Wireless Site Survey Report

# CS438-Siebel

Wednesday, May 10, 2023 Powered by NetSpot Pro

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#### General Info

**Project:** CS438-Siebel

**Surveyor:** 

**Company in charge:** 

Client:

**Location:** 

**Survey total duration:** 38 min

Survey started on 08 May 2023, 14:23:30 Survey ended on 08 May 2023, 15:01:51

This survey has 2 zone(s), 2 snapshot(s) and 72 sampling points in total.

| # | Zone       | Started               | Ended                 | Duration | Snapshots | Samples |
|---|------------|-----------------------|-----------------------|----------|-----------|---------|
| 1 | Siebel-1st | 08 May 2023, 14:23:30 | 08 May 2023, 14:35:19 | 11 min   | 1         | 31      |
| 2 | Siebel-2nd | 08 May 2023, 14:42:49 | 08 May 2023, 15:01:51 | 19 min   | 1         | 41      |

#### Zone #1: Siebel-1st

**Map size:** 167.5 x 108.4 m **Zone survey duration:** 11 min

Survey started on 08 May 2023, 14:23:30 Survey ended on 08 May 2023, 14:35:19

This zone has 1 snapshot(s) and 31 sampling points in total.

| # | Snapshot            | Started               | Ended                 | Duration | Samples |
|---|---------------------|-----------------------|-----------------------|----------|---------|
| 1 | Monday, May 8, 2023 | 08 May 2023, 14:23:30 | 08 May 2023, 14:35:19 | 11 min   | 31      |

## Snapshot #1.1: Monday, May 8, 2023

**Snapshot survey duration:** 11 min

Survey started on 08 May 2023, 14:23:30 Survey ended on 08 May 2023, 14:35:19 This snapshot has 31 sampling points in total.

## **Visualization #1.1.1: Signal level**

Zone and snapshot: Siebel-1st Monday, May 8, 2023

| Visualization settings: |         |
|-------------------------|---------|
| Min signal level        | -96 dBm |
| Max signal level        | -10 dBm |



Requirements: -96 dBm -10 dBm

Figure 1.1.1: Siebel-1st > Monday, May 8, 2023 > Signal level

| # | Network<br>name | MAC-address       | Ch  | Mode<br>PHY | Security        | Max signal<br>level | Vendor |
|---|-----------------|-------------------|-----|-------------|-----------------|---------------------|--------|
| 1 | IllinoisNet     | 44:12:44:6A:05:B0 | 6   | ax          | WPA2 Enterprise | -50                 | Aruba  |
| 2 | IllinoisNet     | 44:12:44:6D:39:A0 | 1   | ax          | WPA2 Enterprise | -40                 | Aruba  |
| 3 | IllinoisNet     | 44:12:44:6D:EC:10 | 108 | ax          | WPA2 Enterprise | -51.7               | Aruba  |
| 4 | IllinoisNet     | 44:12:44:6A:05:D0 | 60  | ax          | WPA2 Enterprise | -51                 | Aruba  |
| 5 | IllinoisNet     | 44:12:44:6B:8F:60 | 64  | ax          | WPA2 Enterprise | -60.3               | Aruba  |
| 6 | IllinoisNet     | 44:12:44:69:61:10 | 11  | ax          | WPA2 Enterprise | -54                 | Aruba  |
| 7 | IllinoisNet     | 44:12:44:6C:7F:D0 | 11  | ax          | WPA2 Enterprise | -67                 | Aruba  |

| #  | Network<br>name | MAC-address       | Ch  | Mode<br>PHY | Security        | Max signal<br>level | Vendor |
|----|-----------------|-------------------|-----|-------------|-----------------|---------------------|--------|
| 8  | IllinoisNet     | 44:12:44:6B:34:E0 | 1   | ax          | WPA2 Enterprise | -68                 | Aruba  |
| 9  | IllinoisNet     | 44:12:44:6C:7F:F0 | 104 | ax          | WPA2 Enterprise | -68                 | Aruba  |
| 10 | IllinoisNet     | 44:12:44:69:58:C0 | 56  | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 11 | IllinoisNet     | 44:12:44:6D:60:60 | 40  | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 12 | IllinoisNet     | 44:12:44:6D:39:C0 | 64  | ax          | WPA2 Enterprise | -45                 | Aruba  |
| 13 | IllinoisNet     | 44:12:44:6B:35:00 | 124 | ax          | WPA2 Enterprise | -69                 | Aruba  |
| 14 | IllinoisNet     | 44:12:44:6B:03:80 | 112 | ax          | WPA2 Enterprise | -77.7               | Aruba  |
| 15 | IllinoisNet     | 44:12:44:69:AF:70 | 6   | ax          | WPA2 Enterprise | -73                 | Aruba  |
| 16 | IllinoisNet     | 44:12:44:6D:98:10 | 60  | ax          | WPA2 Enterprise | -62                 | Aruba  |
| 17 | IllinoisNet     | 44:12:44:6D:83:10 | 149 | ax          | WPA2 Enterprise | -54                 | Aruba  |
| 18 | IllinoisNet     | 44:12:44:6A:4B:F0 | 149 | ax          | WPA2 Enterprise | -69                 | Aruba  |
| 19 | IllinoisNet     | 44:12:44:6D:CD:90 | 11  | ax          | WPA2 Enterprise | -60.3               | Aruba  |
| 20 | IllinoisNet     | 44:12:44:6B:5D:E0 | 120 | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 21 | IllinoisNet     | 44:12:44:6E:07:50 | 11  | ax          | WPA2 Enterprise | -41                 | Aruba  |
| 22 | IllinoisNet     | 44:12:44:6C:3B:50 | 40  | ax          | WPA2 Enterprise | -76                 | Aruba  |
| 23 | IllinoisNet     | 44:12:44:69:88:60 | 40  | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 24 | IllinoisNet     | 44:12:44:6A:29:D0 | 128 | ax          | WPA2 Enterprise | -69.7               | Aruba  |
| 25 | IllinoisNet     | 44:12:44:6B:96:20 | 128 | ax          | WPA2 Enterprise | -68                 | Aruba  |
| 26 | IllinoisNet     | 44:12:44:6A:29:B0 | 1   | ax          | WPA2 Enterprise | -70                 | Aruba  |
| 27 | IllinoisNet     | 44:12:44:6E:BF:60 | 52  | ax          | WPA2 Enterprise | -57                 | Aruba  |
| 28 | IllinoisNet     | 44:12:44:6A:68:E0 | 11  | ax          | WPA2 Enterprise | -70                 | Aruba  |
| 29 | IllinoisNet     | 44:12:44:6D:82:F0 | 11  | ax          | WPA2 Enterprise | -51.7               | Aruba  |
| 30 | IllinoisNet     | 44:12:44:69:61:30 | 153 | ax          | WPA2 Enterprise | -59.7               | Aruba  |
| 31 | IllinoisNet     | 44:12:44:69:BB:60 | 149 | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 32 | IllinoisNet     | 44:12:44:69:B1:10 | 120 | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 33 | IllinoisNet     | 44:12:44:6A:69:00 | 120 | ax          | WPA2 Enterprise | -78                 | Aruba  |
| 34 | IllinoisNet     | 44:12:44:6D:9B:40 | 116 | ax          | WPA2 Enterprise | -59.3               | Aruba  |
| 35 | IllinoisNet     | 94:64:24:9B:07:80 | 104 | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 36 | IllinoisNet     | 44:12:44:69:E1:40 | 104 | ax          | WPA2 Enterprise | -71                 | Aruba  |
| 37 | IllinoisNet     | 44:12:44:6E:17:90 | 100 | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 38 | IllinoisNet     | 44:12:44:69:A6:C0 | 56  | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 39 | IllinoisNet     | 44:12:44:6E:68:C0 | 40  | ax          | WPA2 Enterprise | -70                 | Aruba  |
| 40 | IllinoisNet     | 44:12:44:6A:0C:00 | 157 | ax          | WPA2 Enterprise | -78                 | Aruba  |
| 41 | IllinoisNet     | 44:12:44:6D:16:E0 | 48  | ax          | WPA2 Enterprise | -47.3               | Aruba  |

| #  | Network<br>name | MAC-address       | Ch  | Mode<br>PHY | Security        | Max signal<br>level | Vendor |
|----|-----------------|-------------------|-----|-------------|-----------------|---------------------|--------|
| 42 | IllinoisNet     | 44:12:44:6A:63:C0 | 128 | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 43 | IllinoisNet     | 44:12:44:6E:F8:90 | 108 | ax          | WPA2 Enterprise | -61.7               | Aruba  |
| 44 | IllinoisNet     | 44:12:44:6B:00:30 | 6   | ax          | WPA2 Enterprise | -64                 | Aruba  |
| 45 | IllinoisNet     | 44:12:44:6D:9B:20 | 6   | ax          | WPA2 Enterprise | -63                 | Aruba  |
| 46 | IllinoisNet     | 44:12:44:6D:16:C0 | 11  | ax          | WPA2 Enterprise | -51                 | Aruba  |
| 47 | IllinoisNet     | 44:12:44:6C:C7:C0 | 161 | ax          | WPA2 Enterprise | -66.3               | Aruba  |
| 48 | IllinoisNet     | 44:12:44:6E:BF:40 | 6   | ax          | WPA2 Enterprise | -55.7               | Aruba  |
| 49 | IllinoisNet     | 44:12:44:6E:07:70 | 36  | ax          | WPA2 Enterprise | -46.7               | Aruba  |
| 50 | IllinoisNet     | 44:12:44:6A:D0:80 | 36  | ax          | WPA2 Enterprise | -67                 | Aruba  |
| 51 | IllinoisNet     | 44:12:44:69:70:40 | 6   | ax          | WPA2 Enterprise | -46                 | Aruba  |
| 52 | IllinoisNet     | 44:12:44:6D:EB:F0 | 6   | ax          | WPA2 Enterprise | -60                 | Aruba  |
| 53 | IllinoisNet     | 44:12:44:6A:57:F0 | 128 | ax          | WPA2 Enterprise | -55                 | Aruba  |
| 54 | IllinoisNet     | 44:12:44:6D:CD:B0 | 124 | ax          | WPA2 Enterprise | -53                 | Aruba  |
| 55 | IllinoisNet     | 44:12:44:69:70:60 | 112 | ax          | WPA2 Enterprise | -47.7               | Aruba  |
| 56 | IllinoisNet     | 44:12:44:6B:8F:40 | 1   | ax          | WPA2 Enterprise | -62                 | Aruba  |
| 57 | IllinoisNet     | 44:12:44:69:58:A0 | 11  | ax          | WPA2 Enterprise | -74.3               | Aruba  |
| 58 | IllinoisNet     | 44:12:44:69:BB:40 | 6   | ax          | WPA2 Enterprise | -78                 | Aruba  |
| 59 | IllinoisNet     | 44:12:44:6B:03:60 | 1   | ax          | WPA2 Enterprise | -77                 | Aruba  |
| 60 | IllinoisNet     | 44:12:44:69:AF:90 | 48  | ax          | WPA2 Enterprise | -62                 | Aruba  |
| 61 | IllinoisNet     | 44:12:44:6D:54:D0 | 6   | ax          | WPA2 Enterprise | -77                 | Aruba  |
| 62 | IllinoisNet     | 44:12:44:6D:54:F0 | 48  | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 63 | IllinoisNet     | 44:12:44:6E:F8:70 | 1   | ax          | WPA2 Enterprise | -73                 | Aruba  |
| 64 | IllinoisNet     | 44:12:44:6B:96:00 | 1   | ax          | WPA2 Enterprise | -71.3               | Aruba  |
| 65 | IllinoisNet     | 44:12:44:6D:97:F0 | 1   | ax          | WPA2 Enterprise | -70                 | Aruba  |
| 66 | IllinoisNet     | 44:12:44:6C:70:C0 | 40  | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 67 | IllinoisNet     | 44:12:44:69:E1:20 | 1   | ax          | WPA2 Enterprise | -73                 | Aruba  |
| 68 | IllinoisNet     | 44:12:44:6C:77:20 | 56  | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 69 | IllinoisNet     | 44:12:44:6D:C5:70 | 60  | ax          | WPA2 Enterprise | -78                 | Aruba  |
| 70 | IllinoisNet     | 44:12:44:6D:1E:00 | 48  | ax          | WPA2 Enterprise | -77                 | Aruba  |
| 71 | IllinoisNet     | 44:12:44:6E:A3:40 | 44  | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 72 | IllinoisNet     | 44:12:44:6E:68:A0 | 1   | ax          | WPA2 Enterprise | -67.3               | Aruba  |
| 73 | IllinoisNet     | 44:12:44:6A:4B:D0 | 1   | ax          | WPA2 Enterprise | -70                 | Aruba  |
| 74 | IllinoisNet     | 44:12:44:6A:D0:60 | 1   | ax          | WPA2 Enterprise | -59                 | Aruba  |
| 75 | IllinoisNet     | 44:12:44:6B:00:50 | 149 | ax          | WPA2 Enterprise | -76                 | Aruba  |

| #       | Network<br>name | MAC-address       | Ch  | Mode<br>PHY | Security        | Max signal<br>level | Vendor |
|---------|-----------------|-------------------|-----|-------------|-----------------|---------------------|--------|
| 76      | IllinoisNet     | 44:12:44:6A:77:40 | 120 | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 77      | IllinoisNet     | 44:12:44:6D:32:50 | 11  | ax          | WPA2 Enterprise | -82                 | Aruba  |
| 78      | IllinoisNet     | 44:12:44:6A:0B:E0 | 1   | ax          | WPA2 Enterprise | -70                 | Aruba  |
| 79      | IllinoisNet     | 44:12:44:6B:77:60 | 100 | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 80      | IllinoisNet     | 44:12:44:69:E3:60 | 1   | ax          | WPA2 Enterprise | -80                 | Aruba  |
| 81      | IllinoisNet     | 44:12:44:69:E3:80 | 44  | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 82      | IllinoisNet     | 44:12:44:6B:C3:50 | 44  | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 83      | IllinoisNet     | 44:12:44:69:65:F0 | 11  | ax          | WPA2 Enterprise | -69                 | Aruba  |
| 84      | IllinoisNet     | CC:88:C7:74:69:E2 | 6   | ax          | WPA2 Enterprise | -81                 | Aruba  |
| 85      | IllinoisNet     | 44:12:44:6A:57:D0 | 1   | ax          | WPA2 Enterprise | -55.3               | Aruba  |
| 86      | IllinoisNet     | 44:12:44:6A:68:10 | 120 | ax          | WPA2 Enterprise | -73.7               | Aruba  |
| 87      | IllinoisNet     | 44:12:44:6E:2A:20 | 48  | ax          | WPA2 Enterprise | -55.7               | Aruba  |
| 88      | IllinoisNet     | 44:12:44:69:BE:30 | 112 | ax          | WPA2 Enterprise | -51.7               | Aruba  |
| 89      | IllinoisNet     | 44:12:44:6E:2A:00 | 6   | ax          | WPA2 Enterprise | -53.3               | Aruba  |
| 90      | IllinoisNet     | 44:12:44:6C:C7:00 | 153 | ax          | WPA2 Enterprise | -67.3               | Aruba  |
| 91      | IllinoisNet     | 44:12:44:6C:C7:A0 | 11  | ax          | WPA2 Enterprise | -69                 | Aruba  |
| 92      | IllinoisNet     | 44:12:44:6B:DA:90 | 104 | ax          | WPA2 Enterprise | -68                 | Aruba  |
| 93      | IllinoisNet     | 44:12:44:6E:2F:30 | 108 | ax          | WPA2 Enterprise | -54.7               | Aruba  |
| 94      | IllinoisNet     | 44:12:44:69:9D:F0 | 128 | ax          | WPA2 Enterprise | -55.3               | Aruba  |
| 95      | IllinoisNet     | 44:12:44:6C:C6:E0 | 11  | ax          | WPA2 Enterprise | -61.3               | Aruba  |
| 96      | IllinoisNet     | 44:12:44:6D:92:A0 | 149 | ax          | WPA2 Enterprise | -61                 | Aruba  |
| 97      | IllinoisNet     | 44:12:44:6E:2F:10 | 11  | ax          | WPA2 Enterprise | -53.3               | Aruba  |
| 98      | IllinoisNet     | 44:12:44:69:9D:D0 | 1   | ax          | WPA2 Enterprise | -54.7               | Aruba  |
| 99      | IllinoisNet     | 44:12:44:6A:58:80 | 56  | ax          | WPA2 Enterprise | -56.3               | Aruba  |
| 10<br>0 | IllinoisNet     | 44:12:44:6A:67:F0 | 6   | ax          | WPA2 Enterprise | -69                 | Aruba  |
| 10<br>1 | IllinoisNet     | 44:12:44:69:BE:10 | 1   | ax          | WPA2 Enterprise | -58.7               | Aruba  |
| 10<br>2 | IllinoisNet     | 44:12:44:6E:97:40 | 64  | ax          | WPA2 Enterprise | -78                 | Aruba  |
| 10      | IllinoisNet     | 44:12:44:6B:DA:70 | 1   | ax          | WPA2 Enterprise | -70                 | Aruba  |
| 10<br>4 | IllinoisNet     | 44:12:44:6C:84:10 | 149 | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 10<br>5 | IllinoisNet     | 44:12:44:6A:EB:20 | 52  | ax          | WPA2 Enterprise | -65.7               | Aruba  |

| #       | Network<br>name | MAC-address       | Ch  | Mode<br>PHY | Security        | Max signal<br>level | Vendor |
|---------|-----------------|-------------------|-----|-------------|-----------------|---------------------|--------|
| 10<br>6 | IllinoisNet     | 44:12:44:6E:40:10 | 44  | ax          | WPA2 Enterprise | -68.7               | Aruba  |
| 10<br>7 | IllinoisNet     | 44:12:44:69:55:30 | 157 | ax          | WPA2 Enterprise | -54.3               | Aruba  |
| 10<br>8 | IllinoisNet     | 44:12:44:6A:EB:00 | 6   | ax          | WPA2 Enterprise | -66.3               | Aruba  |
| 10<br>9 | IllinoisNet     | 44:12:44:6E:3F:F0 | 11  | ax          | WPA2 Enterprise | -73                 | Aruba  |
| 11<br>0 | IllinoisNet     | 44:12:44:6D:92:80 | 11  | ax          | WPA2 Enterprise | -59                 | Aruba  |
| 11<br>1 | IllinoisNet     | 44:12:44:6C:50:80 | 157 | ax          | WPA2 Enterprise | -63                 | Aruba  |
| 11<br>2 | IllinoisNet     | 44:12:44:6C:50:60 | 6   | ax          | WPA2 Enterprise | -66.3               | Aruba  |
| 11<br>3 | IllinoisNet     | 44:12:44:69:55:10 | 11  | ax          | WPA2 Enterprise | -51.7               | Aruba  |
| 11<br>4 | IllinoisNet     | 44:12:44:6A:58:60 | 1   | ax          | WPA2 Enterprise | -57.7               | Aruba  |

## **Visualization #1.1.2: Signal-to-interference ratio**

Zone and snapshot: Siebel-1st Monday, May 8, 2023

| Visualization settings:          |        |
|----------------------------------|--------|
| Min signal-to-interference ratio | -96 dB |
| Max signal-to-interference ratio | 96 dB  |



Requirements: -96 dB 96 dB

Figure 1.1.2: Siebel-1st > Monday, May 8, 2023 > Signal-to-interference ratio

| # | Network<br>name | MAC-address       | Ch  | Mode<br>PHY | Security        | Max SIR | Vendor |
|---|-----------------|-------------------|-----|-------------|-----------------|---------|--------|
| 1 | IllinoisNet     | 44:12:44:6A:05:B0 | 6   | ax          | WPA2 Enterprise | 20.3    | Aruba  |
| 2 | IllinoisNet     | 44:12:44:6D:39:A0 | 1   | ax          | WPA2 Enterprise | 28      | Aruba  |
| 3 | IllinoisNet     | 44:12:44:6D:EC:10 | 108 | ax          | WPA2 Enterprise | 21.7    | Aruba  |
| 4 | IllinoisNet     | 44:12:44:6A:05:D0 | 60  | ax          | WPA2 Enterprise | 17.7    | Aruba  |
| 5 | IllinoisNet     | 44:12:44:6B:8F:60 | 64  | ax          | WPA2 Enterprise | 12.7    | Aruba  |
| 6 | IllinoisNet     | 44:12:44:69:61:10 | 11  | ax          | WPA2 Enterprise | 11      | Aruba  |
| 7 | IllinoisNet     | 44:12:44:6C:7F:D0 | 11  | ax          | WPA2 Enterprise | -3      | Aruba  |

| #  | Network<br>name | MAC-address       | Ch  | Mode<br>PHY | Security        | Max SIR | Vendor |
|----|-----------------|-------------------|-----|-------------|-----------------|---------|--------|
| 8  | IllinoisNet     | 44:12:44:6B:34:E0 | 1   | ax          | WPA2 Enterprise | -4      | Aruba  |
| 9  | IllinoisNet     | 44:12:44:6C:7F:F0 | 104 | ax          | WPA2 Enterprise | 1       | Aruba  |
| 10 | IllinoisNet     | 44:12:44:69:58:C0 | 56  | ax          | WPA2 Enterprise | -11.3   | Aruba  |
| 11 | IllinoisNet     | 44:12:44:6D:60:60 | 40  | ax          | WPA2 Enterprise | -9      | Aruba  |
| 12 | IllinoisNet     | 44:12:44:6D:39:C0 | 64  | ax          | WPA2 Enterprise | 25      | Aruba  |
| 13 | IllinoisNet     | 44:12:44:6B:35:00 | 124 | ax          | WPA2 Enterprise | -1      | Aruba  |
| 14 | IllinoisNet     | 44:12:44:6B:03:80 | 112 | ax          | WPA2 Enterprise | -9.7    | Aruba  |
| 15 | IllinoisNet     | 44:12:44:69:AF:70 | 6   | ax          | WPA2 Enterprise | -11.3   | Aruba  |
| 16 | IllinoisNet     | 44:12:44:6D:98:10 | 60  | ax          | WPA2 Enterprise | 5.7     | Aruba  |
| 17 | IllinoisNet     | 44:12:44:6D:83:10 | 149 | ax          | WPA2 Enterprise | 25      | Aruba  |
| 18 | IllinoisNet     | 44:12:44:6A:4B:F0 | 149 | ax          | WPA2 Enterprise | 6       | Aruba  |
| 19 | IllinoisNet     | 44:12:44:6D:CD:90 | 11  | ax          | WPA2 Enterprise | 5.7     | Aruba  |
| 20 | IllinoisNet     | 44:12:44:6B:5D:E0 | 120 | ax          | WPA2 Enterprise | -11     | Aruba  |
| 21 | IllinoisNet     | 44:12:44:6E:07:50 | 11  | ax          | WPA2 Enterprise | 31      | Aruba  |
| 22 | IllinoisNet     | 44:12:44:6C:3B:50 | 40  | ax          | WPA2 Enterprise | -6      | Aruba  |
| 23 | IllinoisNet     | 44:12:44:69:88:60 | 40  | ax          | WPA2 Enterprise | -9      | Aruba  |
| 24 | IllinoisNet     | 44:12:44:6A:29:D0 | 128 | ax          | WPA2 Enterprise | 0       | Aruba  |
| 25 | IllinoisNet     | 44:12:44:6B:96:20 | 128 | ax          | WPA2 Enterprise | 1.7     | Aruba  |
| 26 | IllinoisNet     | 44:12:44:6A:29:B0 | 1   | ax          | WPA2 Enterprise | -6      | Aruba  |
| 27 | IllinoisNet     | 44:12:44:6E:BF:60 | 52  | ax          | WPA2 Enterprise | 10.7    | Aruba  |
| 28 | IllinoisNet     | 44:12:44:6A:68:E0 | 11  | ax          | WPA2 Enterprise | -6      | Aruba  |
| 29 | IllinoisNet     | 44:12:44:6D:82:F0 | 11  | ax          | WPA2 Enterprise | 13.7    | Aruba  |
| 30 | IllinoisNet     | 44:12:44:69:61:30 | 153 | ax          | WPA2 Enterprise | 16.3    | Aruba  |
| 31 | IllinoisNet     | 44:12:44:69:BB:60 | 149 | ax          | WPA2 Enterprise | -14     | Aruba  |
| 32 | IllinoisNet     | 44:12:44:69:B1:10 | 120 | ax          | WPA2 Enterprise | -11     | Aruba  |
| 33 | IllinoisNet     | 44:12:44:6A:69:00 | 120 | ax          | WPA2 Enterprise | -10     | Aruba  |
| 34 | IllinoisNet     | 44:12:44:6D:9B:40 | 116 | ax          | WPA2 Enterprise | 8.7     | Aruba  |
| 35 | IllinoisNet     | 94:64:24:9B:07:80 | 104 | ax          | WPA2 Enterprise | -10     | Aruba  |
| 36 | IllinoisNet     | 44:12:44:69:E1:40 | 104 | ax          | WPA2 Enterprise | 0.3     | Aruba  |
| 37 | IllinoisNet     | 44:12:44:6E:17:90 | 100 | ax          | WPA2 Enterprise | -7.7    | Aruba  |
| 38 | IllinoisNet     | 44:12:44:69:A6:C0 | 56  | ax          | WPA2 Enterprise | -11.3   | Aruba  |
| 39 | IllinoisNet     | 44:12:44:6E:68:C0 | 40  | ax          | WPA2 Enterprise | 5       | Aruba  |
| 40 | IllinoisNet     | 44:12:44:6A:0C:00 | 157 | ax          | WPA2 Enterprise | -9      | Aruba  |
| 41 | IllinoisNet     | 44:12:44:6D:16:E0 | 48  | ax          | WPA2 Enterprise | 20.3    | Aruba  |

| #  | Network<br>name | MAC-address       | Ch  | Mode<br>PHY | Security        | Max SIR | Vendor |
|----|-----------------|-------------------|-----|-------------|-----------------|---------|--------|
| 42 | IllinoisNet     | 44:12:44:6A:63:C0 | 128 | ax          | WPA2 Enterprise | -11     | Aruba  |
| 43 | IllinoisNet     | 44:12:44:6E:F8:90 | 108 | ax          | WPA2 Enterprise | 7.3     | Aruba  |
| 44 | IllinoisNet     | 44:12:44:6B:00:30 | 6   | ax          | WPA2 Enterprise | 0       | Aruba  |
| 45 | IllinoisNet     | 44:12:44:6D:9B:20 | 6   | ax          | WPA2 Enterprise | 1       | Aruba  |
| 46 | IllinoisNet     | 44:12:44:6D:16:C0 | 11  | ax          | WPA2 Enterprise | 16      | Aruba  |
| 47 | IllinoisNet     | 44:12:44:6C:C7:C0 | 161 | ax          | WPA2 Enterprise | 9.7     | Aruba  |
| 48 | IllinoisNet     | 44:12:44:6E:BF:40 | 6   | ax          | WPA2 Enterprise | 13.3    | Aruba  |
| 49 | IllinoisNet     | 44:12:44:6E:07:70 | 36  | ax          | WPA2 Enterprise | 29      | Aruba  |
| 50 | IllinoisNet     | 44:12:44:6A:D0:80 | 36  | ax          | WPA2 Enterprise | 4.7     | Aruba  |
| 51 | IllinoisNet     | 44:12:44:69:70:40 | 6   | ax          | WPA2 Enterprise | 24.3    | Aruba  |
| 52 | IllinoisNet     | 44:12:44:6D:EB:F0 | 6   | ax          | WPA2 Enterprise | 9       | Aruba  |
| 53 | IllinoisNet     | 44:12:44:6A:57:F0 | 128 | ax          | WPA2 Enterprise | 19      | Aruba  |
| 54 | IllinoisNet     | 44:12:44:6D:CD:B0 | 124 | ax          | WPA2 Enterprise | 18.3    | Aruba  |
| 55 | IllinoisNet     | 44:12:44:69:70:60 | 112 | ax          | WPA2 Enterprise | 23      | Aruba  |
| 56 | IllinoisNet     | 44:12:44:6B:8F:40 | 1   | ax          | WPA2 Enterprise | 2       | Aruba  |
| 57 | IllinoisNet     | 44:12:44:69:58:A0 | 11  | ax          | WPA2 Enterprise | -15.7   | Aruba  |
| 58 | IllinoisNet     | 44:12:44:69:BB:40 | 6   | ax          | WPA2 Enterprise | -16.3   | Aruba  |
| 59 | IllinoisNet     | 44:12:44:6B:03:60 | 1   | ax          | WPA2 Enterprise | -13     | Aruba  |
| 60 | IllinoisNet     | 44:12:44:69:AF:90 | 48  | ax          | WPA2 Enterprise | 8       | Aruba  |
| 61 | IllinoisNet     | 44:12:44:6D:54:D0 | 6   | ax          | WPA2 Enterprise | -13     | Aruba  |
| 62 | IllinoisNet     | 44:12:44:6D:54:F0 | 48  | ax          | WPA2 Enterprise | -17     | Aruba  |
| 63 | IllinoisNet     | 44:12:44:6E:F8:70 | 1   | ax          | WPA2 Enterprise | -9      | Aruba  |
| 64 | IllinoisNet     | 44:12:44:6B:96:00 | 1   | ax          | WPA2 Enterprise | -7.3    | Aruba  |
| 65 | IllinoisNet     | 44:12:44:6D:97:F0 | 1   | ax          | WPA2 Enterprise | -6      | Aruba  |
| 66 | IllinoisNet     | 44:12:44:6C:70:C0 | 40  | ax          | WPA2 Enterprise | -11     | Aruba  |
| 67 | IllinoisNet     | 44:12:44:69:E1:20 | 1   | ax          | WPA2 Enterprise | -19.7   | Aruba  |
| 68 | IllinoisNet     | 44:12:44:6C:77:20 | 56  | ax          | WPA2 Enterprise | -19     | Aruba  |
| 69 | IllinoisNet     | 44:12:44:6D:C5:70 | 60  | ax          | WPA2 Enterprise | -18     | Aruba  |
| 70 | IllinoisNet     | 44:12:44:6D:1E:00 | 48  | ax          | WPA2 Enterprise | -17     | Aruba  |
| 71 | IllinoisNet     | 44:12:44:6E:A3:40 | 44  | ax          | WPA2 Enterprise | -19     | Aruba  |
| 72 | IllinoisNet     | 44:12:44:6E:68:A0 | 1   | ax          | WPA2 Enterprise | -14     | Aruba  |
| 73 | IllinoisNet     | 44:12:44:6A:4B:D0 | 1   | ax          | WPA2 Enterprise | -16.7   | Aruba  |
| 74 | IllinoisNet     | 44:12:44:6A:D0:60 | 1   | ax          | WPA2 Enterprise | 3.7     | Aruba  |
| 75 | IllinoisNet     | 44:12:44:6B:00:50 | 149 | ax          | WPA2 Enterprise | -9      | Aruba  |

| #       | Network<br>name | MAC-address       | Ch  | Mode<br>PHY | Security        | Max SIR | Vendor |
|---------|-----------------|-------------------|-----|-------------|-----------------|---------|--------|
| 76      | IllinoisNet     | 44:12:44:6A:77:40 | 120 | ax          | WPA2 Enterprise | -11.7   | Aruba  |
| 77      | IllinoisNet     | 44:12:44:6D:32:50 | 11  | ax          | WPA2 Enterprise | -16.7   | Aruba  |
| 78      | IllinoisNet     | 44:12:44:6A:0B:E0 | 1   | ax          | WPA2 Enterprise | -16.7   | Aruba  |
| 79      | IllinoisNet     | 44:12:44:6B:77:60 | 100 | ax          | WPA2 Enterprise | -7.7    | Aruba  |
| 80      | IllinoisNet     | 44:12:44:69:E3:60 | 1   | ax          | WPA2 Enterprise | -26.7   | Aruba  |
| 81      | IllinoisNet     | 44:12:44:69:E3:80 | 44  | ax          | WPA2 Enterprise | -15     | Aruba  |
| 82      | IllinoisNet     | 44:12:44:6B:C3:50 | 44  | ax          | WPA2 Enterprise | -16.3   | Aruba  |
| 83      | IllinoisNet     | 44:12:44:69:65:F0 | 11  | ax          | WPA2 Enterprise | -3.7    | Aruba  |
| 84      | IllinoisNet     | CC:88:C7:74:69:E2 | 6   | ax          | WPA2 Enterprise | -17     | Aruba  |
| 85      | IllinoisNet     | 44:12:44:6A:57:D0 | 1   | ax          | WPA2 Enterprise | 8.7     | Aruba  |
| 86      | IllinoisNet     | 44:12:44:6A:68:10 | 120 | ax          | WPA2 Enterprise | -7      | Aruba  |
| 87      | IllinoisNet     | 44:12:44:6E:2A:20 | 48  | ax          | WPA2 Enterprise | 14.3    | Aruba  |
| 88      | IllinoisNet     | 44:12:44:69:BE:30 | 112 | ax          | WPA2 Enterprise | 16.3    | Aruba  |
| 89      | IllinoisNet     | 44:12:44:6E:2A:00 | 6   | ax          | WPA2 Enterprise | 17      | Aruba  |
| 90      | IllinoisNet     | 44:12:44:6C:C7:00 | 153 | ax          | WPA2 Enterprise | 8.7     | Aruba  |
| 91      | IllinoisNet     | 44:12:44:6C:C7:A0 | 11  | ax          | WPA2 Enterprise | -6.7    | Aruba  |
| 92      | IllinoisNet     | 44:12:44:6B:DA:90 | 104 | ax          | WPA2 Enterprise | 6       | Aruba  |
| 93      | IllinoisNet     | 44:12:44:6E:2F:30 | 108 | ax          | WPA2 Enterprise | 19.3    | Aruba  |
| 94      | IllinoisNet     | 44:12:44:69:9D:F0 | 128 | ax          | WPA2 Enterprise | 18.7    | Aruba  |
| 95      | IllinoisNet     | 44:12:44:6C:C6:E0 | 11  | ax          | WPA2 Enterprise | 10.7    | Aruba  |
| 96      | IllinoisNet     | 44:12:44:6D:92:A0 | 149 | ax          | WPA2 Enterprise | 16      | Aruba  |
| 97      | IllinoisNet     | 44:12:44:6E:2F:10 | 11  | ax          | WPA2 Enterprise | 18.7    | Aruba  |
| 98      | IllinoisNet     | 44:12:44:69:9D:D0 | 1   | ax          | WPA2 Enterprise | 10.7    | Aruba  |
| 99      | IllinoisNet     | 44:12:44:6A:58:80 | 56  | ax          | WPA2 Enterprise | 19.3    | Aruba  |
| 10<br>0 | IllinoisNet     | 44:12:44:6A:67:F0 | 6   | ax          | WPA2 Enterprise | 3.3     | Aruba  |
| 10<br>1 | IllinoisNet     | 44:12:44:69:BE:10 | 1   | ax          | WPA2 Enterprise | 8.3     | Aruba  |
| 10<br>2 | IllinoisNet     | 44:12:44:6E:97:40 | 64  | ax          | WPA2 Enterprise | -15.7   | Aruba  |
| 10      | IllinoisNet     | 44:12:44:6B:DA:70 | 1   | ax          | WPA2 Enterprise | -7.7    | Aruba  |
| 10<br>4 | IllinoisNet     | 44:12:44:6C:84:10 | 149 | ax          | WPA2 Enterprise | -4      | Aruba  |
| 10<br>5 | IllinoisNet     | 44:12:44:6A:EB:20 | 52  | ax          | WPA2 Enterprise | 3       | Aruba  |

| #       | Network<br>name | MAC-address       | Ch  | Mode<br>PHY | Security        | Max SIR | Vendor |
|---------|-----------------|-------------------|-----|-------------|-----------------|---------|--------|
| 10<br>6 | IllinoisNet     | 44:12:44:6E:40:10 | 44  | ax          | WPA2 Enterprise | 0       | Aruba  |
| 10<br>7 | IllinoisNet     | 44:12:44:69:55:30 | 157 | ax          | WPA2 Enterprise | 14      | Aruba  |
| 10<br>8 | IllinoisNet     | 44:12:44:6A:EB:00 | 6   | ax          | WPA2 Enterprise | 7       | Aruba  |
| 10<br>9 | IllinoisNet     | 44:12:44:6E:3F:F0 | 11  | ax          | WPA2 Enterprise | -1      | Aruba  |
| 11<br>0 | IllinoisNet     | 44:12:44:6D:92:80 | 11  | ax          | WPA2 Enterprise | 13      | Aruba  |
| 11<br>1 | IllinoisNet     | 44:12:44:6C:50:80 | 157 | ax          | WPA2 Enterprise | 7.7     | Aruba  |
| 11<br>2 | IllinoisNet     | 44:12:44:6C:50:60 | 6   | ax          | WPA2 Enterprise | 4       | Aruba  |
| 11<br>3 | IllinoisNet     | 44:12:44:69:55:10 | 11  | ax          | WPA2 Enterprise | 22.3    | Aruba  |
| 11<br>4 | IllinoisNet     | 44:12:44:6A:58:60 | 1   | ax          | WPA2 Enterprise | 1.3     | Aruba  |

#### Zone #2: Siebel-2nd

**Map size:** 148.4 x 96 m

**Zone survey duration:** 19 min

Survey started on 08 May 2023, 14:42:49 Survey ended on 08 May 2023, 15:01:51

This zone has 1 snapshot(s) and 41 sampling points in total.

| # | Snapshot            | Started               | Ended                 | Duration | Samples |
|---|---------------------|-----------------------|-----------------------|----------|---------|
| 1 | Monday, May 8, 2023 | 08 May 2023, 14:42:49 | 08 May 2023, 15:01:51 | 19 min   | 41      |

Snapshot #2.1: Monday, May 8, 2023

**Snapshot survey duration:** 19 min

Survey started on 08 May 2023, 14:42:49 Survey ended on 08 May 2023, 15:01:51 This snapshot has 41 sampling points in total.

## **Visualization #2.1.1: Signal level**

Zone and snapshot: Siebel-2nd Monday, May 8, 2023

| Visualization settings: |         |
|-------------------------|---------|
| Min signal level        | -96 dBm |
| Max signal level        | -10 dBm |



Requirements: -96 dBm -10 dBm

Figure 2.1.1: Siebel-2nd > Monday, May 8, 2023 > Signal level

| # | Network<br>name | MAC-address       | Ch  | Mode<br>PHY | Security        | Max signal<br>level | Vendor |
|---|-----------------|-------------------|-----|-------------|-----------------|---------------------|--------|
| 1 | IllinoisNet     | 44:12:44:6A:0C:00 | 157 | ax          | WPA2 Enterprise | -46.7               | Aruba  |
| 2 | IllinoisNet     | 44:12:44:6B:00:30 | 6   | ax          | WPA2 Enterprise | -68                 | Aruba  |
| 3 | IllinoisNet     | 44:12:44:6D:CD:B0 | 124 | ax          | WPA2 Enterprise | -77                 | Aruba  |
| 4 | IllinoisNet     | 44:12:44:69:70:60 | 112 | ax          | WPA2 Enterprise | -67                 | Aruba  |
| 5 | IllinoisNet     | 44:12:44:6D:39:C0 | 64  | ax          | WPA2 Enterprise | -66                 | Aruba  |
| 6 | IllinoisNet     | 44:12:44:6B:03:80 | 112 | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 7 | IllinoisNet     | 44:12:44:6A:05:D0 | 60  | ax          | WPA2 Enterprise | -70                 | Aruba  |

| #  | Network<br>name | MAC-address       | Ch  | Mode<br>PHY | Security        | Max signal<br>level | Vendor |
|----|-----------------|-------------------|-----|-------------|-----------------|---------------------|--------|
| 8  | IllinoisNet     | 44:12:44:6E:A3:40 | 44  | ax          | WPA2 Enterprise | -55.7               | Aruba  |
| 9  | IllinoisNet     | 44:12:44:6E:BF:60 | 52  | ax          | WPA2 Enterprise | -66                 | Aruba  |
| 10 | IllinoisNet     | 44:12:44:69:B0:F0 | 6   | ax          | WPA2 Enterprise | -42.7               | Aruba  |
| 11 | IllinoisNet     | 44:12:44:6E:BF:40 | 6   | ax          | WPA2 Enterprise | -67                 | Aruba  |
| 12 | IllinoisNet     | 44:12:44:6A:05:B0 | 6   | ax          | WPA2 Enterprise | -54                 | Aruba  |
| 13 | IllinoisNet     | 44:12:44:69:70:40 | 6   | ax          | WPA2 Enterprise | -59                 | Aruba  |
| 14 | IllinoisNet     | 44:12:44:6D:EB:F0 | 6   | ax          | WPA2 Enterprise | -72                 | Aruba  |
| 15 | IllinoisNet     | 44:12:44:6B:5D:E0 | 120 | ax          | WPA2 Enterprise | -70.3               | Aruba  |
| 16 | IllinoisNet     | 44:12:44:6C:C5:80 | 36  | ax          | WPA2 Enterprise | -78                 | Aruba  |
| 17 | IllinoisNet     | 44:12:44:6D:9B:20 | 6   | ax          | WPA2 Enterprise | -72                 | Aruba  |
| 18 | IllinoisNet     | 44:12:44:6A:29:D0 | 128 | ax          | WPA2 Enterprise | -55.3               | Aruba  |
| 19 | IllinoisNet     | 44:12:44:6E:F8:90 | 108 | ax          | WPA2 Enterprise | -78                 | Aruba  |
| 20 | IllinoisNet     | 44:12:44:6E:75:50 | 36  | ax          | WPA2 Enterprise | -53.7               | Aruba  |
| 21 | IllinoisNet     | 44:12:44:6B:96:20 | 128 | ax          | WPA2 Enterprise | -58                 | Aruba  |
| 22 | IllinoisNet     | 44:12:44:69:B6:80 | 161 | ax          | WPA2 Enterprise | -62.7               | Aruba  |
| 23 | IllinoisNet     | 44:12:44:69:B1:10 | 120 | ax          | WPA2 Enterprise | -44.3               | Aruba  |
| 24 | IllinoisNet     | 44:12:44:6A:B0:10 | 108 | ax          | WPA2 Enterprise | -74.7               | Aruba  |
| 25 | IllinoisNet     | 44:12:44:6A:69:00 | 120 | ax          | WPA2 Enterprise | -59.3               | Aruba  |
| 26 | IllinoisNet     | 44:12:44:6E:BD:00 | 11  | ax          | WPA2 Enterprise | -68                 | Aruba  |
| 27 | IllinoisNet     | 44:12:44:6C:38:90 | 11  | ax          | WPA2 Enterprise | -59.3               | Aruba  |
| 28 | IllinoisNet     | 44:12:44:6A:0B:E0 | 1   | ax          | WPA2 Enterprise | -49.7               | Aruba  |
| 29 | IllinoisNet     | 44:12:44:6E:75:30 | 1   | ax          | WPA2 Enterprise | -46.7               | Aruba  |
| 30 | IllinoisNet     | 44:12:44:6B:C3:50 | 44  | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 31 | IllinoisNet     | 44:12:44:6C:38:B0 | 112 | ax          | WPA2 Enterprise | -59                 | Aruba  |
| 32 | IllinoisNet     | 44:12:44:6C:70:C0 | 40  | ax          | WPA2 Enterprise | -49                 | Aruba  |
| 33 | IllinoisNet     | 44:12:44:6C:70:A0 | 6   | ax          | WPA2 Enterprise | -47.3               | Aruba  |
| 34 | IllinoisNet     | 44:12:44:6D:C5:70 | 60  | ax          | WPA2 Enterprise | -68                 | Aruba  |
| 35 | IllinoisNet     | 44:12:44:6D:32:70 | 52  | ax          | WPA2 Enterprise | -59                 | Aruba  |
| 36 | IllinoisNet     | 44:12:44:6D:32:50 | 11  | ax          | WPA2 Enterprise | -59                 | Aruba  |
| 37 | IllinoisNet     | 44:12:44:6A:77:40 | 120 | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 38 | IllinoisNet     | 44:12:44:6E:BD:20 | 100 | ax          | WPA2 Enterprise | -64                 | Aruba  |
| 39 | IllinoisNet     | 44:12:44:6E:07:70 | 36  | ax          | WPA2 Enterprise | -69                 | Aruba  |
| 40 | IllinoisNet     | 44:12:44:69:B6:60 | 6   | ax          | WPA2 Enterprise | -64.3               | Aruba  |
| 41 | IllinoisNet     | 44:12:44:6D:9B:40 | 116 | ax          | WPA2 Enterprise | -77                 | Aruba  |

| #  | Network<br>name | MAC-address       | Ch  | Mode<br>PHY | Security        | Max signal<br>level | Vendor |
|----|-----------------|-------------------|-----|-------------|-----------------|---------------------|--------|
| 42 | IllinoisNet     | 44:12:44:69:E3:80 | 44  | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 43 | IllinoisNet     | 44:12:44:6A:57:F0 | 128 | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 44 | IllinoisNet     | 44:12:44:6A:A6:80 | 60  | ax          | WPA2 Enterprise | -71.3               | Aruba  |
| 45 | IllinoisNet     | 44:12:44:69:E1:40 | 104 | ax          | WPA2 Enterprise | -55                 | Aruba  |
| 46 | IllinoisNet     | 44:12:44:69:E1:20 | 1   | ax          | WPA2 Enterprise | -62.3               | Aruba  |
| 47 | IllinoisNet     | 44:12:44:6E:68:C0 | 40  | ax          | WPA2 Enterprise | -45                 | Aruba  |
| 48 | IllinoisNet     | 44:12:44:6E:68:A0 | 1   | ax          | WPA2 Enterprise | -47                 | Aruba  |
| 49 | IllinoisNet     | 44:12:44:6B:96:00 | 1   | ax          | WPA2 Enterprise | -61.7               | Aruba  |
| 50 | IllinoisNet     | 44:12:44:6A:A6:60 | 1   | ax          | WPA2 Enterprise | -73                 | Aruba  |
| 51 | IllinoisNet     | 44:12:44:6B:00:50 | 149 | ax          | WPA2 Enterprise | -66.7               | Aruba  |
| 52 | IllinoisNet     | 44:12:44:69:88:60 | 40  | ax          | WPA2 Enterprise | -78                 | Aruba  |
| 53 | IllinoisNet     | 44:12:44:6B:5D:C0 | 11  | ax          | WPA2 Enterprise | -69                 | Aruba  |
| 54 | IllinoisNet     | 44:12:44:6A:68:E0 | 11  | ax          | WPA2 Enterprise | -62                 | Aruba  |
| 55 | IllinoisNet     | 44:12:44:69:A6:C0 | 56  | ax          | WPA2 Enterprise | -69                 | Aruba  |
| 56 | IllinoisNet     | 44:12:44:6C:77:20 | 56  | ax          | WPA2 Enterprise | -77                 | Aruba  |
| 57 | IllinoisNet     | 44:12:44:6D:1E:00 | 48  | ax          | WPA2 Enterprise | -75                 | Aruba  |
| 58 | IllinoisNet     | 44:12:44:6C:1F:C0 | 60  | ax          | WPA2 Enterprise | -78.7               | Aruba  |
| 59 | IllinoisNet     | 44:12:44:6A:29:B0 | 1   | ax          | WPA2 Enterprise | -47                 | Aruba  |
| 60 | IllinoisNet     | 44:12:44:6C:3B:50 | 40  | ax          | WPA2 Enterprise | -74                 | Aruba  |
| 61 | IllinoisNet     | 44:12:44:6C:1F:A0 | 1   | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 62 | IllinoisNet     | 44:12:44:6B:63:50 | 157 | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 63 | IllinoisNet     | 44:12:44:6E:F5:00 | 100 | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 64 | IllinoisNet     | 44:12:44:6D:82:C0 | 1   | ax          | WPA2 Enterprise | -57.7               | Aruba  |
| 65 | IllinoisNet     | 44:12:44:6D:82:E0 | 56  | ax          | WPA2 Enterprise | -60                 | Aruba  |
| 66 | IllinoisNet     | 44:12:44:6A:63:C0 | 128 | ax          | WPA2 Enterprise | -78.3               | Aruba  |
| 67 | IllinoisNet     | 44:12:44:6D:2E:00 | 6   | ax          | WPA2 Enterprise | -83                 | Aruba  |
| 68 | IllinoisNet     | 44:12:44:6D:2E:20 | 128 | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 69 | IllinoisNet     | 44:12:44:6B:8C:90 | 104 | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 70 | IllinoisNet     | 44:12:44:6E:17:70 | 11  | ax          | WPA2 Enterprise | -75.7               | Aruba  |
| 71 | IllinoisNet     | 44:12:44:69:A6:A0 | 6   | ax          | WPA2 Enterprise | -66.3               | Aruba  |
| 72 | IllinoisNet     | 44:12:44:6E:A3:20 | 11  | ax          | WPA2 Enterprise | -50                 | Aruba  |
| 73 | IllinoisNet     | 44:12:44:6B:BD:20 | 153 | ax          | WPA2 Enterprise | -67                 | Aruba  |
| 74 | IllinoisNet     | 44:12:44:6E:17:90 | 100 | ax          | WPA2 Enterprise | -74                 | Aruba  |
| 75 | IllinoisNet     | 44:12:44:6D:83:10 | 149 | ax          | WPA2 Enterprise | -76                 | Aruba  |

| #       | Network<br>name | MAC-address       | Ch  | Mode<br>PHY | Security        | Max signal<br>level | Vendor |
|---------|-----------------|-------------------|-----|-------------|-----------------|---------------------|--------|
| 76      | IllinoisNet     | 44:12:44:6C:98:50 | 112 | ax          | WPA2 Enterprise | -51                 | Aruba  |
| 77      | IllinoisNet     | 94:64:24:9B:07:80 | 104 | ax          | WPA2 Enterprise | -74.7               | Aruba  |
| 78      | IllinoisNet     | 44:12:44:6D:16:C0 | 11  | ax          | WPA2 Enterprise | -71                 | Aruba  |
| 79      | IllinoisNet     | 44:12:44:6A:4B:F0 | 149 | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 80      | IllinoisNet     | 44:12:44:6C:3B:30 | 11  | ax          | WPA2 Enterprise | -63                 | Aruba  |
| 81      | IllinoisNet     | 44:12:44:6B:63:30 | 1   | ax          | WPA2 Enterprise | -83                 | Aruba  |
| 82      | IllinoisNet     | 44:12:44:6D:1D:E0 | 11  | ax          | WPA2 Enterprise | -76                 | Aruba  |
| 83      | IllinoisNet     | 44:12:44:6D:16:E0 | 48  | ax          | WPA2 Enterprise | -67                 | Aruba  |
| 84      | IllinoisNet     | 44:12:44:6D:C5:50 | 11  | ax          | WPA2 Enterprise | -68                 | Aruba  |
| 85      | IllinoisNet     | 44:12:44:6C:98:30 | 11  | ax          | WPA2 Enterprise | -52                 | Aruba  |
| 86      | IllinoisNet     | 44:12:44:6D:1E:F0 | 120 | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 87      | IllinoisNet     | 44:12:44:69:FB:80 | 64  | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 88      | IllinoisNet     | 44:12:44:6D:CD:90 | 11  | ax          | WPA2 Enterprise | -77                 | Aruba  |
| 89      | IllinoisNet     | 44:12:44:6D:82:F0 | 11  | ax          | WPA2 Enterprise | -73                 | Aruba  |
| 90      | IllinoisNet     | 44:12:44:6A:D0:80 | 36  | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 91      | IllinoisNet     | 44:12:44:6E:BF:30 | 157 | ax          | WPA2 Enterprise | -55                 | Aruba  |
| 92      | IllinoisNet     | 44:12:44:6A:AF:F0 | 6   | ax          | WPA2 Enterprise | -83                 | Aruba  |
| 93      | IllinoisNet     | 44:12:44:6E:F8:70 | 1   | ax          | WPA2 Enterprise | -82                 | Aruba  |
| 94      | IllinoisNet     | 44:12:44:6A:4B:D0 | 1   | ax          | WPA2 Enterprise | -83                 | Aruba  |
| 95      | IllinoisNet     | 44:12:44:6A:D0:60 | 1   | ax          | WPA2 Enterprise | -83                 | Aruba  |
| 96      | IllinoisNet     | 44:12:44:6B:BD:00 | 6   | ax          | WPA2 Enterprise | -67                 | Aruba  |
| 97      | IllinoisNet     | 44:12:44:6C:CF:40 | 124 | ax          | WPA2 Enterprise | -71.7               | Aruba  |
| 98      | IllinoisNet     | 44:12:44:6C:37:C0 | 116 | ax          | WPA2 Enterprise | -54.3               | Aruba  |
| 99      | IllinoisNet     | 44:12:44:6E:97:40 | 64  | ax          | WPA2 Enterprise | -72                 | Aruba  |
| 10<br>0 | IllinoisNet     | 44:12:44:6C:84:10 | 149 | ax          | WPA2 Enterprise | -57.3               | Aruba  |
| 10<br>1 | IllinoisNet     | 44:12:44:6E:BF:10 | 6   | ax          | WPA2 Enterprise | -49                 | Aruba  |
| 10<br>2 | IllinoisNet     | 44:12:44:6C:0B:20 | 108 | ax          | WPA2 Enterprise | -72                 | Aruba  |
| 10      | IllinoisNet     | 44:12:44:6C:37:A0 | 11  | ax          | WPA2 Enterprise | -50.7               | Aruba  |
| 10<br>4 | IllinoisNet     | 44:12:44:6C:CF:20 | 11  | ax          | WPA2 Enterprise | -74                 | Aruba  |
| 10<br>5 | IllinoisNet     | 44:12:44:6E:97:20 | 1   | ax          | WPA2 Enterprise | -75                 | Aruba  |

| #       | Network<br>name | MAC-address       | Ch  | Mode<br>PHY | Security        | Max signal<br>level | Vendor |
|---------|-----------------|-------------------|-----|-------------|-----------------|---------------------|--------|
| 10<br>6 | IllinoisNet     | 44:12:44:6A:CA:B0 | 100 | ax          | WPA2 Enterprise | -58.3               | Aruba  |
| 10<br>7 | IllinoisNet     | 44:12:44:6D:13:20 | 48  | ax          | WPA2 Enterprise | -56                 | Aruba  |
| 10<br>8 | IllinoisNet     | 44:12:44:6D:13:00 | 1   | ax          | WPA2 Enterprise | -54                 | Aruba  |
| 10<br>9 | IllinoisNet     | 44:12:44:6E:18:50 | 36  | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 11<br>0 | IllinoisNet     | 44:12:44:6D:3F:90 | 161 | ax          | WPA2 Enterprise | -63.7               | Aruba  |
| 11<br>1 | IllinoisNet     | 44:12:44:6A:CA:90 | 1   | ax          | WPA2 Enterprise | -63.3               | Aruba  |
| 11<br>2 | IllinoisNet     | 44:12:44:6C:83:F0 | 1   | ax          | WPA2 Enterprise | -56                 | Aruba  |
| 11      | IllinoisNet     | 44:12:44:6D:5C:10 | 64  | ax          | WPA2 Enterprise | -49.3               | Aruba  |
| 11<br>4 | IllinoisNet     | 44:12:44:6C:D6:60 | 104 | ax          | WPA2 Enterprise | -54.3               | Aruba  |
| 11<br>5 | IllinoisNet     | CC:88:C7:74:89:42 | 11  | ax          | WPA2 Enterprise | -80                 | Aruba  |
| 11<br>6 | IllinoisNet     | 44:12:44:6A:D9:50 | 124 | ax          | WPA2 Enterprise | -55.3               | Aruba  |
| 11<br>7 | IllinoisNet     | 44:12:44:6D:3F:70 | 6   | ax          | WPA2 Enterprise | -62.3               | Aruba  |
| 11<br>8 | IllinoisNet     | 44:12:44:6A:15:90 | 100 | ax          | WPA2 Enterprise | -52                 | Aruba  |
| 11<br>9 | IllinoisNet     | 44:12:44:6B:BE:40 | 116 | ax          | WPA2 Enterprise | -74                 | Aruba  |
| 12<br>0 | IllinoisNet     | 44:12:44:6D:5B:F0 | 11  | ax          | WPA2 Enterprise | -51                 | Aruba  |
| 12<br>1 | IllinoisNet     | 44:12:44:6E:2A:20 | 48  | ax          | WPA2 Enterprise | -76                 | Aruba  |
| 12<br>2 | IllinoisNet     | 44:12:44:6E:07:50 | 11  | ax          | WPA2 Enterprise | -71.7               | Aruba  |
| 12<br>3 | IllinoisNet     | 44:12:44:6B:BE:20 | 11  | ax          | WPA2 Enterprise | -68.3               | Aruba  |
| 12<br>4 | IllinoisNet     | 44:12:44:6E:18:30 | 11  | ax          | WPA2 Enterprise | -76                 | Aruba  |
| 12<br>5 | IllinoisNet     | 44:12:44:6B:91:70 | 153 | ax          | WPA2 Enterprise | -45.7               | Aruba  |
| 12<br>6 | IllinoisNet     | 44:12:44:6A:D9:30 | 1   | ax          | WPA2 Enterprise | -54.7               | Aruba  |

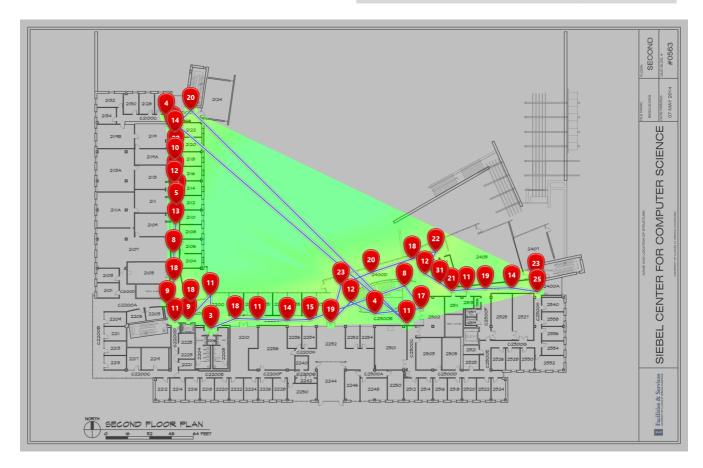
| #       | Network<br>name | MAC-address       | Ch  | Mode<br>PHY | Security        | Max signal<br>level | Vendor |
|---------|-----------------|-------------------|-----|-------------|-----------------|---------------------|--------|
| 12<br>7 | IllinoisNet     | 44:12:44:6A:76:80 | 116 | ax          | WPA2 Enterprise | -63.3               | Aruba  |
| 12<br>8 | IllinoisNet     | 44:12:44:6B:DA:70 | 1   | ax          | WPA2 Enterprise | -81                 | Aruba  |
| 12<br>9 | IllinoisNet     | 44:12:44:6C:0B:00 | 6   | ax          | WPA2 Enterprise | -68                 | Aruba  |
| 13<br>0 | IllinoisNet     | 44:12:44:6C:C6:E0 | 11  | ax          | WPA2 Enterprise | -77                 | Aruba  |
| 13<br>1 | IllinoisNet     | 44:12:44:69:BE:30 | 112 | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 13<br>2 | IllinoisNet     | 44:12:44:6A:EB:20 | 52  | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 13<br>3 | IllinoisNet     | 44:12:44:6A:74:B0 | 1   | ax          | WPA2 Enterprise | -80                 | Aruba  |
| 13<br>4 | IllinoisNet     | 44:12:44:6C:D6:40 | 1   | ax          | WPA2 Enterprise | -58                 | Aruba  |
| 13<br>5 | IllinoisNet     | 44:12:44:6E:7B:20 | 40  | ax          | WPA2 Enterprise | -53.3               | Aruba  |
| 13<br>6 | IllinoisNet     | 44:12:44:6A:76:60 | 11  | ax          | WPA2 Enterprise | -63                 | Aruba  |
| 13<br>7 | IllinoisNet     | 44:12:44:6E:2A:00 | 6   | ax          | WPA2 Enterprise | -79                 | Aruba  |
| 13<br>8 | IllinoisNet     | 44:12:44:6E:7B:00 | 6   | ax          | WPA2 Enterprise | -63.3               | Aruba  |
| 13<br>9 | IllinoisNet     | 44:12:44:6B:68:30 | 56  | ax          | WPA2 Enterprise | -55.3               | Aruba  |
| 14<br>0 | IllinoisNet     | 44:12:44:6A:15:70 | 11  | ax          | WPA2 Enterprise | -54.3               | Aruba  |
| 14<br>1 | IllinoisNet     | 44:12:44:6D:92:70 | 116 | ax          | WPA2 Enterprise | -54                 | Aruba  |
| 14<br>2 | IllinoisNet     | 44:12:44:6A:61:E0 | 44  | ax          | WPA2 Enterprise | -53.7               | Aruba  |
| 14<br>3 | IllinoisNet     | 44:12:44:6A:61:C0 | 6   | ax          | WPA2 Enterprise | -52                 | Aruba  |
| 14<br>4 | IllinoisNet     | 44:12:44:6B:91:50 | 6   | ax          | WPA2 Enterprise | -48                 | Aruba  |
| 14<br>5 | IllinoisNet     | 44:12:44:6B:68:10 | 1   | ax          | WPA2 Enterprise | -60.3               | Aruba  |
| 14<br>6 | IllinoisNet     | 44:12:44:6D:92:50 | 11  | ax          | WPA2 Enterprise | -50                 | Aruba  |
| 14<br>7 | IllinoisNet     | 44:12:44:6B:3A:50 | 1   | ax          | WPA2 Enterprise | -82                 | Aruba  |

| #       | Network<br>name | MAC-address       | Ch | Mode<br>PHY | Security        | Max signal<br>level | Vendor |
|---------|-----------------|-------------------|----|-------------|-----------------|---------------------|--------|
| 14<br>8 | IllinoisNet     | 44:12:44:69:88:40 | 6  | ax          | WPA2 Enterprise | -76                 | Aruba  |

#### **Visualization #2.1.2: Signal-to-interference ratio**

Zone and snapshot: Siebel-2nd Monday, May 8, 2023

# Visualization settings: Min signal-to-interference ratio -96 dB Max signal-to-interference ratio 96 dB



Requirements: -96 dB 96 dB

Figure 2.1.2: Siebel-2nd > Monday, May 8, 2023 > Signal-to-interference ratio

| # | Network<br>name | MAC-address       | Ch  | Mode<br>PHY | Security        | Max SIR | Vendor |
|---|-----------------|-------------------|-----|-------------|-----------------|---------|--------|
| 1 | IllinoisNet     | 44:12:44:6A:0C:00 | 157 | ax          | WPA2 Enterprise | 32      | Aruba  |
| 2 | IllinoisNet     | 44:12:44:6B:00:30 | 6   | ax          | WPA2 Enterprise | 6.3     | Aruba  |
| 3 | IllinoisNet     | 44:12:44:6D:CD:B0 | 124 | ax          | WPA2 Enterprise | -13.7   | Aruba  |
| 4 | IllinoisNet     | 44:12:44:69:70:60 | 112 | ax          | WPA2 Enterprise | -1      | Aruba  |
| 5 | IllinoisNet     | 44:12:44:6D:39:C0 | 64  | ax          | WPA2 Enterprise | 6.7     | Aruba  |
| 6 | IllinoisNet     | 44:12:44:6B:03:80 | 112 | ax          | WPA2 Enterprise | -34.7   | Aruba  |
| 7 | IllinoisNet     | 44:12:44:6A:05:D0 | 60  | ax          | WPA2 Enterprise | 2.7     | Aruba  |

| #  | Network<br>name | MAC-address       | Ch  | Mode<br>PHY | Security        | Max SIR | Vendor |
|----|-----------------|-------------------|-----|-------------|-----------------|---------|--------|
| 8  | IllinoisNet     | 44:12:44:6E:A3:40 | 44  | ax          | WPA2 Enterprise | 22      | Aruba  |
| 9  | IllinoisNet     | 44:12:44:6E:BF:60 | 52  | ax          | WPA2 Enterprise | 2.7     | Aruba  |
| 10 | IllinoisNet     | 44:12:44:69:B0:F0 | 6   | ax          | WPA2 Enterprise | 30.3    | Aruba  |
| 11 | IllinoisNet     | 44:12:44:6E:BF:40 | 6   | ax          | WPA2 Enterprise | -6      | Aruba  |
| 12 | IllinoisNet     | 44:12:44:6A:05:B0 | 6   | ax          | WPA2 Enterprise | 18.7    | Aruba  |
| 13 | IllinoisNet     | 44:12:44:69:70:40 | 6   | ax          | WPA2 Enterprise | 13.7    | Aruba  |
| 14 | IllinoisNet     | 44:12:44:6D:EB:F0 | 6   | ax          | WPA2 Enterprise | -29.3   | Aruba  |
| 15 | IllinoisNet     | 44:12:44:6B:5D:E0 | 120 | ax          | WPA2 Enterprise | -4.3    | Aruba  |
| 16 | IllinoisNet     | 44:12:44:6C:C5:80 | 36  | ax          | WPA2 Enterprise | -7      | Aruba  |
| 17 | IllinoisNet     | 44:12:44:6D:9B:20 | 6   | ax          | WPA2 Enterprise | -11     | Aruba  |
| 18 | IllinoisNet     | 44:12:44:6A:29:D0 | 128 | ax          | WPA2 Enterprise | 17      | Aruba  |
| 19 | IllinoisNet     | 44:12:44:6E:F8:90 | 108 | ax          | WPA2 Enterprise | -8      | Aruba  |
| 20 | IllinoisNet     | 44:12:44:6E:75:50 | 36  | ax          | WPA2 Enterprise | 24      | Aruba  |
| 21 | IllinoisNet     | 44:12:44:6B:96:20 | 128 | ax          | WPA2 Enterprise | 12      | Aruba  |
| 22 | IllinoisNet     | 44:12:44:69:B6:80 | 161 | ax          | WPA2 Enterprise | 16.3    | Aruba  |
| 23 | IllinoisNet     | 44:12:44:69:B1:10 | 120 | ax          | WPA2 Enterprise | 30.3    | Aruba  |
| 24 | IllinoisNet     | 44:12:44:6A:B0:10 | 108 | ax          | WPA2 Enterprise | -2      | Aruba  |
| 25 | IllinoisNet     | 44:12:44:6A:69:00 | 120 | ax          | WPA2 Enterprise | 8       | Aruba  |
| 26 | IllinoisNet     | 44:12:44:6E:BD:00 | 11  | ax          | WPA2 Enterprise | -1.3    | Aruba  |
| 27 | IllinoisNet     | 44:12:44:6C:38:90 | 11  | ax          | WPA2 Enterprise | 11      | Aruba  |
| 28 | IllinoisNet     | 44:12:44:6A:0B:E0 | 1   | ax          | WPA2 Enterprise | 22.3    | Aruba  |
| 29 | IllinoisNet     | 44:12:44:6E:75:30 | 1   | ax          | WPA2 Enterprise | 23.7    | Aruba  |
| 30 | IllinoisNet     | 44:12:44:6B:C3:50 | 44  | ax          | WPA2 Enterprise | -29     | Aruba  |
| 31 | IllinoisNet     | 44:12:44:6C:38:B0 | 112 | ax          | WPA2 Enterprise | 7       | Aruba  |
| 32 | IllinoisNet     | 44:12:44:6C:70:C0 | 40  | ax          | WPA2 Enterprise | 22      | Aruba  |
| 33 | IllinoisNet     | 44:12:44:6C:70:A0 | 6   | ax          | WPA2 Enterprise | 25.3    | Aruba  |
| 34 | IllinoisNet     | 44:12:44:6D:C5:70 | 60  | ax          | WPA2 Enterprise | 4.7     | Aruba  |
| 35 | IllinoisNet     | 44:12:44:6D:32:70 | 52  | ax          | WPA2 Enterprise | 18      | Aruba  |
| 36 | IllinoisNet     | 44:12:44:6D:32:50 | 11  | ax          | WPA2 Enterprise | 8.7     | Aruba  |
| 37 | IllinoisNet     | 44:12:44:6A:77:40 | 120 | ax          | WPA2 Enterprise | -34.7   | Aruba  |
| 38 | IllinoisNet     | 44:12:44:6E:BD:20 | 100 | ax          | WPA2 Enterprise | 10.7    | Aruba  |
| 39 | IllinoisNet     | 44:12:44:6E:07:70 | 36  | ax          | WPA2 Enterprise | 6.3     | Aruba  |
| 40 | IllinoisNet     | 44:12:44:69:B6:60 | 6   | ax          | WPA2 Enterprise | 8.3     | Aruba  |
| 41 | IllinoisNet     | 44:12:44:6D:9B:40 | 116 | ax          | WPA2 Enterprise | -15.3   | Aruba  |

| #  | Network<br>name | MAC-address       | Ch  | Mode<br>PHY | Security        | Max SIR | Vendor |
|----|-----------------|-------------------|-----|-------------|-----------------|---------|--------|
| 42 | IllinoisNet     | 44:12:44:69:E3:80 | 44  | ax          | WPA2 Enterprise | -29     | Aruba  |
| 43 | IllinoisNet     | 44:12:44:6A:57:F0 | 128 | ax          | WPA2 Enterprise | -34.7   | Aruba  |
| 44 | IllinoisNet     | 44:12:44:6A:A6:80 | 60  | ax          | WPA2 Enterprise | -2.3    | Aruba  |
| 45 | IllinoisNet     | 44:12:44:69:E1:40 | 104 | ax          | WPA2 Enterprise | 17.7    | Aruba  |
| 46 | IllinoisNet     | 44:12:44:69:E1:20 | 1   | ax          | WPA2 Enterprise | 8       | Aruba  |
| 47 | IllinoisNet     | 44:12:44:6E:68:C0 | 40  | ax          | WPA2 Enterprise | 32.7    | Aruba  |
| 48 | IllinoisNet     | 44:12:44:6E:68:A0 | 1   | ax          | WPA2 Enterprise | 22      | Aruba  |
| 49 | IllinoisNet     | 44:12:44:6B:96:00 | 1   | ax          | WPA2 Enterprise | 4.3     | Aruba  |
| 50 | IllinoisNet     | 44:12:44:6A:A6:60 | 1   | ax          | WPA2 Enterprise | -7      | Aruba  |
| 51 | IllinoisNet     | 44:12:44:6B:00:50 | 149 | ax          | WPA2 Enterprise | 2.7     | Aruba  |
| 52 | IllinoisNet     | 44:12:44:69:88:60 | 40  | ax          | WPA2 Enterprise | -9.3    | Aruba  |
| 53 | IllinoisNet     | 44:12:44:6B:5D:C0 | 11  | ax          | WPA2 Enterprise | -1      | Aruba  |
| 54 | IllinoisNet     | 44:12:44:6A:68:E0 | 11  | ax          | WPA2 Enterprise | 6       | Aruba  |
| 55 | IllinoisNet     | 44:12:44:69:A6:C0 | 56  | ax          | WPA2 Enterprise | 8       | Aruba  |
| 56 | IllinoisNet     | 44:12:44:6C:77:20 | 56  | ax          | WPA2 Enterprise | -8.3    | Aruba  |
| 57 | IllinoisNet     | 44:12:44:6D:1E:00 | 48  | ax          | WPA2 Enterprise | 2       | Aruba  |
| 58 | IllinoisNet     | 44:12:44:6C:1F:C0 | 60  | ax          | WPA2 Enterprise | -6      | Aruba  |
| 59 | IllinoisNet     | 44:12:44:6A:29:B0 | 1   | ax          | WPA2 Enterprise | 21      | Aruba  |
| 60 | IllinoisNet     | 44:12:44:6C:3B:50 | 40  | ax          | WPA2 Enterprise | -3      | Aruba  |
| 61 | IllinoisNet     | 44:12:44:6C:1F:A0 | 1   | ax          | WPA2 Enterprise | -24     | Aruba  |
| 62 | IllinoisNet     | 44:12:44:6B:63:50 | 157 | ax          | WPA2 Enterprise | -9.7    | Aruba  |
| 63 | IllinoisNet     | 44:12:44:6E:F5:00 | 100 | ax          | WPA2 Enterprise | -5      | Aruba  |
| 64 | IllinoisNet     | 44:12:44:6D:82:C0 | 1   | ax          | WPA2 Enterprise | 10.3    | Aruba  |
| 65 | IllinoisNet     | 44:12:44:6D:82:E0 | 56  | ax          | WPA2 Enterprise | 17      | Aruba  |
| 66 | IllinoisNet     | 44:12:44:6A:63:C0 | 128 | ax          | WPA2 Enterprise | -15     | Aruba  |
| 67 | IllinoisNet     | 44:12:44:6D:2E:00 | 6   | ax          | WPA2 Enterprise | -18.7   | Aruba  |
| 68 | IllinoisNet     | 44:12:44:6D:2E:20 | 128 | ax          | WPA2 Enterprise | -15.7   | Aruba  |
| 69 | IllinoisNet     | 44:12:44:6B:8C:90 | 104 | ax          | WPA2 Enterprise | -6.3    | Aruba  |
| 70 | IllinoisNet     | 44:12:44:6E:17:70 | 11  | ax          | WPA2 Enterprise | -7.7    | Aruba  |
| 71 | IllinoisNet     | 44:12:44:69:A6:A0 | 6   | ax          | WPA2 Enterprise | -2      | Aruba  |
| 72 | IllinoisNet     | 44:12:44:6E:A3:20 | 11  | ax          | WPA2 Enterprise | 18      | Aruba  |
| 73 | IllinoisNet     | 44:12:44:6B:BD:20 | 153 | ax          | WPA2 Enterprise | 2.3     | Aruba  |
| 74 | IllinoisNet     | 44:12:44:6E:17:90 | 100 | ax          | WPA2 Enterprise | 0       | Aruba  |
| 75 | IllinoisNet     | 44:12:44:6D:83:10 | 149 | ax          | WPA2 Enterprise | -6.7    | Aruba  |

| #       | Network<br>name | MAC-address       | Ch  | Mode<br>PHY | Security        | Max SIR | Vendor |
|---------|-----------------|-------------------|-----|-------------|-----------------|---------|--------|
| 76      | IllinoisNet     | 44:12:44:6C:98:50 | 112 | ax          | WPA2 Enterprise | 19      | Aruba  |
| 77      | IllinoisNet     | 94:64:24:9B:07:80 | 104 | ax          | WPA2 Enterprise | -4.7    | Aruba  |
| 78      | IllinoisNet     | 44:12:44:6D:16:C0 | 11  | ax          | WPA2 Enterprise | -3      | Aruba  |
| 79      | IllinoisNet     | 44:12:44:6A:4B:F0 | 149 | ax          | WPA2 Enterprise | -15     | Aruba  |
| 80      | IllinoisNet     | 44:12:44:6C:3B:30 | 11  | ax          | WPA2 Enterprise | 6       | Aruba  |
| 81      | IllinoisNet     | 44:12:44:6B:63:30 | 1   | ax          | WPA2 Enterprise | -28     | Aruba  |
| 82      | IllinoisNet     | 44:12:44:6D:1D:E0 | 11  | ax          | WPA2 Enterprise | -8      | Aruba  |
| 83      | IllinoisNet     | 44:12:44:6D:16:E0 | 48  | ax          | WPA2 Enterprise | 1.7     | Aruba  |
| 84      | IllinoisNet     | 44:12:44:6D:C5:50 | 11  | ax          | WPA2 Enterprise | 0       | Aruba  |
| 85      | IllinoisNet     | 44:12:44:6C:98:30 | 11  | ax          | WPA2 Enterprise | 16      | Aruba  |
| 86      | IllinoisNet     | 44:12:44:6D:1E:F0 | 120 | ax          | WPA2 Enterprise | -17.3   | Aruba  |
| 87      | IllinoisNet     | 44:12:44:69:FB:80 | 64  | ax          | WPA2 Enterprise | -6.3    | Aruba  |
| 88      | IllinoisNet     | 44:12:44:6D:CD:90 | 11  | ax          | WPA2 Enterprise | -9      | Aruba  |
| 89      | IllinoisNet     | 44:12:44:6D:82:F0 | 11  | ax          | WPA2 Enterprise | -5      | Aruba  |
| 90      | IllinoisNet     | 44:12:44:6A:D0:80 | 36  | ax          | WPA2 Enterprise | -8      | Aruba  |
| 91      | IllinoisNet     | 44:12:44:6E:BF:30 | 157 | ax          | WPA2 Enterprise | 15.7    | Aruba  |
| 92      | IllinoisNet     | 44:12:44:6A:AF:F0 | 6   | ax          | WPA2 Enterprise | -26.7   | Aruba  |
| 93      | IllinoisNet     | 44:12:44:6E:F8:70 | 1   | ax          | WPA2 Enterprise | -21.3   | Aruba  |
| 94      | IllinoisNet     | 44:12:44:6A:4B:D0 | 1   | ax          | WPA2 Enterprise | -22.3   | Aruba  |
| 95      | IllinoisNet     | 44:12:44:6A:D0:60 | 1   | ax          | WPA2 Enterprise | -22.3   | Aruba  |
| 96      | IllinoisNet     | 44:12:44:6B:BD:00 | 6   | ax          | WPA2 Enterprise | -10     | Aruba  |
| 97      | IllinoisNet     | 44:12:44:6C:CF:40 | 124 | ax          | WPA2 Enterprise | -2      | Aruba  |
| 98      | IllinoisNet     | 44:12:44:6C:37:C0 | 116 | ax          | WPA2 Enterprise | 21.3    | Aruba  |
| 99      | IllinoisNet     | 44:12:44:6E:97:40 | 64  | ax          | WPA2 Enterprise | 5.3     | Aruba  |
| 10<br>0 | IllinoisNet     | 44:12:44:6C:84:10 | 149 | ax          | WPA2 Enterprise | 13.3    | Aruba  |
| 10<br>1 | IllinoisNet     | 44:12:44:6E:BF:10 | 6   | ax          | WPA2 Enterprise | 15.3    | Aruba  |
| 10<br>2 | IllinoisNet     | 44:12:44:6C:0B:20 | 108 | ax          | WPA2 Enterprise | -2      | Aruba  |
| 10      | IllinoisNet     | 44:12:44:6C:37:A0 | 11  | ax          | WPA2 Enterprise | 23.3    | Aruba  |
| 10<br>4 | IllinoisNet     | 44:12:44:6C:CF:20 | 11  | ax          | WPA2 Enterprise | -7.7    | Aruba  |
| 10<br>5 | IllinoisNet     | 44:12:44:6E:97:20 | 1   | ax          | WPA2 Enterprise | -7      | Aruba  |

| #       | Network<br>name | MAC-address       | Ch  | Mode<br>PHY | Security        | Max SIR | Vendor |
|---------|-----------------|-------------------|-----|-------------|-----------------|---------|--------|
| 10<br>6 | IllinoisNet     | 44:12:44:6A:CA:B0 | 100 | ax          | WPA2 Enterprise | 11.3    | Aruba  |
| 10<br>7 | IllinoisNet     | 44:12:44:6D:13:20 | 48  | ax          | WPA2 Enterprise | 21      | Aruba  |
| 10<br>8 | IllinoisNet     | 44:12:44:6D:13:00 | 1   | ax          | WPA2 Enterprise | 14      | Aruba  |
| 10<br>9 | IllinoisNet     | 44:12:44:6E:18:50 | 36  | ax          | WPA2 Enterprise | -1      | Aruba  |
| 11<br>0 | IllinoisNet     | 44:12:44:6D:3F:90 | 161 | ax          | WPA2 Enterprise | 8       | Aruba  |
| 11<br>1 | IllinoisNet     | 44:12:44:6A:CA:90 | 1   | ax          | WPA2 Enterprise | 4.7     | Aruba  |
| 11<br>2 | IllinoisNet     | 44:12:44:6C:83:F0 | 1   | ax          | WPA2 Enterprise | 13      | Aruba  |
| 11<br>3 | IllinoisNet     | 44:12:44:6D:5C:10 | 64  | ax          | WPA2 Enterprise | 25.7    | Aruba  |
| 11<br>4 | IllinoisNet     | 44:12:44:6C:D6:60 | 104 | ax          | WPA2 Enterprise | 12.7    | Aruba  |
| 11<br>5 | IllinoisNet     | CC:88:C7:74:89:42 | 11  | ax          | WPA2 Enterprise | -13.7   | Aruba  |
| 11<br>6 | IllinoisNet     | 44:12:44:6A:D9:50 | 124 | ax          | WPA2 Enterprise | 16.3    | Aruba  |
| 11<br>7 | IllinoisNet     | 44:12:44:6D:3F:70 | 6   | ax          | WPA2 Enterprise | 7.3     | Aruba  |
| 11<br>8 | IllinoisNet     | 44:12:44:6A:15:90 | 100 | ax          | WPA2 Enterprise | 18.3    | Aruba  |
| 11<br>9 | IllinoisNet     | 44:12:44:6B:BE:40 | 116 | ax          | WPA2 Enterprise | -7.3    | Aruba  |
| 12<br>0 | IllinoisNet     | 44:12:44:6D:5B:F0 | 11  | ax          | WPA2 Enterprise | 15.3    | Aruba  |
| 12<br>1 | IllinoisNet     | 44:12:44:6E:2A:20 | 48  | ax          | WPA2 Enterprise | -1      | Aruba  |
| 12<br>2 | IllinoisNet     | 44:12:44:6E:07:50 | 11  | ax          | WPA2 Enterprise | -5.3    | Aruba  |
| 12<br>3 | IllinoisNet     | 44:12:44:6B:BE:20 | 11  | ax          | WPA2 Enterprise | -2      | Aruba  |
| 12<br>4 | IllinoisNet     | 44:12:44:6E:18:30 | 11  | ax          | WPA2 Enterprise | -9.7    | Aruba  |
| 12<br>5 | IllinoisNet     | 44:12:44:6B:91:70 | 153 | ax          | WPA2 Enterprise | 33.3    | Aruba  |
| 12<br>6 | IllinoisNet     | 44:12:44:6A:D9:30 | 1   | ax          | WPA2 Enterprise | 14      | Aruba  |

| #       | Network<br>name | MAC-address       | Ch  | Mode<br>PHY | Security        | Max SIR | Vendor |
|---------|-----------------|-------------------|-----|-------------|-----------------|---------|--------|
| 12<br>7 | IllinoisNet     | 44:12:44:6A:76:80 | 116 | ax          | WPA2 Enterprise | 0.3     | Aruba  |
| 12<br>8 | IllinoisNet     | 44:12:44:6B:DA:70 | 1   | ax          | WPA2 Enterprise | -14.7   | Aruba  |
| 12<br>9 | IllinoisNet     | 44:12:44:6C:0B:00 | 6   | ax          | WPA2 Enterprise | -3.7    | Aruba  |
| 13<br>0 | IllinoisNet     | 44:12:44:6C:C6:E0 | 11  | ax          | WPA2 Enterprise | -10.7   | Aruba  |
| 13<br>1 | IllinoisNet     | 44:12:44:69:BE:30 | 112 | ax          | WPA2 Enterprise | -15.3   | Aruba  |
| 13<br>2 | IllinoisNet     | 44:12:44:6A:EB:20 | 52  | ax          | WPA2 Enterprise | -7      | Aruba  |
| 13<br>3 | IllinoisNet     | 44:12:44:6A:74:B0 | 1   | ax          | WPA2 Enterprise | -13.7   | Aruba  |
| 13<br>4 | IllinoisNet     | 44:12:44:6C:D6:40 | 1   | ax          | WPA2 Enterprise | 8.3     | Aruba  |
| 13<br>5 | IllinoisNet     | 44:12:44:6E:7B:20 | 40  | ax          | WPA2 Enterprise | 19.3    | Aruba  |
| 13<br>6 | IllinoisNet     | 44:12:44:6A:76:60 | 11  | ax          | WPA2 Enterprise | 0.3     | Aruba  |
| 13<br>7 | IllinoisNet     | 44:12:44:6E:2A:00 | 6   | ax          | WPA2 Enterprise | -14.7   | Aruba  |
| 13<br>8 | IllinoisNet     | 44:12:44:6E:7B:00 | 6   | ax          | WPA2 Enterprise | 5       | Aruba  |
| 13<br>9 | IllinoisNet     | 44:12:44:6B:68:30 | 56  | ax          | WPA2 Enterprise | 7       | Aruba  |
| 14<br>0 | IllinoisNet     | 44:12:44:6A:15:70 | 11  | ax          | WPA2 Enterprise | 9.7     | Aruba  |
| 14<br>1 | IllinoisNet     | 44:12:44:6D:92:70 | 116 | ax          | WPA2 Enterprise | 10.3    | Aruba  |
| 14<br>2 | IllinoisNet     | 44:12:44:6A:61:E0 | 44  | ax          | WPA2 Enterprise | 12.3    | Aruba  |
| 14<br>3 | IllinoisNet     | 44:12:44:6A:61:C0 | 6   | ax          | WPA2 Enterprise | 16.3    | Aruba  |
| 14<br>4 | IllinoisNet     | 44:12:44:6B:91:50 | 6   | ax          | WPA2 Enterprise | 20.3    | Aruba  |
| 14<br>5 | IllinoisNet     | 44:12:44:6B:68:10 | 1   | ax          | WPA2 Enterprise | 15.7    | Aruba  |
| 14<br>6 | IllinoisNet     | 44:12:44:6D:92:50 | 11  | ax          | WPA2 Enterprise | 14      | Aruba  |
| 14<br>7 | IllinoisNet     | 44:12:44:6B:3A:50 | 1   | ax          | WPA2 Enterprise | -15.7   | Aruba  |

| #       | Network<br>name | MAC-address       | Ch | Mode<br>PHY | Security        | Max SIR | Vendor |
|---------|-----------------|-------------------|----|-------------|-----------------|---------|--------|
| 14<br>8 | IllinoisNet     | 44:12:44:69:88:40 | 6  | ax          | WPA2 Enterprise | -26     | Aruba  |