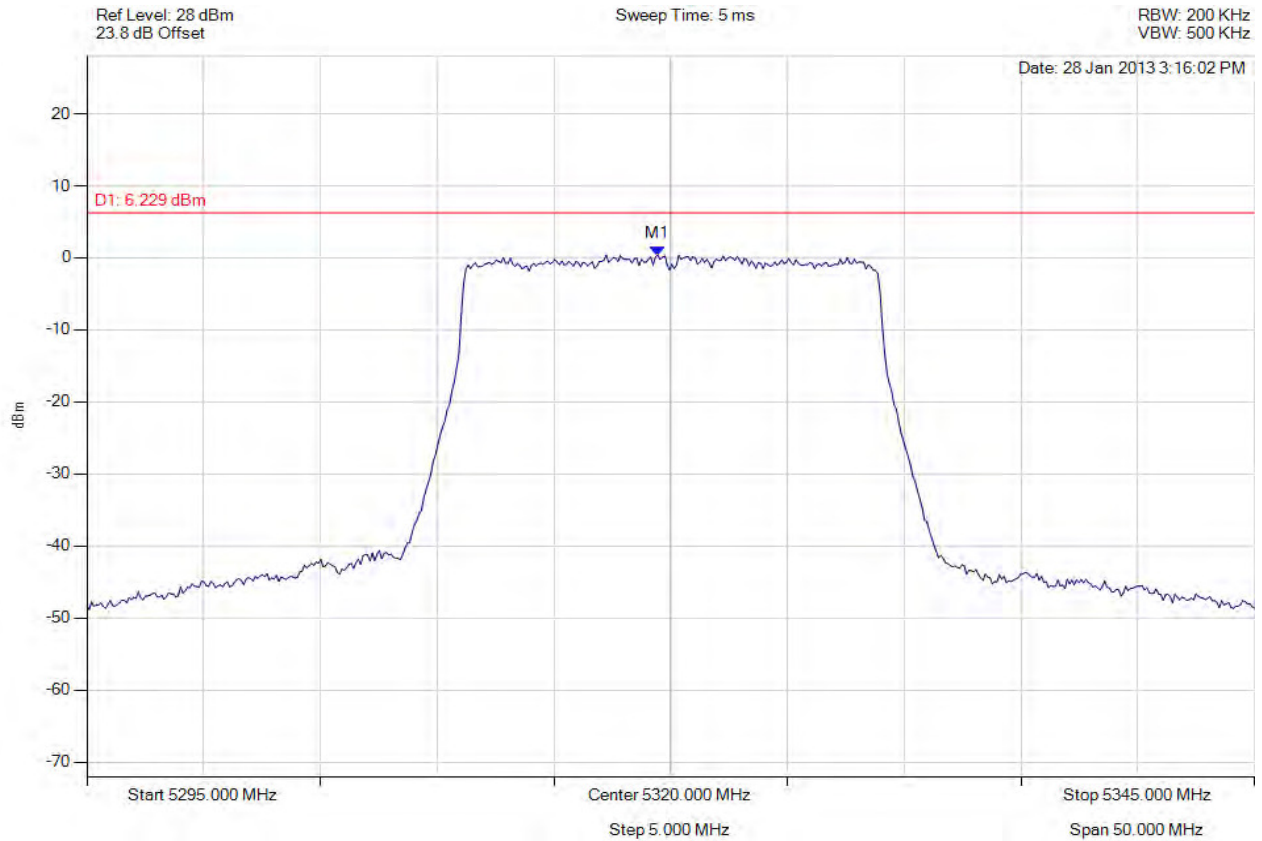


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 291 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5320.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5319.449 MHz : 0.371 dBm	Limit: ≤ 6.229 dBm Margin: -5.86 dB

[Back to the Matrix](#)

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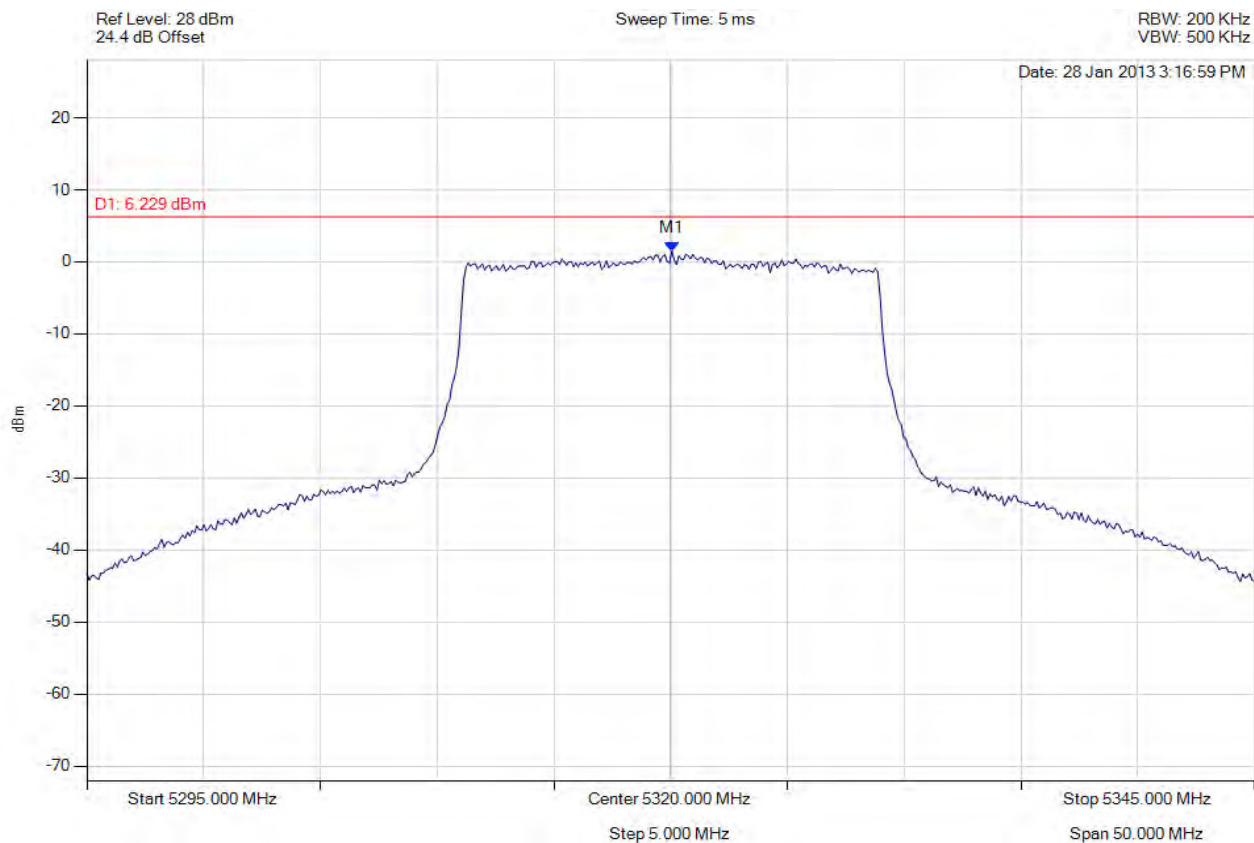


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 292 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5320.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5320.050 MHz : 1.543 dBm	Limit: ≤ 6.229 dBm Margin: -4.69 dB

[Back to the Matrix](#)

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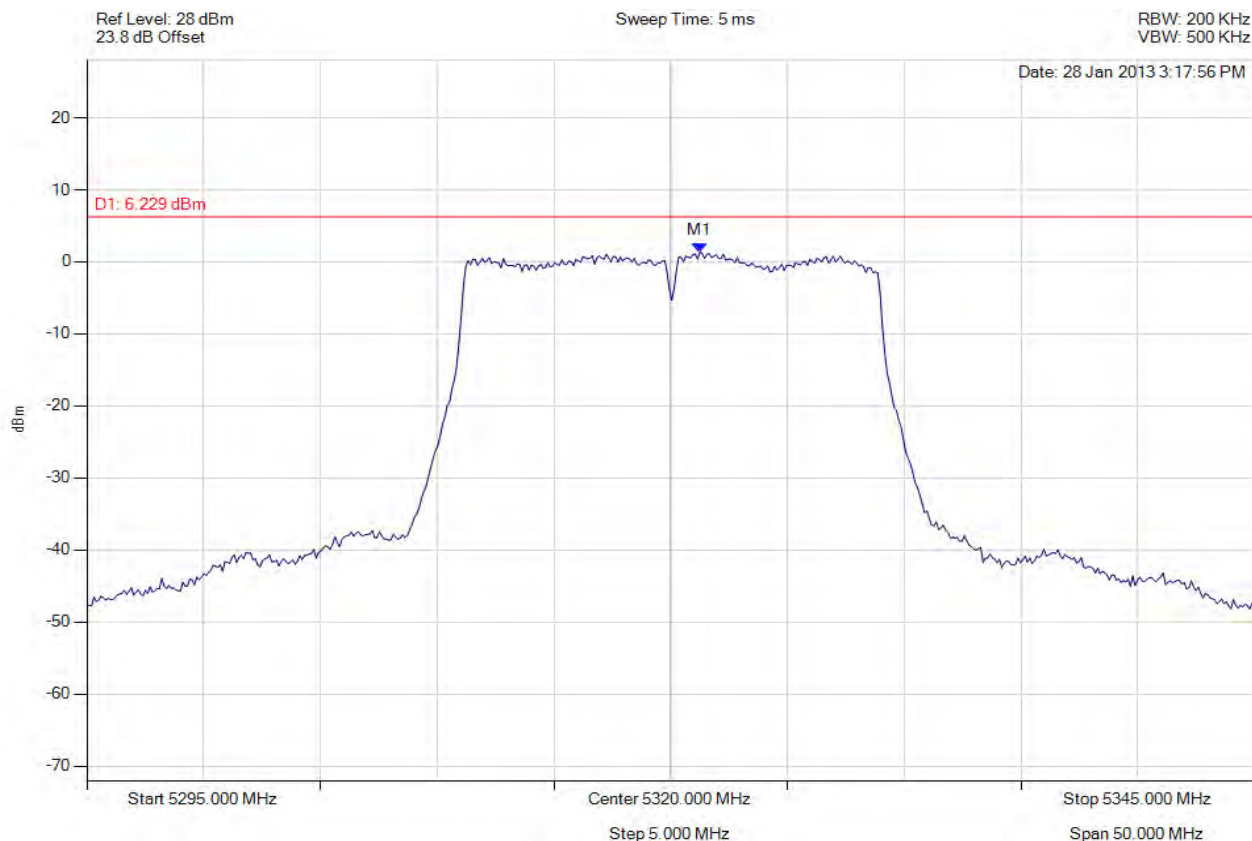


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 293 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5320.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5321.253 MHz : 1.345 dBm	Limit: ≤ 6.229 dBm Margin: -4.88 dB

[Back to the Matrix](#)

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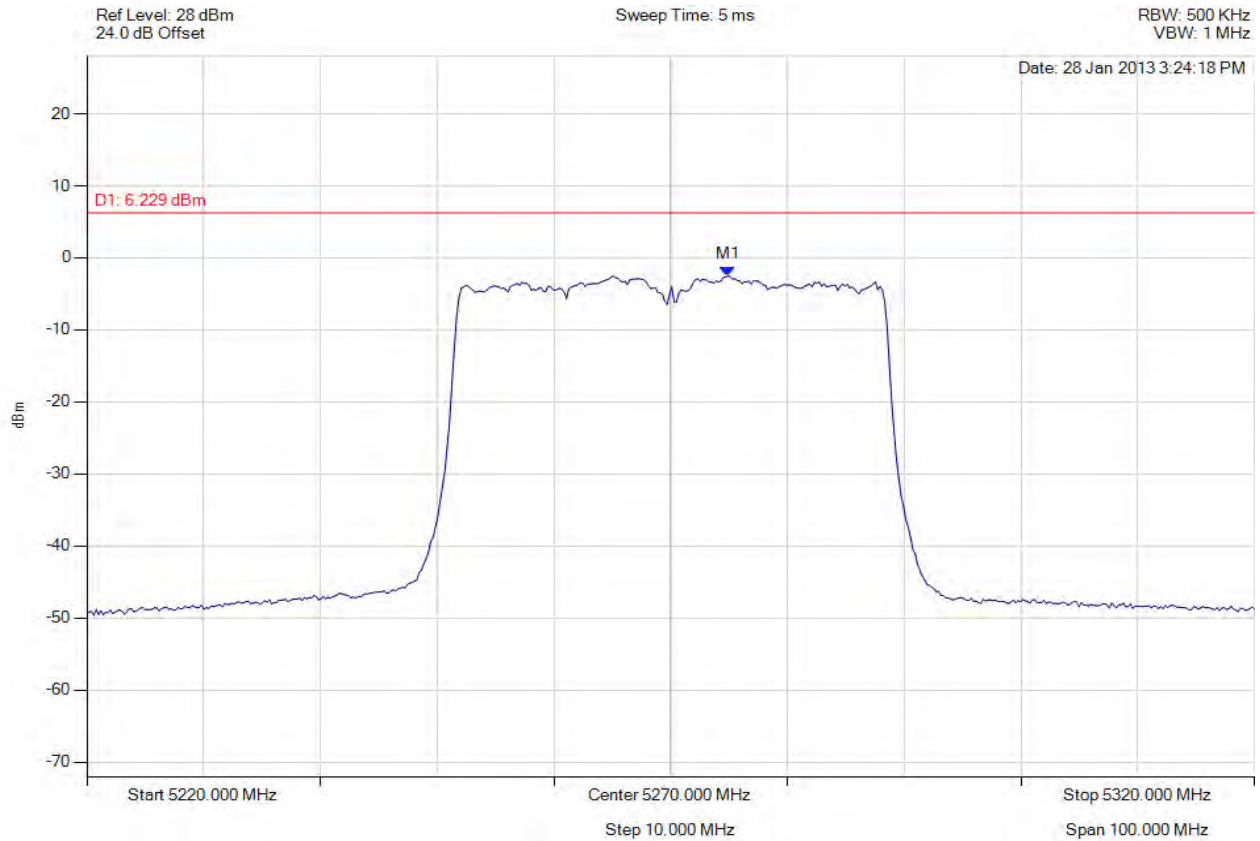


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 294 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5270.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5274.910 MHz : -2.503 dBm	Limit: ≤ 6.229 dBm Margin: -8.73 dB

[Back to the Matrix](#)

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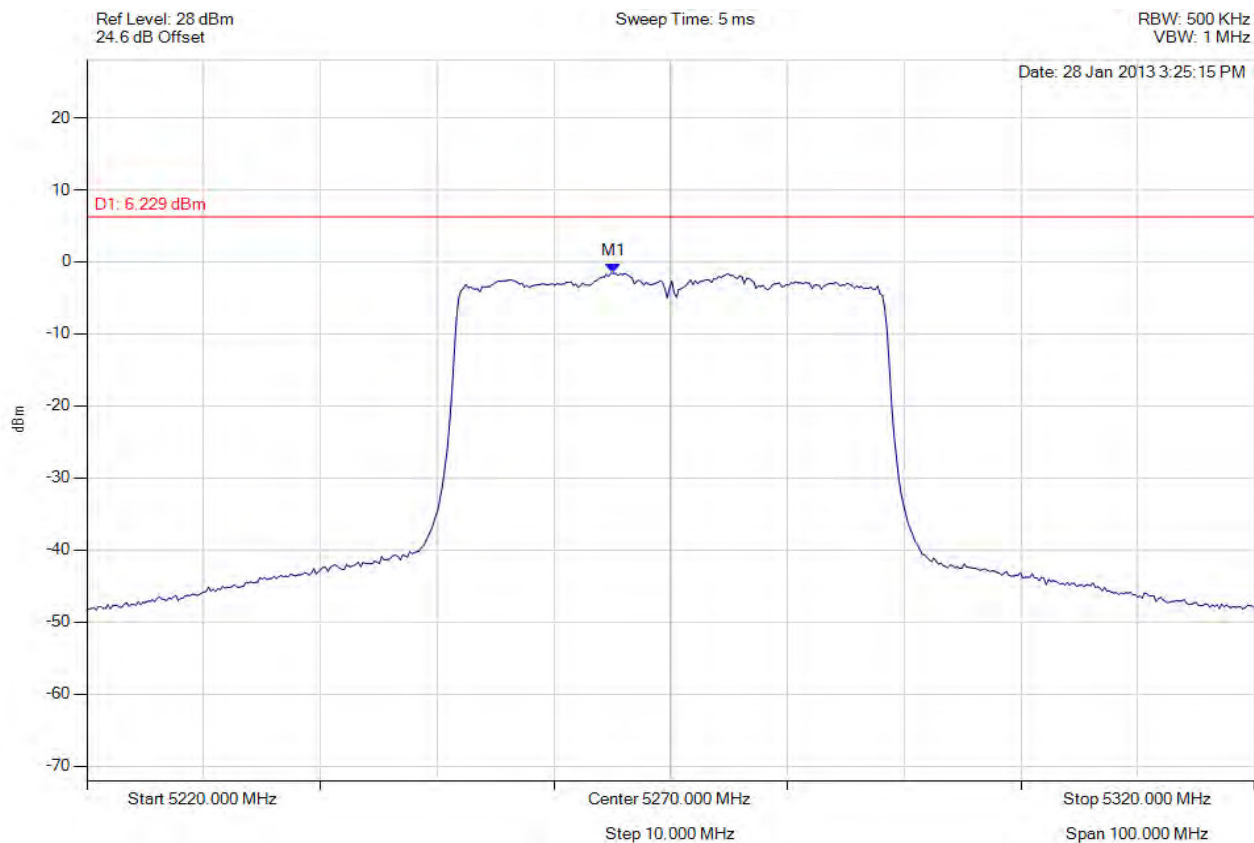


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 295 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5270.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5265.090 MHz : -1.589 dBm	Limit: ≤ 6.229 dBm Margin: -7.82 dB

[Back to the Matrix](#)

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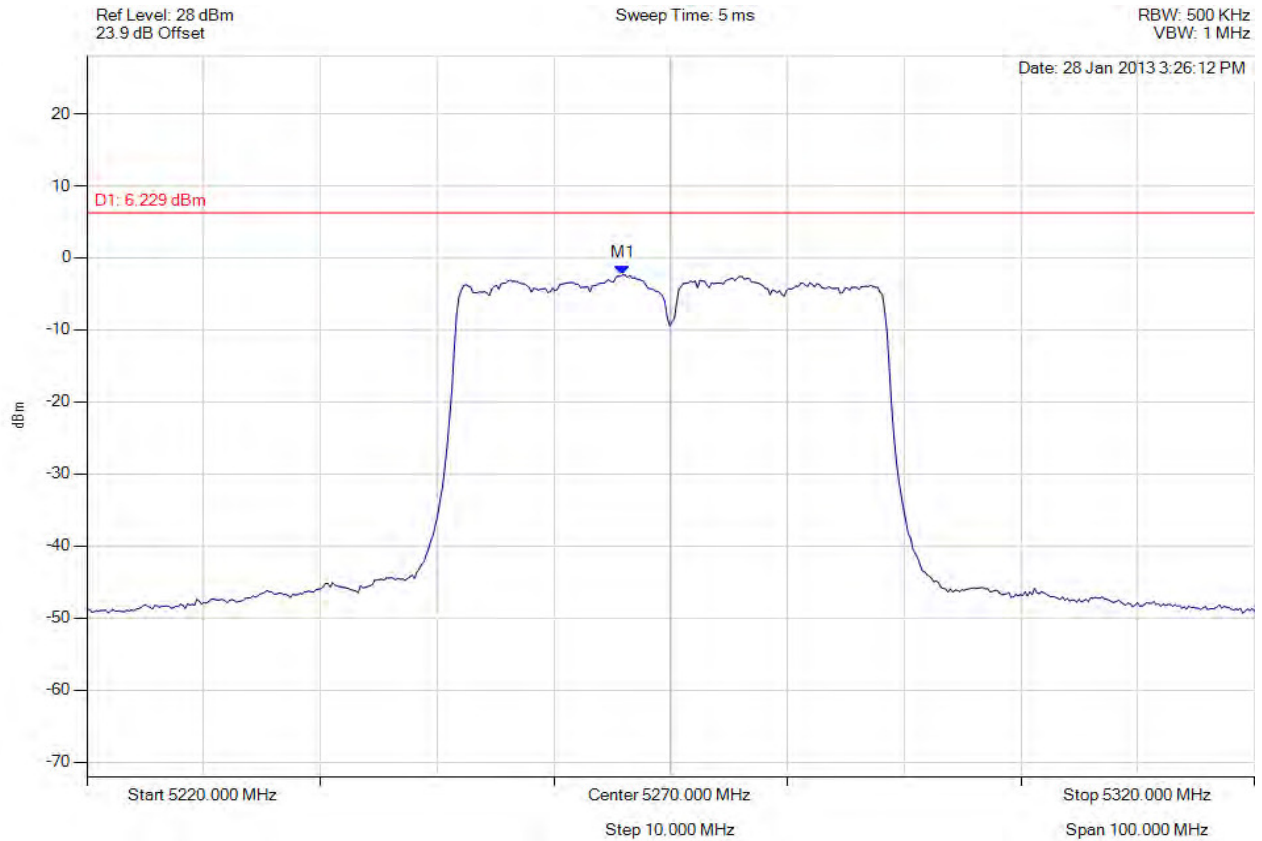


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 296 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5270.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5265.892 MHz : -2.353 dBm	Limit: ≤ 6.229 dBm Margin: -8.58 dB

[Back to the Matrix](#)

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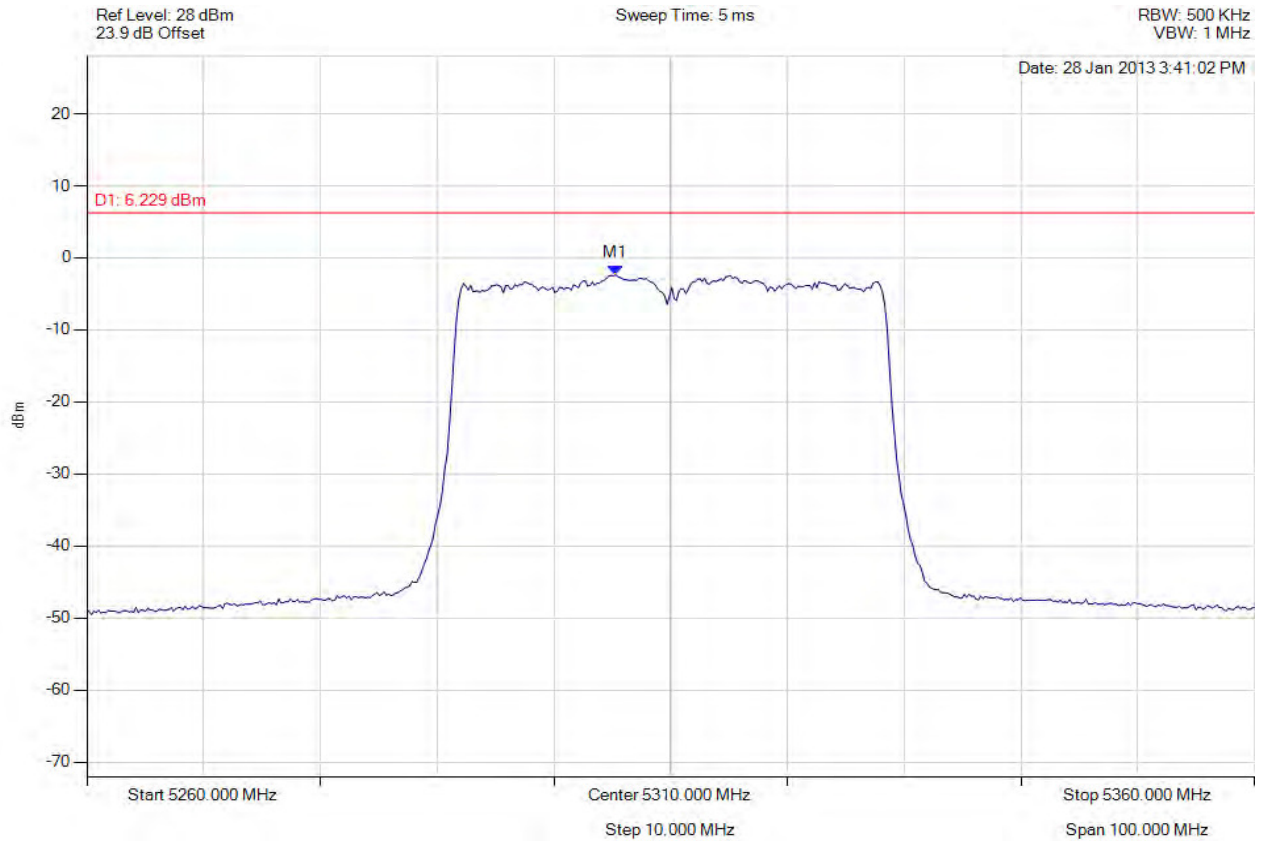


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 297 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5310.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5305.291 MHz : -2.377 dBm	Limit: ≤ 6.229 dBm Margin: -8.61 dB

[Back to the Matrix](#)

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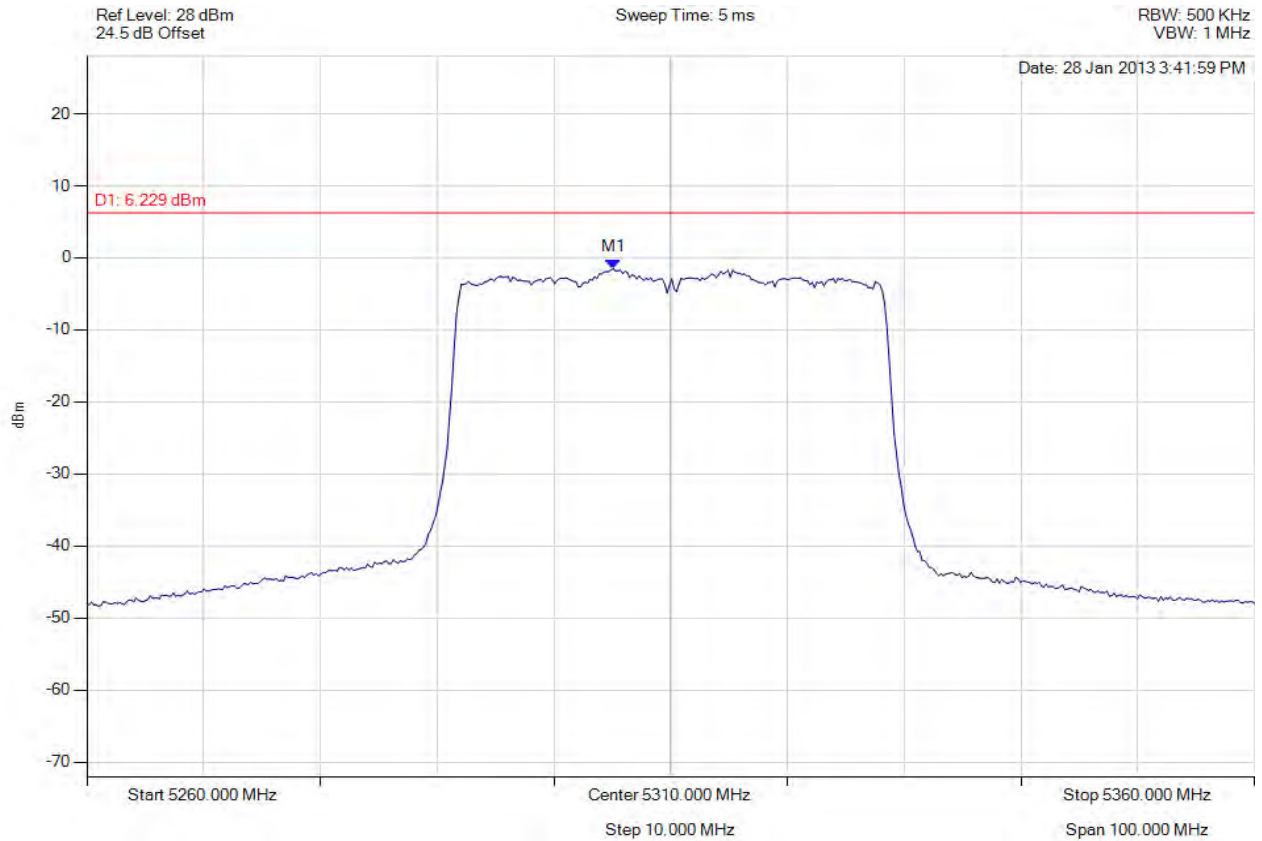


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 298 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5310.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5305.090 MHz : -1.540 dBm	Limit: ≤ 6.229 dBm Margin: -7.77 dB

[Back to the Matrix](#)

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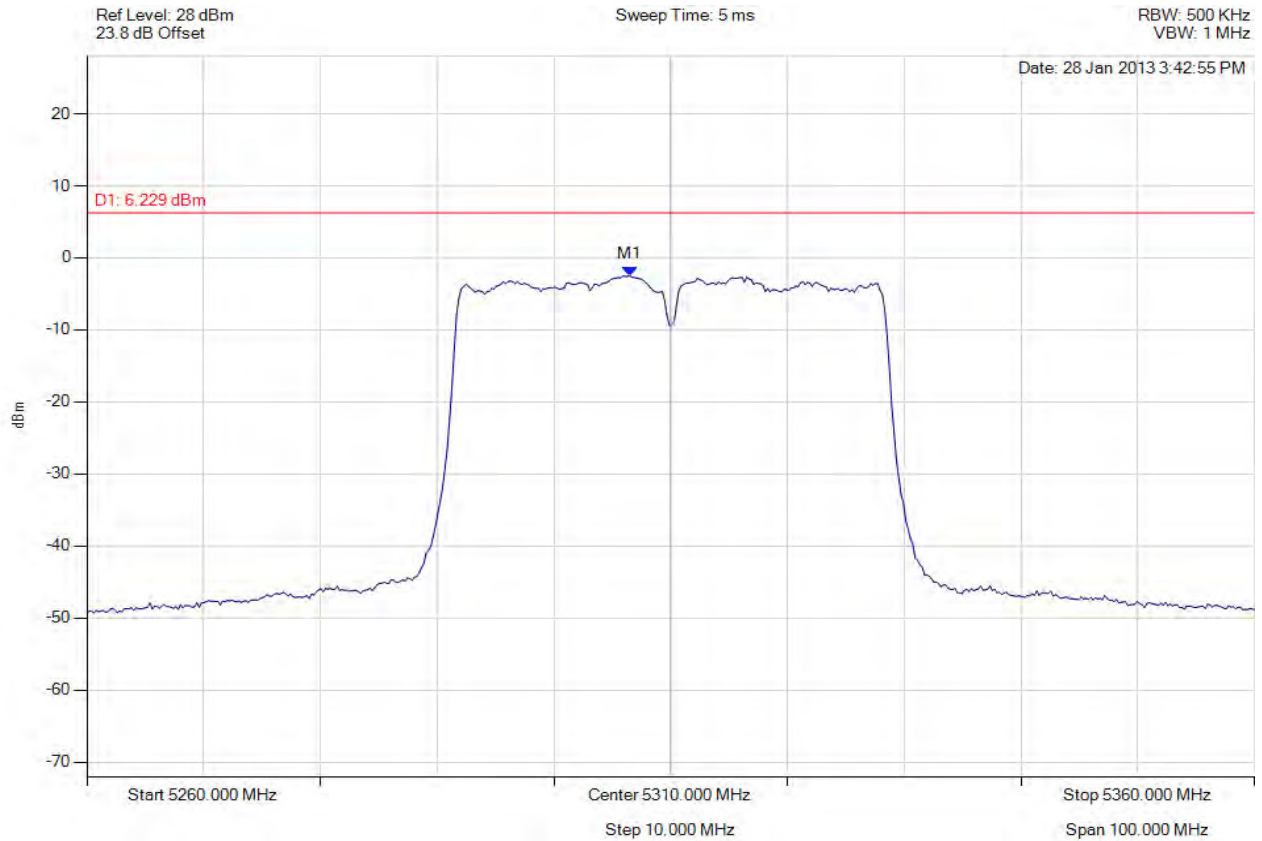


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 299 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5310.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5306.493 MHz : -2.517 dBm	Limit: ≤ 6.229 dBm Margin: -8.75 dB

[Back to the Matrix](#)

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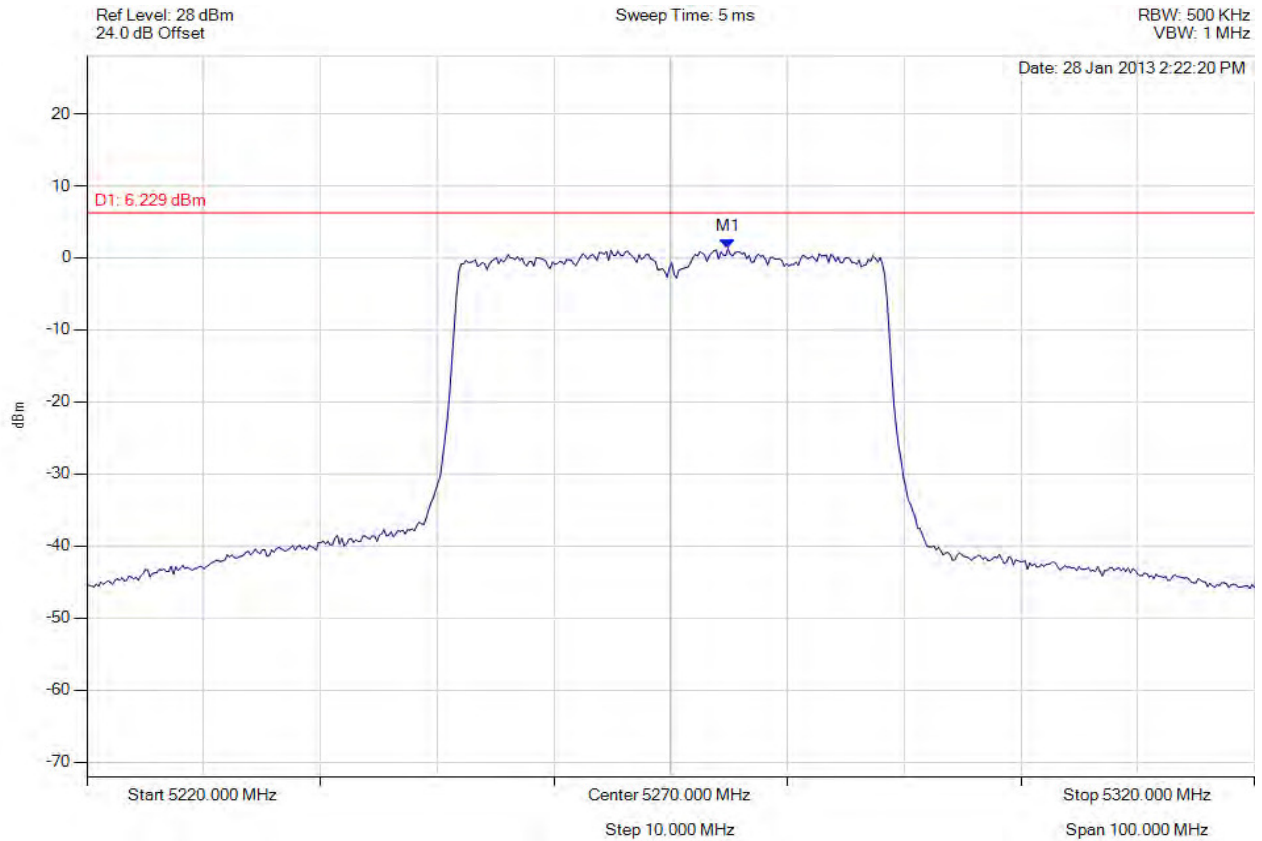


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 300 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5270.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5274.910 MHz : 1.300 dBm	Limit: ≤ 6.229 dBm Margin: -4.93 dB

[Back to the Matrix](#)

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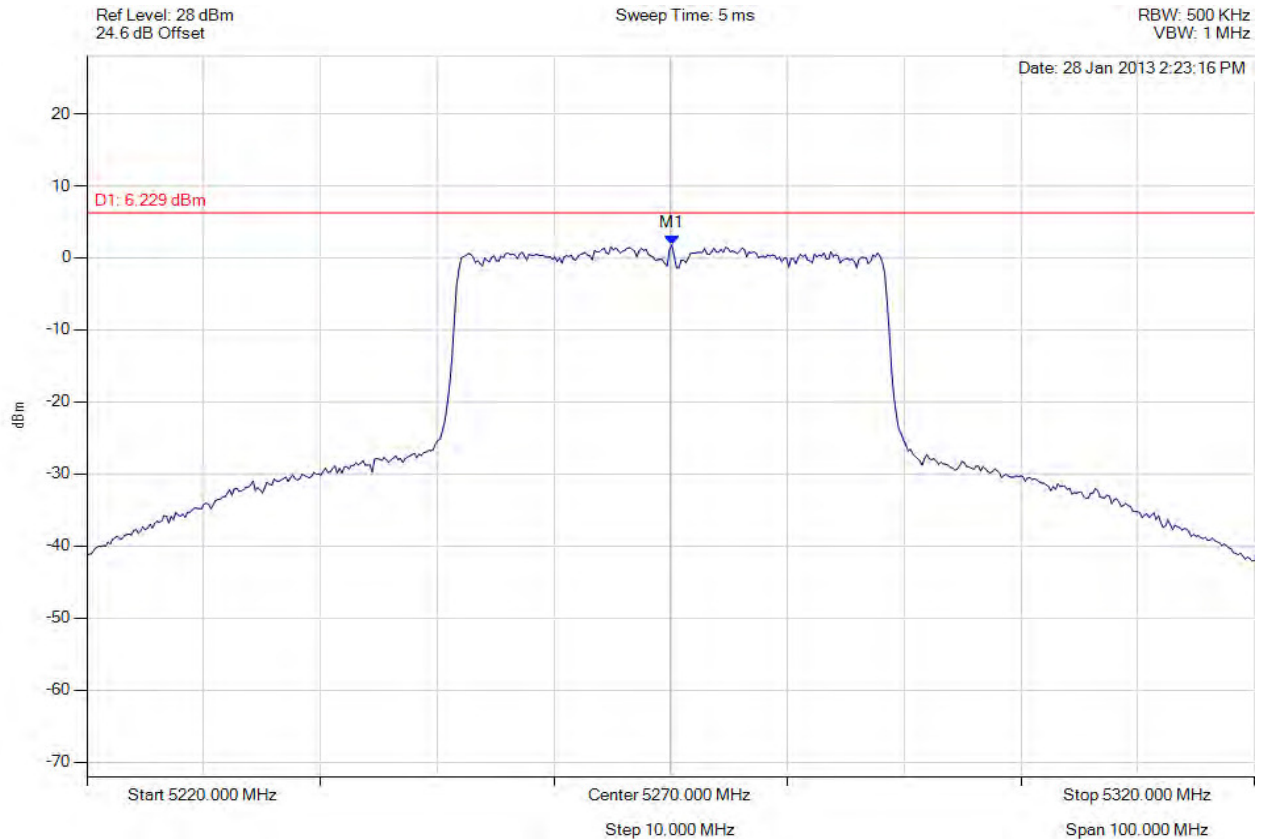


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 301 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5270.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5270.100 MHz : 1.803 dBm	Limit: ≤ 6.229 dBm Margin: -4.43 dB

[Back to the Matrix](#)

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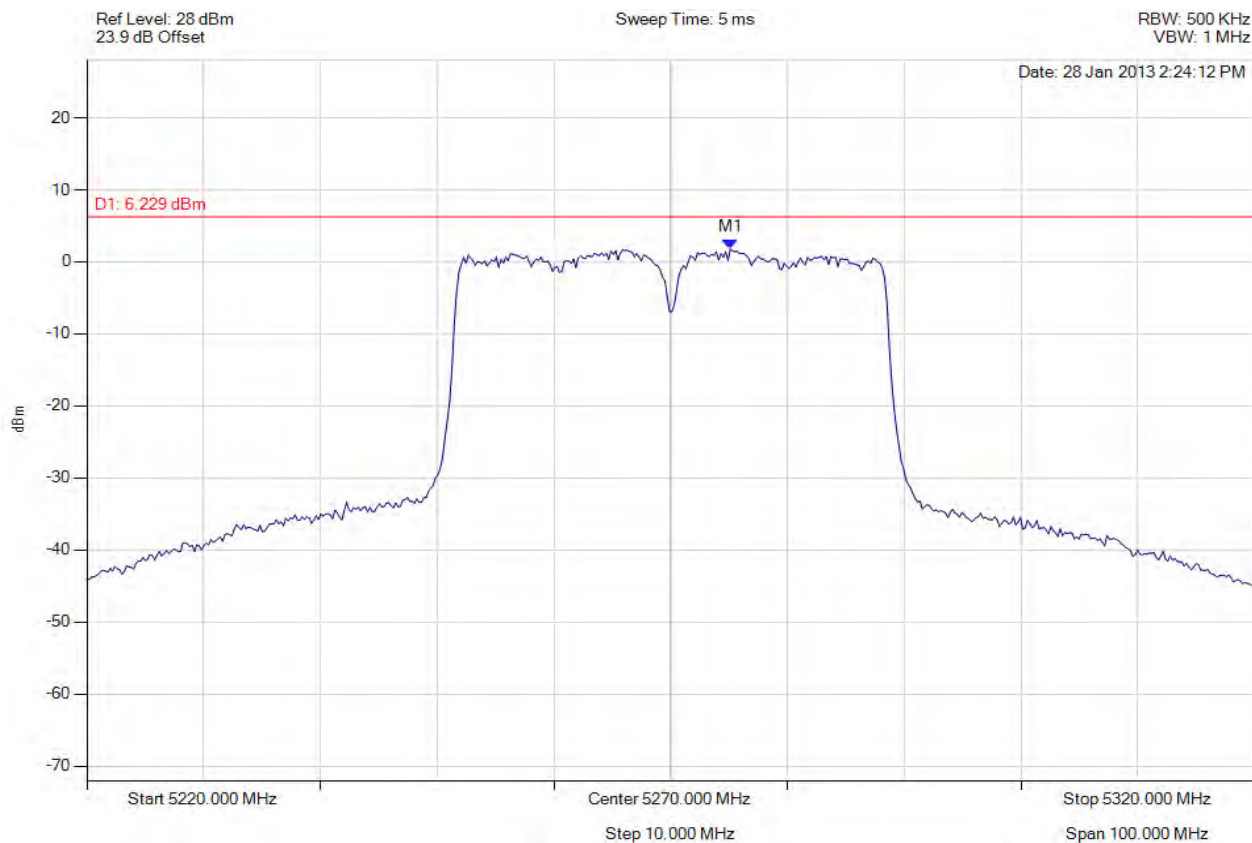


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 302 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5270.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5275.110 MHz : 1.798 dBm	Limit: \leq 6.229 dBm Margin: -4.43 dB

[Back to the Matrix](#)

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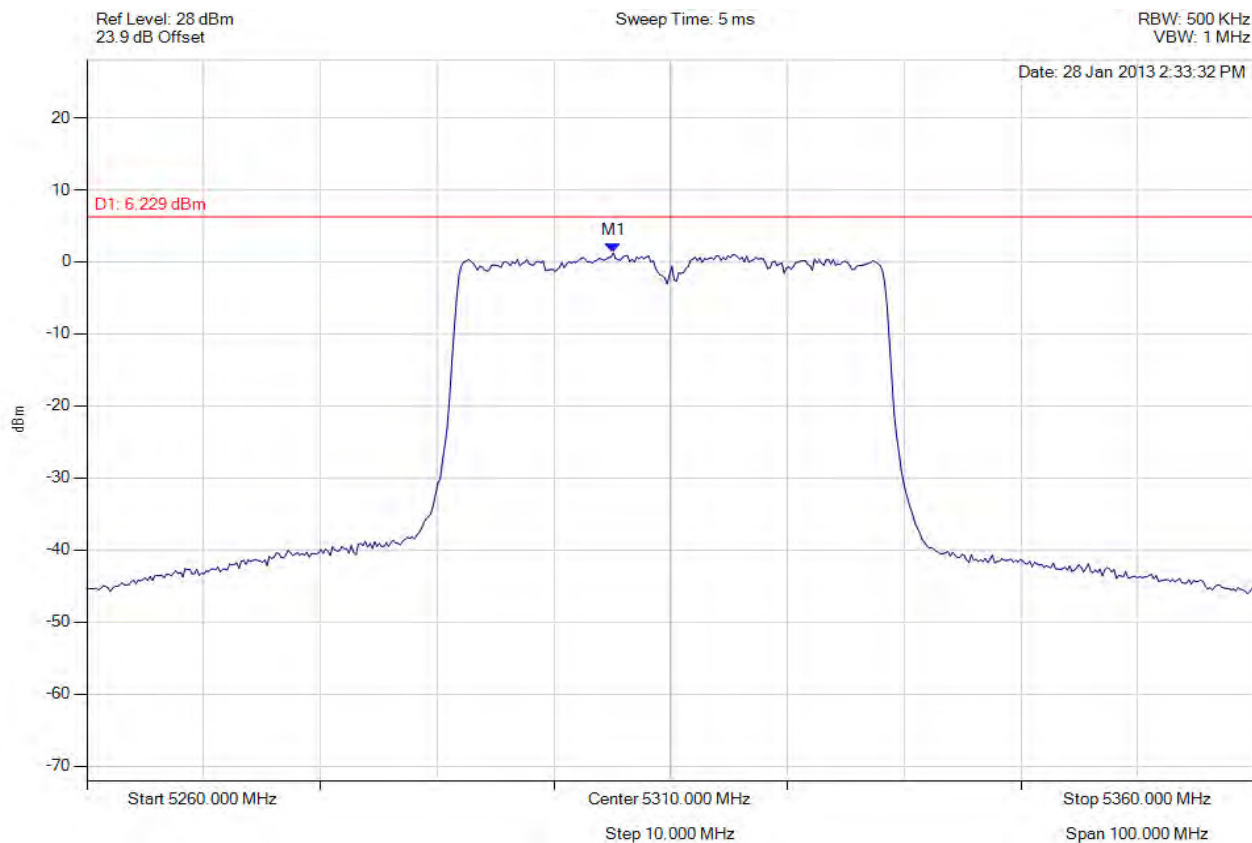


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 303 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5310.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5305.090 MHz : 1.228 dBm	Limit: \leq 6.229 dBm Margin: -5.00 dB

[Back to the Matrix](#)

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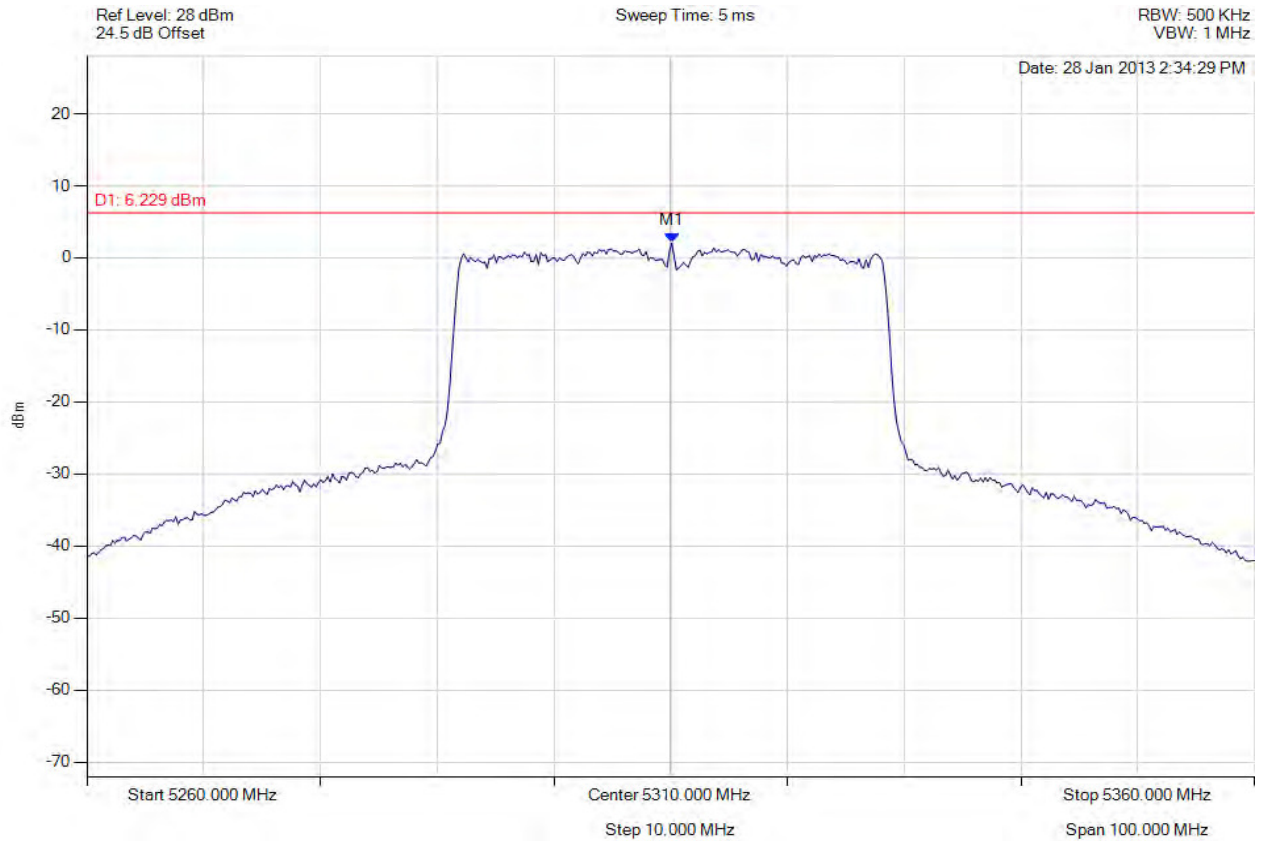


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 304 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5310.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5310.100 MHz : 2.075 dBm	Limit: \leq 6.229 dBm Margin: -4.15 dB

[Back to the Matrix](#)

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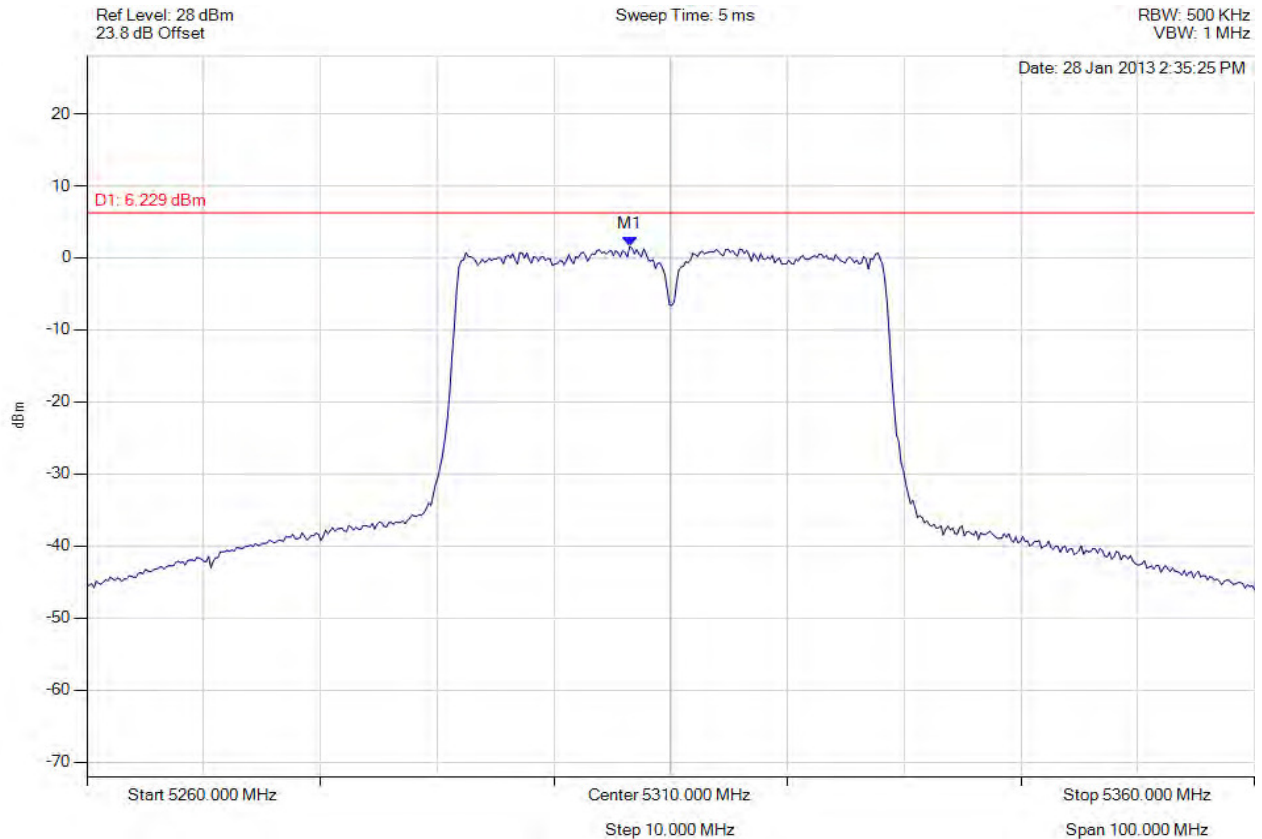


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 305 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5310.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5306.493 MHz : 1.601 dBm	Limit: ≤ 6.229 dBm Margin: -4.63 dB

[Back to the Matrix](#)

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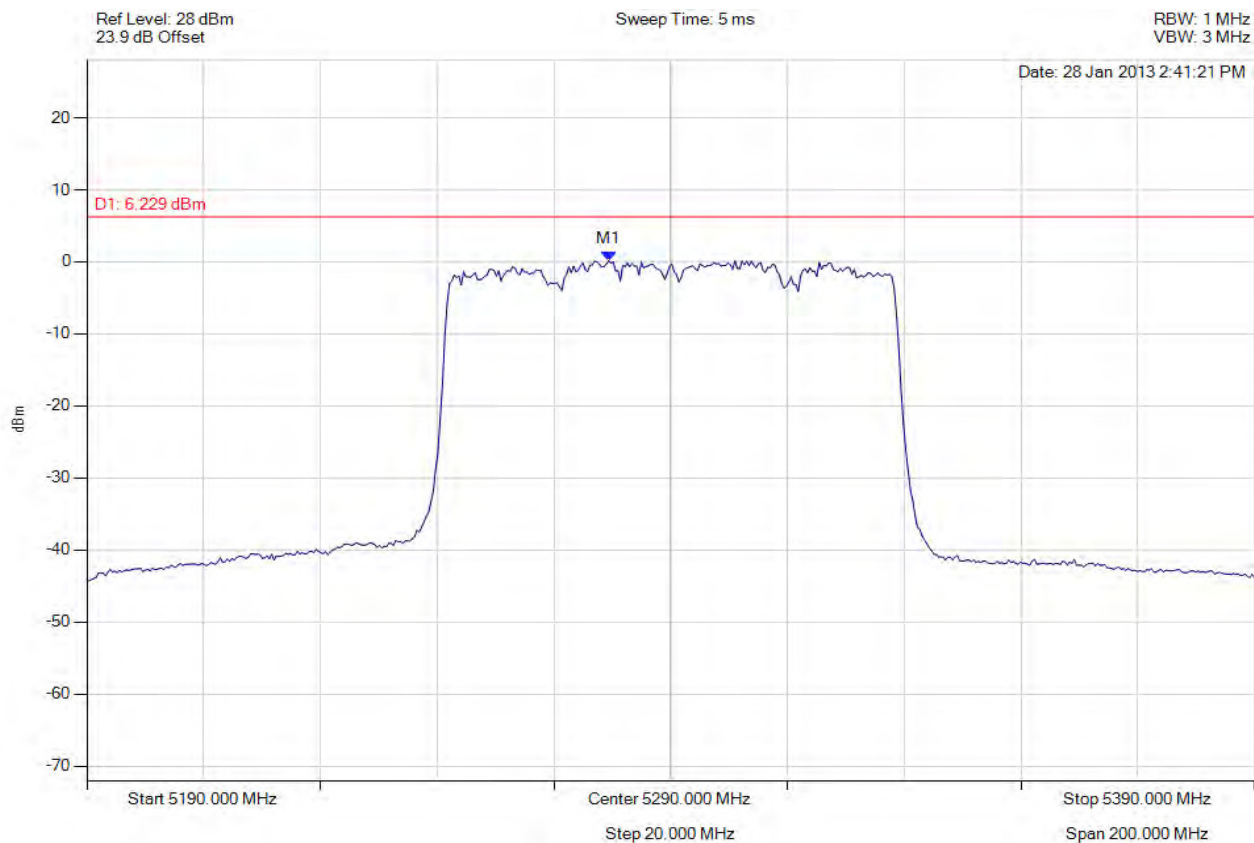


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 306 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5290.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5279.379 MHz : 0.164 dBm	Limit: ≤ 6.229 dBm Margin: -6.06 dB

[Back to the Matrix](#)

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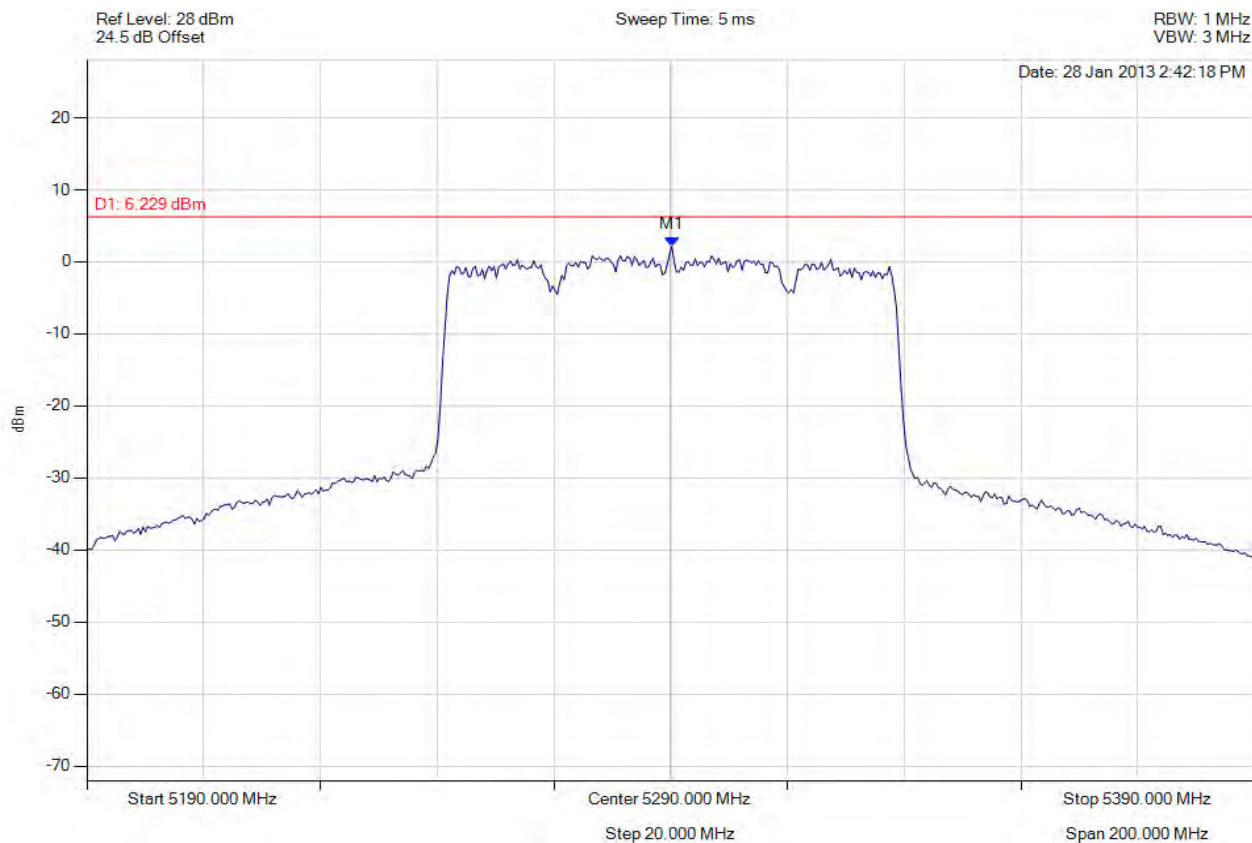


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 307 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5290.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5290.200 MHz : 2.150 dBm	Limit: ≤ 6.229 dBm Margin: -4.08 dB

[Back to the Matrix](#)

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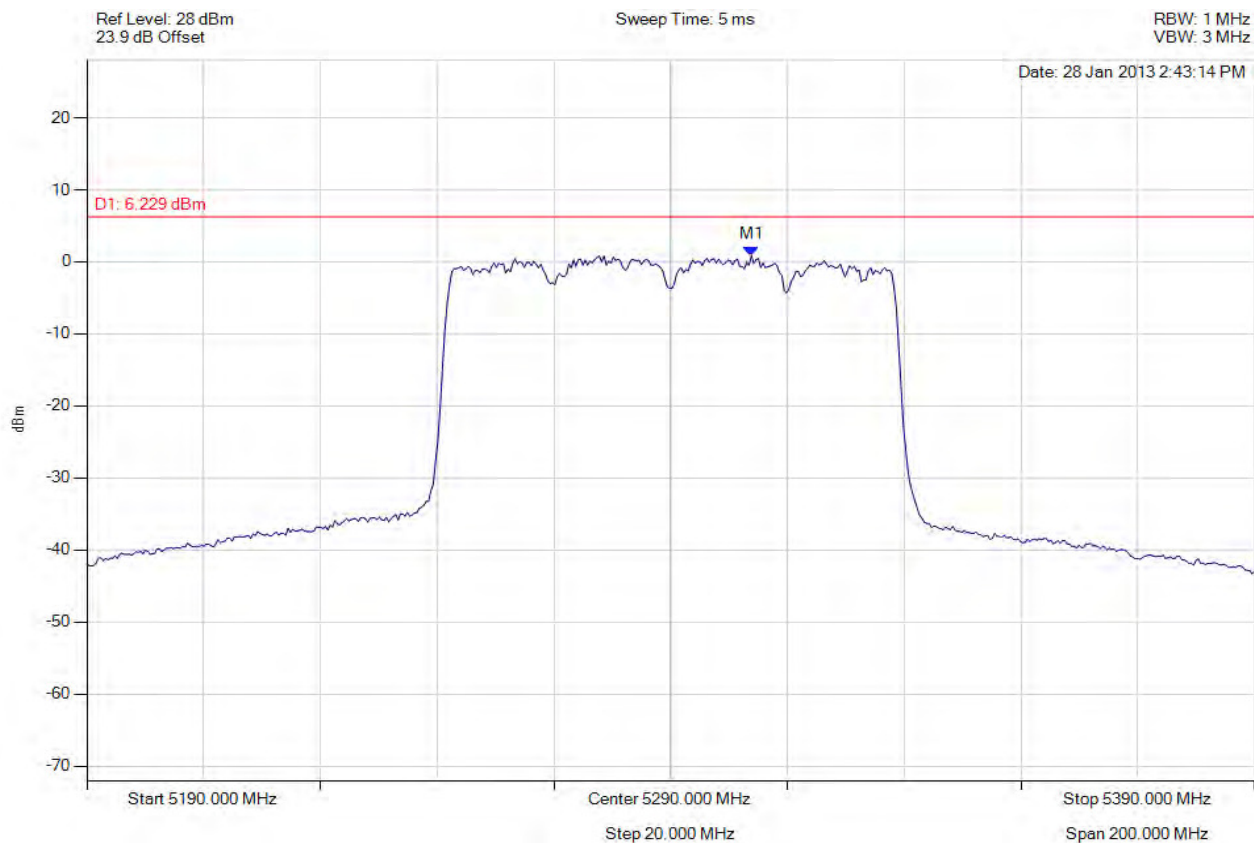


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 308 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5290.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5303.828 MHz : 0.861 dBm	Limit: ≤ 6.229 dBm Margin: -5.37 dB

[Back to the Matrix](#)

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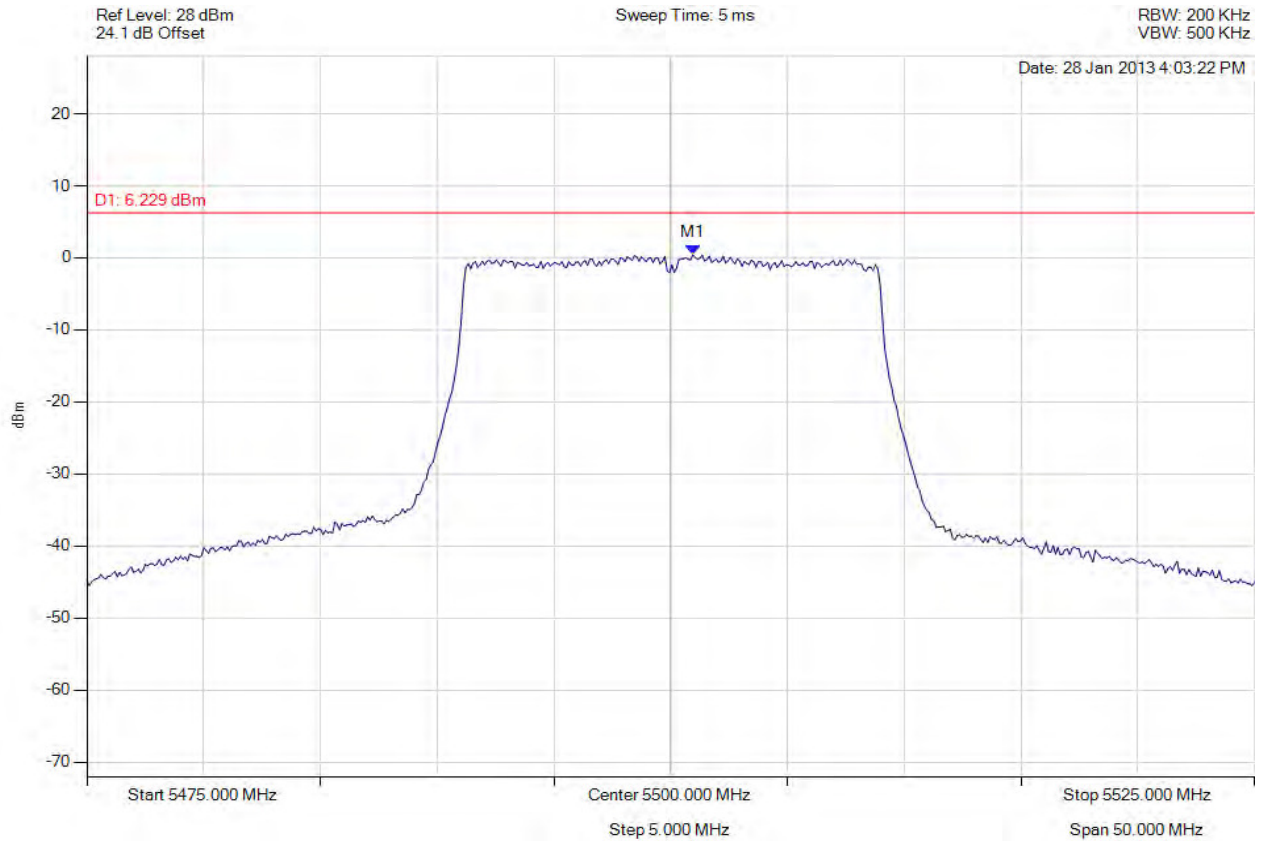


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 309 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5500.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5500.952 MHz : 0.420 dBm	Limit: ≤ 6.229 dBm Margin: -5.81 dB

[Back to the Matrix](#)

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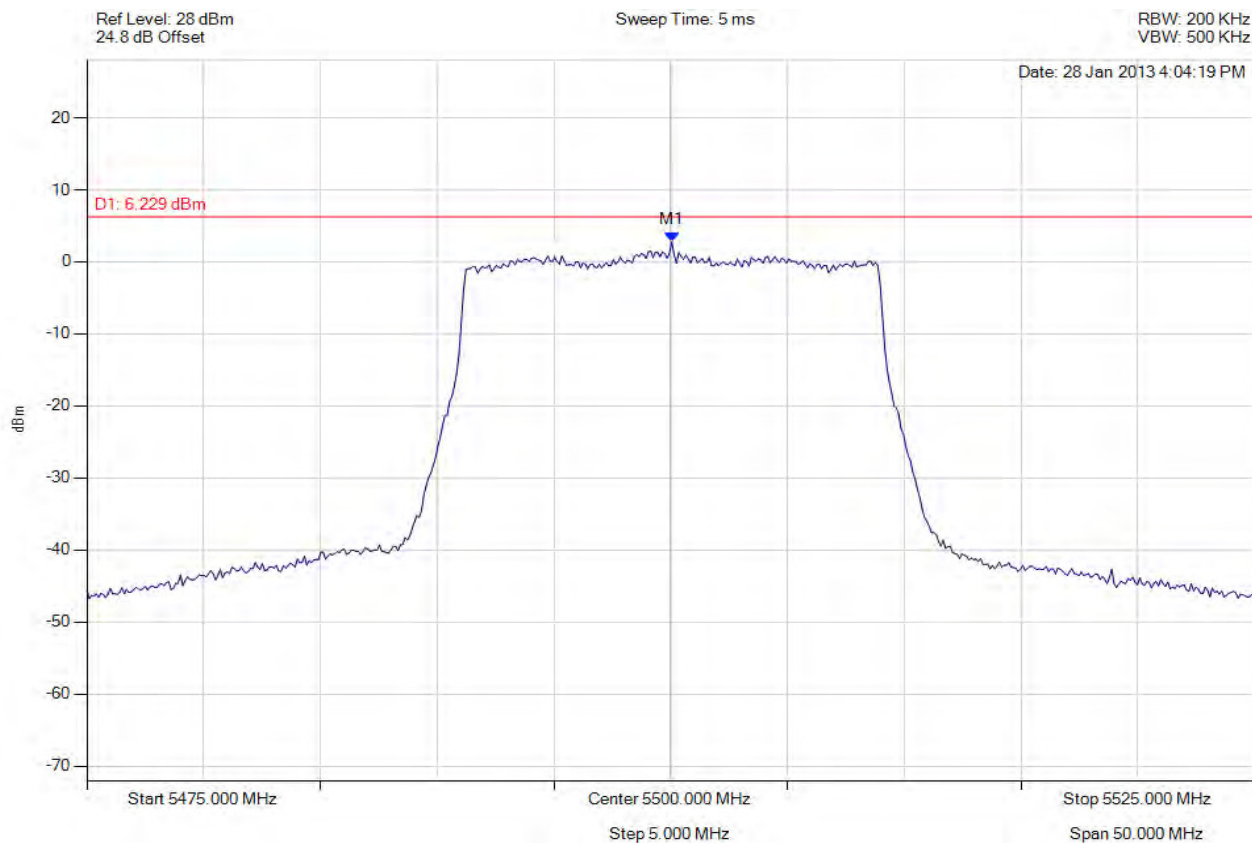


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 310 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5500.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5500.050 MHz : 2.772 dBm	Limit: ≤ 6.229 dBm Margin: -3.46 dB

[Back to the Matrix](#)

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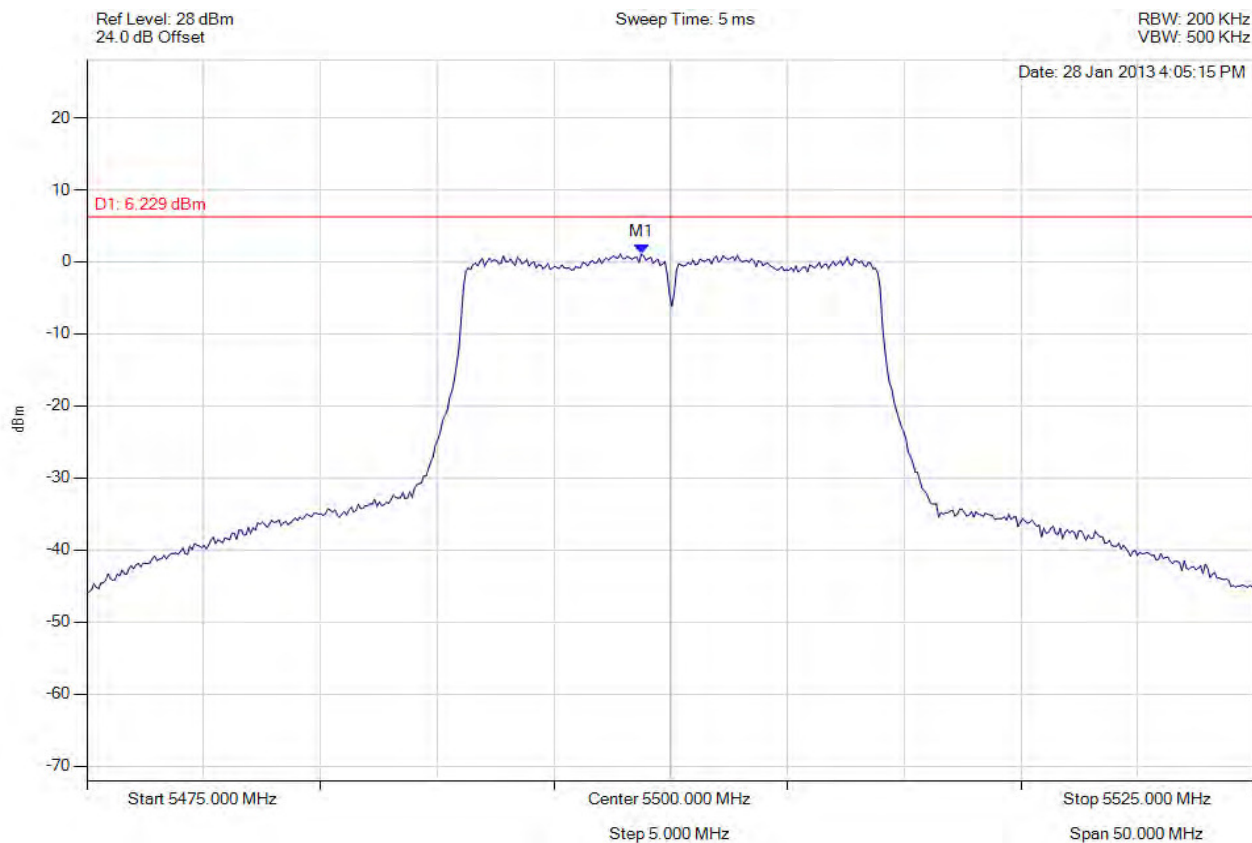


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 311 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5500.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5498.747 MHz : 1.089 dBm	Limit: ≤ 6.229 dBm Margin: -5.14 dB

[Back to the Matrix](#)

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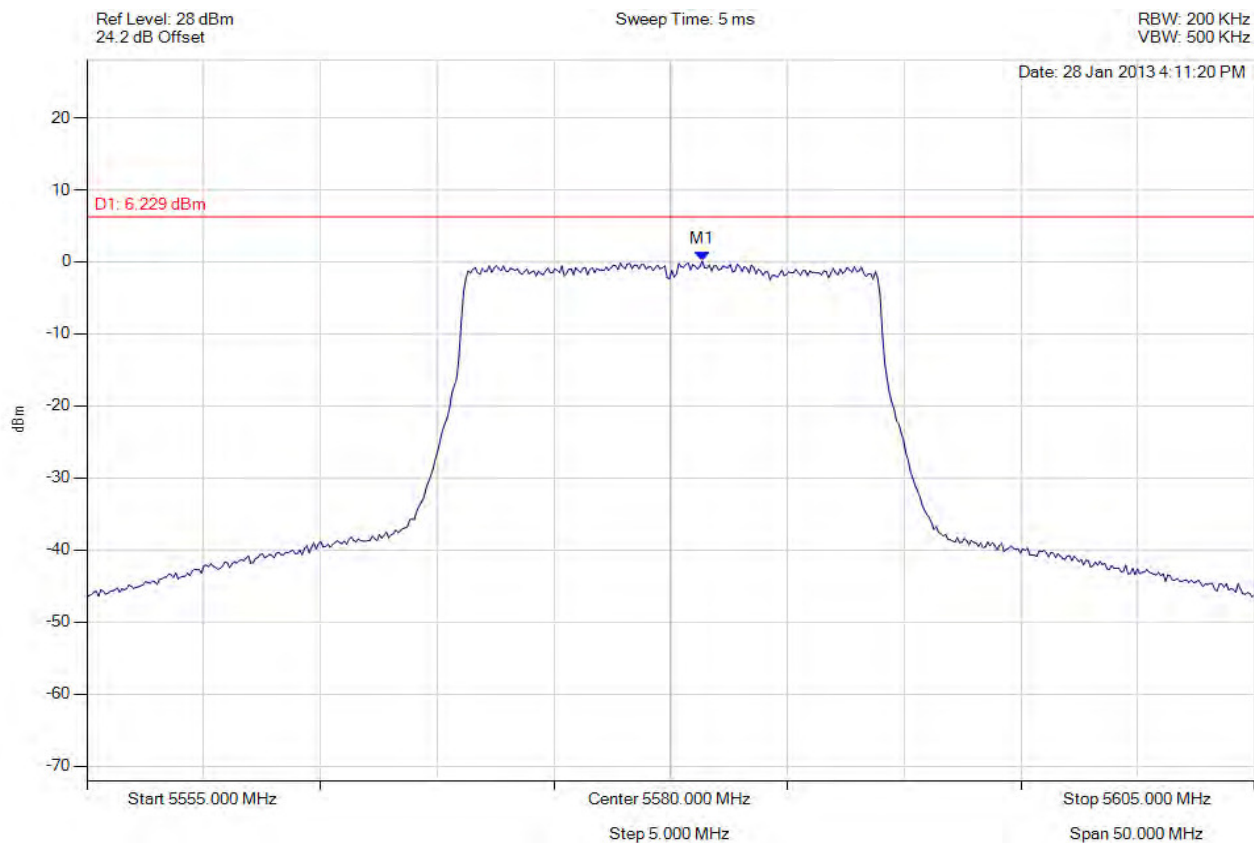


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 312 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5580.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5581.353 MHz : 0.090 dBm	Limit: ≤ 6.229 dBm Margin: -6.14 dB

[Back to the Matrix](#)

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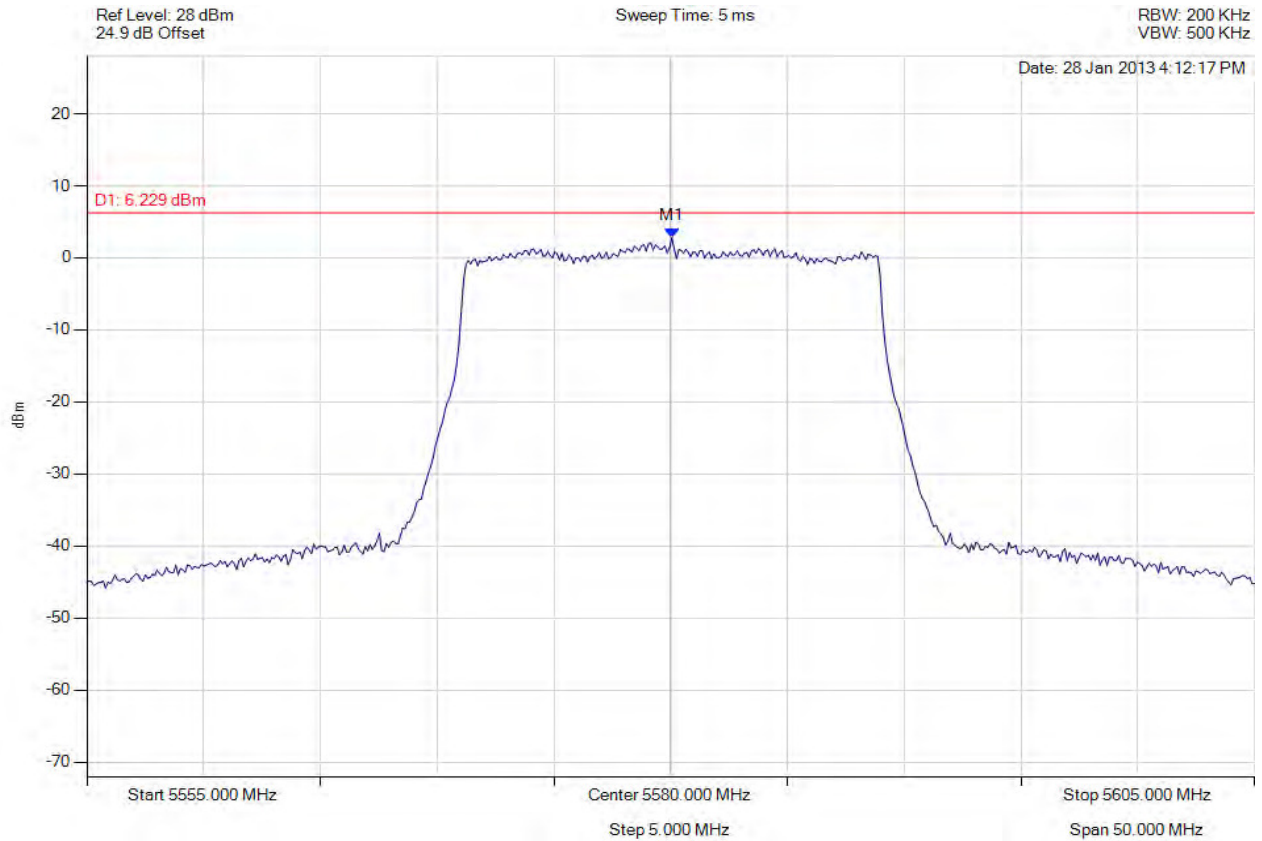


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 313 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5580.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5580.050 MHz : 2.815 dBm	Limit: ≤ 6.229 dBm Margin: -3.41 dB

[Back to the Matrix](#)

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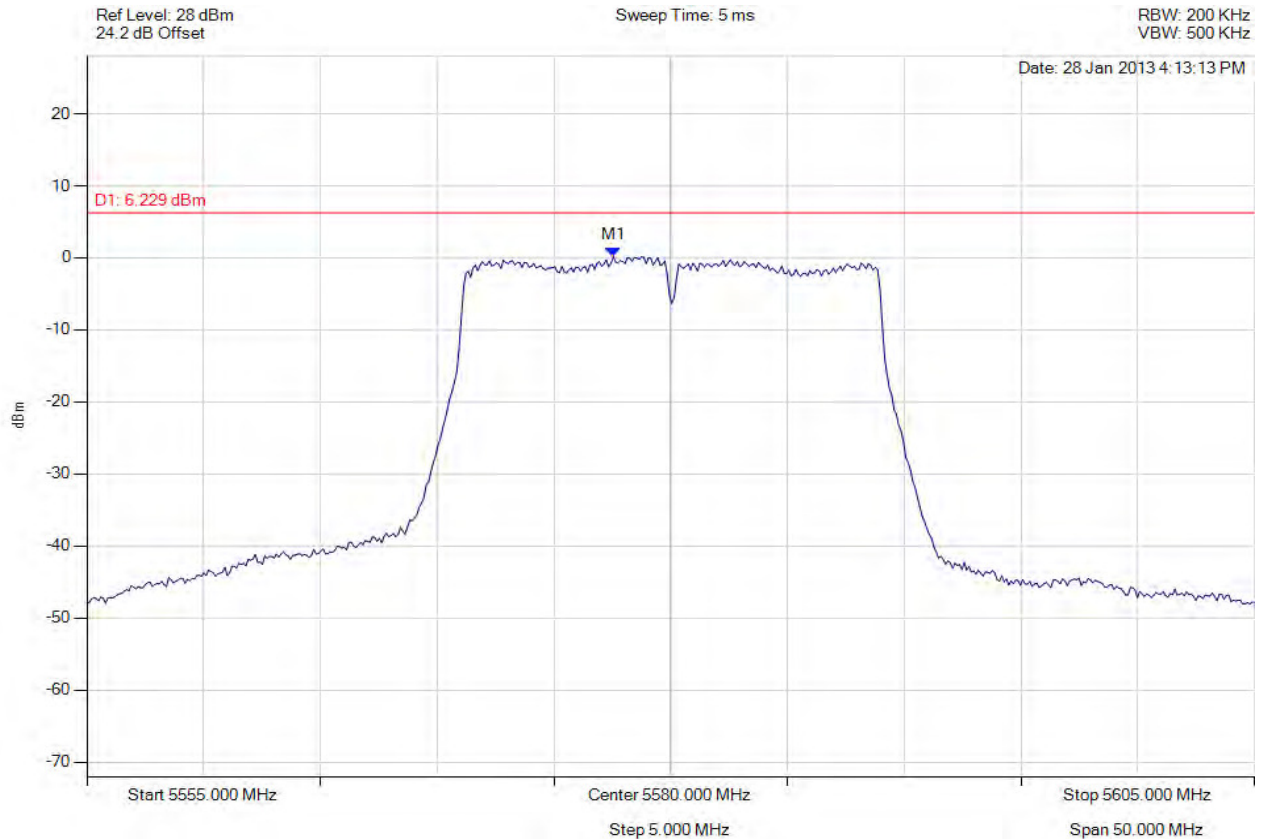


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 314 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5580.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5577.545 MHz : 0.170 dBm	Limit: ≤ 6.229 dBm Margin: -6.06 dB

[Back to the Matrix](#)

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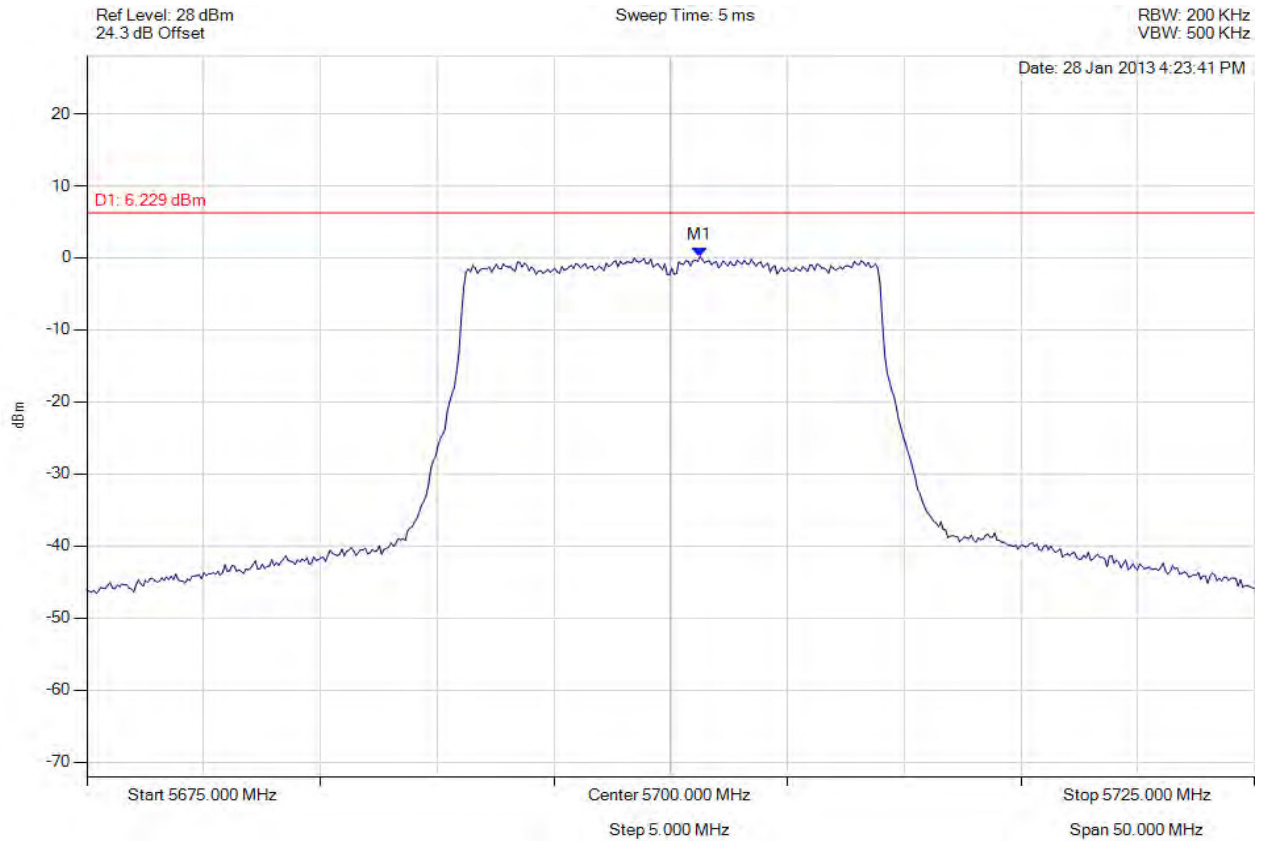


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 315 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5700.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5701.253 MHz : 0.147 dBm	Limit: ≤ 6.229 dBm Margin: -6.08 dB

[Back to the Matrix](#)

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

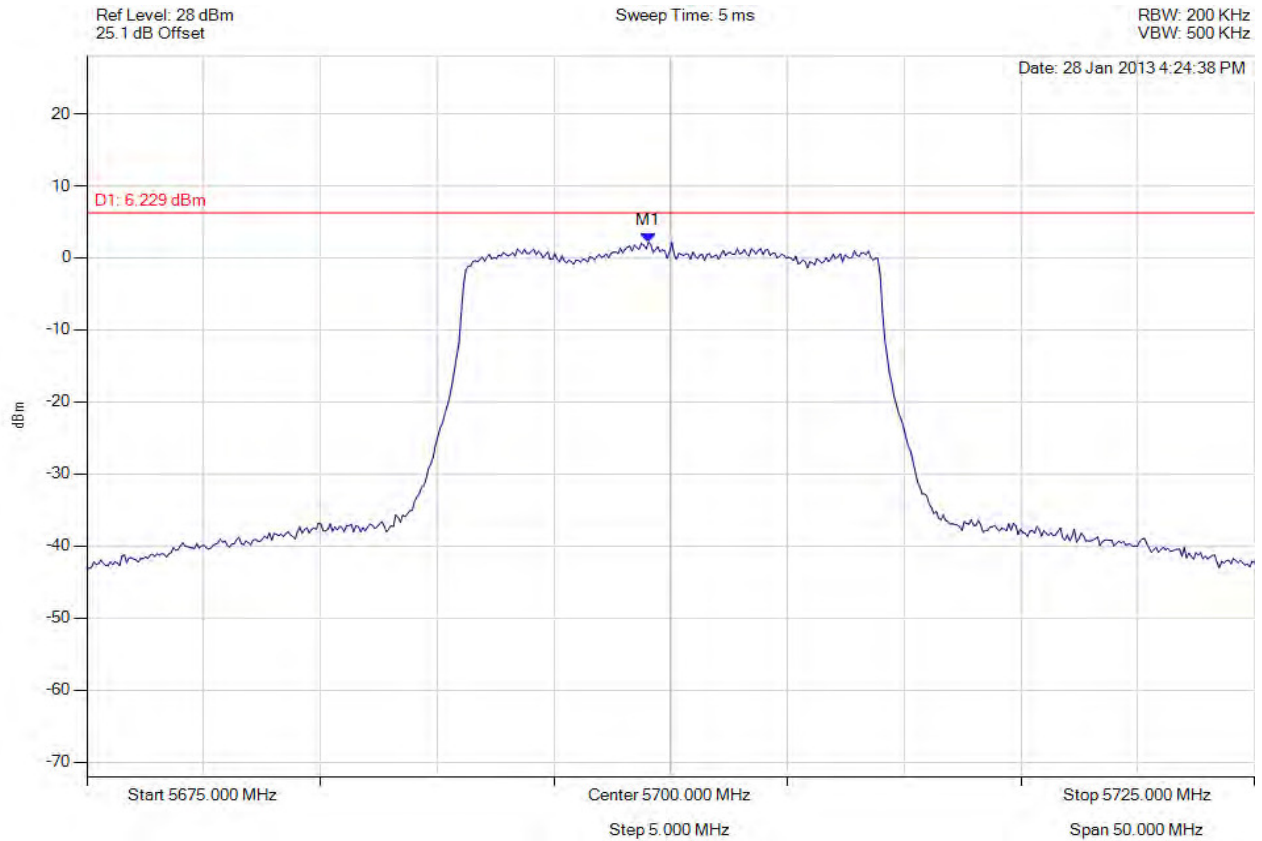


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 316 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5700.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5699.048 MHz : 2.163 dBm	Limit: ≤ 6.229 dBm Margin: -4.07 dB

[Back to the Matrix](#)

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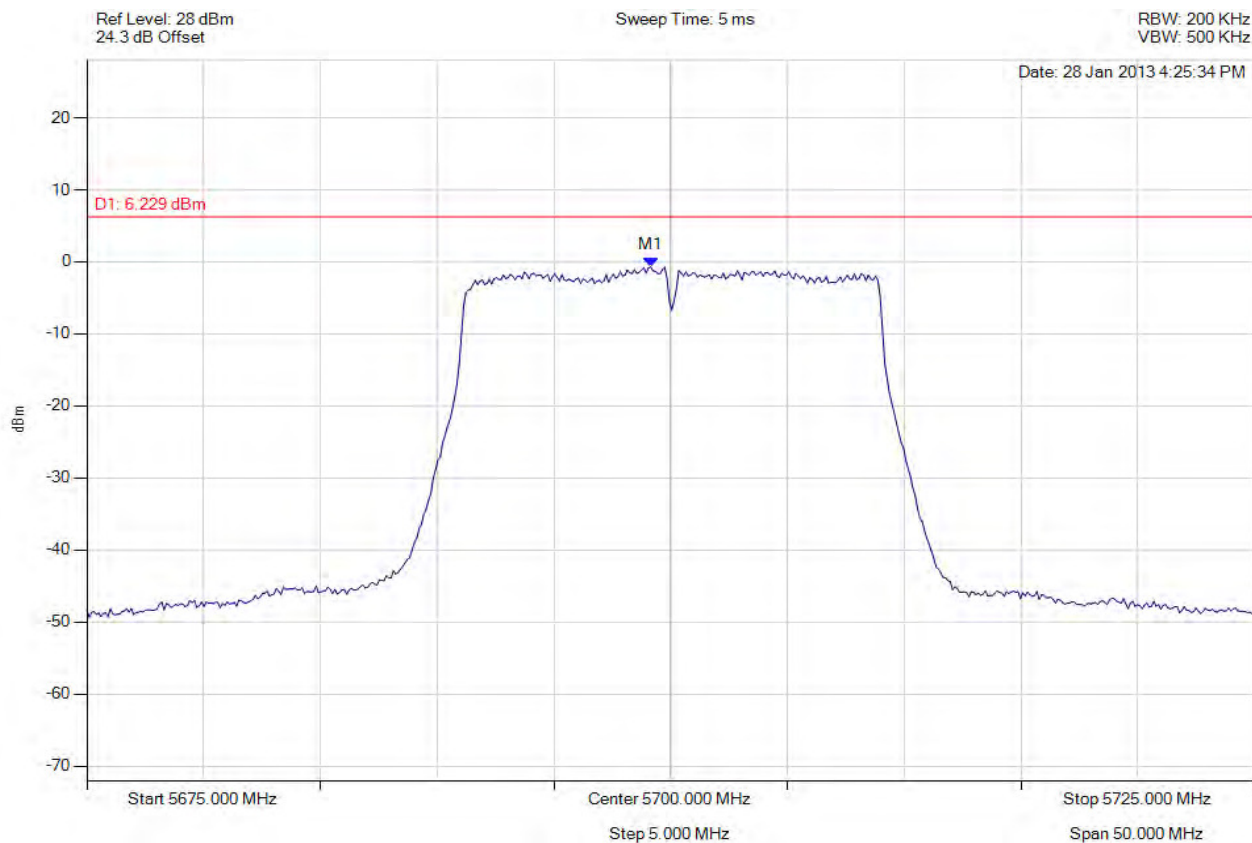


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 317 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5700.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5699.148 MHz : -0.720 dBm	Limit: ≤ 6.229 dBm Margin: -6.95 dB

[Back to the Matrix](#)

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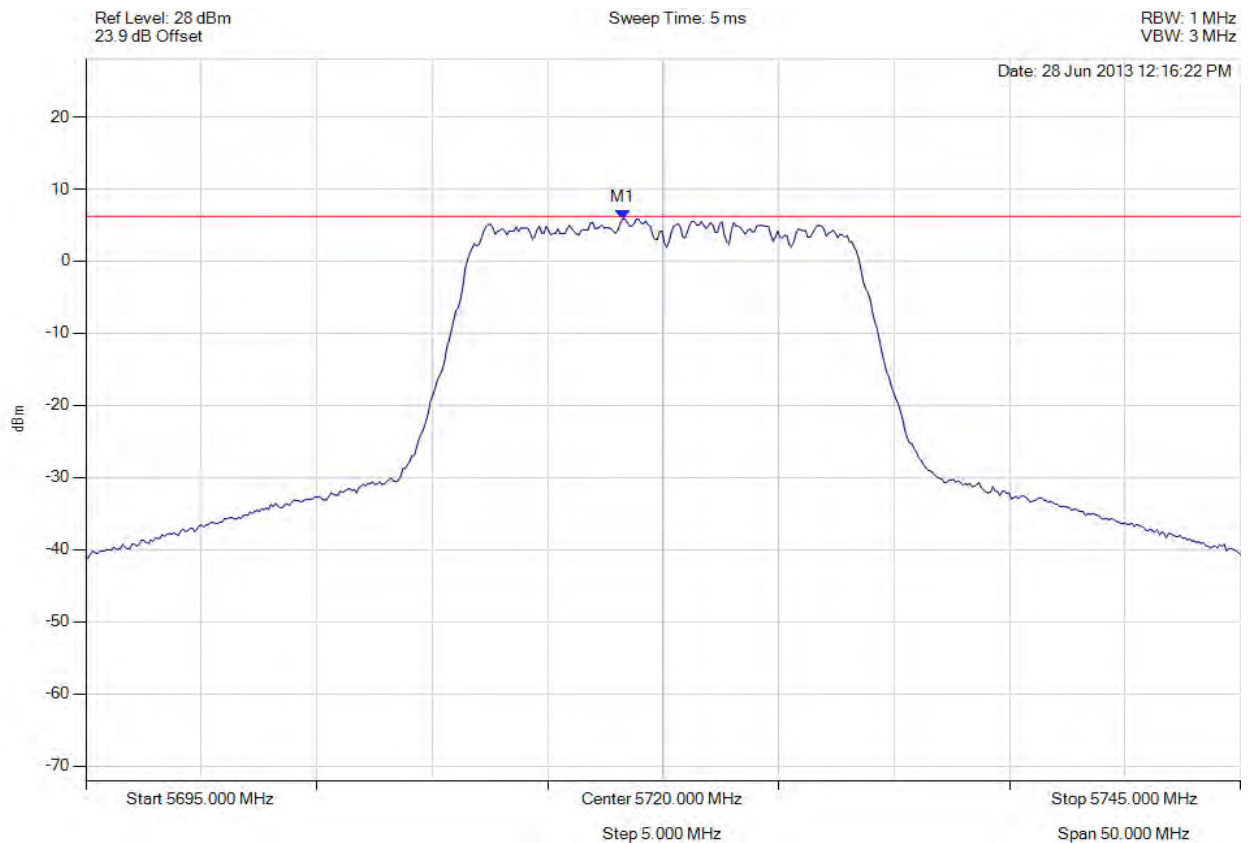


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 318 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5720.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5718.246 MHz : 5.859 dBm	Limit: ≤ 6.200 dBm Margin: -0.34 dB

[Back to the Matrix](#)

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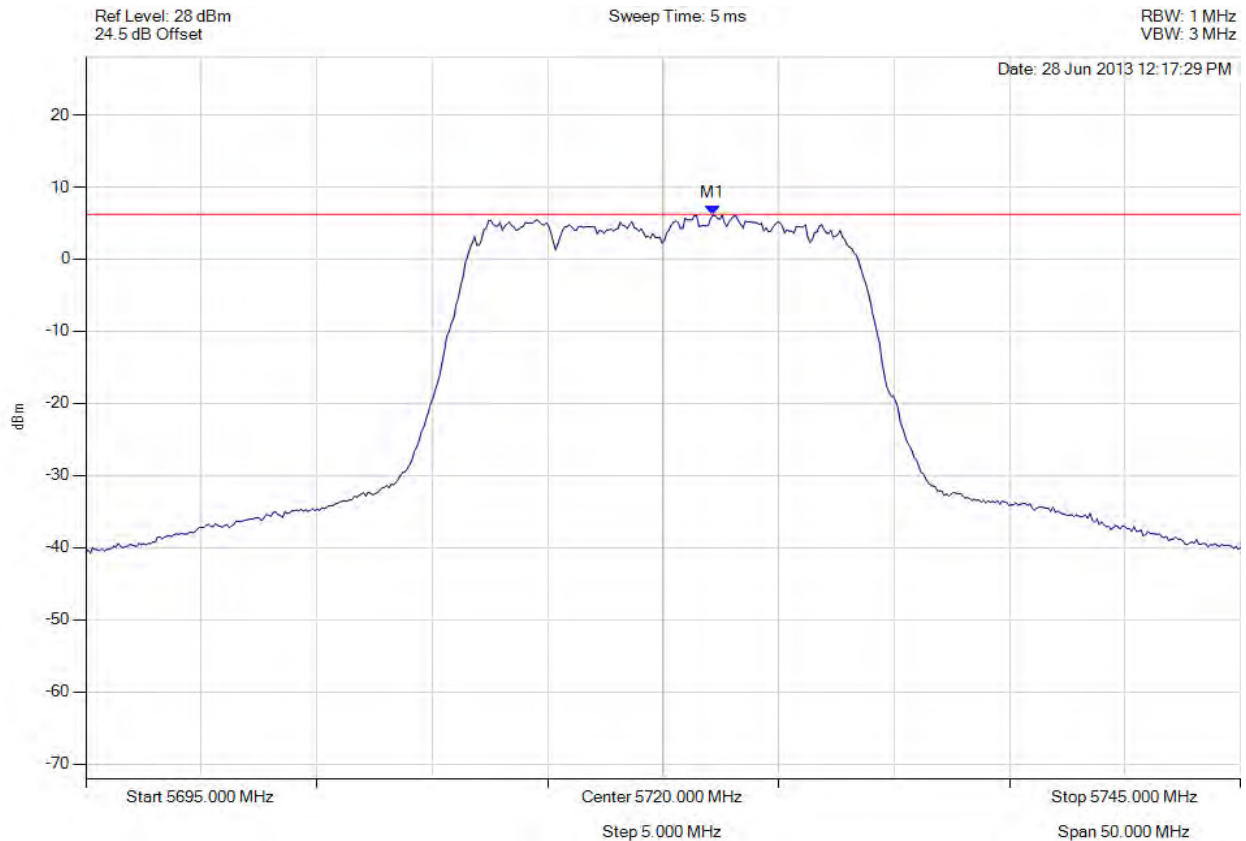


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 319 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5720.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5722.154 MHz : 6.103 dBm	Limit: ≤ 6.200 dBm Margin: -0.10 dB

[Back to the Matrix](#)

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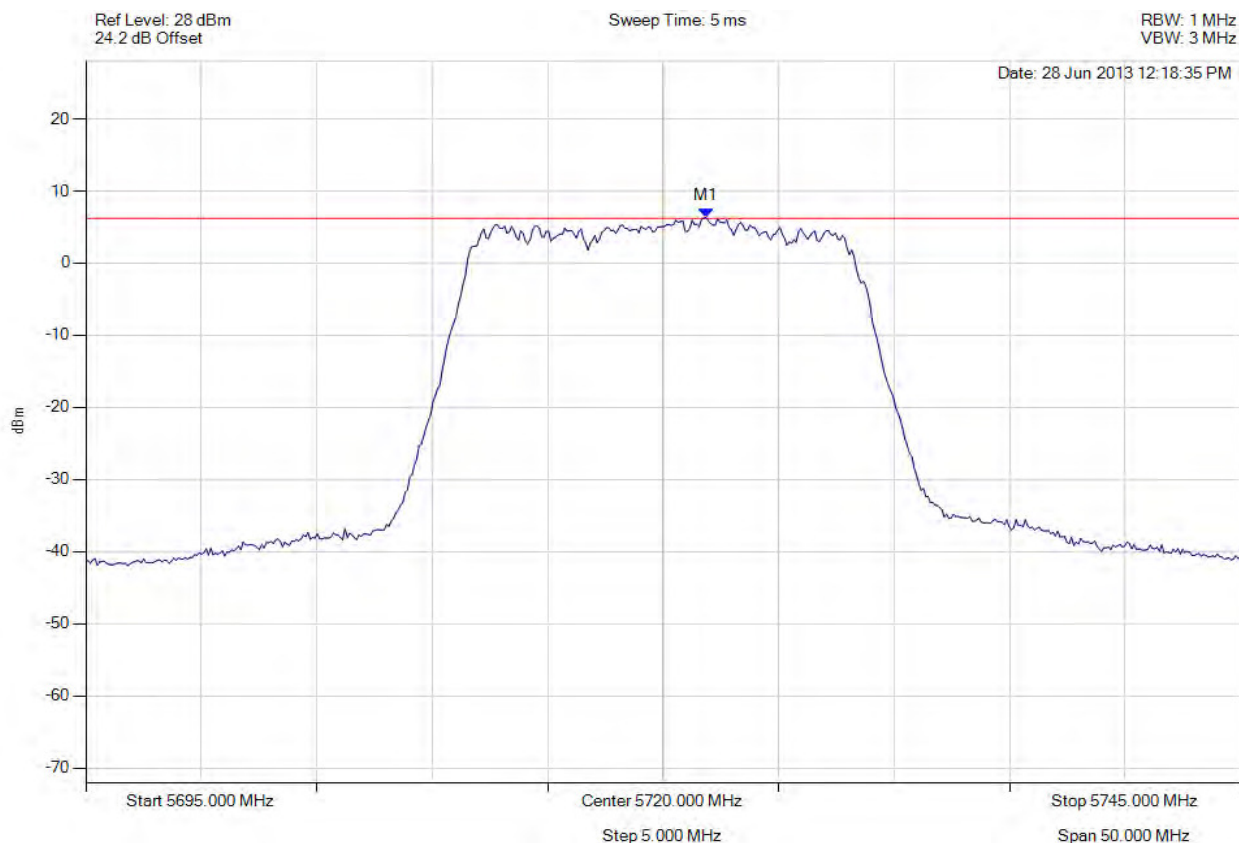


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 320 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11a, Channel: 5720.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5721.854 MHz : 6.355 dBm	Limit: ≤ 6.200 dBm Margin: 0.16 dB

[Back to the Matrix](#)

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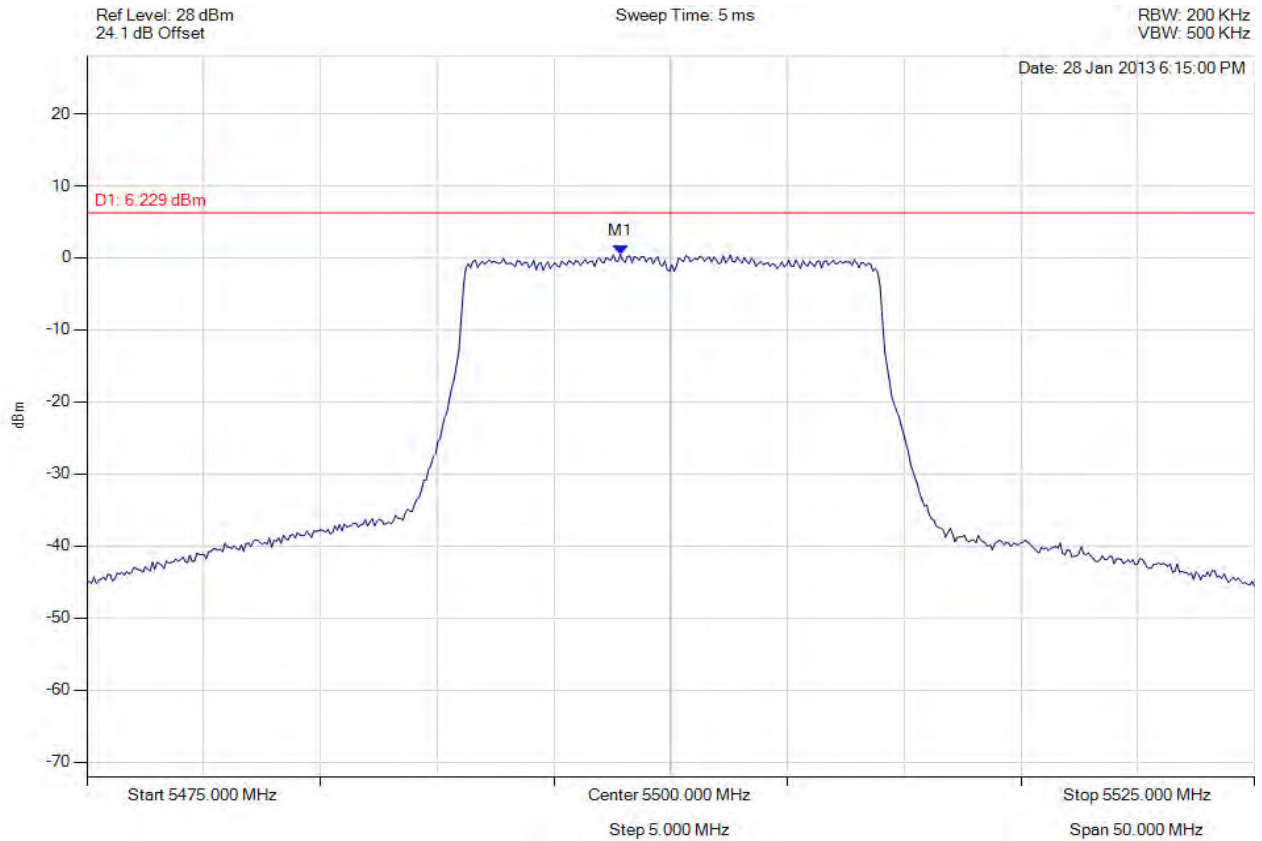


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 321 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5500.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5497.846 MHz : 0.546 dBm	Limit: ≤ 6.229 dBm Margin: -5.68 dB

[Back to the Matrix](#)

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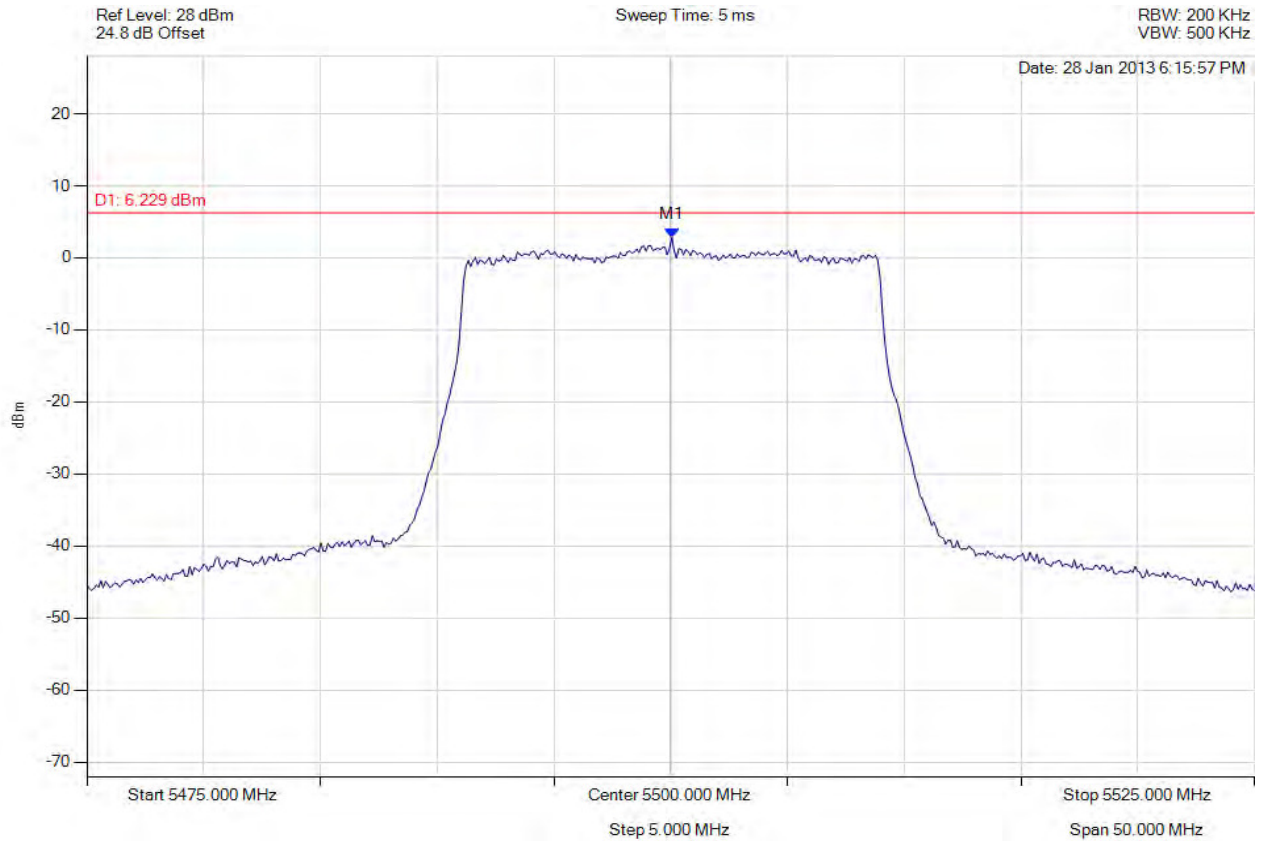


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 322 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5500.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5500.050 MHz : 2.885 dBm	Limit: ≤ 6.229 dBm Margin: -3.34 dB

[Back to the Matrix](#)

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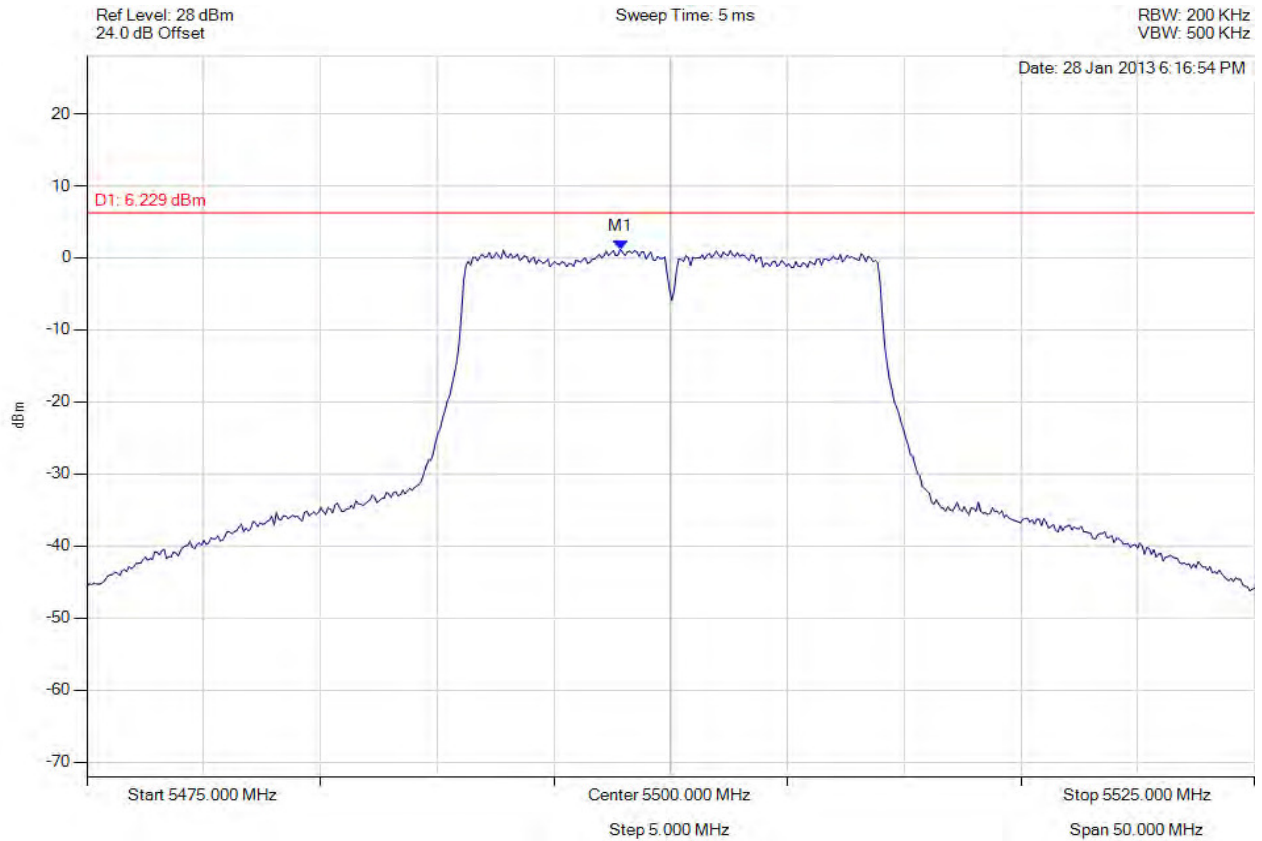


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 323 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5500.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5497.846 MHz : 1.213 dBm	Limit: ≤ 6.229 dBm Margin: -5.02 dB

[Back to the Matrix](#)

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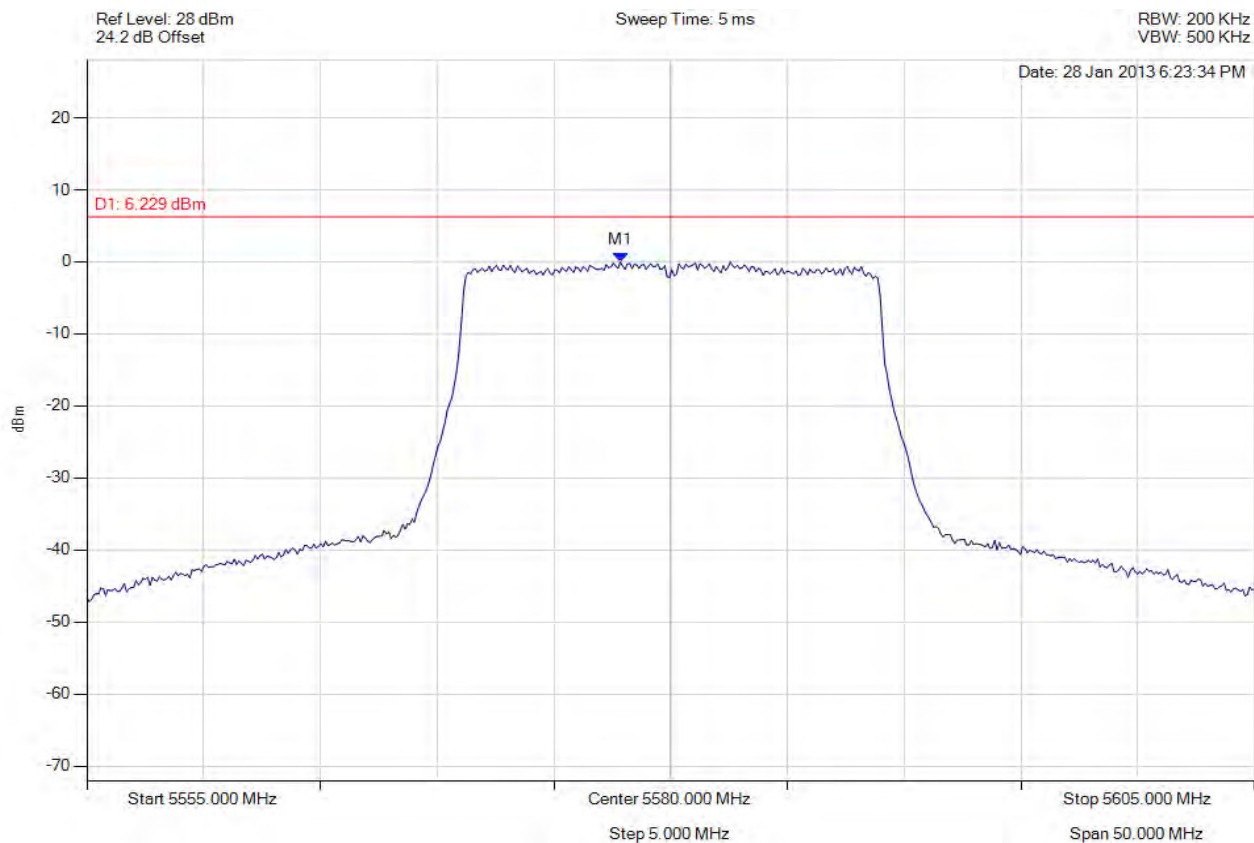


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 324 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5580.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5577.846 MHz : -0.018 dBm	Limit: ≤ 6.229 dBm Margin: -6.25 dB

[Back to the Matrix](#)

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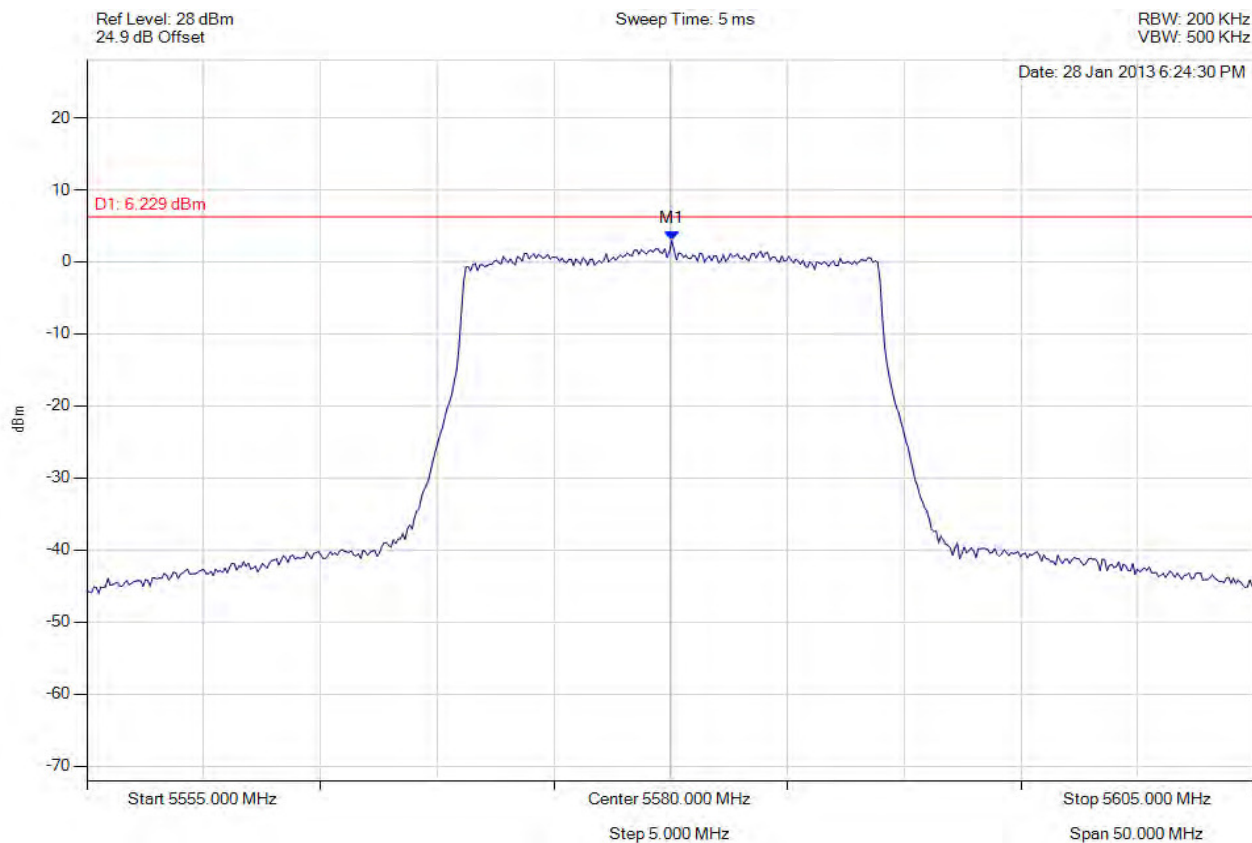


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 325 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5580.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5580.050 MHz : 2.953 dBm	Limit: ≤ 6.229 dBm Margin: -3.28 dB

[Back to the Matrix](#)

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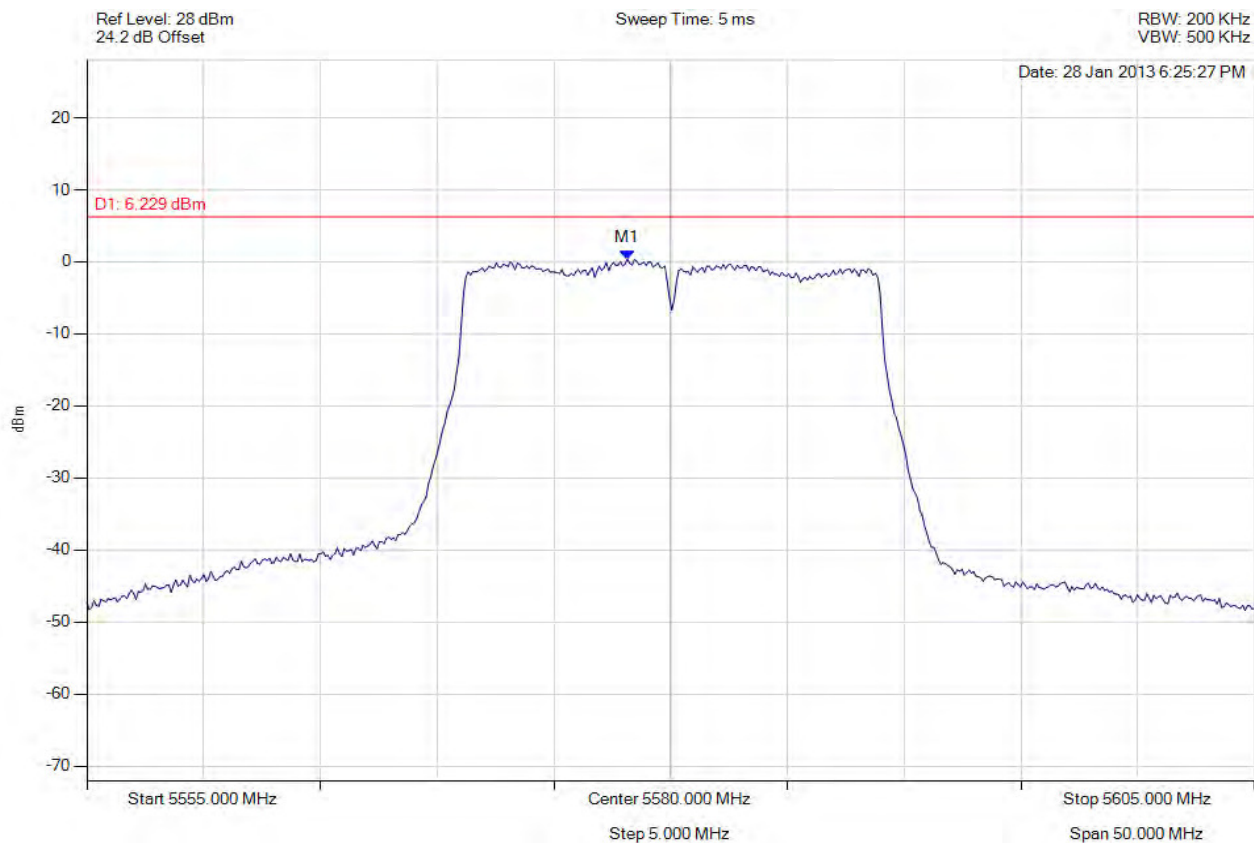


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 326 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5580.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5578.146 MHz : 0.358 dBm	Limit: ≤ 6.229 dBm Margin: -5.87 dB

[Back to the Matrix](#)

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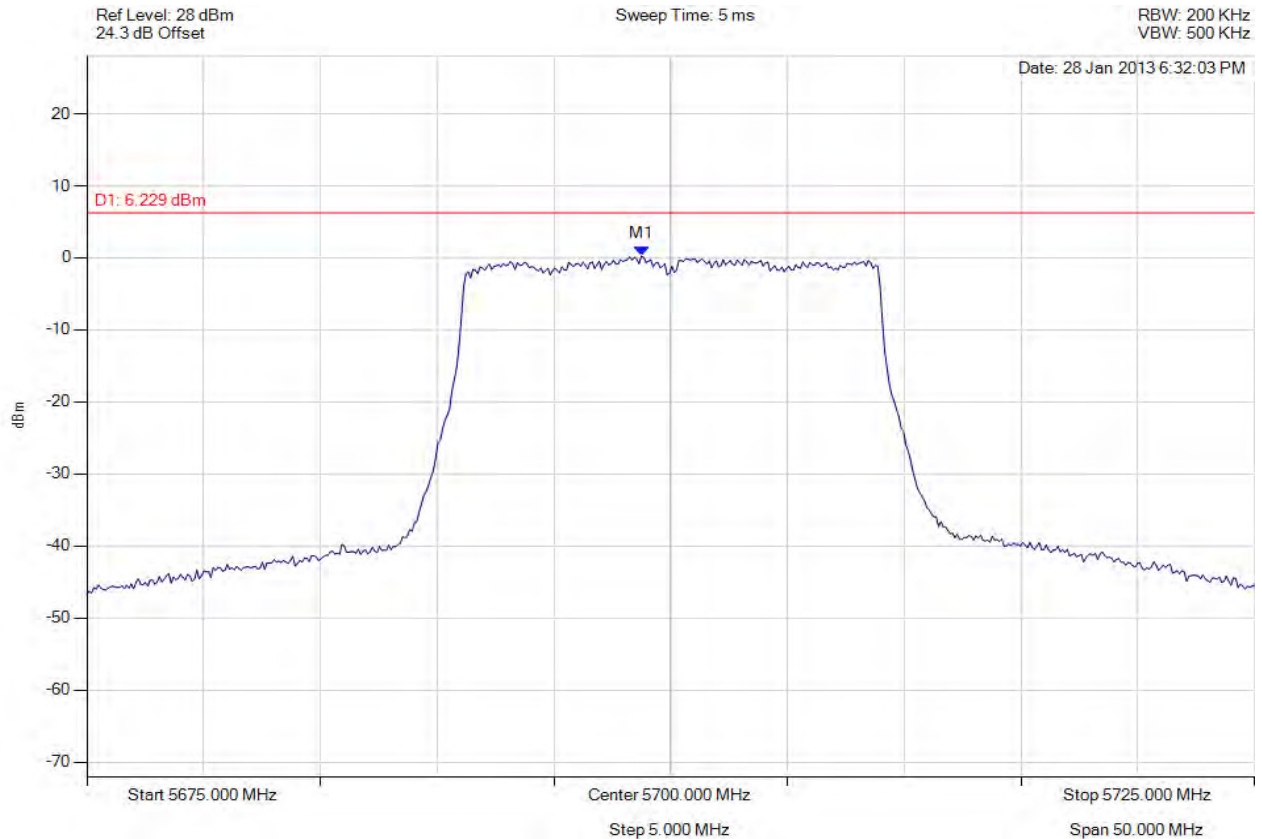


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 327 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5700.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5698.747 MHz : 0.259 dBm	Limit: ≤ 6.229 dBm Margin: -5.97 dB

[Back to the Matrix](#)

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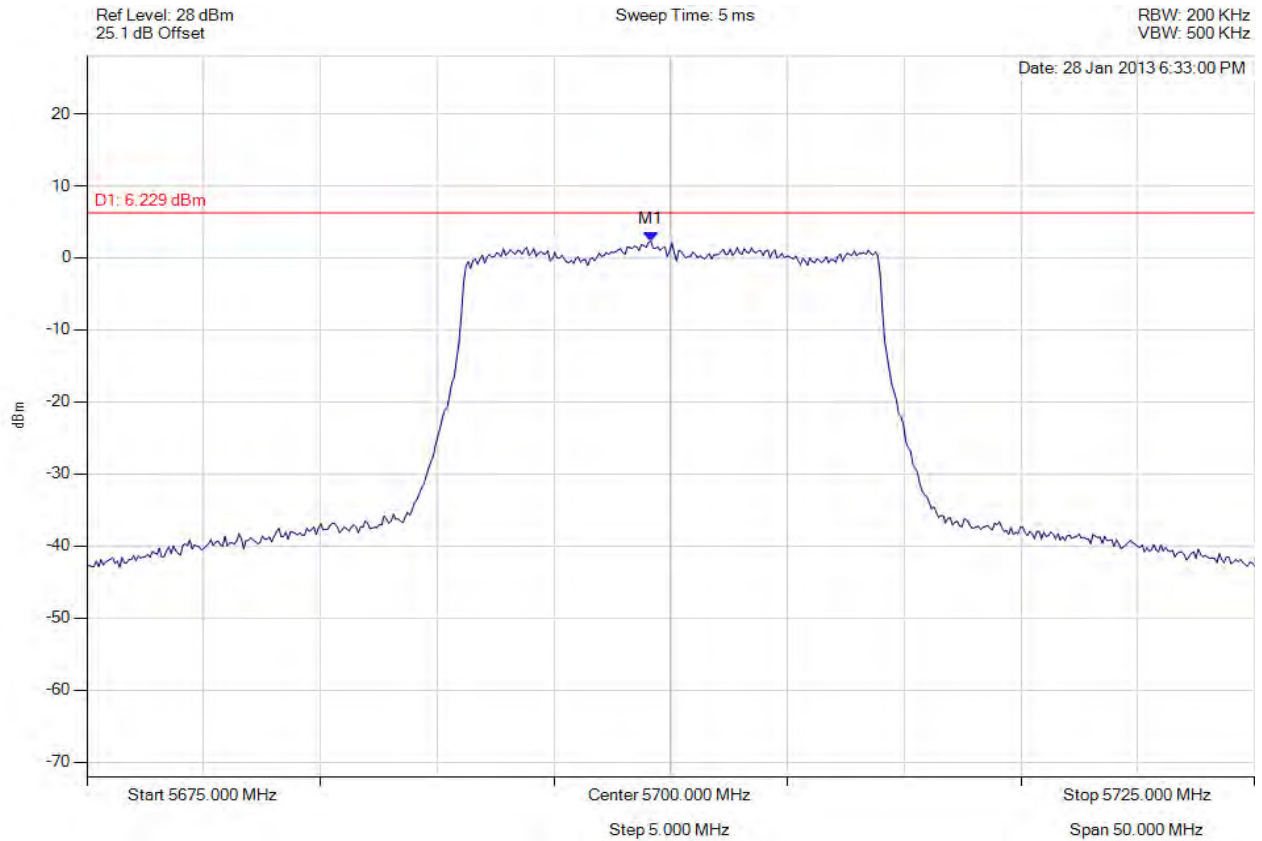


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 328 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5700.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5699.148 MHz : 2.351 dBm	Limit: ≤ 6.229 dBm Margin: -3.88 dB

[Back to the Matrix](#)

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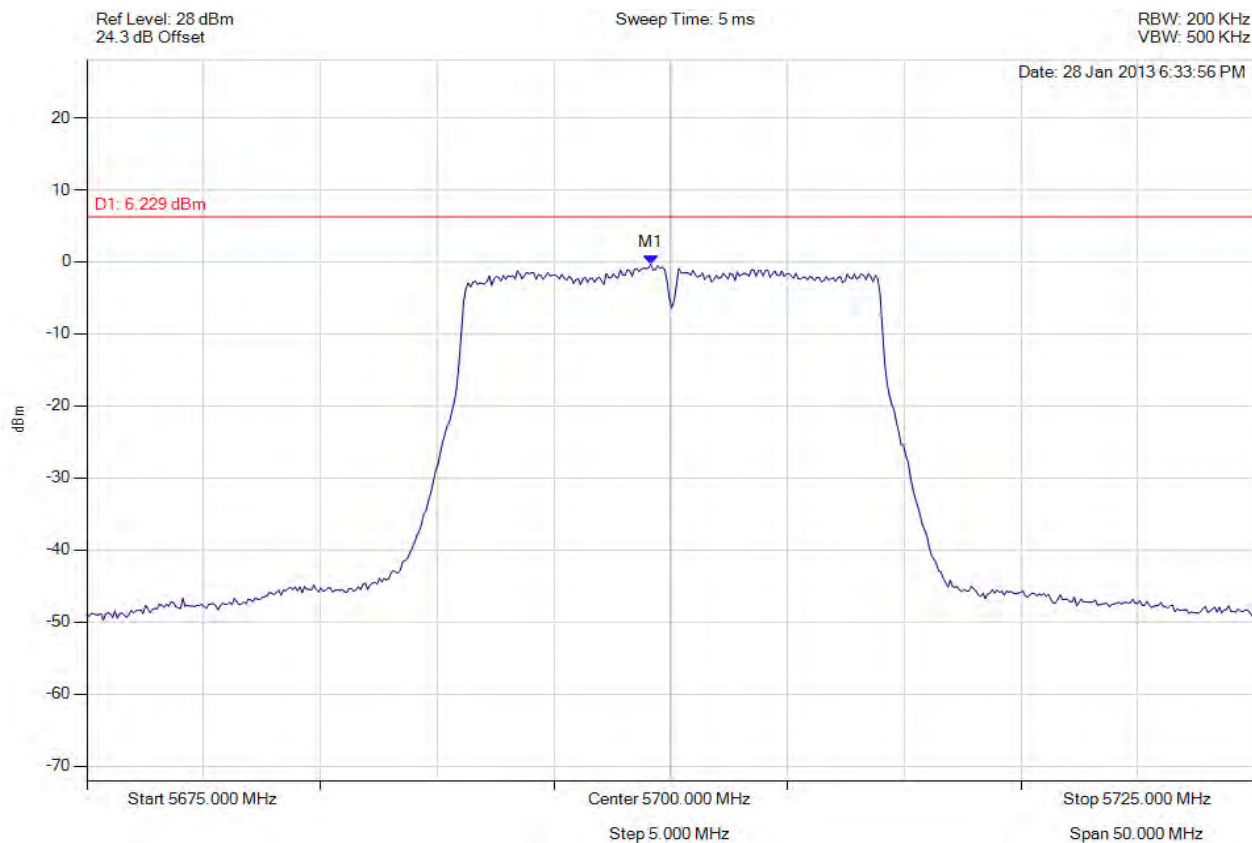


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 329 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5700.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5699.148 MHz : -0.315 dBm	Limit: ≤ 6.229 dBm Margin: -6.54 dB

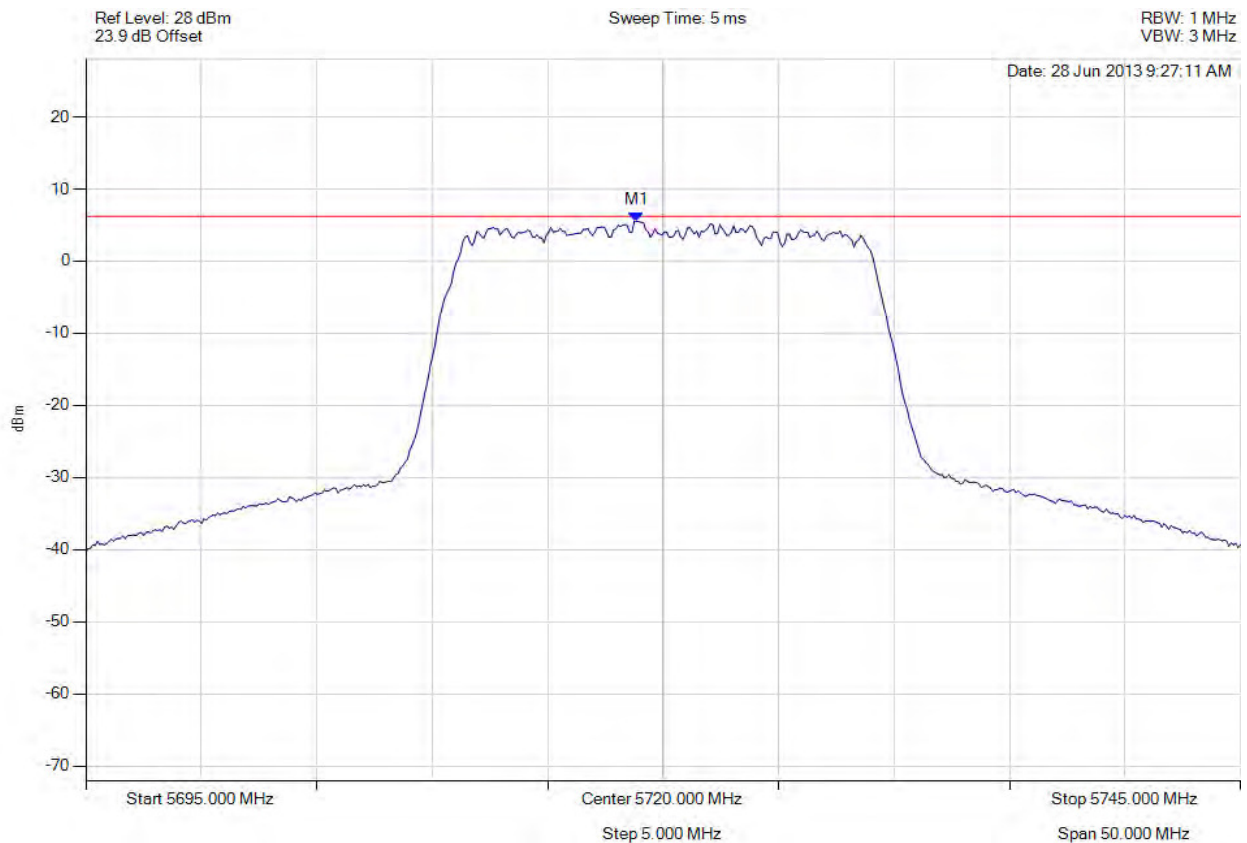
[Back to the Matrix](#)

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PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5720.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5718.848 MHz : 5.521 dBm	Limit: ≤ 6.200 dBm Margin: -0.68 dB

[Back to the Matrix](#)

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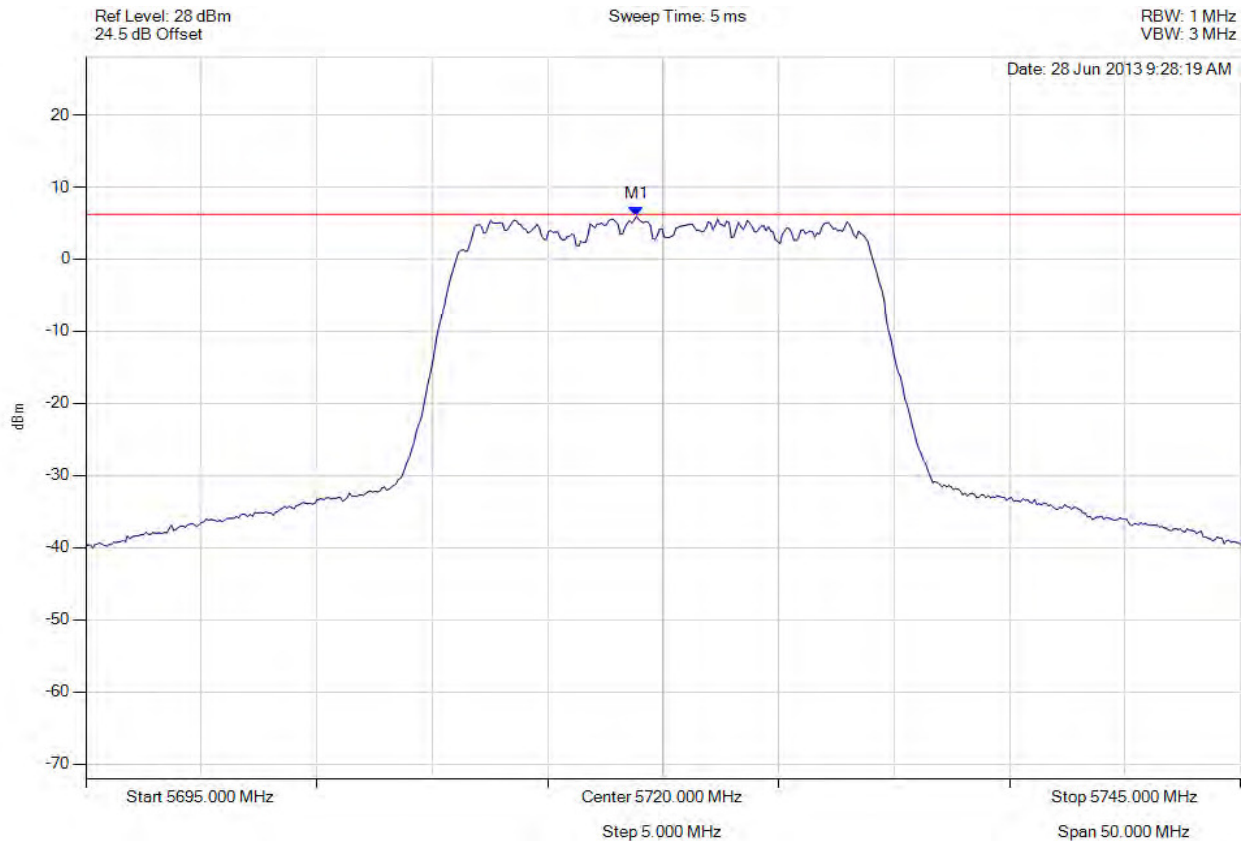


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 331 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5720.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5718.848 MHz : 5.929 dBm	Limit: ≤ 6.200 dBm Margin: -0.27 dB

[Back to the Matrix](#)

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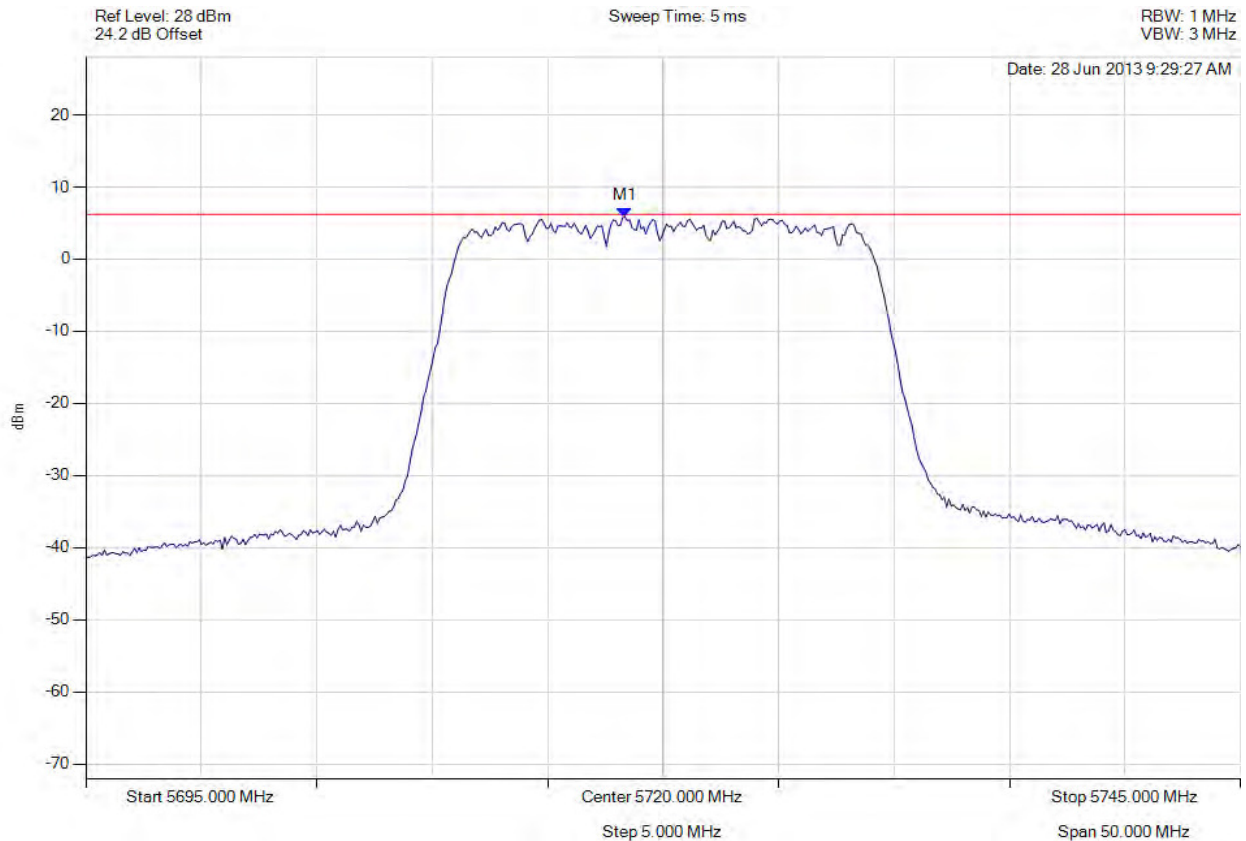


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 332 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-20, Channel: 5720.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5718.347 MHz : 5.860 dBm	Limit: ≤ 6.200 dBm Margin: -0.34 dB

[Back to the Matrix](#)

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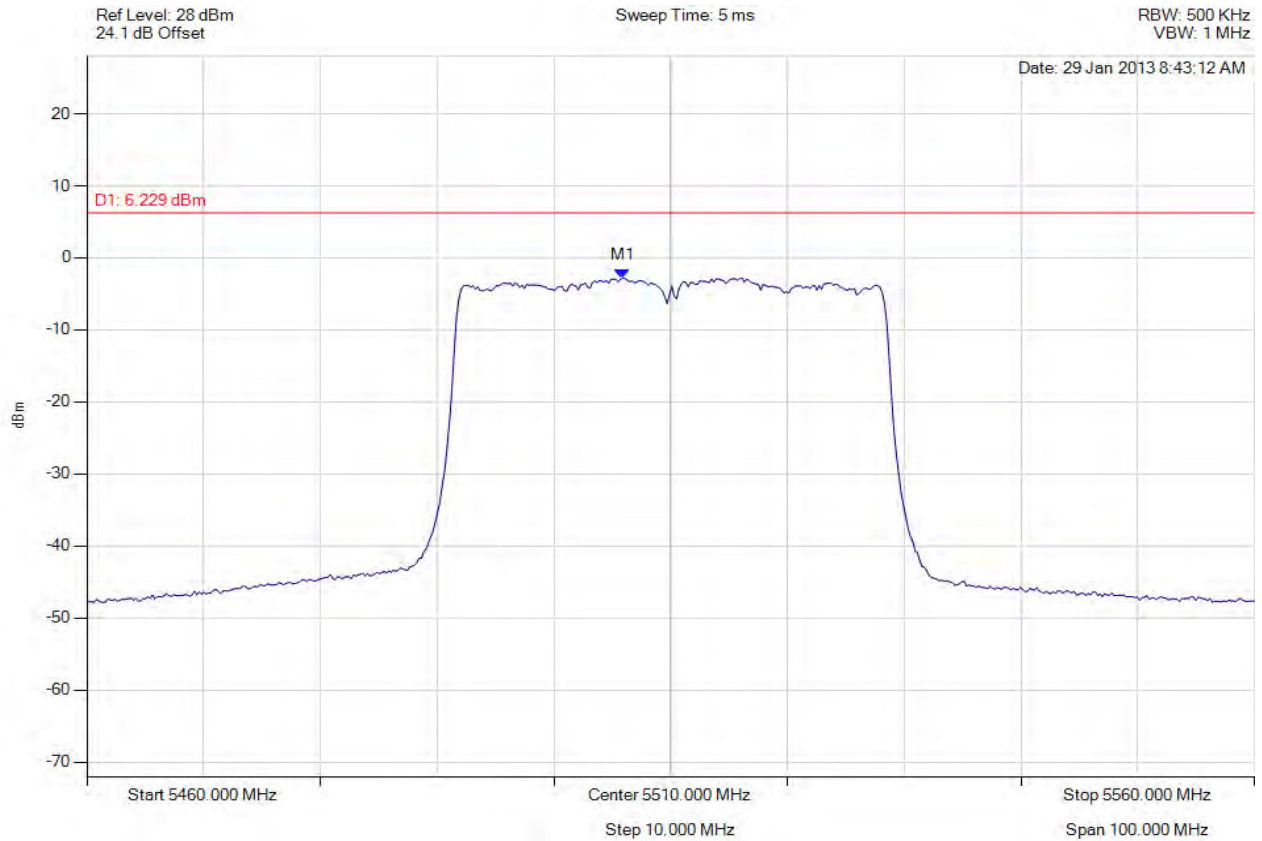


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 333 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5510.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5505.892 MHz : -2.793 dBm	Limit: ≤ 6.229 dBm Margin: -9.02 dB

[Back to the Matrix](#)

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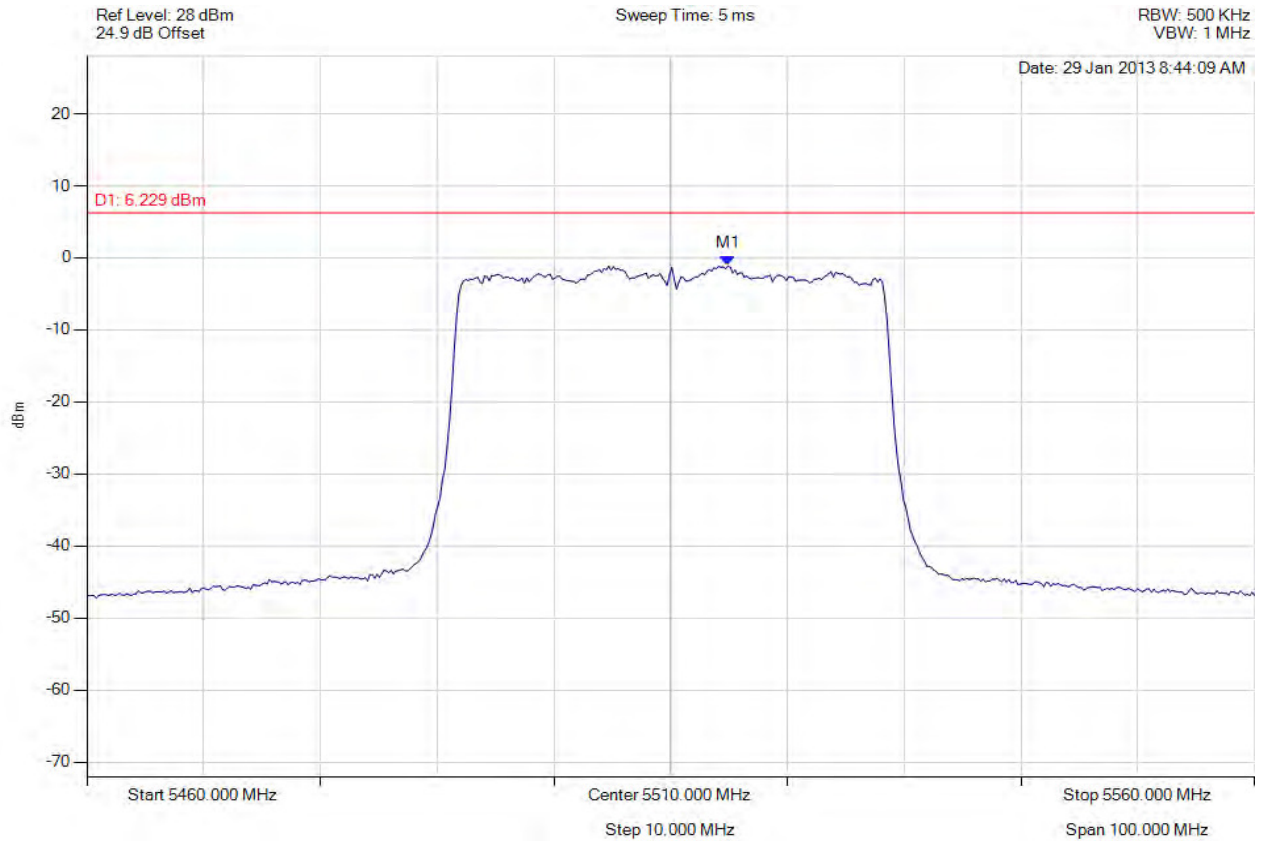


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 334 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5510.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5514.910 MHz : -1.107 dBm	Limit: ≤ 6.229 dBm Margin: -7.34 dB

[Back to the Matrix](#)

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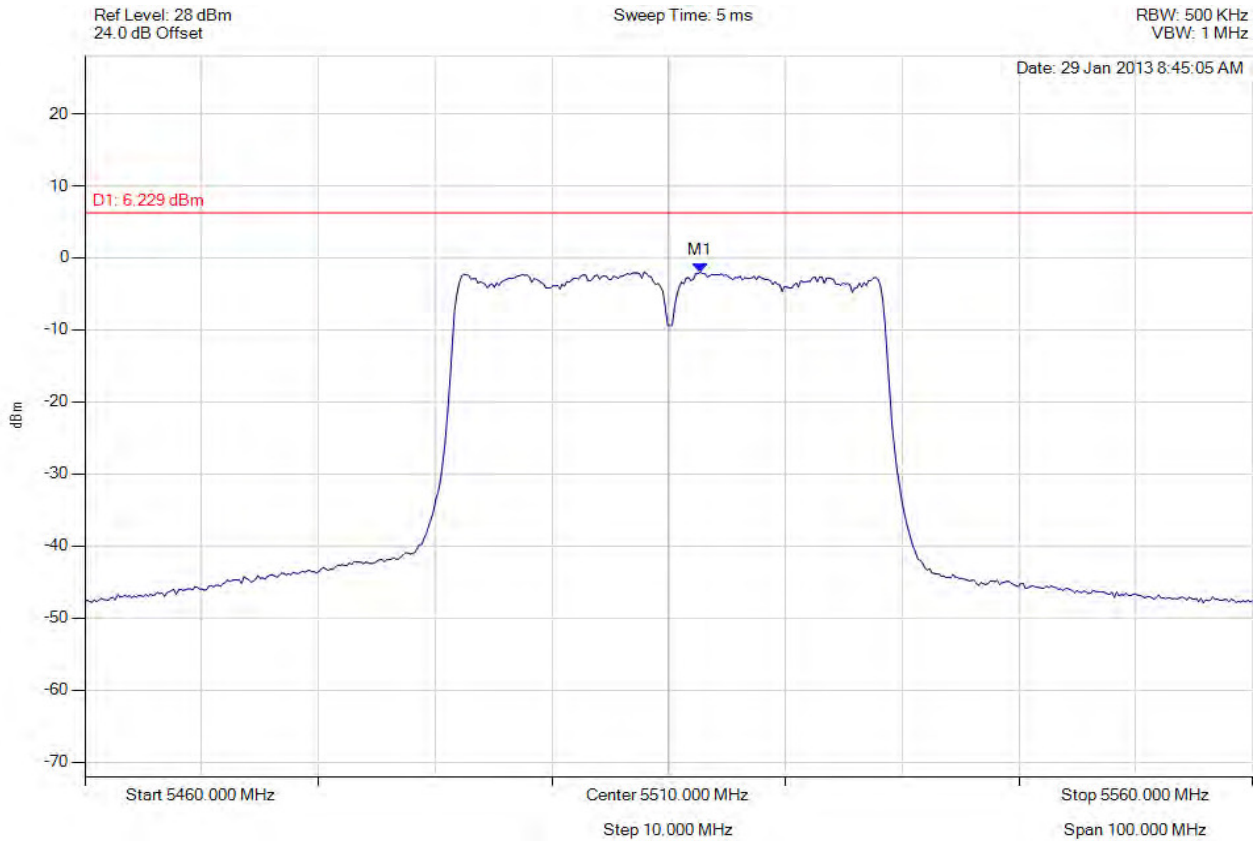


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 335 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5510.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5512.705 MHz : -1.989 dBm	Limit: ≤ 6.229 dBm Margin: -8.22 dB

[Back to the Matrix](#)

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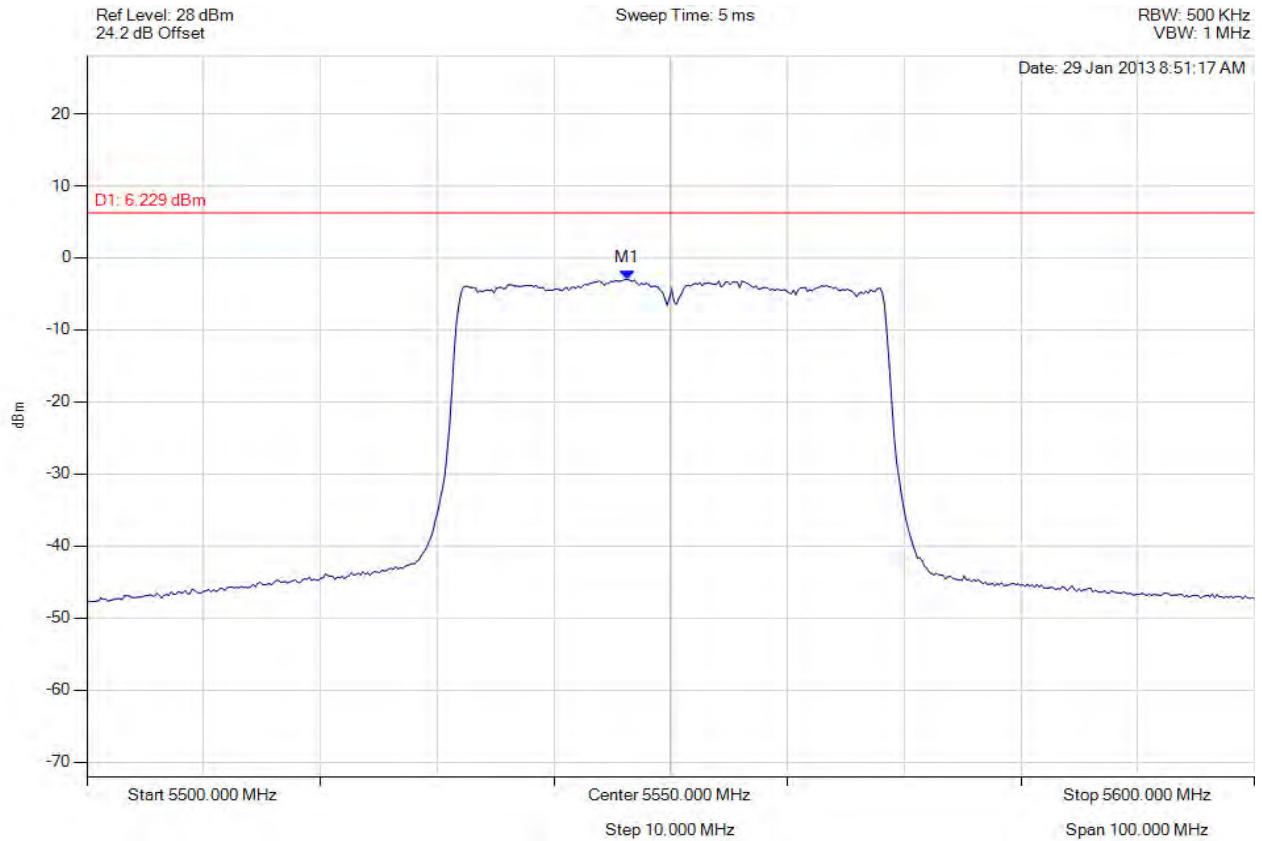


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 336 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5550.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5546.293 MHz : -2.991 dBm	Limit: ≤ 6.229 dBm Margin: -9.22 dB

[Back to the Matrix](#)

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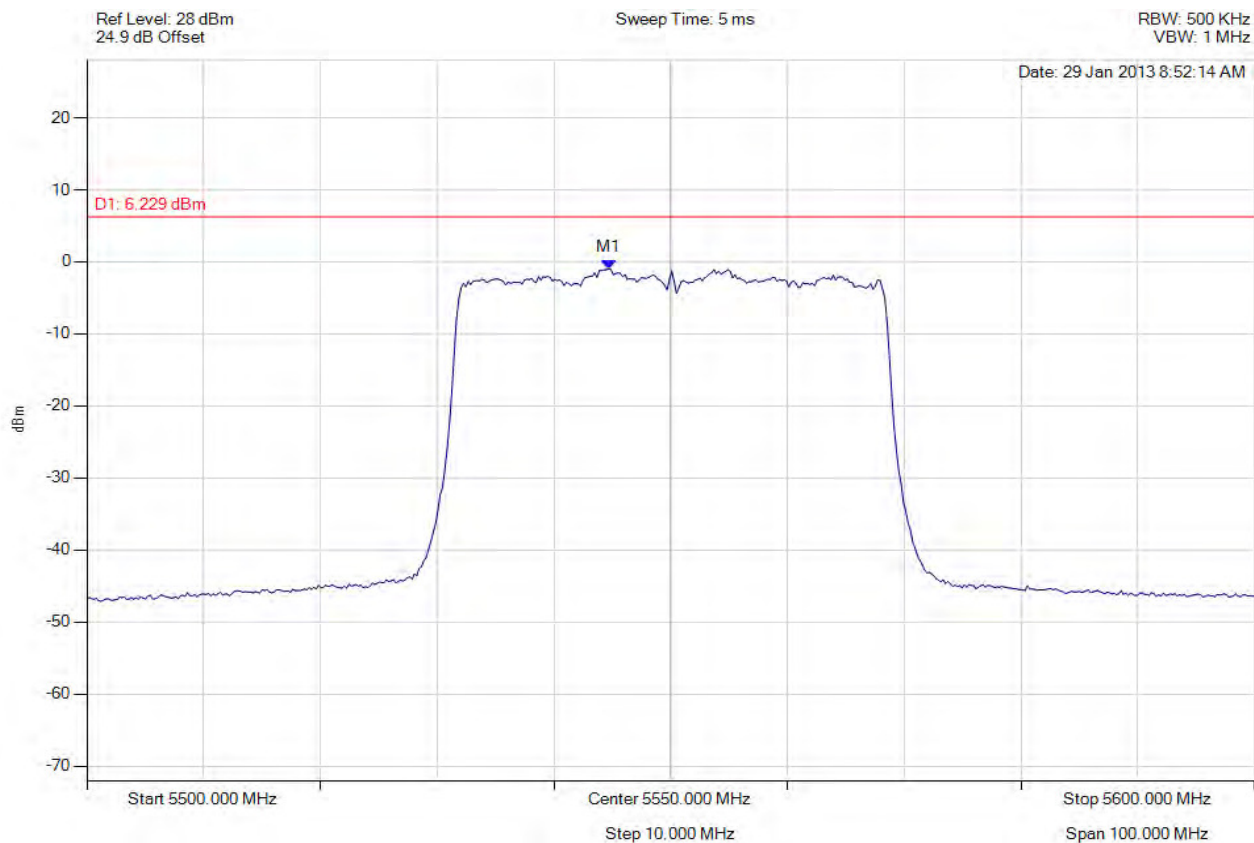


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 337 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5550.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5544.689 MHz : -0.979 dBm	Limit: ≤ 6.229 dBm Margin: -7.21 dB

[Back to the Matrix](#)

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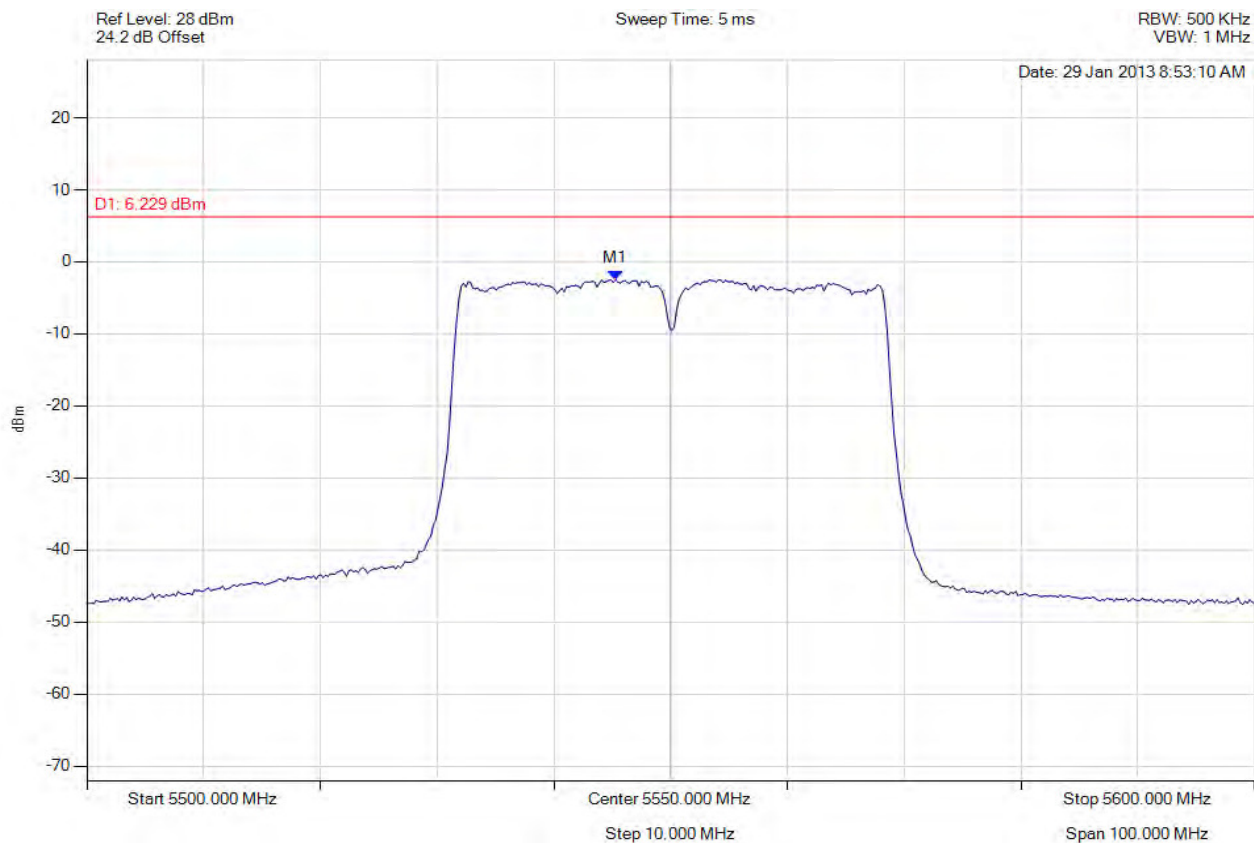


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 338 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5550.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5545.291 MHz : -2.470 dBm	Limit: ≤ 6.229 dBm Margin: -8.70 dB

[Back to the Matrix](#)

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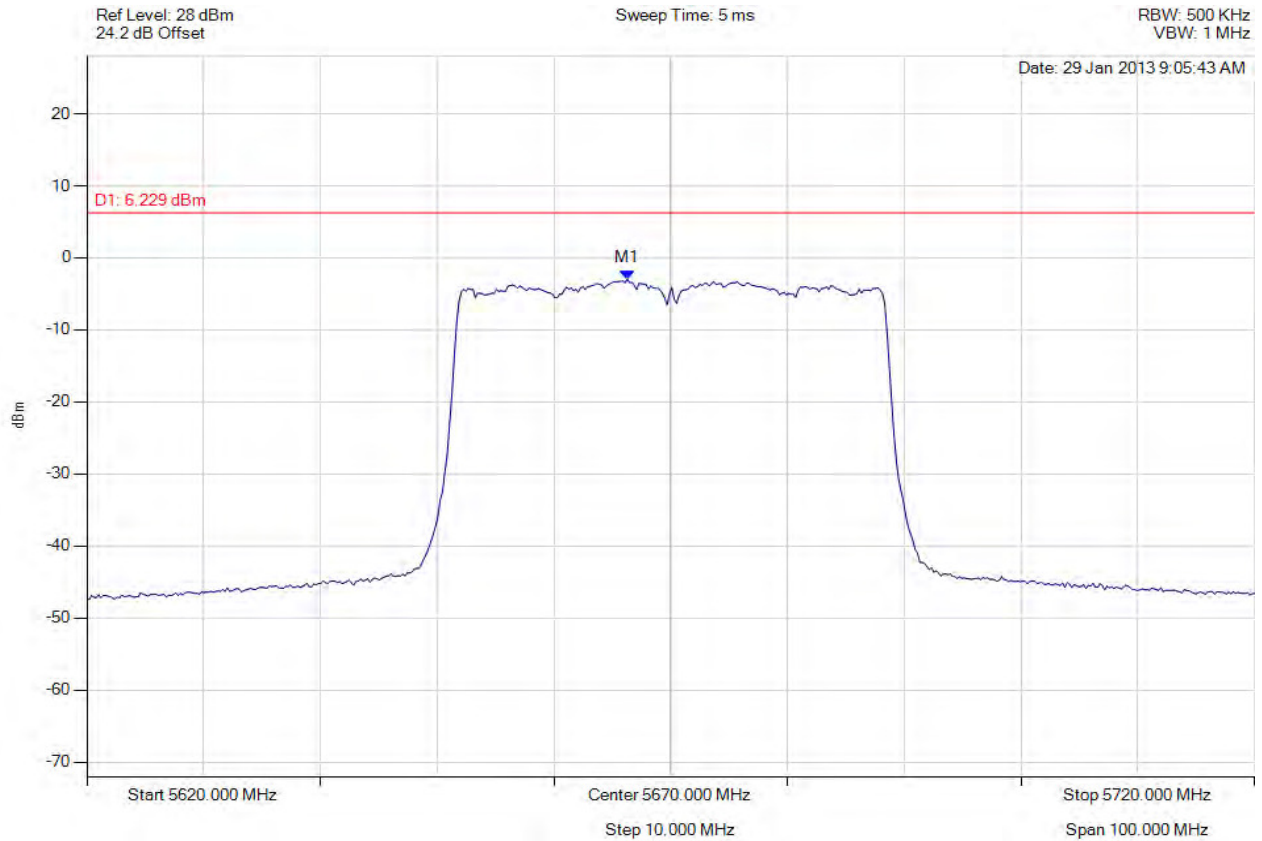


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 339 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5670.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5666.293 MHz : -2.968 dBm	Limit: ≤ 6.229 dBm Margin: -9.20 dB

[Back to the Matrix](#)

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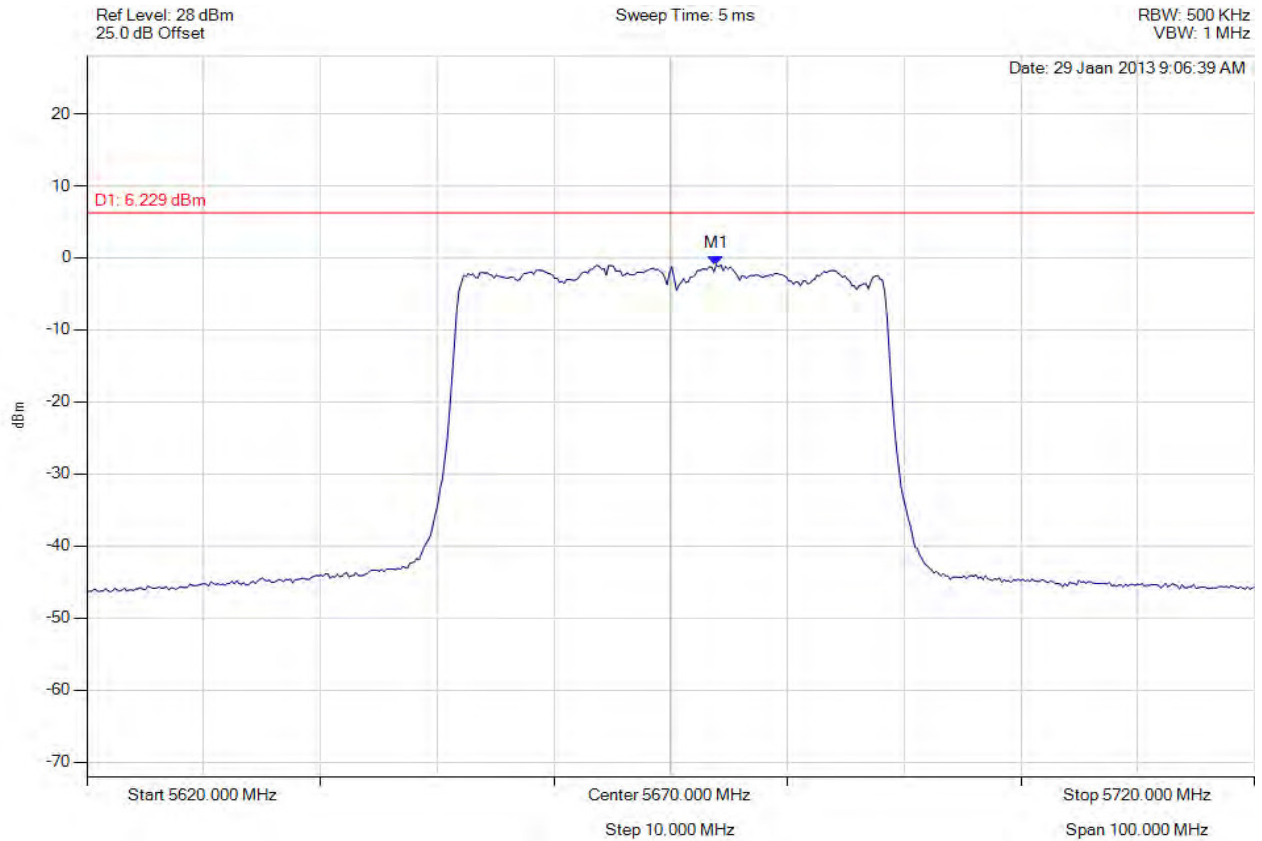


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 340 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5670.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5673.908 MHz : -0.968 dBm	Limit: ≤ 6.229 dBm Margin: -7.20 dB

[Back to the Matrix](#)

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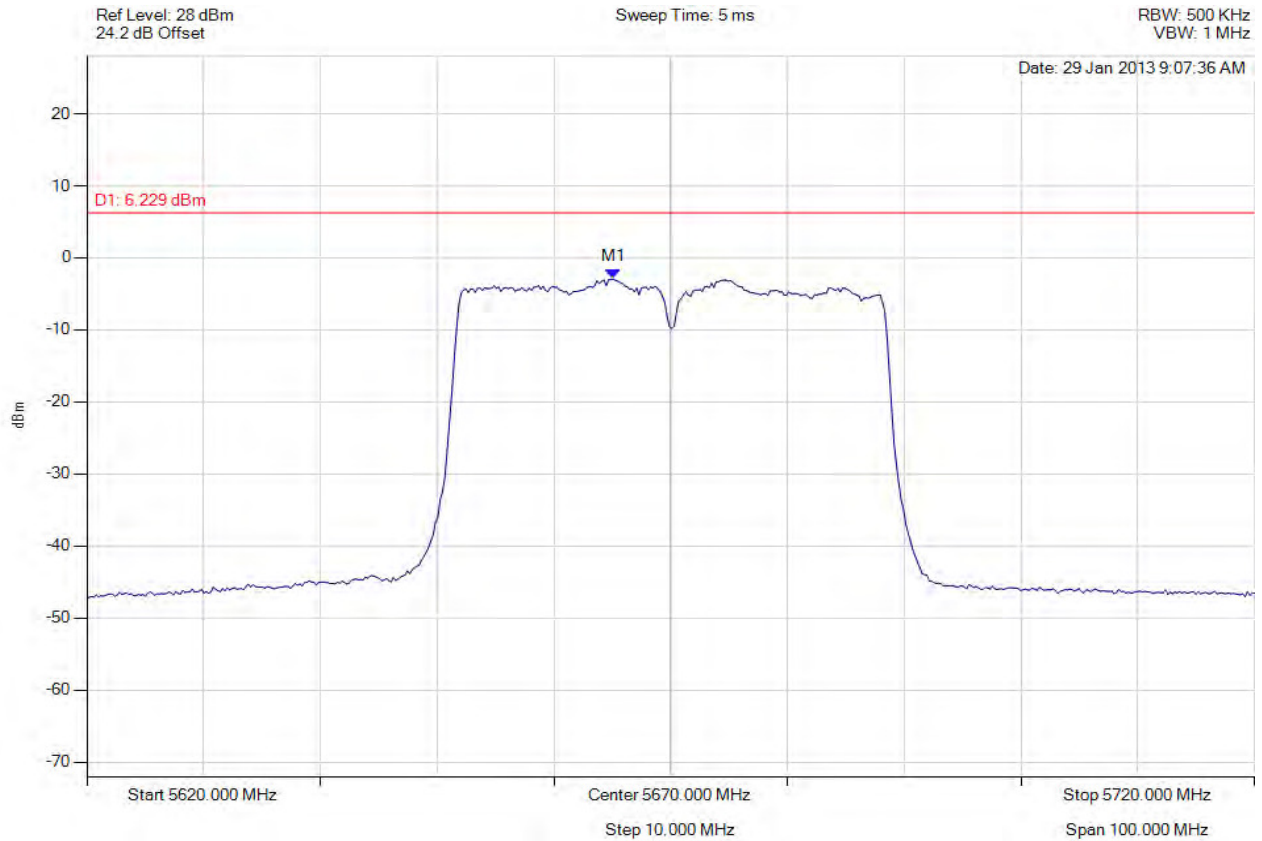


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 341 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5670.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5665.090 MHz : -2.929 dBm	Limit: ≤ 6.229 dBm Margin: -9.16 dB

[Back to the Matrix](#)

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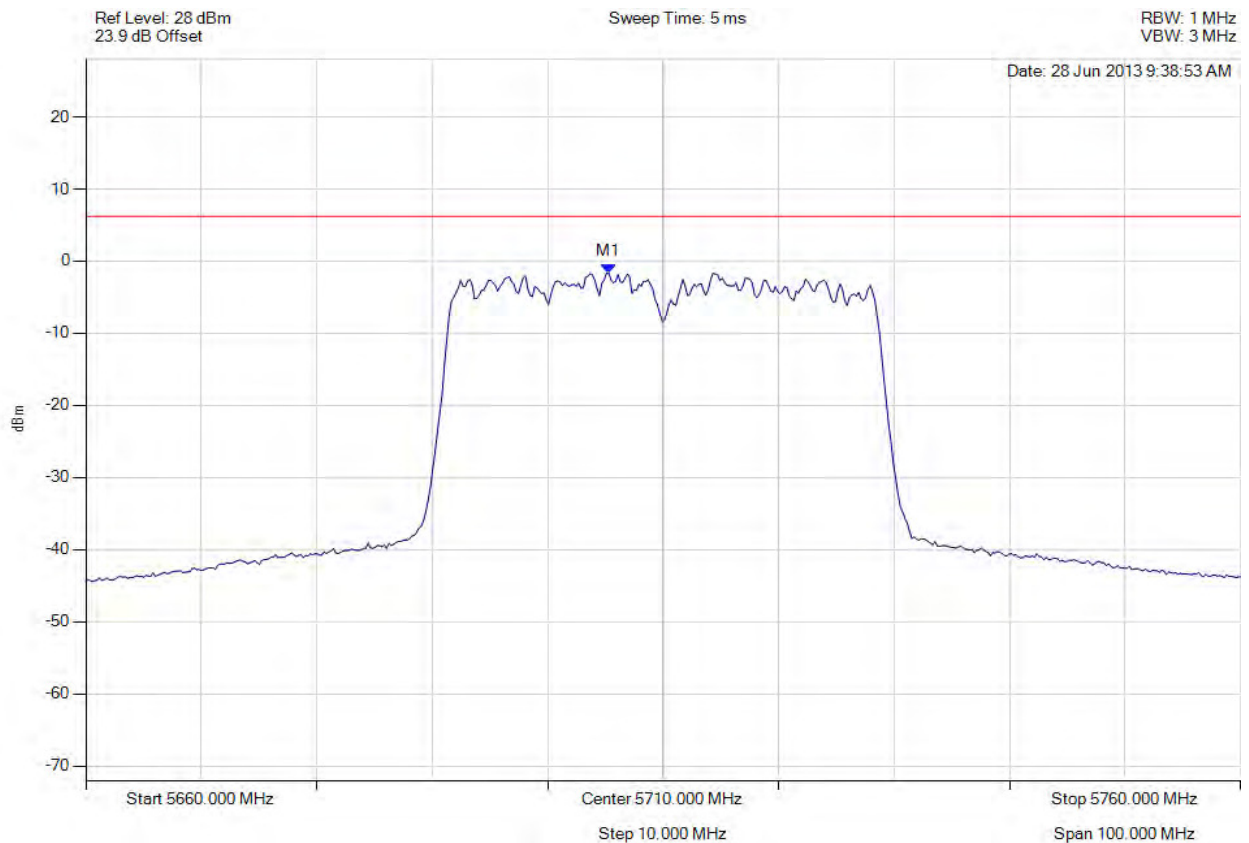


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 342 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5710.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5705.291 MHz : -1.661 dBm	Limit: ≤ 6.200 dBm Margin: 7.86 dB

[Back to the Matrix](#)

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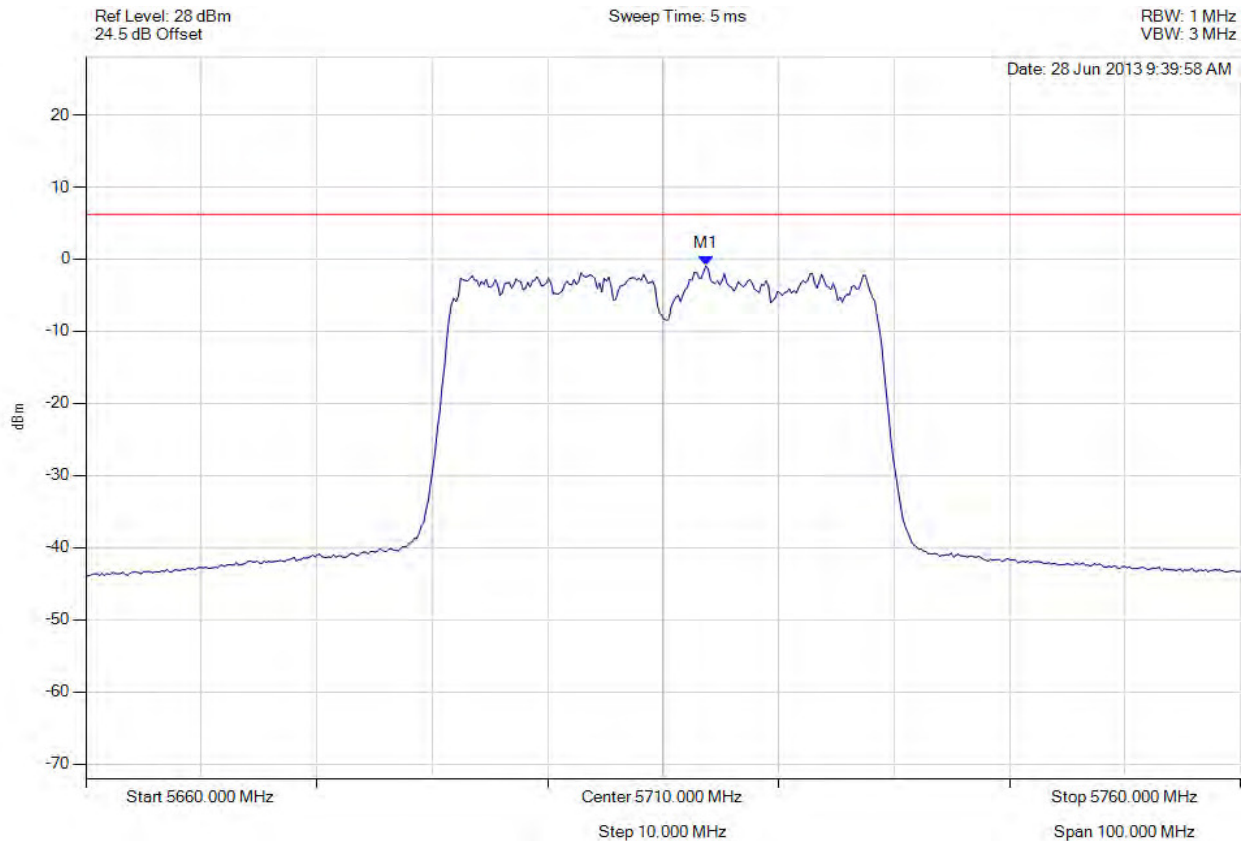


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 343 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5710.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5713.707 MHz : -0.932 dBm	Limit: ≤ 6.200 dBm Margin: 7.13 dB

[Back to the Matrix](#)

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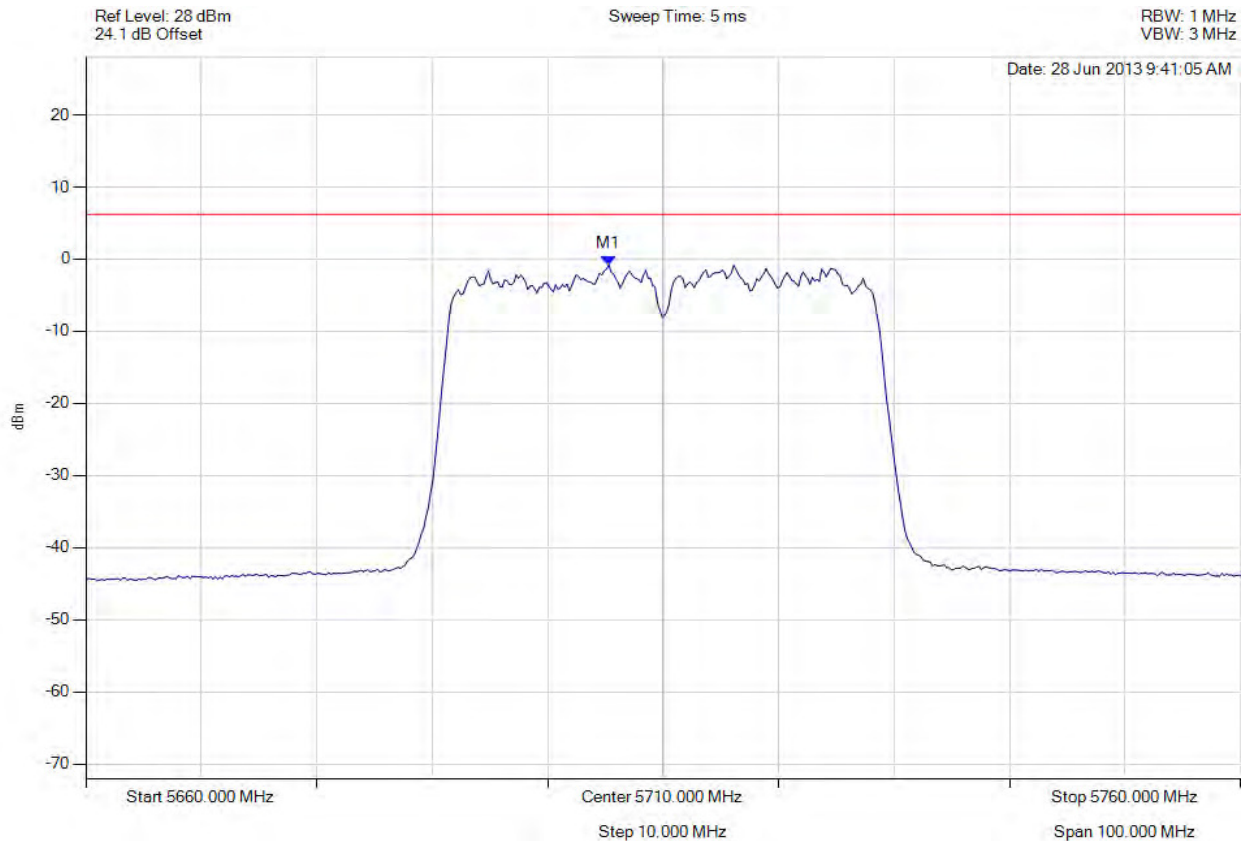


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 344 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11n HT-40, Channel: 5710.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5705.291 MHz : -0.830 dBm	Limit: ≤ 6.200 dBm Margin: 7.03 dB

[Back to the Matrix](#)

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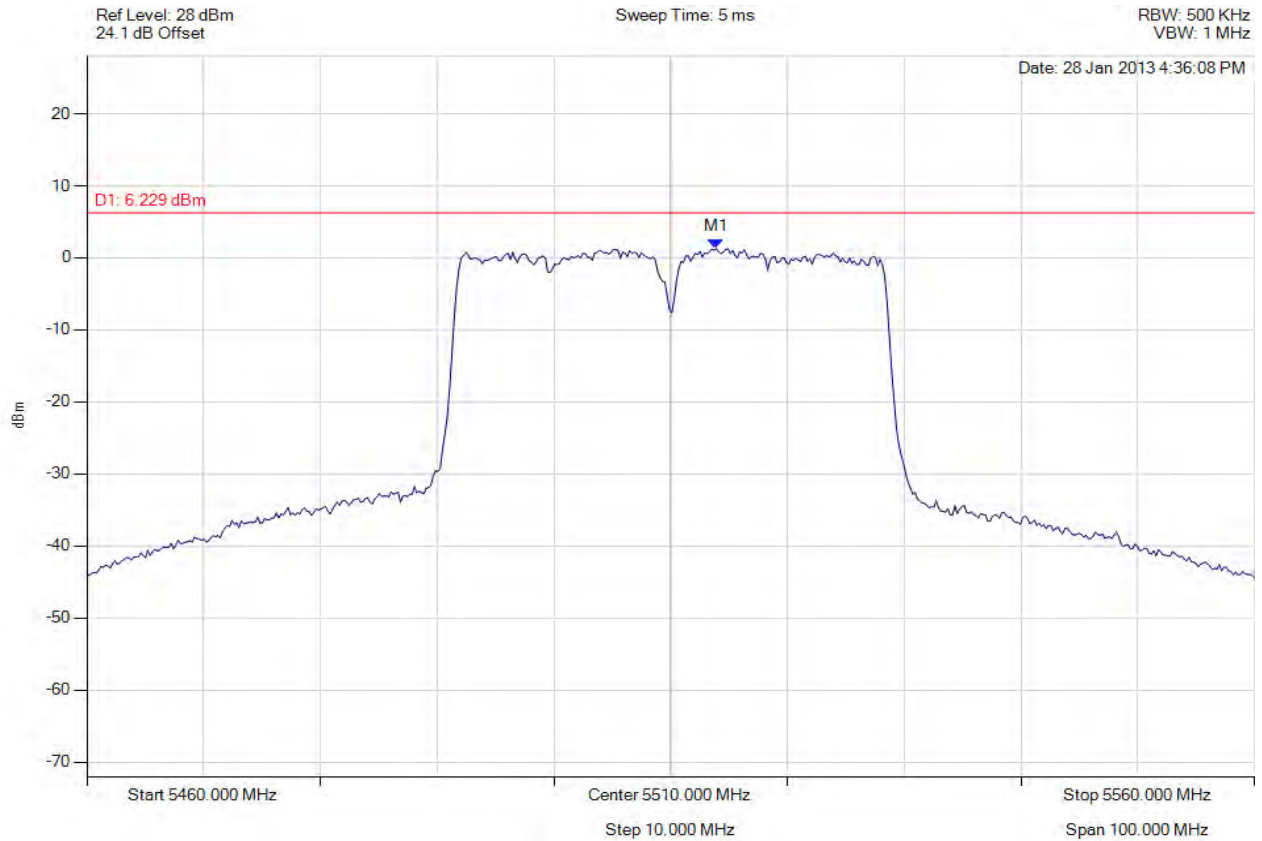


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 345 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5510.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5513.908 MHz : 1.275 dBm	Limit: ≤ 6.229 dBm Margin: -4.95 dB

[Back to the Matrix](#)

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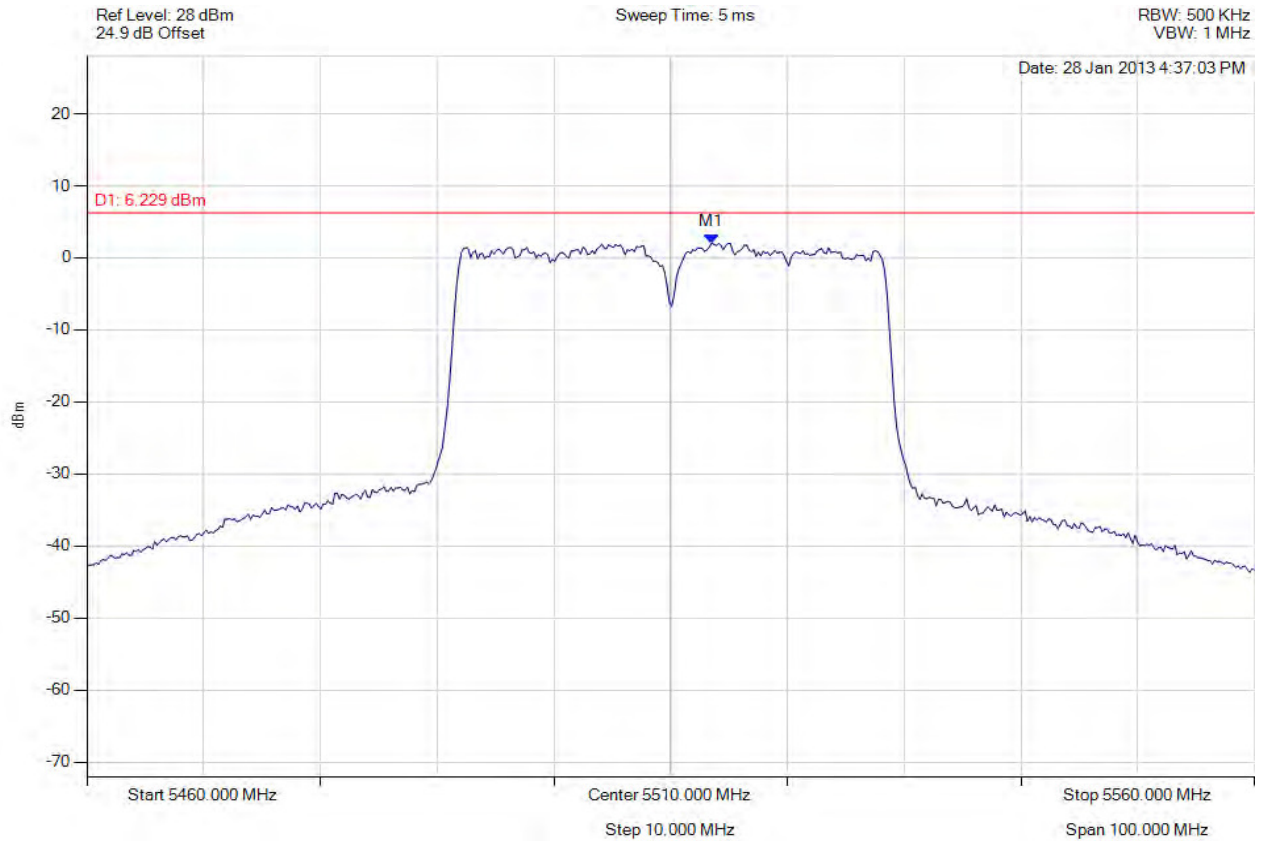


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 346 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5510.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5513.507 MHz : 2.038 dBm	Limit: ≤ 6.229 dBm Margin: -4.19 dB

[Back to the Matrix](#)

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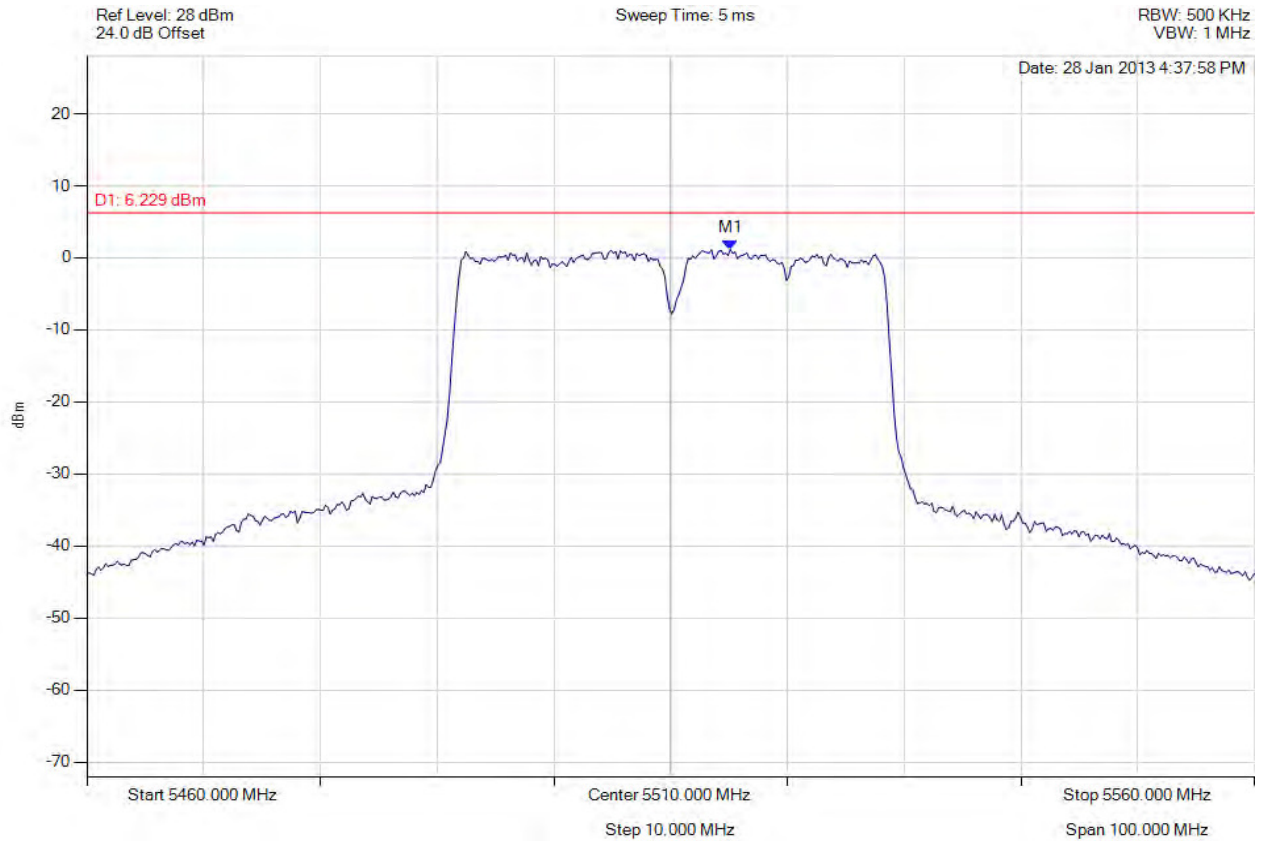


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 347 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5510.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5515.110 MHz : 1.147 dBm	Limit: ≤ 6.229 dBm Margin: -5.08 dB

[Back to the Matrix](#)

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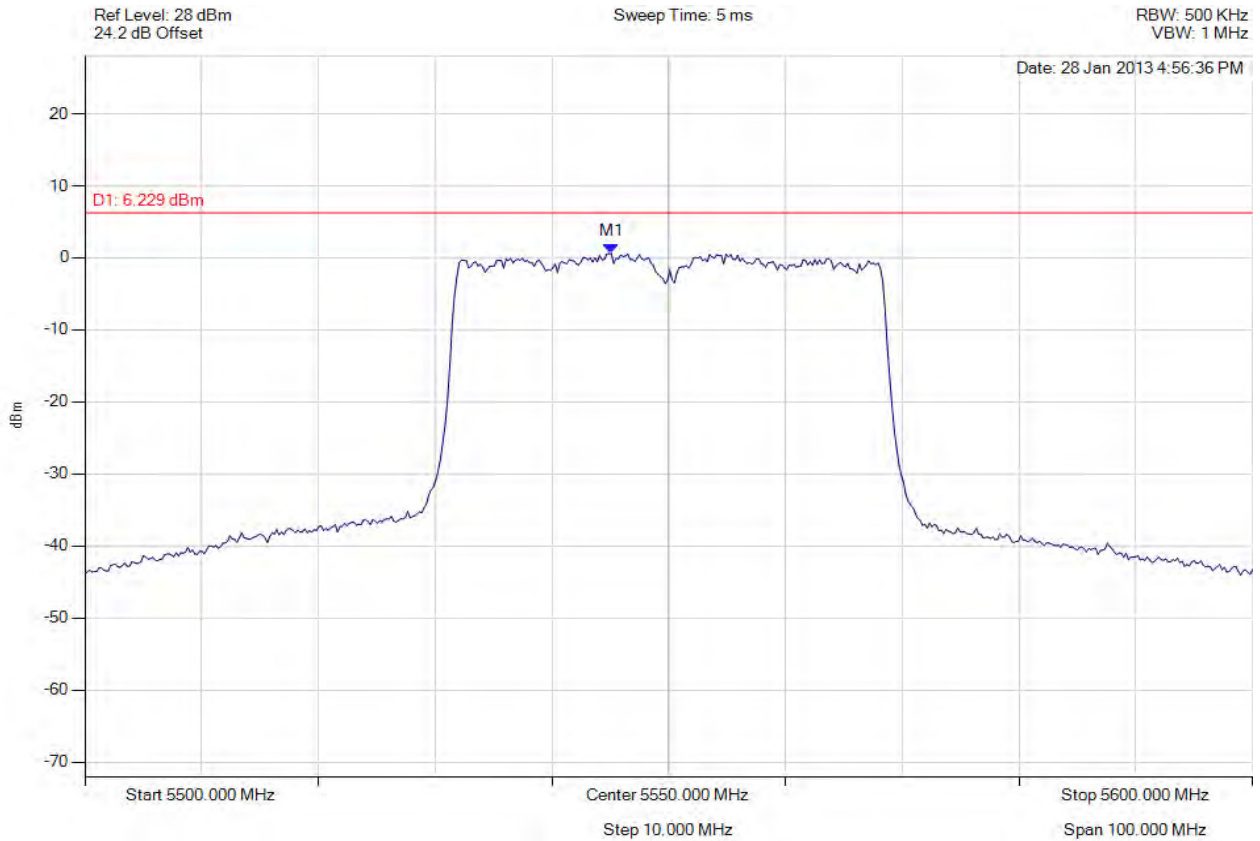


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 348 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5550.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5545.090 MHz : 0.615 dBm	Limit: ≤ 6.229 dBm Margin: -5.61 dB

[Back to the Matrix](#)

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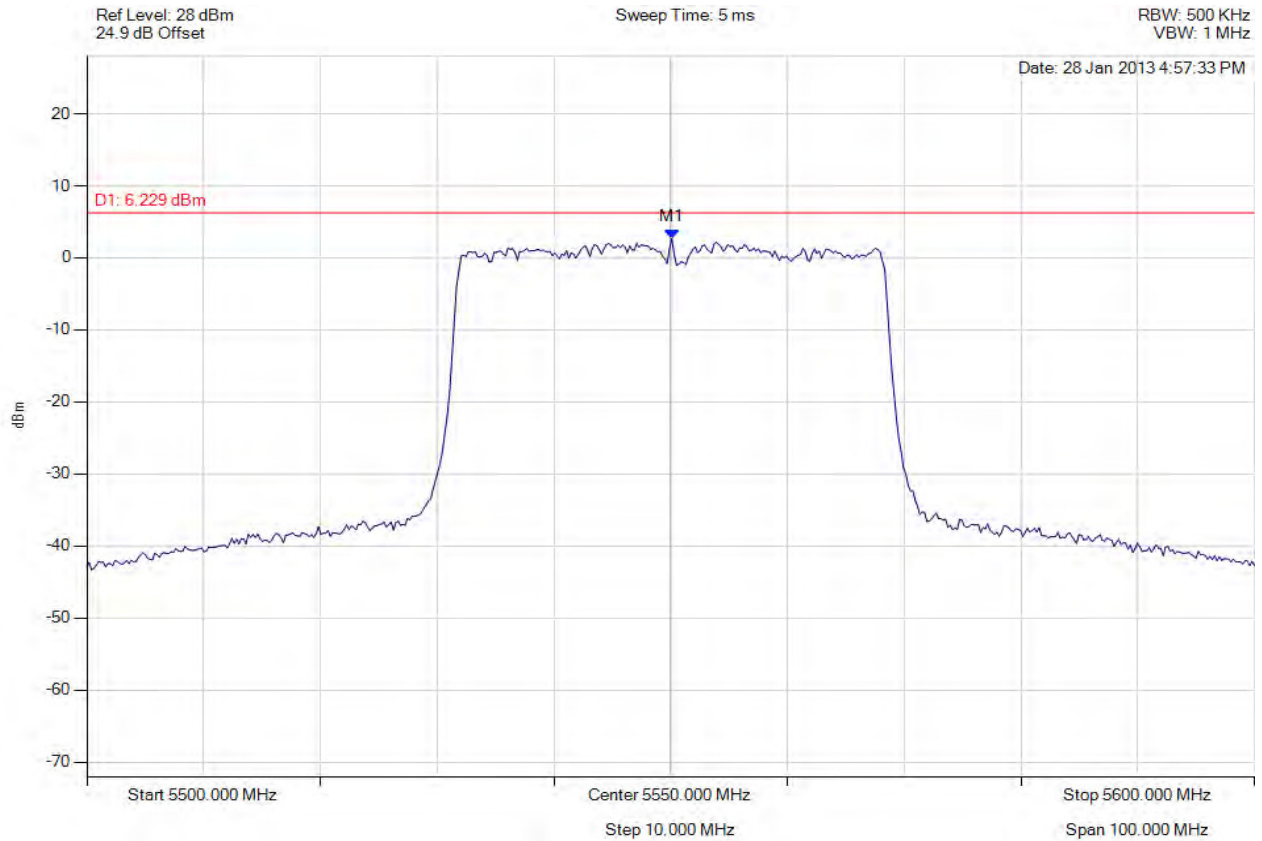


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 349 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5550.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5550.100 MHz : 2.664 dBm	Limit: ≤ 6.229 dBm Margin: -3.56 dB

[Back to the Matrix](#)

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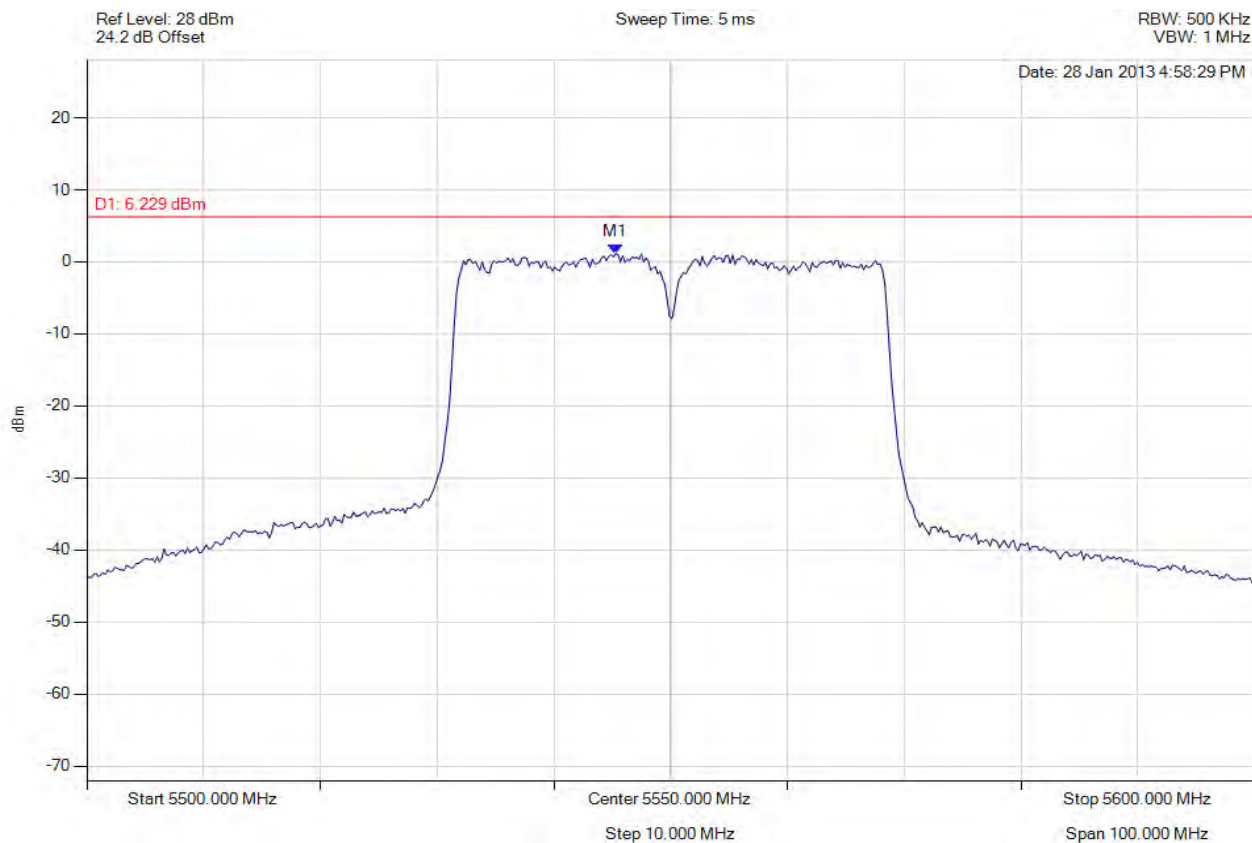


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 350 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5550.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5545.291 MHz : 1.126 dBm	Limit: ≤ 6.229 dBm Margin: -5.10 dB

[Back to the Matrix](#)

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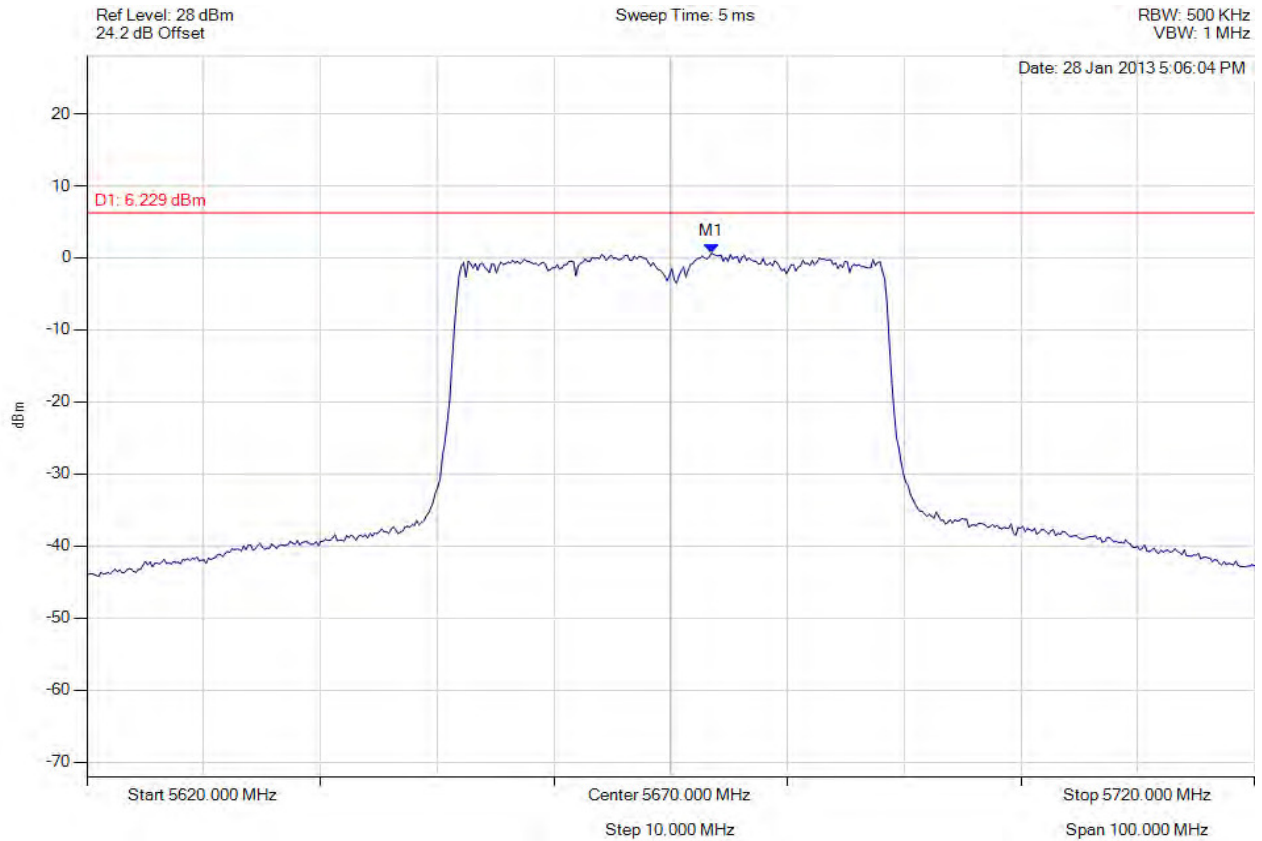


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 351 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5670.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5673.507 MHz : 0.659 dBm	Limit: ≤ 6.229 dBm Margin: -5.57 dB

[Back to the Matrix](#)

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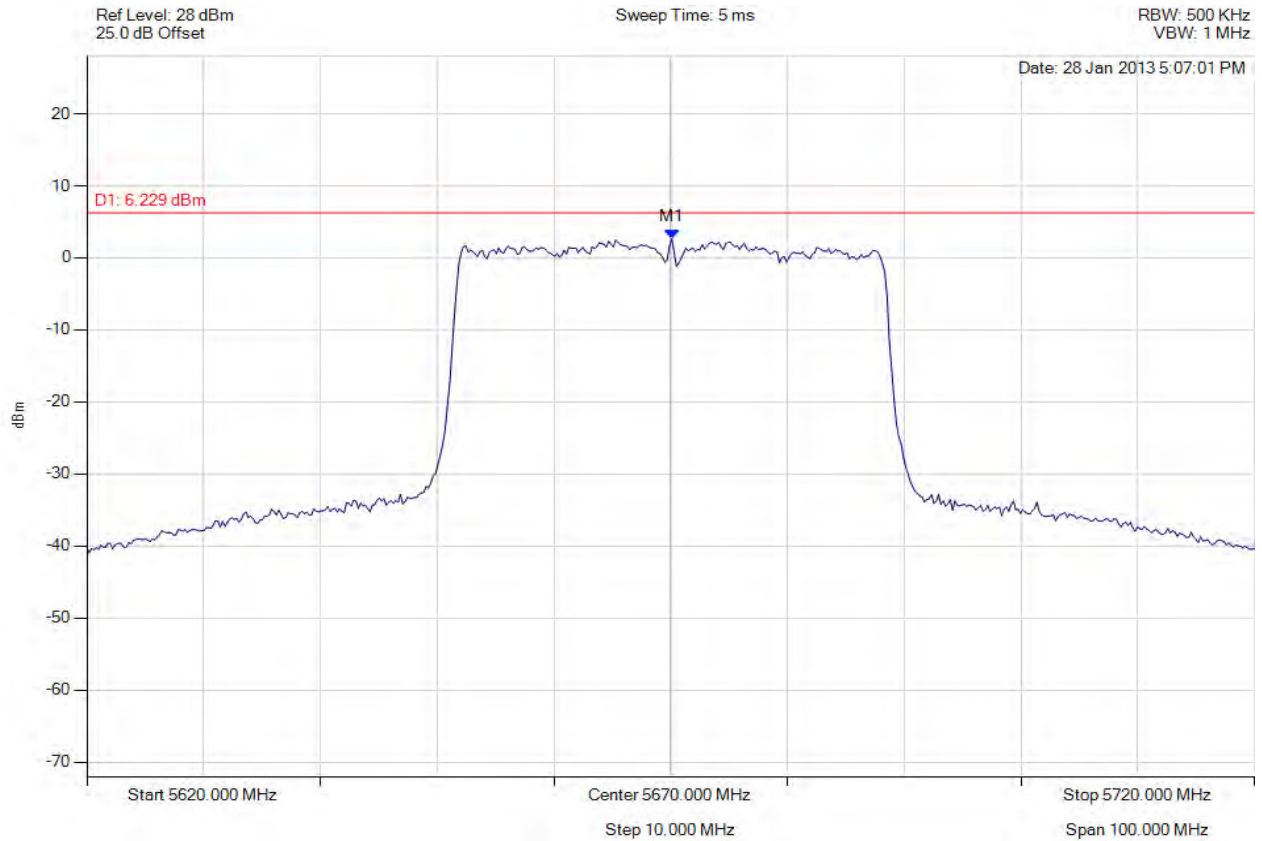


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 352 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5670.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5670.100 MHz : 2.632 dBm	Limit: ≤ 6.229 dBm Margin: -3.60 dB

[Back to the Matrix](#)

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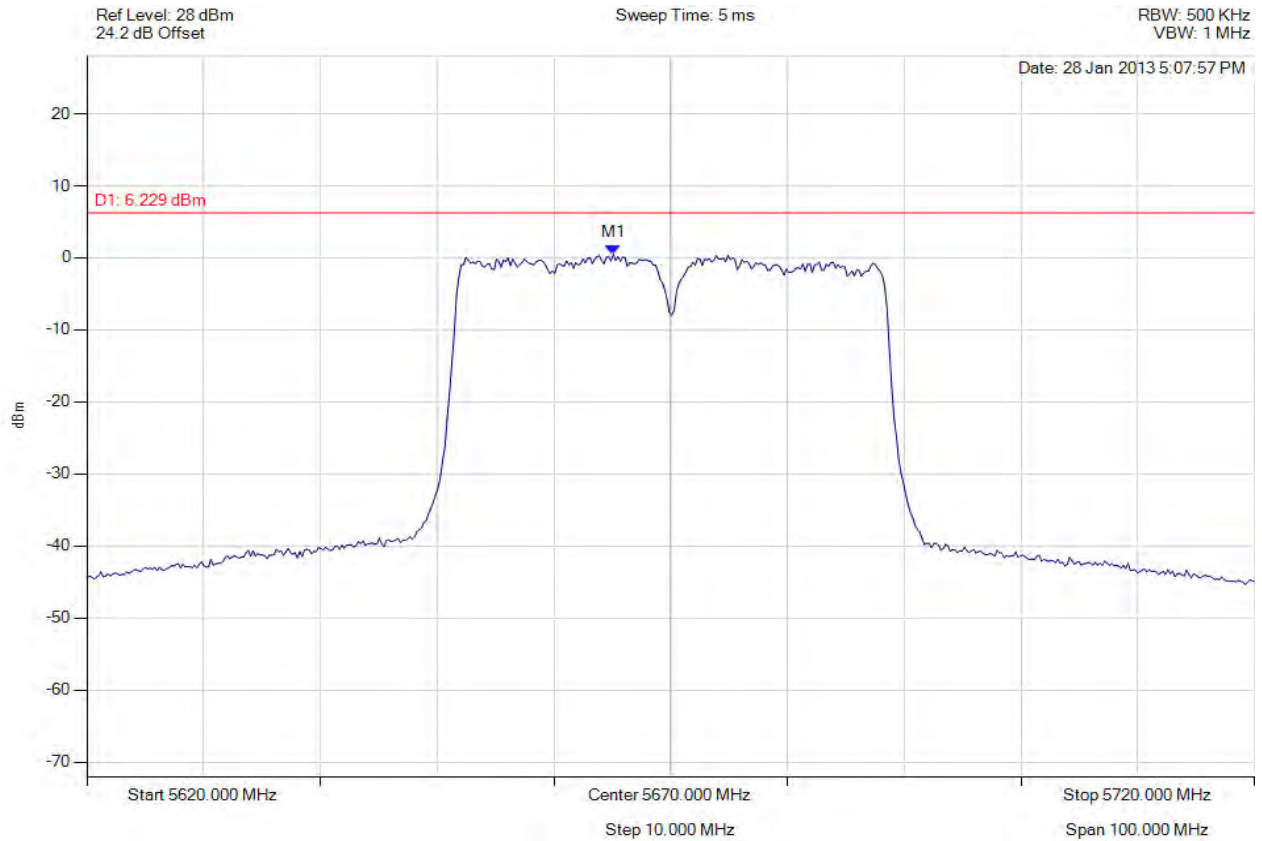


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 353 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5670.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5665.090 MHz : 0.484 dBm	Limit: \leq 6.229 dBm Margin: -5.74 dB

[Back to the Matrix](#)

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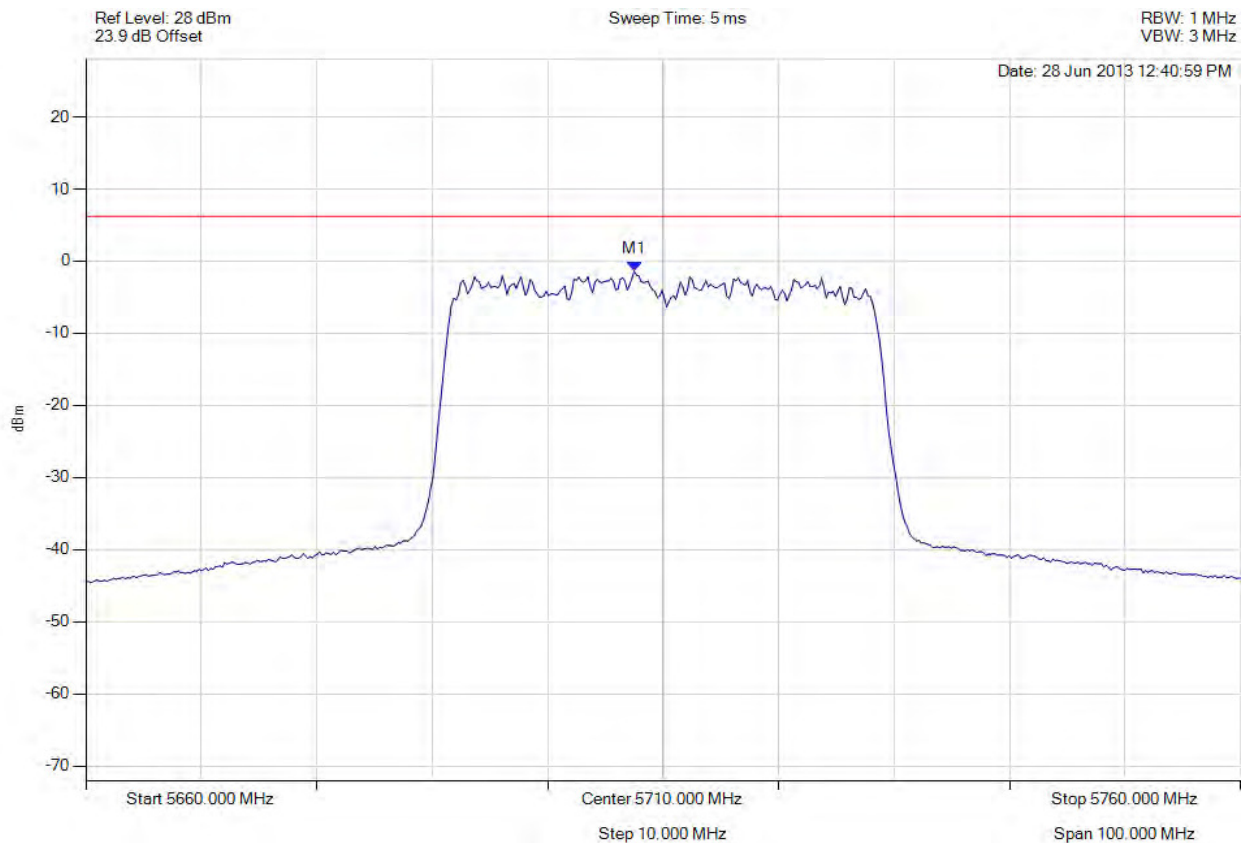


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 354 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5710.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5707.495 MHz : -1.356 dBm	Limit: ≤ 6.200 dBm Margin: 7.56 dB

[Back to the Matrix](#)

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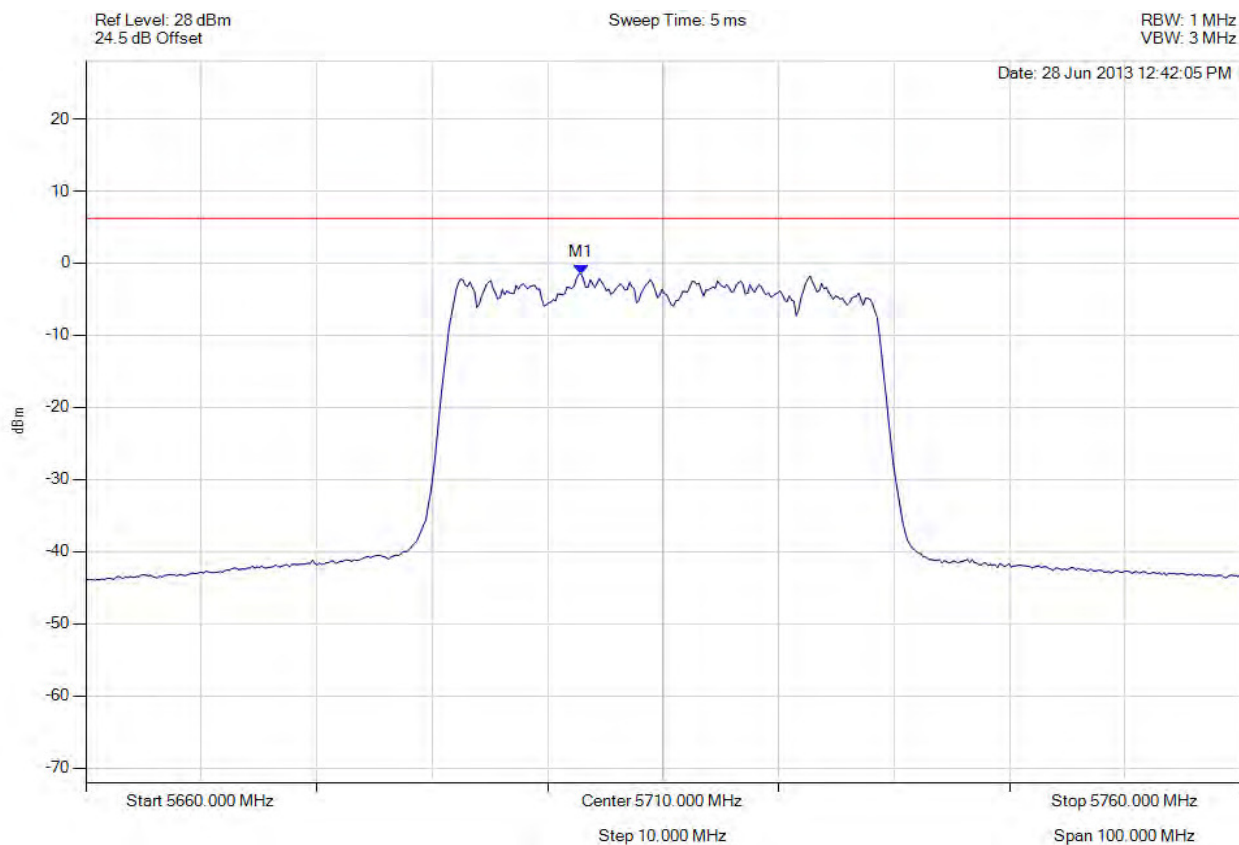


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 355 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5710.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5702.886 MHz : -1.488 dBm	Limit: ≤ 6.200 dBm Margin: 7.69 dB

[Back to the Matrix](#)

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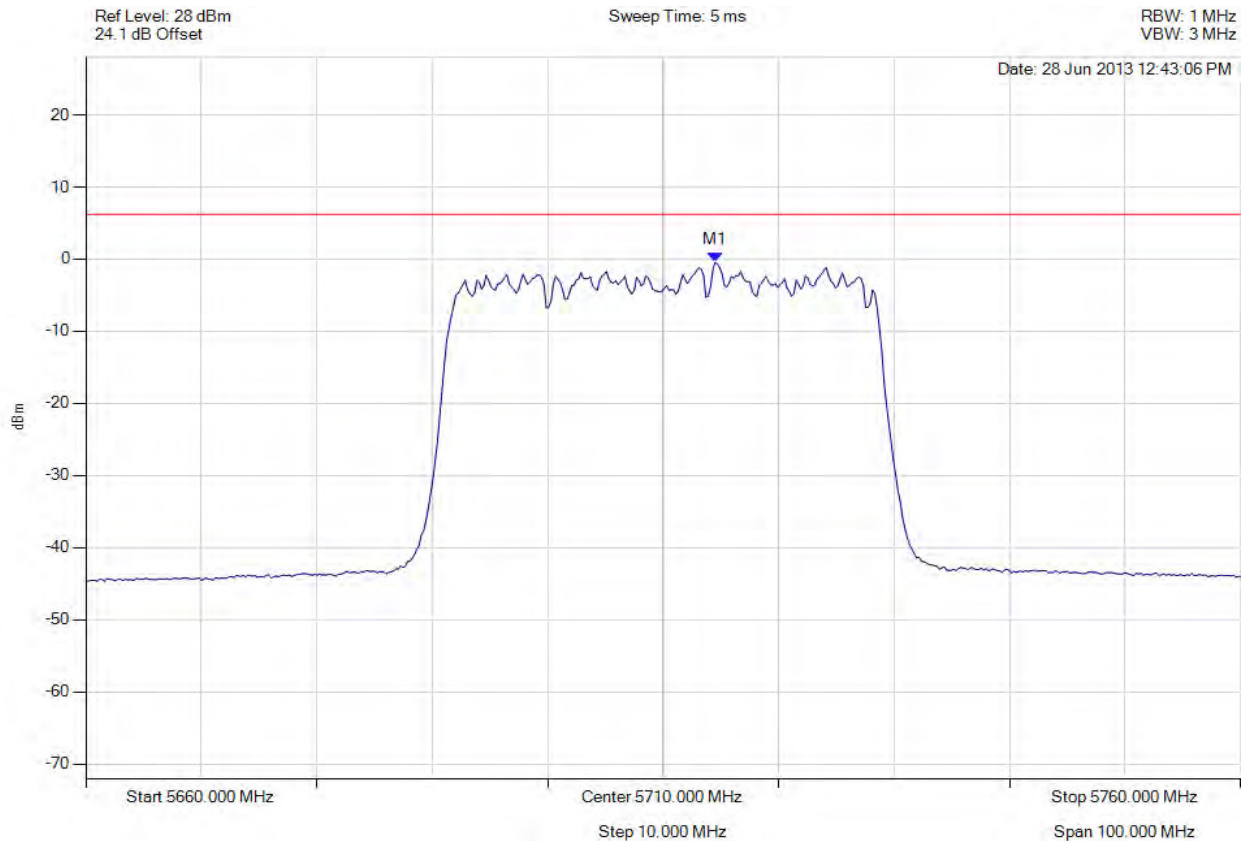


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 356 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-40, Channel: 5710.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5714.509 MHz : -0.447 dBm	Limit: ≤ 6.200 dBm Margin: 6.65 dB

[Back to the Matrix](#)

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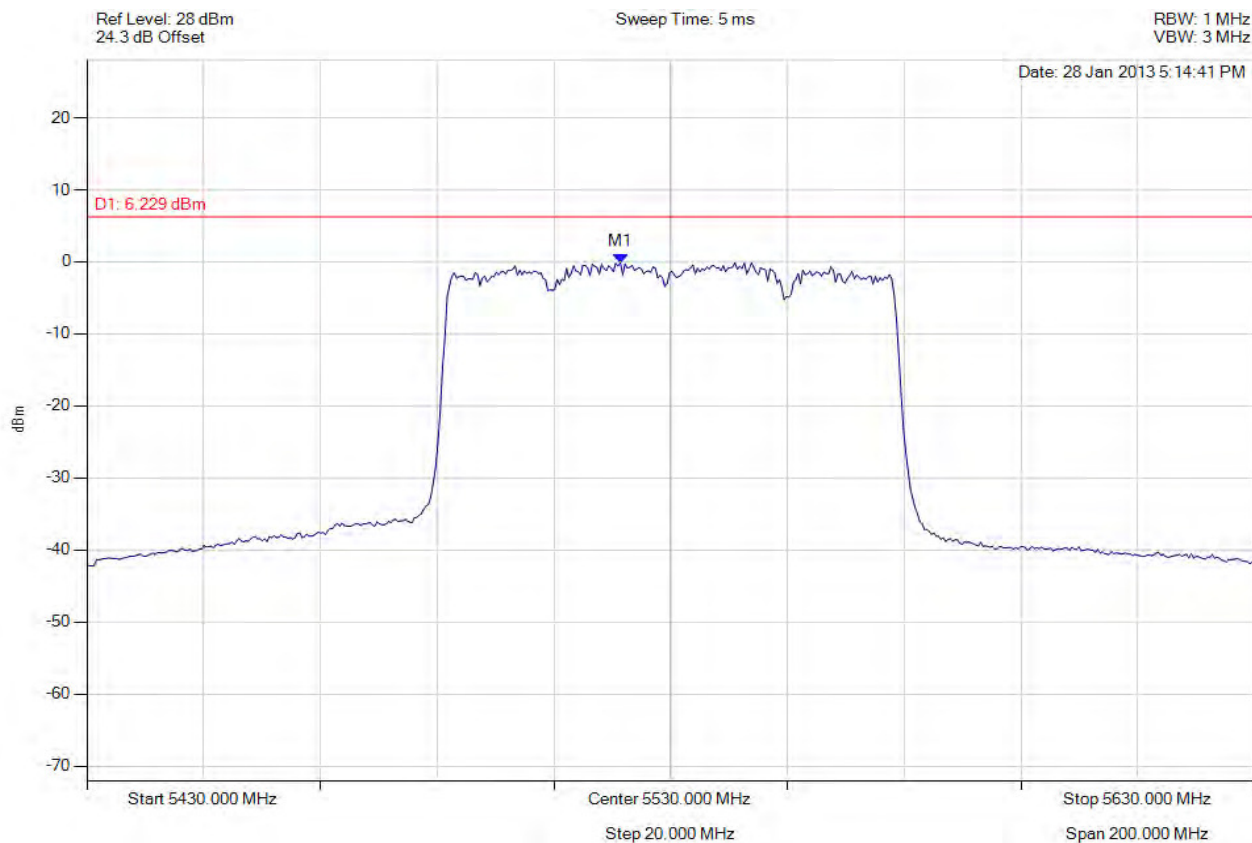


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 357 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5530.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5521.383 MHz : -0.138 dBm	Limit: ≤ 6.229 dBm Margin: -6.37 dB

[Back to the Matrix](#)

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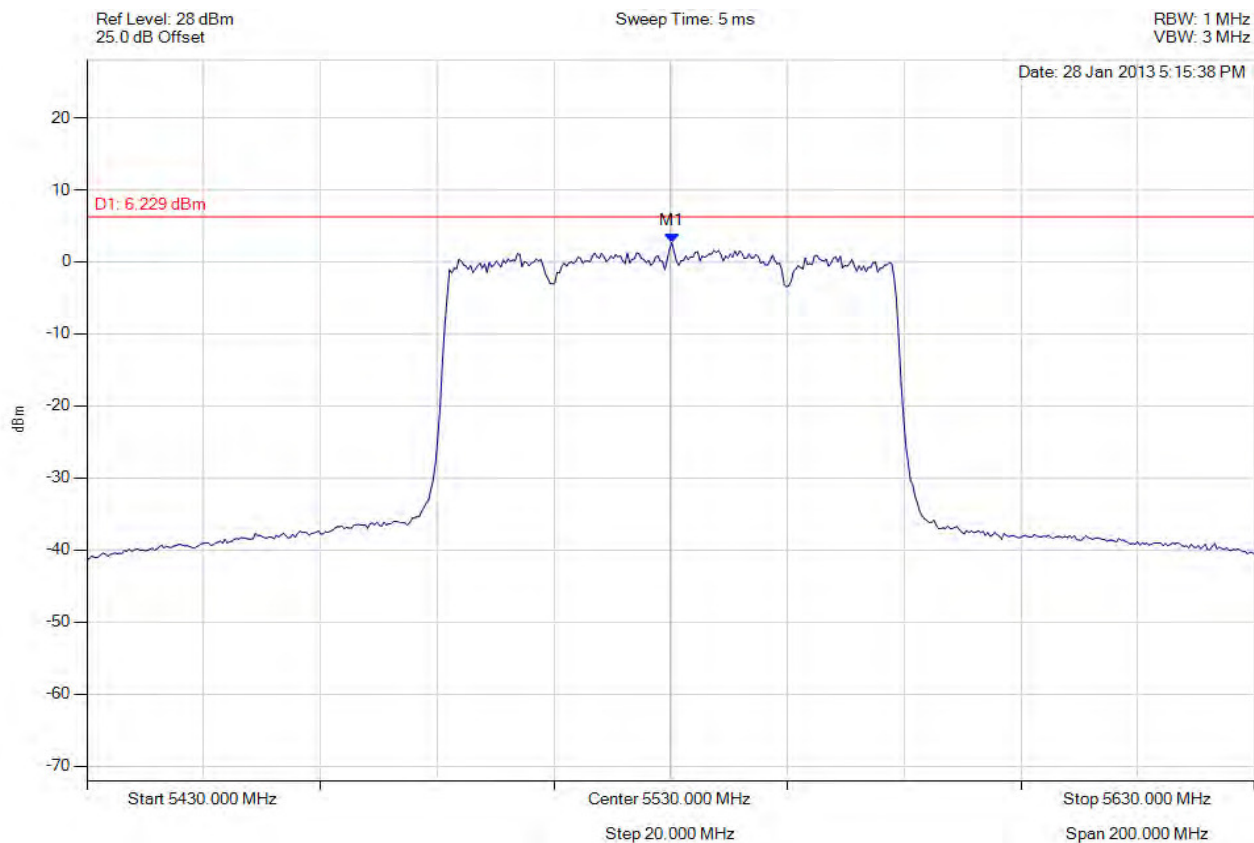


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 358 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5530.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5530.200 MHz : 2.653 dBm	Limit: ≤ 6.229 dBm Margin: -3.58 dB

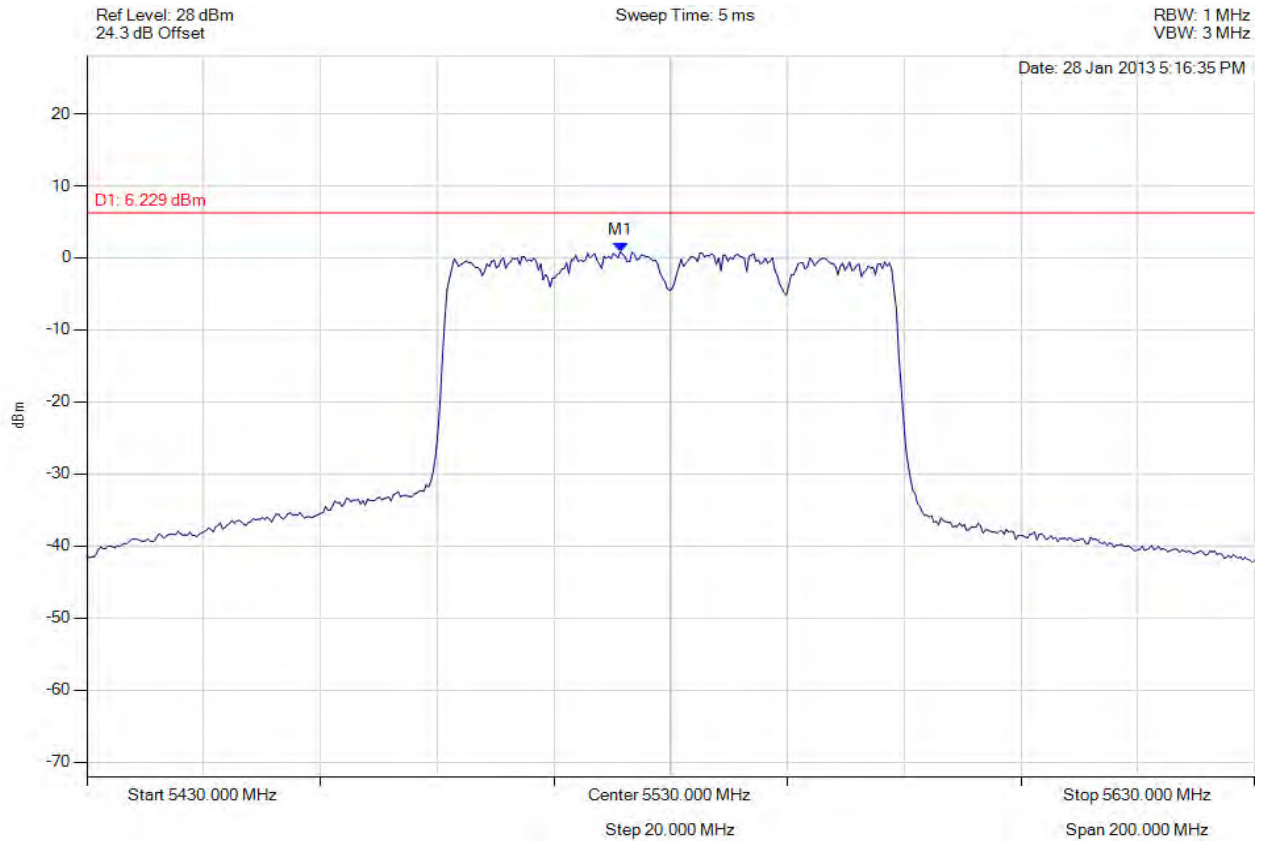
[Back to the Matrix](#)

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PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5530.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5521.383 MHz : 0.831 dBm	Limit: ≤ 6.229 dBm Margin: -5.40 dB

[Back to the Matrix](#)

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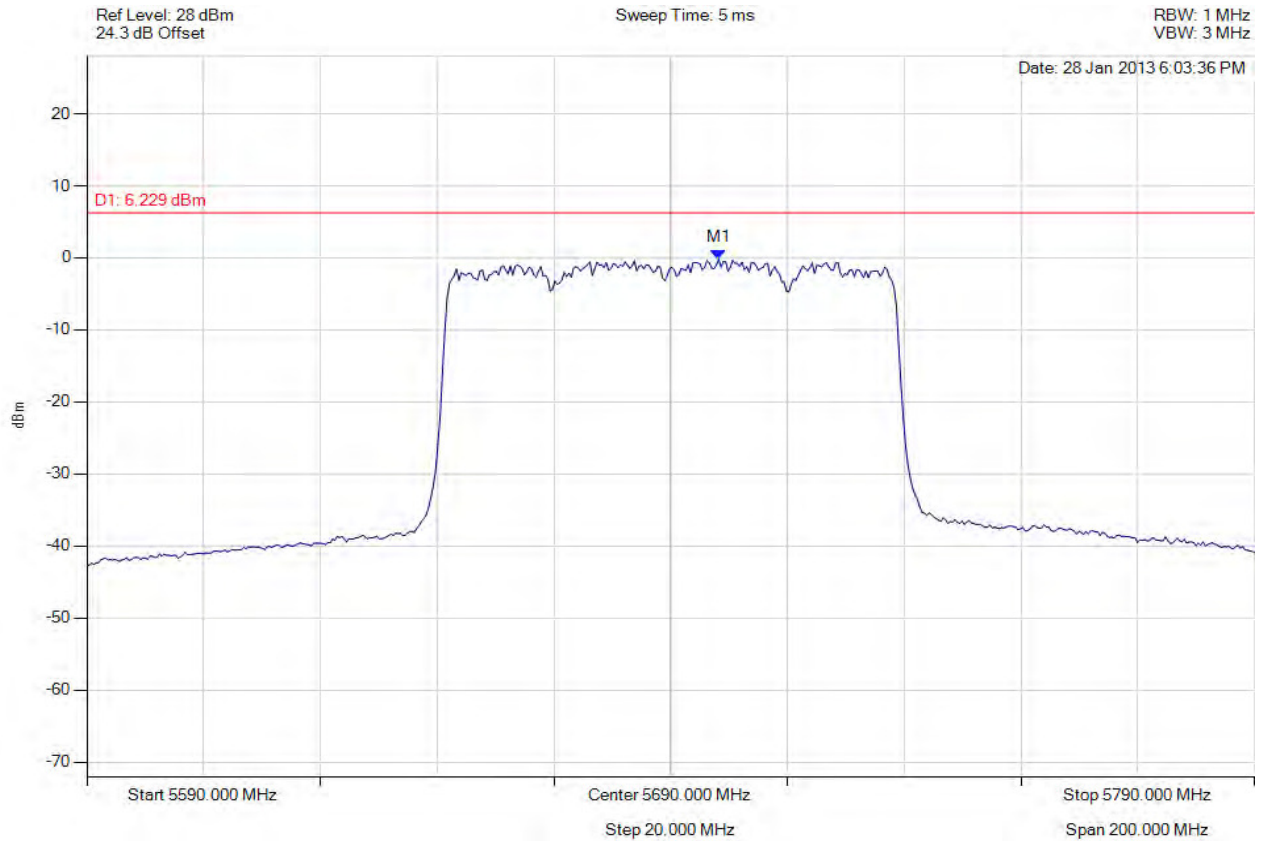


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 360 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5690.00 MHz, Chain a, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5698.216 MHz : -0.200 dBm	Limit: ≤ 6.229 dBm Margin: -6.43 dB

[Back to the Matrix](#)

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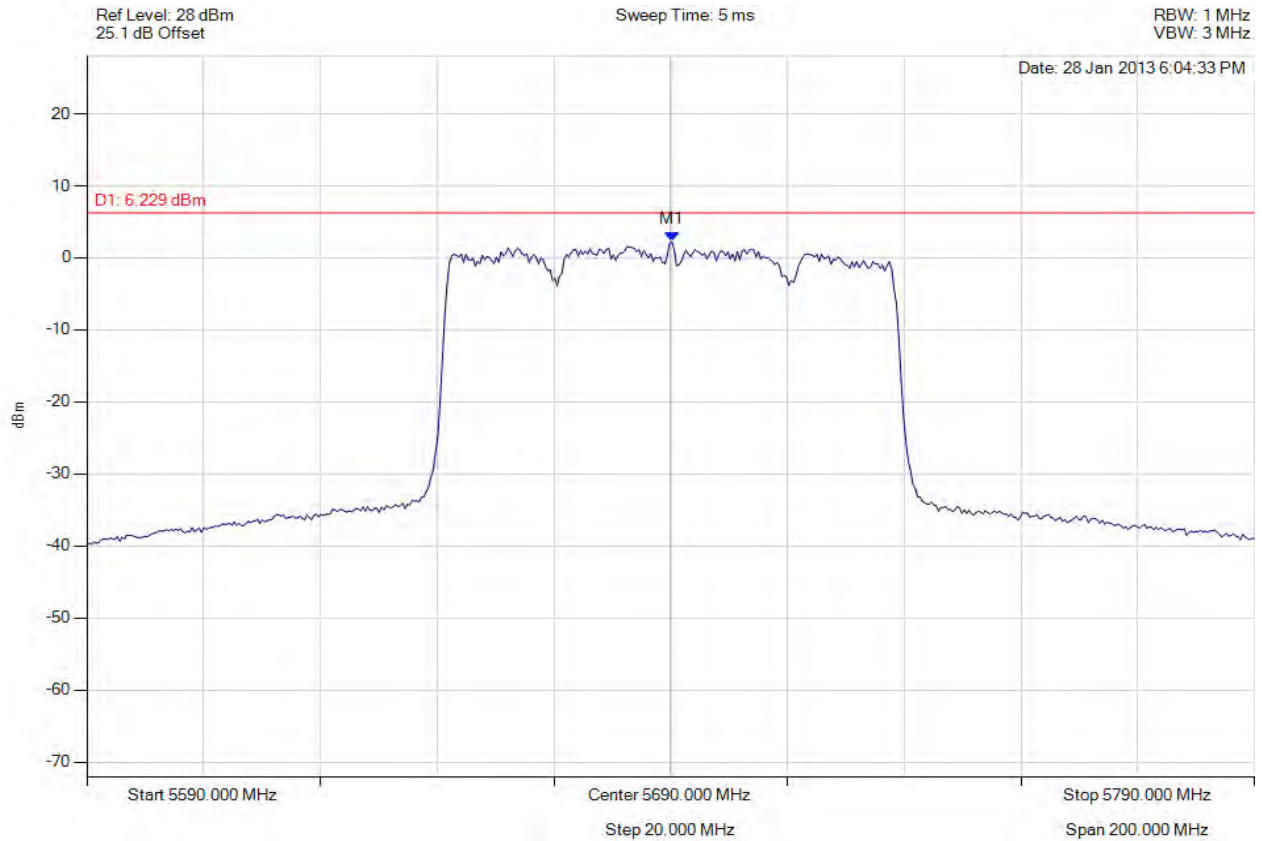


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 361 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5690.00 MHz, Chain b, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5690.200 MHz : 2.237 dBm	Limit: ≤ 6.229 dBm Margin: -3.99 dB

[Back to the Matrix](#)

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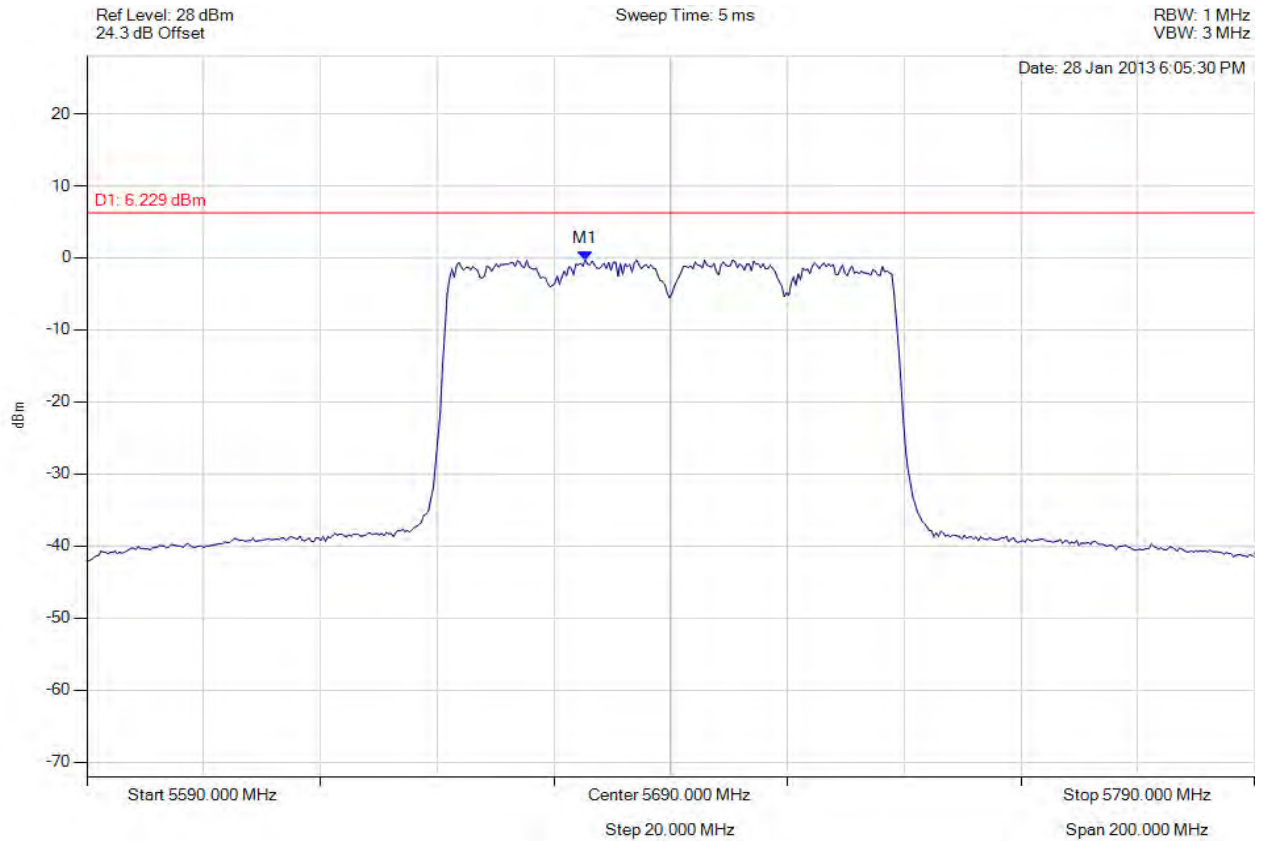


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 362 of 373



PEAK POWER SPECTRAL DENSITY

Variant: 802.11ac-80, Channel: 5690.00 MHz, Chain c, Temp: Ambient, Voltage: 12 Vdc



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5675.371 MHz : -0.298 dBm	Limit: \leq 6.229 dBm Margin: -6.53 dB

[Back to the Matrix](#)

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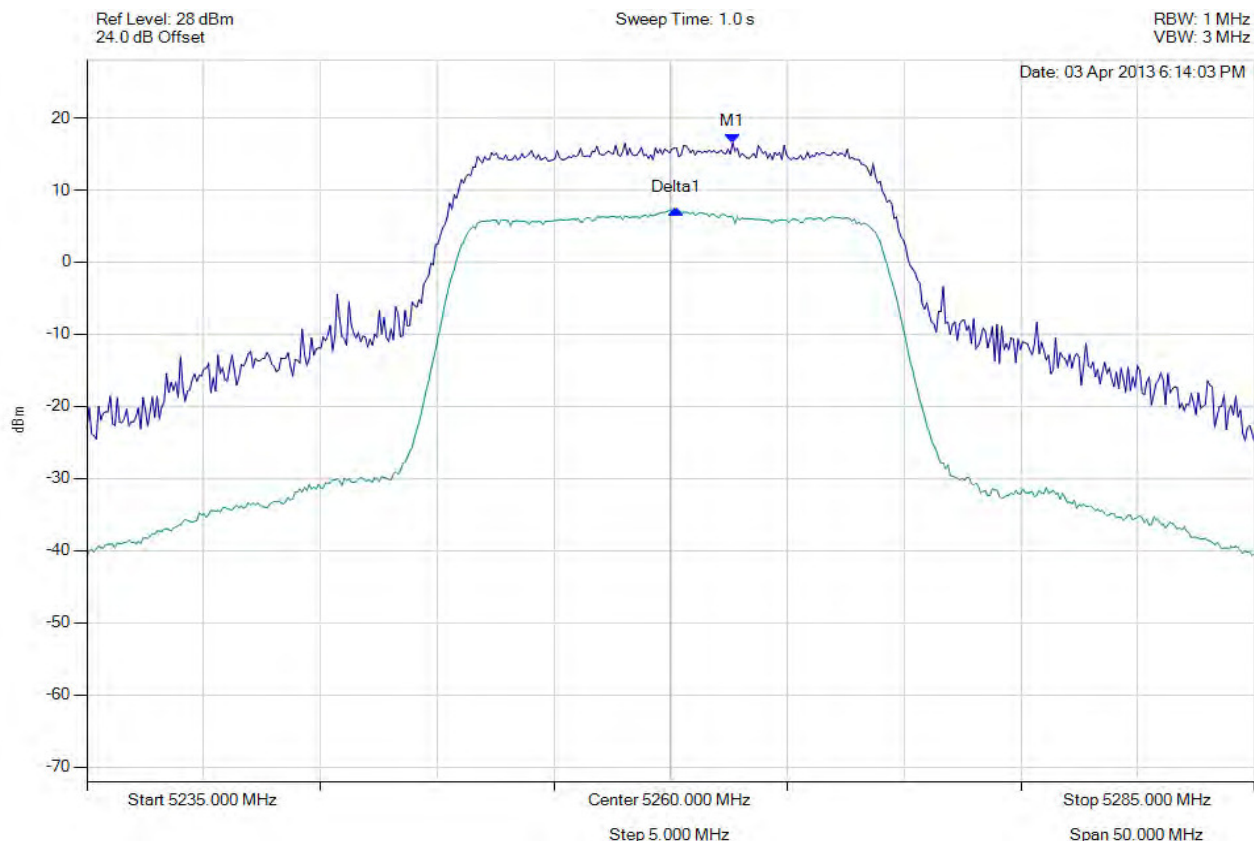


A.1.3. Peak Excursion Ratio



PEAK EXCURSION RATIO

Variant: 802.11a, Channel: 5260.00 MHz, Chain a, Temp: Ambient, Voltage: 12 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 : 5262.655 MHz : 16.546 dBm Delta1 : -2404810 Hz : -9.276 dB	Measured Excursion Ratio: 9.28 dB Limit: 13.0 dB Margin: -3.72 dB

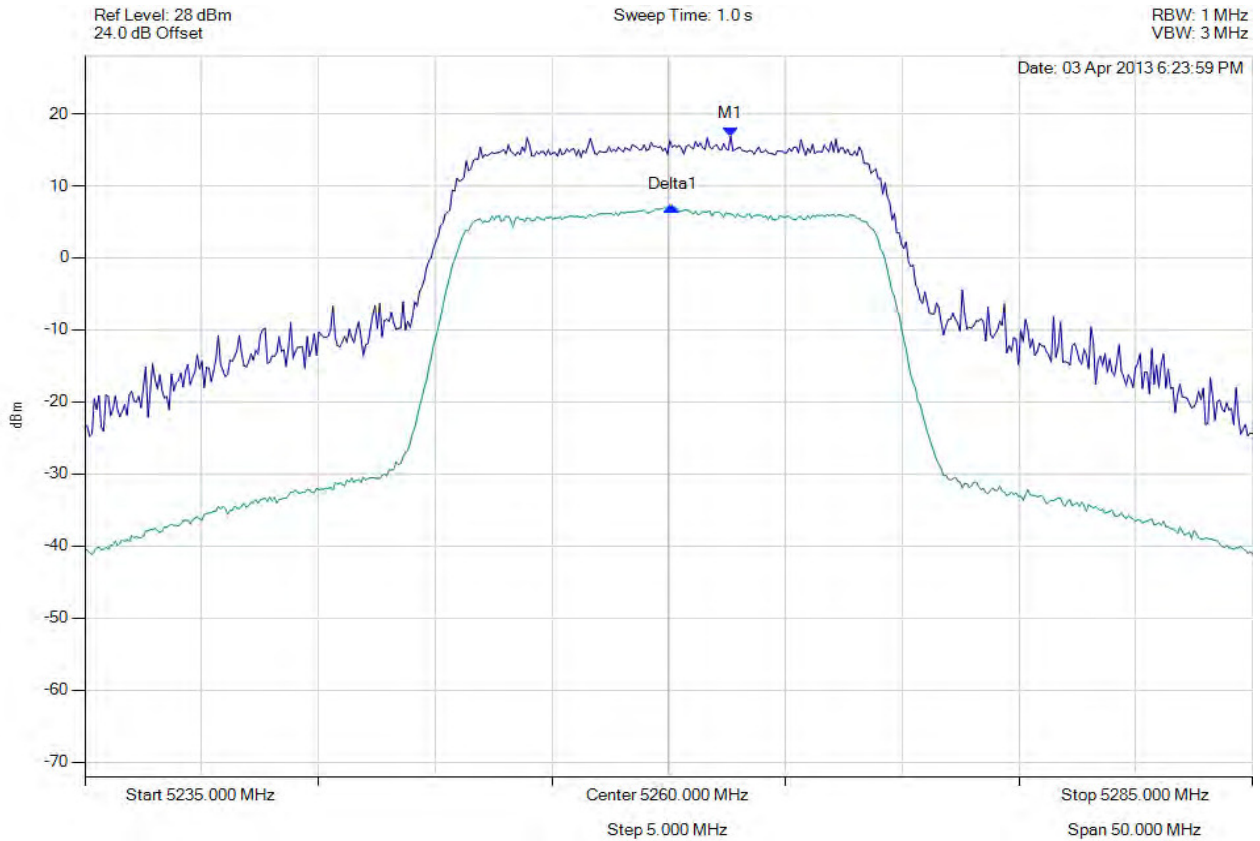
[Back to the Matrix](#)

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PEAK EXCURSION RATIO

Variant: 802.11n HT-20, Channel: 5260.00 MHz, Chain a, Temp: Ambient, Voltage: 12 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 : 5262.655 MHz : 16.893 dBm Delta1 : -2505010 Hz : -9.834 dB	Measured Excursion Ratio: 9.83 dB Limit: 13.0 dB Margin: -3.17 dB

[Back to the Matrix](#)

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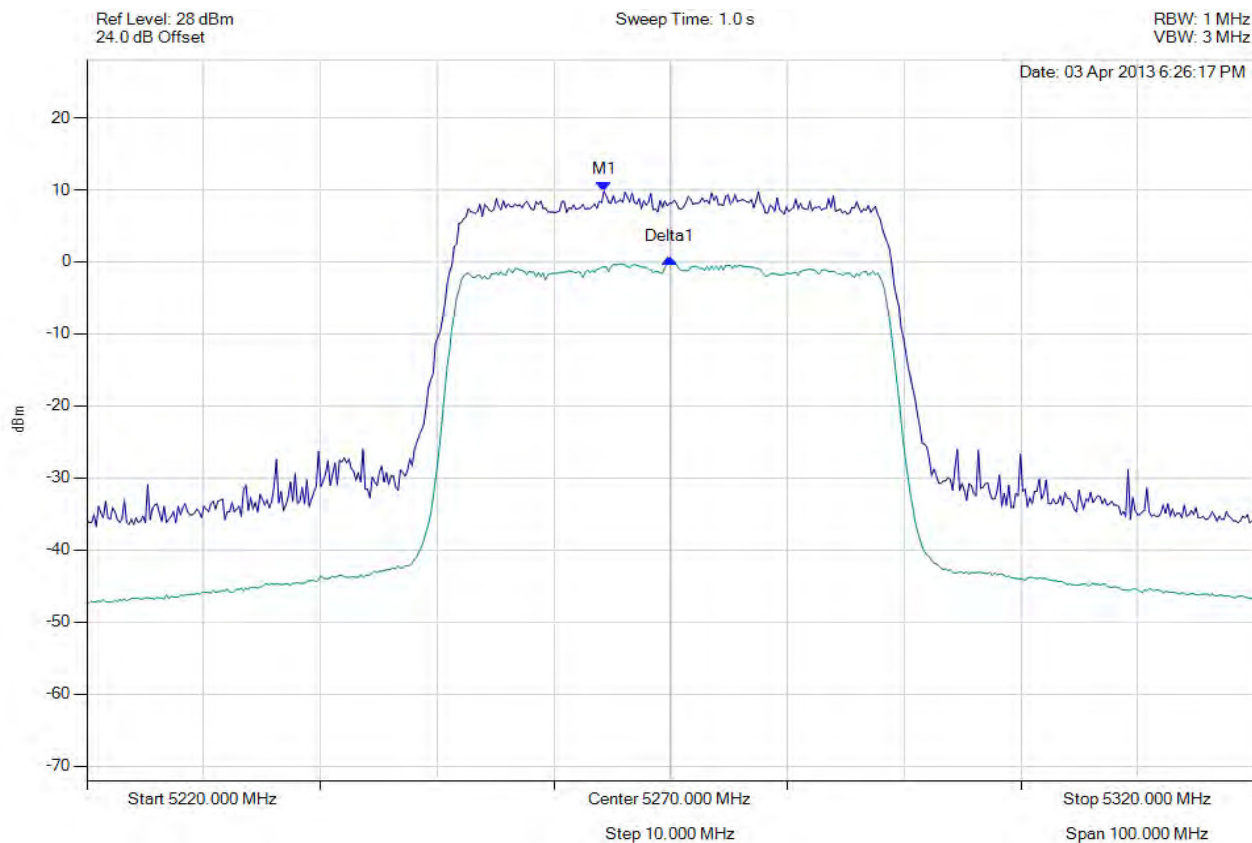


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 365 of 373



PEAK EXCURSION RATIO

Variant: 802.11n HT-40, Channel: 5270.00 MHz, Chain a, Temp: Ambient, Voltage: 12 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 : 5264.289 MHz : 9.806 dBm Delta1 : 5.611 MHz : -9.382 dB	Measured Excursion Ratio: 9.38 dB Limit: 13.0 dB Margin: -3.62 dB

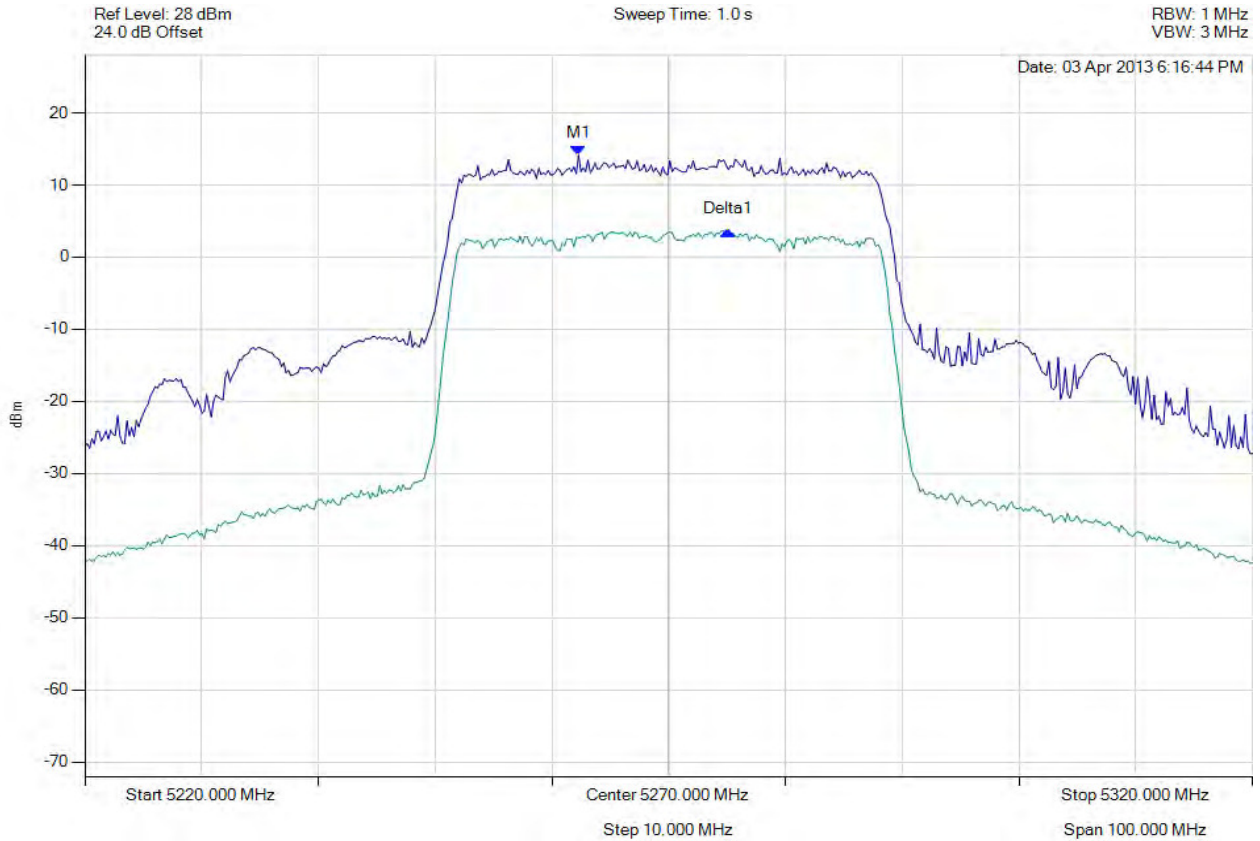
[Back to the Matrix](#)

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PEAK EXCURSION RATIO

Variant: 802.11ac-40, Channel: 5270.00 MHz, Chain a, Temp: Ambient, Voltage: 12 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 : 5262.285 MHz : 14.120 dBm Delta1 : 12.826 MHz : -10.489 dB	Measured Excursion Ratio: 10.49 dB Limit: 13.0 dB Margin: -2.51 dB

[Back to the Matrix](#)

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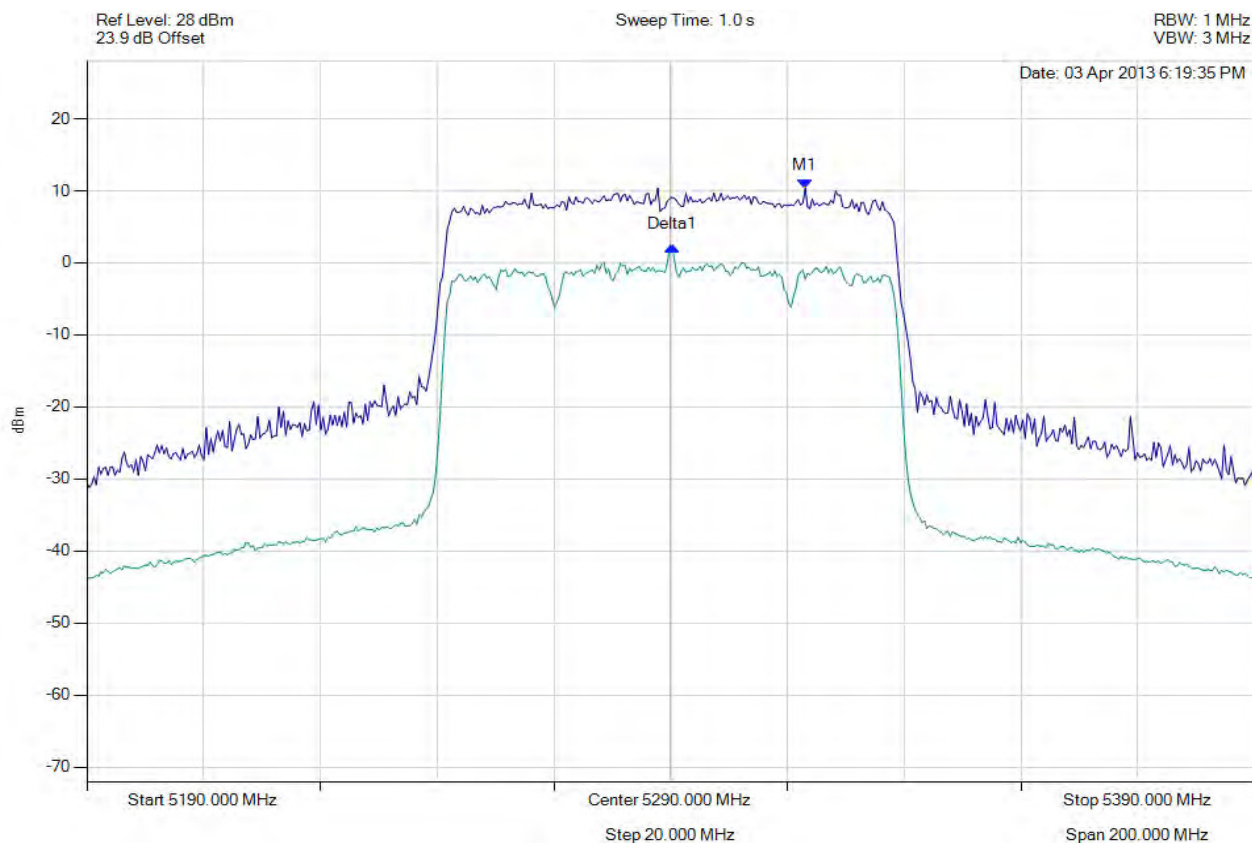


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 367 of 373



PEAK EXCURSION RATIO

Variant: 802.11ac-80, Channel: 5290.00 MHz, Chain a, Temp: Ambient, Voltage: 12 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 : 5313.046 MHz : 10.384 dBm Delta1 : -22845691 Hz : -8.114 dB	Measured Excursion Ratio: 8.11 dB Limit: 13.0 dB Margin: -4.89 dB

[Back to the Matrix](#)

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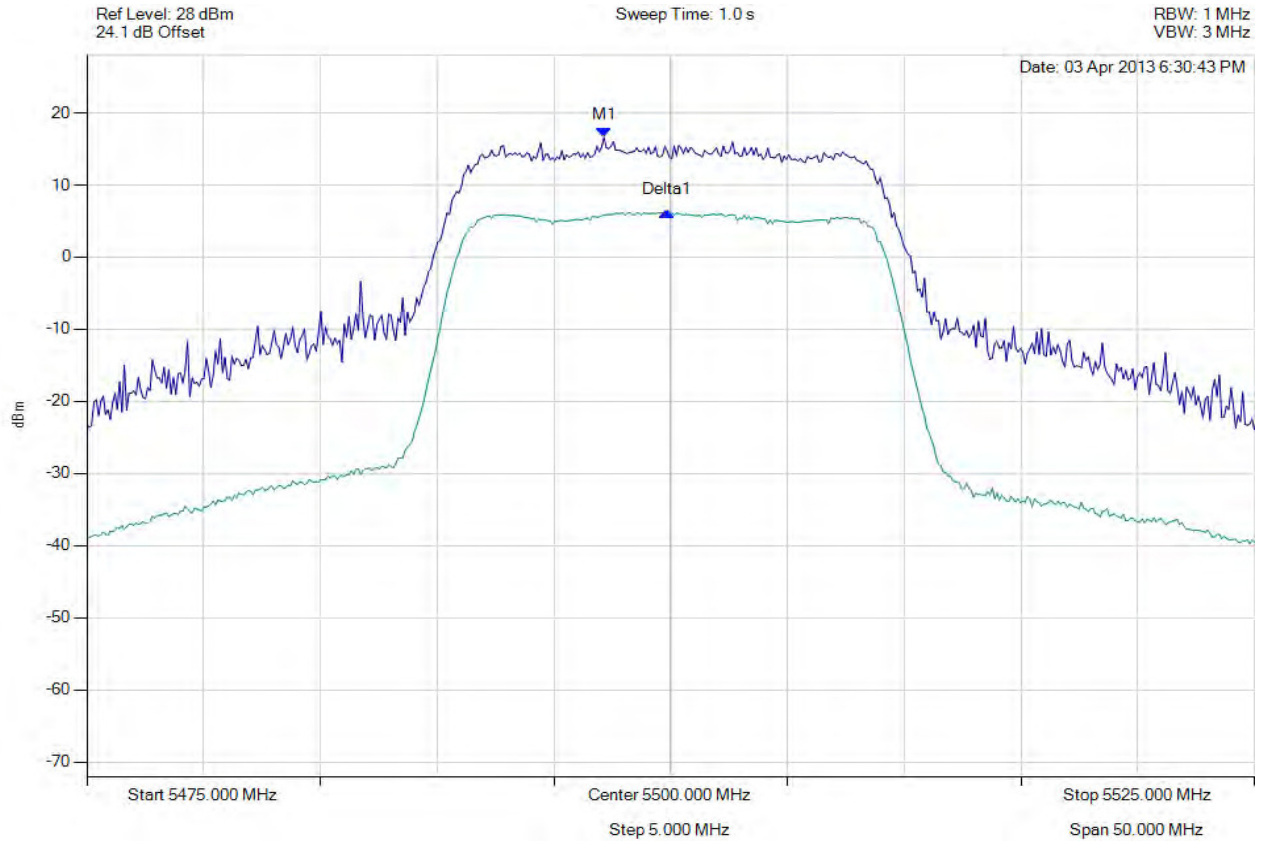


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 368 of 373



PEAK EXCURSION RATIO

Variant: 802.11a, Channel: 5500.00 MHz, Chain a, Temp: Ambient, Voltage: 12 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 : 5497.144 MHz : 16.616 dBm Delta1 : 2.705 MHz : -10.381 dB	Measured Excursion Ratio: 10.38 dB Limit: 13.0 dB Margin: -2.62 dB

[Back to the Matrix](#)

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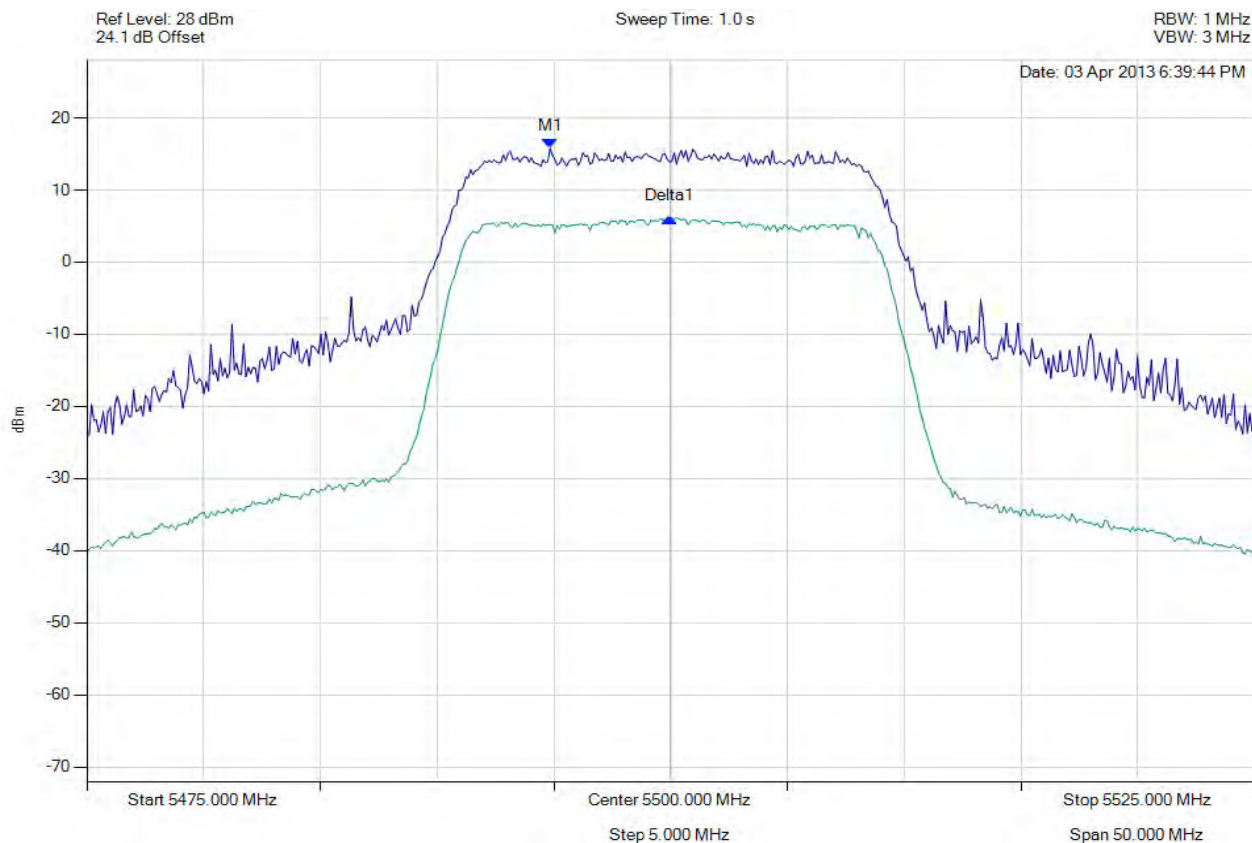


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 369 of 373



PEAK EXCURSION RATIO

Variant: 802.11n HT-20, Channel: 5500.00 MHz, Chain a, Temp: Ambient, Voltage: 12 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 : 5494.840 MHz : 15.757 dBm Delta1 : 5.110 MHz : -9.577 dB	Measured Excursion Ratio: 9.58 dB Limit: 13.0 dB Margin: -3.42 dB

[Back to the Matrix](#)

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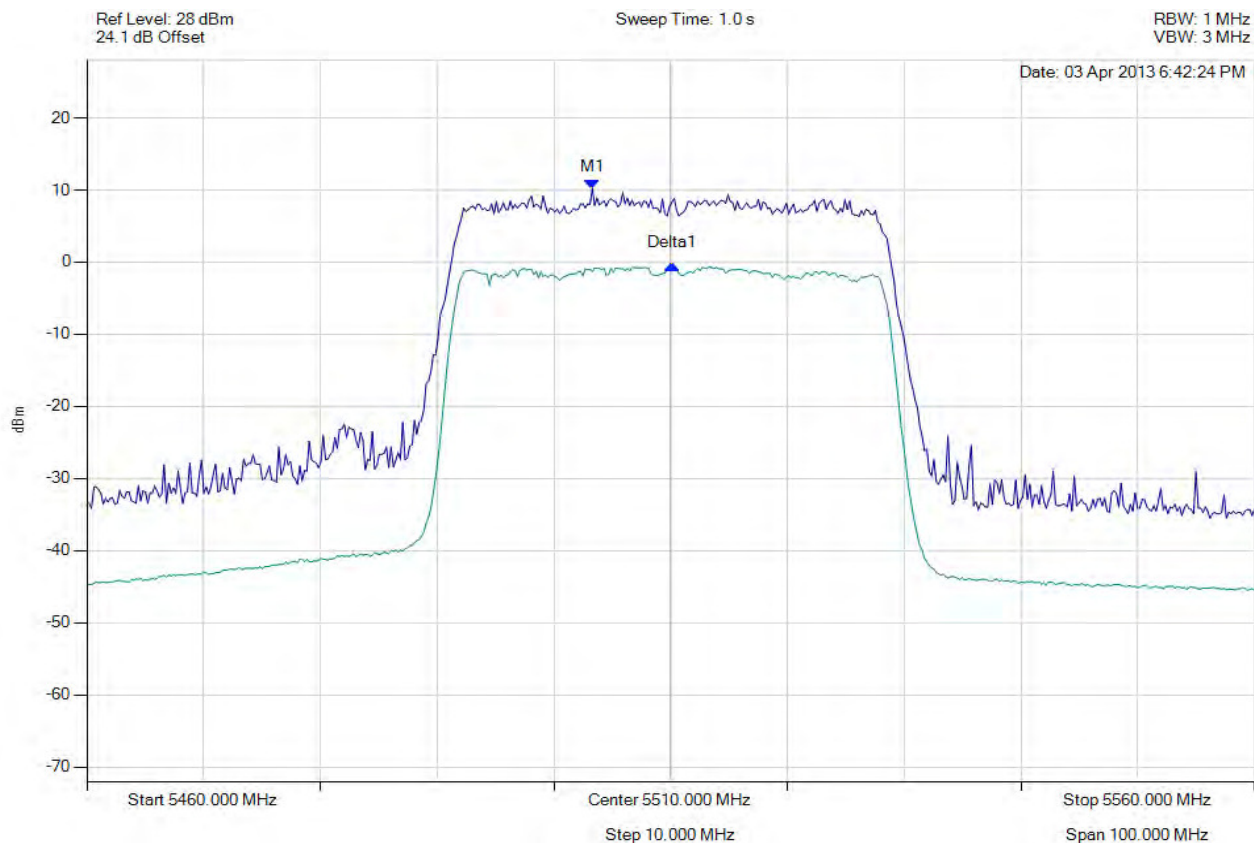


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 370 of 373



PEAK EXCURSION RATIO

Variant: 802.11n HT-40, Channel: 5510.00 MHz, Chain a, Temp: Ambient, Voltage: 12 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 : 5503.287 MHz : 10.167 dBm Delta1 : 6.814 MHz : -10.607 dB	Measured Excursion Ratio: 10.61 dB Limit: 13.0 dB Margin: -2.39 dB

[Back to the Matrix](#)

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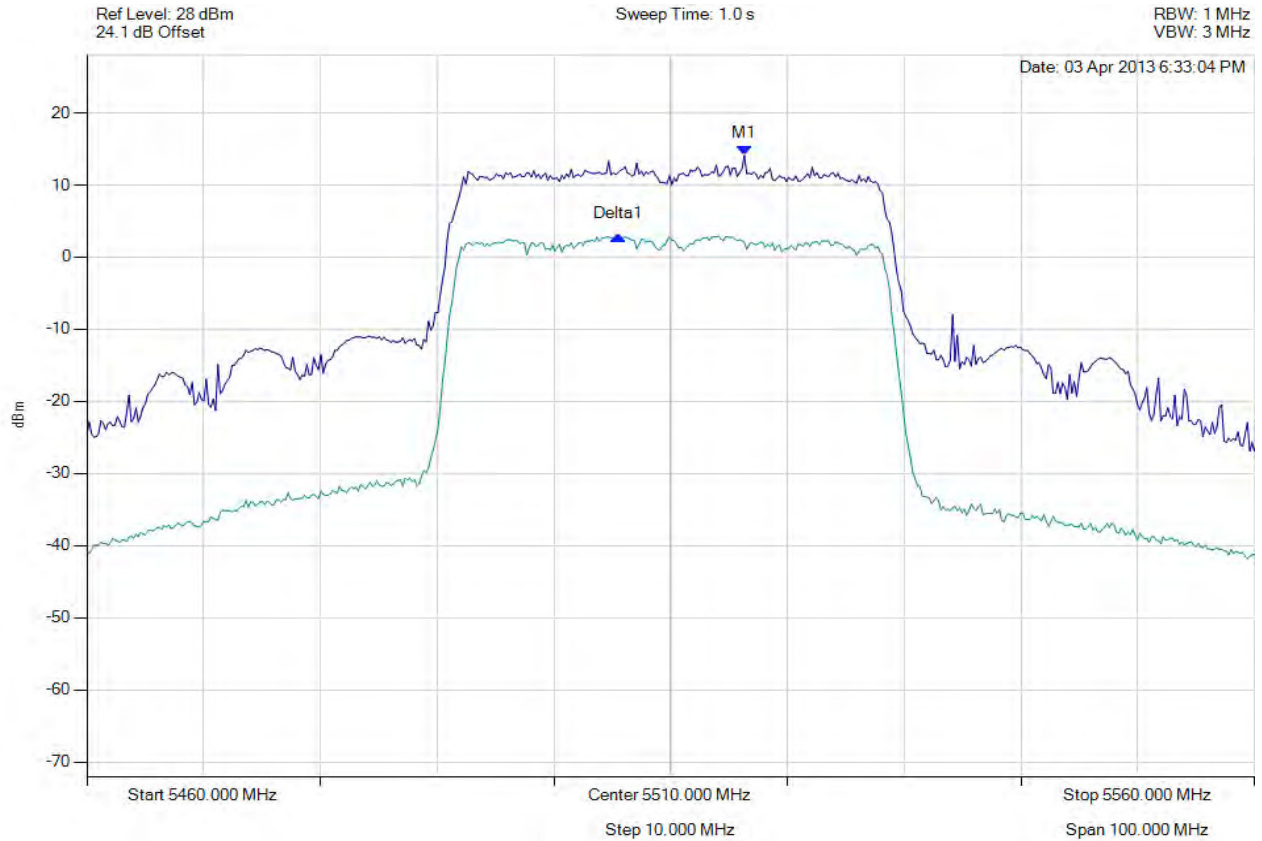


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 371 of 373



PEAK EXCURSION RATIO

Variant: 802.11ac-40, Channel: 5510.00 MHz, Chain a, Temp: Ambient, Voltage: 12 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 : 5516.313 MHz : 14.094 dBm Delta1 : -10821643 Hz : -11.127 dB	Measured Excursion Ratio: 11.13 dB Limit: 13.0 dB Margin: -1.87 dB

[Back to the Matrix](#)

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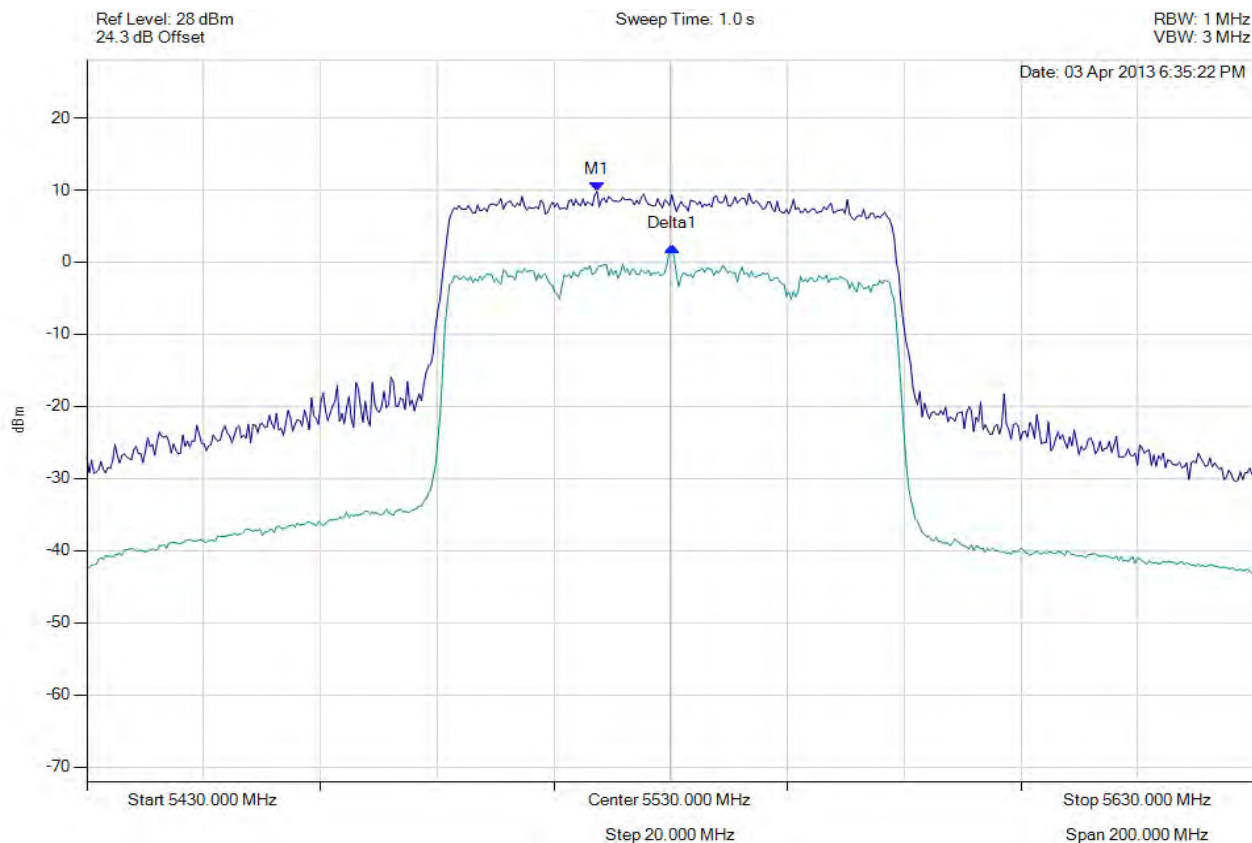


Title: APIN0224, APIN0225 802.11a/b/g/n/ac
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: ARUB146-U1 Rev B
Issue Date: 31st July 2013
Page: 372 of 373



PEAK EXCURSION RATIO

Variant: 802.11ac-80, Channel: 5530.00 MHz, Chain a, Temp: Ambient, Voltage: 12 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 : 5517.375 MHz : 9.808 dBm Delta1 : 12.826 MHz : -7.590 dB	Measured Excursion Ratio: 7.59 dB Limit: 13.0 dB Margin: -5.41 dB

[Back to the Matrix](#)

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