| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 48 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 08, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 15722.45 | 42.25 | 54.00 | -11.75 | 30.69 | 7.92 | 38.52 | 34.88 | Average | 306 | 162 | HORIZONTAL |
| 2 | 15722.78 | 55.78 | 74.00 | -18.22 | 44.22 | 7.92 | 38.52 | 34.88 | Peak | 306 | 162 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 15722.00 | 42.51 | 54.00 | -11.49 | 30.95 | 7.92 | 38.52 | 34.88 | Average | 191 | 154 | VERTICAL |
| 2 | 15724.15 | 55.24 | 74.00 | -18.76 | 43.68 | 7.92 | 38.52 | 34.88 | Peak | 191 | 154 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 52 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 08, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 15775.47 | 56.23 | 74.00 | -17.77 | 44.74 | 7.93 | 38.48 | 34.92 | Peak | 202 | 166 | HORIZONTAL |
| 2 | 15782.16 | 42.17 | 54.00 | -11.83 | 30.70 | 7.94 | 38.47 | 34.94 | Average | 202 | 166 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 15778.45 | 42.34 | 54.00 | -11.66 | 30.87 | 7.93 | 38.48 | 34.94 | Average | 66 | 152 | VERTICAL |
| 2 | 15781.58 | 55.31 | 74.00 | -18.69 | 43.84 | 7.94 | 38.47 | 34.94 | Peak | 66 | 152 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 60 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 08, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 10595.89 | 52.65 | 74.00 | -21.35 | 42.66 | 6.61 | 38.38 | 35.00 | Peak | 113 | 165 | HORIZONTAL |
| 2 | 10604.63 | 39.13 | 54.00 | -14.87 | 29.14 | 6.60 | 38.38 | 34.99 | Average | 113 | 165 | HORIZONTAL |
| 3 | 15781.19 | 42.14 | 54.00 | -11.86 | 30.67 | 7.93 | 38.48 | 34.94 | Average | 195 | 159 | HORIZONTAL |
| 4 | 15781.97 | 55.12 | 74.00 | -18.88 | 43.65 | 7.94 | 38.47 | 34.94 | Peak | 195 | 159 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 10598.83 | 39.08 | 54.00 | -14.92 | 29.10 | 6.60 | 38.38 | 35.00 | Average | 101 | 163 | VERTICAL |
| 2 | 10604.72 | 52.31 | 74.00 | -21.69 | 42.32 | 6.60 | 38.38 | 34.99 | Peak | 101 | 163 | VERTICAL |
| 3 | 15777.74 | 55.76 | 74.00 | -18.24 | 44.29 | 7.93 | 38.48 | 34.94 | Peak | 176 | 155 | VERTICAL |
| 4 | 15781.77 | 42.40 | 54.00 | -11.60 | 30.93 | 7.94 | 38.47 | 34.94 | Average | 176 | 155 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 08, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 10635.90 | 39.49 | 54.00 | -14.51 | 29.50 | 6.59 | 38.37 | 34.97 | Average | 149 | 163 | HORIZONTAL |
| 2 | 10641.17 | 52.62 | 74.00 | -21.38 | 42.63 | 6.59 | 38.37 | 34.97 | Peak | 149 | 163 | HORIZONTAL |
| 3 | 15955.95 | 41.80 | 54.00 | -12.20 | 30.57 | 8.00 | 38.33 | 35.10 | Average | 119 | 157 | HORIZONTAL |
| 4 | 15960.72 | 55.39 | 74.00 | -18.61 | 44.16 | 8.00 | 38.33 | 35.10 | Peak | 119 | 157 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 10635.25 | 53.27 | 74.00 | -20.73 | 43.28 | 6.59 | 38.37 | 34.97 | Peak | 42 | 151 | VERTICAL |
| 2 | 10638.00 | 39.59 | 54.00 | -14.41 | 29.60 | 6.59 | 38.37 | 34.97 | Average | 42 | 151 | VERTICAL |
| 3 | 15958.52 | 42.17 | 54.00 | -11.83 | 30.94 | 8.00 | 38.33 | 35.10 | Average | 124 | 169 | VERTICAL |
| 4 | 15960.41 | 55.79 | 74.00 | -18.21 | 44.56 | 8.00 | 38.33 | 35.10 | Peak | 124 | 169 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 100 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 08, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 10996.25 | 38.77 | 54.00 | -15.23 | 28.72 | 6.46 | 38.30 | 34.71 | Average | 95 | 145 | HORIZONTAL |
| 2 | 10996.84 | 52.25 | 74.00 | -21.75 | 42.20 | 6.46 | 38.30 | 34.71 | Peak | 95 | 145 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 10996.74 | 52.19 | 74.00 | -21.81 | 42.14 | 6.46 | 38.30 | 34.71 | Peak | 110 | 158 | VERTICAL |
| 2 | 10999.25 | 38.98 | 54.00 | -15.02 | 28.93 | 6.46 | 38.30 | 34.71 | Average | 110 | 158 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 116 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 08, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 11159.77 | 39.25 | 54.00 | -14.75 | 29.08 | 6.56 | 38.30 | 34.69 | Average | 165 | 159 | HORIZONTAL |
| 2 | 11162.47 | 53.05 | 74.00 | -20.95 | 42.88 | 6.56 | 38.30 | 34.69 | Peak | 165 | 159 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 11155.66 | 53.24 | 74.00 | -20.76 | 43.08 | 6.55 | 38.30 | 34.69 | Peak | 96 | 159 | VERTICAL |
| 2 | 11163.58 | 39.57 | 54.00 | -14.43 | 29.40 | 6.56 | 38.30 | 34.69 | Average | 96 | 159 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 08, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 11400.46 | 39.11 | 54.00 | -14.89 | 28.79 | 6.69 | 38.30 | 34.67 | Average | 168 | 168 | HORIZONTAL |
| 2 | 11400.81 | 53.32 | 74.00 | -20.68 | 43.00 | 6.69 | 38.30 | 34.67 | Peak | 168 | 168 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 11399.55 | 39.65 | 54.00 | -14.35 | 29.33 | 6.69 | 38.30 | 34.67 | Average | 201 | 172 | VERTICAL |
| 2 | 11400.74 | 52.72 | 74.00 | -21.28 | 42.40 | 6.69 | 38.30 | 34.67 | Peak | 201 | 172 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 144 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 08, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 11438.67 | 52.43 | 74.00 | -21.57 | 42.09 | 6.71 | 38.30 | 34.67 | Peak | 85 | 169 | HORIZONTAL |
| 2 | 11441.08 | 38.95 | 54.00 | -15.05 | 28.61 | 6.71 | 38.30 | 34.67 | Average | 85 | 169 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 11438.30 | 52.42 | 74.00 | -21.58 | 42.08 | 6.71 | 38.30 | 34.67 | Peak | 69 | 160 | VERTICAL |
| 2 | 11438.83 | 39.27 | 54.00 | -14.73 | 28.93 | 6.71 | 38.30 | 34.67 | Average | 69 | 160 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 149 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 08, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 11490.38 | 52.09 | 74.00 | -21.91 | 41.71 | 6.74 | 38.30 | 34.66 | Peak | 165 | 176 | HORIZONTAL |
| 2 | 11492.25 | 39.08 | 54.00 | -14.92 | 28.70 | 6.74 | 38.30 | 34.66 | Average | 165 | 176 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 11488.08 | 39.36 | 54.00 | -14.64 | 28.98 | 6.74 | 38.30 | 34.66 | Average | 132 | 165 | VERTICAL |
| 2 | 11491.38 | 51.96 | 74.00 | -22.04 | 41.58 | 6.74 | 38.30 | 34.66 | Peak | 132 | 165 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 157 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 08, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 11568.69 | 52.83 | 74.00 | -21.17 | 42.41 | 6.77 | 38.33 | 34.68 | Peak | 187 | 176 | HORIZONTAL |
| 2 | 11571.24 | 39.84 | 54.00 | -14.16 | 29.43 | 6.77 | 38.33 | 34.69 | Average | 187 | 176 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 11568.76 | 39.77 | 54.00 | -14.23 | 29.35 | 6.77 | 38.33 | 34.68 | Average | 251 | 171 | VERTICAL |
| 2 | 11571.29 | 53.39 | 74.00 | -20.61 | 42.98 | 6.77 | 38.33 | 34.69 | Peak | 251 | 171 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 165 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 08, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 11651.04 | 53.63 | 74.00 | -20.37 | 43.19 | 6.80 | 38.36 | 34.72 | Peak | 141 | 175 | HORIZONTAL |
| 2 | 11652.15 | 39.50 | 54.00 | -14.50 | 29.06 | 6.80 | 38.36 | 34.72 | Average | 150 | 175 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 11650.07 | 39.84 | 54.00 | -14.16 | 29.40 | 6.80 | 38.36 | 34.72 | Average | 187 | 169 | VERTICAL |
| 2 | 11650.12 | 54.16 | 74.00 | -19.84 | 43.72 | 6.80 | 38.36 | 34.72 | Peak | 165 | 169 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 21, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15537.50 | 60.97 | 74.00 | -13.03 | 45.67 | 12.04 | 38.14 | 34.88 | Peak | 165 | 246 | HORIZONTAL |
| 2 | 15537.50 | 47.78 | 54.00 | -6.22 | 32.48 | 12.04 | 38.14 | 34.88 | Average | 165 | 246 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15537.50 | 60.99 | 74.00 | -13.01 | 45.69 | 12.04 | 38.14 | 34.88 | Peak | 165 | 318 | VERTICAL |
| 2 | 15537.50 | 47.62 | 54.00 | -6.38 | 32.32 | 12.04 | 38.14 | 34.88 | Average | 165 | 318 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 21, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15597.50 | 58.74 | 74.00 | -15.26 | 43.56 | 12.06 | 38.03 | 34.91 | Peak | 165 | 309 | HORIZONTAL |
| 2 | 15597.50 | 48.12 | 54.00 | -5.88 | 32.94 | 12.06 | 38.03 | 34.91 | Average | 165 | 325 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15597.50 | 58.38 | 74.00 | -15.62 | 43.19 | 12.06 | 38.04 | 34.91 | Peak | 165 | 148 | VERTICAL |
| 2 | 15597.50 | 48.07 | 54.00 | -5.93 | 32.88 | 12.06 | 38.04 | 34.91 | Average | 165 | 148 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 21, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15717.50 | 58.11 | 74.00 | -15.89 | 43.12 | 12.11 | 37.84 | 34.96 | Peak | 165 | 259 | HORIZONTAL |
| 2 | 15717.50 | 46.77 | 54.00 | -7.23 | 31.78 | 12.11 | 37.84 | 34.96 | Average | 165 | 259 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15717.50 | 57.64 | 74.00 | -16.36 | 42.64 | 12.11 | 37.85 | 34.96 | Peak | 165 | 195 | VERTICAL |
| 2 | 15717.50 | 47.17 | 54.00 | -6.83 | 32.17 | 12.11 | 37.85 | 34.96 | Average | 165 | 195 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 21, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15779.77 | 47.63 | 54.00 | -6.37 | 32.73 | 12.13 | 37.76 | 34.99 | Average | 165 | 211 | HORIZONTAL |
| 2 | 15781.22 | 60.22 | 74.00 | -13.78 | 45.33 | 12.13 | 37.76 | 35.00 | Peak | 165 | 211 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15777.50 | 57.31 | 74.00 | -16.69 | 42.42 | 12.13 | 37.75 | 34.99 | Peak | 165 | 315 | VERTICAL |
| 2 | 15777.50 | 47.25 | 54.00 | -6.75 | 32.36 | 12.13 | 37.75 | 34.99 | Average | 165 | 315 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 21, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 10598.79 | 57.80 | 74.00 | -16.20 | 43.07 | 9.92 | 40.08 | 35.27 | Peak | 165 | 353 | HORIZONTAL |
| 2 | 10601.79 | 45.33 | 54.00 | -8.67 | 30.61 | 9.92 | 40.08 | 35.28 | Average | 165 | 353 | HORIZONTAL |
| 3 | 15897.85 | 59.84 | 74.00 | -14.16 | 45.14 | 12.18 | 37.57 | 35.05 | Peak | 165 | 353 | HORIZONTAL |
| 4 | 15898.34 | 47.29 | 54.00 | -6.71 | 32.59 | 12.18 | 37.57 | 35.05 | Average | 165 | 353 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 10599.11 | 57.73 | 74.00 | -16.27 | 43.00 | 9.92 | 40.08 | 35.27 | Peak | 165 | 290 | VERTICAL |
| 2 | 10601.68 | 45.22 | 54.00 | -8.78 | 30.50 | 9.92 | 40.08 | 35.28 | Average | 165 | 290 | VERTICAL |
| 3 | 15899.49 | 47.40 | 54.00 | -6.60 | 32.71 | 12.18 | 37.56 | 35.05 | Average | 165 | 214 | VERTICAL |
| 4 | 15900.70 | 60.17 | 74.00 | -13.83 | 45.48 | 12.18 | 37.56 | 35.05 | Peak | 165 | 214 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 21, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 10639.98 | 45.25 | 54.00 | -8.75 | 30.58 | 9.95 | 40.11 | 35.39 | Average | 165 | 345 | HORIZONTAL |
| 2 | 10639.99 | 58.73 | 74.00 | -15.27 | 44.06 | 9.95 | 40.11 | 35.39 | Peak | 165 | 345 | HORIZONTAL |
| 3 | 15958.96 | 47.13 | 54.00 | -6.87 | 32.55 | 12.20 | 37.46 | 35.08 | Average | 165 | 286 | HORIZONTAL |
| 4 | 15961.00 | 60.14 | 74.00 | -13.86 | 45.56 | 12.20 | 37.46 | 35.08 | Peak | 165 | 286 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 10637.50 | 58.08 | 74.00 | -15.92 | 43.41 | 9.95 | 40.11 | 35.39 | Peak | 165 | 244 | VERTICAL |
| 2 | 10639.63 | 45.29 | 54.00 | -8.71 | 30.62 | 9.95 | 40.11 | 35.39 | Average | 165 | 244 | VERTICAL |
| 3 | 15959.96 | 47.27 | 54.00 | -6.73 | 32.69 | 12.20 | 37.46 | 35.08 | Average | 165 | 300 | VERTICAL |
| 4 | 15961.46 | 61.10 | 74.00 | -12.90 | 46.52 | 12.20 | 37.46 | 35.08 | Peak | 165 | 300 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 21, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 10997.67 | 56.18 | 74.00 | -17.82 | 41.99 | 10.20 | 40.40 | 36.41 | Peak | 165 | 268 | HORIZONTAL |
| 2 | 10997.89 | 43.70 | 54.00 | -10.30 | 29.51 | 10.20 | 40.40 | 36.41 | Average | 165 | 268 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 10997.55 | 43.64 | 54.00 | -10.36 | 29.45 | 10.20 | 40.40 | 36.41 | Average | 165 | 116 | VERTICAL |
| 2 | 10997.75 | 56.47 | 74.00 | -17.53 | 42.28 | 10.20 | 40.40 | 36.41 | Peak | 165 | 116 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 21, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11159.86 | 58.02 | 74.00 | -15.98 | 43.74 | 10.30 | 40.33 | 36.35 | Peak | 165 | 260 | HORIZONTAL |
| 2 | 11160.96 | 44.92 | 54.00 | -9.08 | 30.64 | 10.30 | 40.33 | 36.35 | Average | 165 | 260 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11160.68 | 44.90 | 54.00 | -9.10 | 30.62 | 10.30 | 40.33 | 36.35 | Average | 165 | 227 | VERTICAL |
| 2 | 11161.66 | 57.81 | 74.00 | -16.19 | 43.53 | 10.30 | 40.33 | 36.35 | Peak | 165 | 227 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 21, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11398.08 | 44.79 | 54.00 | -9.21 | 30.34 | 10.45 | 40.24 | 36.24 | Average | 165 | 251 | HORIZONTAL |
| 2 | 11399.56 | 58.01 | 74.00 | -15.99 | 43.56 | 10.45 | 40.24 | 36.24 | Peak | 165 | 251 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11398.36 | 44.98 | 54.00 | -9.02 | 30.53 | 10.45 | 40.24 | 36.24 | Average | 165 | 314 | VERTICAL |
| 2 | 11398.68 | 58.48 | 74.00 | -15.52 | 44.03 | 10.45 | 40.24 | 36.24 | Peak | 165 | 314 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 21, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11439.35 | 58.82 | 74.00 | -15.18 | 44.34 | 10.47 | 40.23 | 36.22 | Peak | 165 | 97 | HORIZONTAL |
| 2 | 11442.44 | 44.89 | 54.00 | -9.11 | 30.41 | 10.47 | 40.23 | 36.22 | Average | 165 | 97 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11438.80 | 58.56 | 74.00 | -15.44 | 44.09 | 10.47 | 40.22 | 36.22 | Peak | 165 | 143 | VERTICAL |
| 2 | 11439.48 | 44.94 | 54.00 | -9.06 | 30.47 | 10.47 | 40.22 | 36.22 | Average | 165 | 143 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 21, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11490.23 | 44.92 | 54.00 | -9.08 | 30.41 | 10.50 | 40.21 | 36.20 | Average | 165 | 312 | HORIZONTAL |
| 2 | 11491.24 | 57.66 | 74.00 | -16.34 | 43.15 | 10.50 | 40.21 | 36.20 | Peak | 165 | 312 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11488.09 | 58.09 | 74.00 | -15.91 | 43.59 | 10.50 | 40.20 | 36.20 | Peak | 165 | 243 | VERTICAL |
| 2 | 11489.37 | 44.86 | 54.00 | -9.14 | 30.36 | 10.50 | 40.20 | 36.20 | Average | 165 | 243 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 21, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11567.94 | 45.23 | 54.00 | -8.77 | 30.83 | 10.54 | 40.03 | 36.17 | Average | 165 | 178 | HORIZONTAL |
| 2 | 11569.38 | 58.57 | 74.00 | -15.43 | 44.16 | 10.54 | 40.03 | 36.16 | Peak | 165 | 178 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11568.44 | 45.39 | 54.00 | -8.61 | 30.99 | 10.54 | 40.03 | 36.17 | Average | 165 | 267 | VERTICAL |
| 2 | 11571.45 | 57.89 | 74.00 | -16.11 | 43.48 | 10.54 | 40.03 | 36.16 | Peak | 165 | 267 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 21, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11649.86 | 45.31 | 54.00 | -8.69 | 31.00 | 10.57 | 39.87 | 36.13 | Average | 165 | 244 | HORIZONTAL |
| 2 | 11651.69 | 57.99 | 74.00 | -16.01 | 43.72 | 10.57 | 39.83 | 36.13 | Peak | 165 | 244 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11651.83 | 58.25 | 74.00 | -15.75 | 43.98 | 10.57 | 39.83 | 36.13 | Peak | 165 | 192 | VERTICAL |
| 2 | 11652.50 | 45.11 | 54.00 | -8.89 | 30.84 | 10.57 | 39.83 | 36.13 | Average | 165 | 192 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 36 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 25, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15540.10 | 45.57 | 54.00 | -8.43 | 29.26 | 12.58 | 38.45 | 34.72 | 185 | 151 | Average | HORIZONTAL |
| 2 | 15540.19 | 58.49 | 74.00 | -15.51 | 42.18 | 12.58 | 38.45 | 34.72 | 185 | 151 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15539.52 | 58.63 | 74.00 | -15.37 | 42.32 | 12.58 | 38.45 | 34.72 | 280 | 100 | Peak | VERTICAL |
| 2 | 15540.00 | 46.01 | 54.00 | -7.99 | 29.70 | 12.58 | 38.45 | 34.72 | 280 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 40 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 25, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15600.26 | 45.30 | 54.00 | -8.70 | 29.11 | 12.58 | 38.36 | 34.75 | 195 | 100 | Average | HORIZONTAL |
| 2 | 15600.49 | 58.09 | 74.00 | -15.91 | 41.90 | 12.58 | 38.36 | 34.75 | 195 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15599.52 | 45.41 | 54.00 | -8.59 | 29.22 | 12.58 | 38.36 | 34.75 | 92 | 100 | Average | VERTICAL |
| 2 | 15599.91 | 59.15 | 74.00 | -14.85 | 42.96 | 12.58 | 38.36 | 34.75 | 92 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 48 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15720.56 | 57.64 | 74.00 | -16.36 | 42.66 | 12.11 | 37.84 | 34.97 | Peak | 165 | 301 | HORIZONTAL |
| 2 | 15728.64 | 45.40 | 54.00 | -8.60 | 30.42 | 12.11 | 37.84 | 34.97 | Average | 165 | 301 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15704.00 | 45.55 | 54.00 | -8.45 | 30.54 | 12.10 | 37.87 | 34.96 | Average | 165 | 230 | VERTICAL |
| 2 | 15730.16 | 59.19 | 74.00 | -14.81 | 44.22 | 12.11 | 37.83 | 34.97 | Peak | 165 | 230 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 52 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 16365.12 | 45.01 | 54.00 | -8.99 | 30.13 | 12.35 | 38.21 | 35.68 | Average | 165 | 319 | HORIZONTAL |
| 2 | 16377.44 | 57.38 | 74.00 | -16.62 | 42.48 | 12.36 | 38.24 | 35.70 | Peak | 165 | 319 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 16369.84 | 57.40 | 74.00 | -16.60 | 42.50 | 12.36 | 38.22 | 35.68 | Peak | 165 | 244 | VERTICAL |
| 2 | 16370.08 | 45.09 | 54.00 | -8.91 | 30.19 | 12.36 | 38.22 | 35.68 | Average | 165 | 244 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 60 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 25, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10600.18 | 55.13 | 74.00 | -18.87 | 40.29 | 10.16 | 38.92 | 34.24 | 130 | 150 | Peak | HORIZONTAL |
| 2 | 10600.22 | 42.80 | 54.00 | -11.20 | 27.96 | 10.16 | 38.92 | 34.24 | 130 | 150 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10600.19 | 43.58 | 54.00 | -10.42 | 28.74 | 10.16 | 38.92 | 34.24 | 197 | 150 | Average | VERTICAL |
| 2 | 10600.32 | 55.18 | 74.00 | -18.82 | 40.34 | 10.16 | 38.92 | 34.24 | 197 | 150 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 25, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10639.57 | 43.69 | 54.00 | -10.31 | 28.86 | 10.21 | 38.93 | 34.31 | 311 | 150 | Average | HORIZONTAL |
| 2 | 10639.58 | 56.03 | 74.00 | -17.97 | 41.20 | 10.21 | 38.93 | 34.31 | 311 | 150 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10639.65 | 43.11 | 54.00 | -10.89 | 28.28 | 10.21 | 38.93 | 34.31 | 281 | 150 | Average | VERTICAL |
| 2 | 10640.37 | 57.09 | 74.00 | -16.91 | 42.27 | 10.21 | 38.93 | 34.32 | 281 | 150 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 100 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 25, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10999.60 | 56.74 | 74.00 | -17.26 | 42.20 | 10.55 | 39.00 | 35.01 | 113 | 150 | Peak | HORIZONTAL |
| 2 | 11000.37 | 43.17 | 54.00 | -10.83 | 28.63 | 10.55 | 39.00 | 35.01 | 113 | 150 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10999.70 | 56.26 | 74.00 | -17.74 | 41.72 | 10.55 | 39.00 | 35.01 | 235 | 150 | Peak | VERTICAL |
| 2 | 10999.70 | 43.22 | 54.00 | -10.78 | 28.68 | 10.55 | 39.00 | 35.01 | 235 | 150 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 116 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11160.96 | 42.58 | 54.00 | -11.42 | 28.30 | 10.30 | 40.33 | 36.35 | Average | 165 | 139 | HORIZONTAL |
| 2 | 11169.28 | 55.66 | 74.00 | -18.34 | 41.36 | 10.31 | 40.33 | 36.34 | Peak | 165 | 139 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11153.48 | 42.89 | 54.00 | -11.11 | 28.60 | 10.30 | 40.34 | 36.35 | Average | 165 | 237 | VERTICAL |
| 2 | 11164.44 | 56.73 | 74.00 | -17.27 | 42.44 | 10.30 | 40.33 | 36.34 | Peak | 165 | 237 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 25, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11399.70 | 56.81 | 74.00 | -17.19 | 41.83 | 10.69 | 39.32 | 35.03 | 178 | 150 | Peak | HORIZONTAL |
| 2 | 11400.35 | 44.18 | 54.00 | -9.82 | 29.20 | 10.69 | 39.32 | 35.03 | 178 | 150 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11399.77 | 57.96 | 74.00 | -16.04 | 42.98 | 10.69 | 39.32 | 35.03 | 98 | 150 | Peak | VERTICAL |
| 2 | 11400.00 | 44.27 | 54.00 | -9.73 | 29.29 | 10.69 | 39.32 | 35.03 | 98 | 150 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11439.44 | 57.04 | 74.00 | -16.96 | 42.56 | 10.47 | 40.23 | 36.22 | Peak | 165 | 78 | HORIZONTAL |
| 2 | 11446.28 | 43.42 | 54.00 | -10.58 | 28.94 | 10.47 | 40.23 | 36.22 | Average | 165 | 78 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11430.68 | 56.90 | 74.00 | -17.10 | 42.44 | 10.46 | 40.23 | 36.23 | Peak | 165 | 163 | VERTICAL |
| 2 | 11439.92 | 43.94 | 54.00 | -10.06 | 29.47 | 10.47 | 40.22 | 36.22 | Average | 165 | 163 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 149 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11481.64 | 43.50 | 54.00 | -10.50 | 28.99 | 10.50 | 40.21 | 36.20 | Average | 165 | 156 | HORIZONTAL |
| 2 | 11497.64 | 56.48 | 74.00 | -17.52 | 41.98 | 10.50 | 40.20 | 36.20 | Peak | 165 | 156 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11492.16 | 43.46 | 54.00 | -10.54 | 28.96 | 10.50 | 40.20 | 36.20 | Average | 165 | 280 | VERTICAL |
| 2 | 11493.64 | 57.06 | 74.00 | -16.94 | 42.56 | 10.50 | 40.20 | 36.20 | Peak | 165 | 280 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 157 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11569.40 | 56.14 | 74.00 | -17.86 | 41.73 | 10.54 | 40.03 | 36.16 | Peak | 165 | 237 | HORIZONTAL |
| 2 | 11578.68 | 43.39 | 54.00 | -10.61 | 28.98 | 10.54 | 40.03 | 36.16 | Average | 165 | 237 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11561.16 | 55.82 | 74.00 | -18.18 | 41.41 | 10.53 | 40.05 | 36.17 | Peak | 165 | 121 | VERTICAL |
| 2 | 11579.64 | 43.58 | 54.00 | -10.42 | 29.19 | 10.54 | 40.01 | 36.16 | Average | 165 | 121 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 165 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11644.12 | 55.84 | 74.00 | -18.16 | 41.53 | 10.57 | 39.87 | 36.13 | Peak | 165 | 183 | HORIZONTAL |
| 2 | 11651.84 | 43.09 | 54.00 | -10.91 | 28.82 | 10.57 | 39.83 | 36.13 | Average | 165 | 182 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11652.52 | 43.18 | 54.00 | -10.82 | 28.91 | 10.57 | 39.83 | 36.13 | Average | 165 | 72 | VERTICAL |
| 2 | 11659.80 | 55.56 | 74.00 | -18.44 | 41.30 | 10.58 | 39.81 | 36.13 | Peak | 165 | 72 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 21, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15565.04 | 47.11 | 54.00 | -6.89 | 31.86 | 12.05 | 38.09 | 34.89 | Average | 165 | 284 | HORIZONTAL |
| 2 | 15586.00 | 59.00 | 74.00 | -15.00 | 43.78 | 12.06 | 38.06 | 34.90 | Peak | 165 | 284 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15551.20 | 59.50 | 74.00 | -14.50 | 44.22 | 12.04 | 38.12 | 34.88 | Peak | 165 | 122 | VERTICAL |
| 2 | 15575.44 | 47.07 | 54.00 | -6.93 | 31.84 | 12.05 | 38.08 | 34.90 | Average | 165 | 122 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 21, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15682.24 | 45.44 | 54.00 | -8.56 | 30.39 | 12.10 | 37.90 | 34.95 | Average | 165 | 105 | HORIZONTAL |
| 2 | 15687.20 | 57.95 | 74.00 | -16.05 | 42.90 | 12.10 | 37.90 | 34.95 | Peak | 165 | 105 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15670.32 | 59.32 | 74.00 | -14.68 | 44.25 | 12.09 | 37.92 | 34.94 | Peak | 165 | 311 | VERTICAL |
| 2 | 15680.24 | 46.44 | 54.00 | -7.56 | 31.38 | 12.10 | 37.91 | 34.95 | Average | 165 | 311 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 25, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15809.55 | 44.84 | 54.00 | -9.16 | 29.03 | 12.57 | 38.07 | 34.83 | 202 | 151 | Average | HORIZONTAL |
| 2 | 15810.11 | 57.93 | 74.00 | -16.07 | 42.12 | 12.57 | 38.07 | 34.83 | 202 | 151 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15809.72 | 58.92 | 74.00 | -15.08 | 43.11 | 12.57 | 38.07 | 34.83 | 119 | 151 | Peak | VERTICAL |
| 2 | 15810.42 | 44.93 | 54.00 | -9.07 | 29.12 | 12.57 | 38.07 | 34.83 | 119 | 151 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 10616.88 | 43.32 | 54.00 | -10.68 | 28.62 | 9.93 | 40.10 | 35.33 | Average | 165 | 176 | HORIZONTAL |
| 2 | 10628.16 | 55.95 | 74.00 | -18.05 | 41.27 | 9.94 | 40.10 | 35.36 | Peak | 165 | 176 | HORIZONTAL |
| 3 | 15931.28 | 58.03 | 74.00 | -15.97 | 43.40 | 12.19 | 37.51 | 35.07 | Peak | 165 | 120 | HORIZONTAL |
| 4 | 15945.12 | 45.22 | 54.00 | -8.78 | 30.61 | 12.20 | 37.48 | 35.07 | Average | 165 | 120 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 10626.64 | 43.53 | 54.00 | -10.47 | 28.84 | 9.94 | 40.10 | 35.35 | Average | 165 | 255 | VERTICAL |
| 2 | 10626.88 | 55.83 | 74.00 | -18.17 | 41.15 | 9.94 | 40.10 | 35.36 | Peak | 165 | 255 | VERTICAL |
| 3 | 15920.32 | 45.29 | 54.00 | -8.71 | 30.63 | 12.19 | 37.53 | 35.06 | Average | 165 | 321 | VERTICAL |
| 4 | 15936.32 | 57.98 | 74.00 | -16.02 | 43.36 | 12.19 | 37.50 | 35.07 | Peak | 165 | 321 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11030.40 | 42.80 | 54.00 | -11.20 | 28.60 | 10.22 | 40.39 | 36.41 | Average | 165 | 183 | HORIZONTAL |
| 2 | 11035.28 | 55.64 | 74.00 | -18.36 | 41.42 | 10.23 | 40.39 | 36.40 | Peak | 165 | 183 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11036.72 | 42.87 | 54.00 | -11.13 | 28.65 | 10.23 | 40.39 | 36.40 | Average | 165 | 85 | VERTICAL |
| 2 | 11038.96 | 55.47 | 74.00 | -18.53 | 41.26 | 10.23 | 40.38 | 36.40 | Peak | 165 | 85 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11099.12 | 43.22 | 54.00 | -10.78 | 28.97 | 10.26 | 40.36 | 36.37 | Average | 165 | 64 | HORIZONTAL |
| 2 | 11114.80 | 55.86 | 74.00 | -18.14 | 41.61 | 10.27 | 40.35 | 36.37 | Peak | 165 | 64 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11087.68 | 43.23 | 54.00 | -10.77 | 28.99 | 10.26 | 40.36 | 36.38 | Average | 165 | 191 | VERTICAL |
| 2 | 11088.48 | 55.49 | 74.00 | -18.51 | 41.25 | 10.26 | 40.36 | 36.38 | Peak | 165 | 191 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11323.92 | 55.98 | 74.00 | -18.02 | 41.58 | 10.40 | 40.27 | 36.27 | Peak | 165 | 235 | HORIZONTAL |
| 2 | 11359.60 | 43.13 | 54.00 | -10.87 | 28.71 | 10.42 | 40.26 | 36.26 | Average | 165 | 235 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11327.52 | 43.14 | 54.00 | -10.86 | 28.74 | 10.40 | 40.27 | 36.27 | Average | 165 | 340 | VERTICAL |
| 2 | 11353.36 | 55.54 | 74.00 | -18.46 | 41.12 | 10.42 | 40.26 | 36.26 | Peak | 165 | 340 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11437.76 | 56.29 | 74.00 | -17.71 | 41.81 | 10.47 | 40.23 | 36.22 | Peak | 165 | 320 | HORIZONTAL |
| 2 | 11437.76 | 43.84 | 54.00 | -10.16 | 29.36 | 10.47 | 40.23 | 36.22 | Average | 165 | 320 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11430.96 | 56.58 | 74.00 | -17.42 | 42.11 | 10.47 | 40.23 | 36.23 | Peak | 165 | 208 | VERTICAL |
| 2 | 11433.60 | 43.83 | 54.00 | -10.17 | 29.35 | 10.47 | 40.23 | 36.22 | Average | 165 | 207 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11509.28 | 43.88 | 54.00 | -10.12 | 29.36 | 10.51 | 40.20 | 36.19 | Average | 165 | 332 | HORIZONTAL |
| 2 | 11512.24 | 55.61 | 74.00 | -18.39 | 41.09 | 10.51 | 40.20 | 36.19 | Peak | 165 | 332 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11490.32 | 56.65 | 74.00 | -17.35 | 42.15 | 10.50 | 40.20 | 36.20 | Peak | 165 | 228 | VERTICAL |
| 2 | 11522.00 | 43.91 | 54.00 | -10.09 | 29.43 | 10.52 | 40.15 | 36.19 | Average | 165 | 228 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11573.04 | 43.73 | 54.00 | -10.27 | 29.32 | 10.54 | 40.03 | 36.16 | Average | 165 | 278 | HORIZONTAL |
| 2 | 11586.96 | 55.94 | 74.00 | -18.06 | 41.57 | 10.54 | 39.99 | 36.16 | Peak | 165 | 278 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11597.92 | 56.57 | 74.00 | -17.43 | 42.21 | 10.55 | 39.96 | 36.15 | Peak | 165 | 266 | VERTICAL |
| 2 | 11602.32 | 43.79 | 54.00 | -10.21 | 29.44 | 10.55 | 39.95 | 36.15 | Average | 165 | 266 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 38 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15563.80 | 57.99 | 74.00 | -16.01 | 42.74 | 12.05 | 38.09 | 34.89 | Peak | 165 | 266 | HORIZONTAL |
| 2 | 15576.84 | 45.53 | 54.00 | -8.47 | 30.29 | 12.05 | 38.09 | 34.90 | Average | 165 | 266 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15568.52 | 45.56 | 54.00 | -8.44 | 30.31 | 12.05 | 38.09 | 34.89 | Average | 165 | 180 | VERTICAL |
| 2 | 15572.60 | 58.14 | 74.00 | -15.86 | 42.90 | 12.05 | 38.08 | 34.89 | Peak | 165 | 180 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 46 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15693.60 | 58.30 | 74.00 | -15.70 | 43.25 | 12.10 | 37.90 | 34.95 | Peak | 165 | 163 | HORIZONTAL |
| 2 | 15695.36 | 45.44 | 54.00 | -8.56 | 30.39 | 12.10 | 37.90 | 34.95 | Average | 165 | 163 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15682.12 | 45.58 | 54.00 | -8.42 | 30.52 | 12.10 | 37.91 | 34.95 | Average | 165 | 245 | VERTICAL |
| 2 | 15691.08 | 58.07 | 74.00 | -15.93 | 43.03 | 12.10 | 37.89 | 34.95 | Peak | 165 | 245 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 54 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15805.80 | 58.21 | 74.00 | -15.79 | 43.38 | 12.14 | 37.70 | 35.01 | Peak | 165 | 313 | HORIZONTAL |
| 2 | 15819.08 | 44.79 | 54.00 | -9.21 | 29.97 | 12.15 | 37.68 | 35.01 | Average | 165 | 313 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15801.24 | 57.85 | 74.00 | -16.15 | 43.01 | 12.14 | 37.71 | 35.01 | Peak | 165 | 191 | VERTICAL |
| 2 | 15804.88 | 44.84 | 54.00 | -9.16 | 30.00 | 12.14 | 37.71 | 35.01 | Average | 165 | 191 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 62 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 10609.36 | 55.31 | 74.00 | -18.69 | 40.60 | 9.93 | 40.08 | 35.30 | Peak | 165 | 247 | HORIZONTAL |
| 2 | 10616.08 | 43.11 | 54.00 | -10.89 | 28.40 | 9.93 | 40.10 | 35.32 | Average | 165 | 247 | HORIZONTAL |
| 3 | 15931.44 | 57.55 | 74.00 | -16.45 | 42.92 | 12.19 | 37.51 | 35.07 | Peak | 165 | 160 | HORIZONTAL |
| 4 | 15948.32 | 45.09 | 54.00 | -8.91 | 30.49 | 12.20 | 37.48 | 35.08 | Average | 165 | 160 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 10602.64 | 43.01 | 54.00 | -10.99 | 28.30 | 9.92 | 40.08 | 35.29 | Average | 165 | 285 | VERTICAL |
| 2 | 10628.88 | 55.93 | 74.00 | -18.07 | 41.25 | 9.94 | 40.10 | 35.36 | Peak | 165 | 285 | VERTICAL |
| 3 | 15910.24 | 45.29 | 54.00 | -8.71 | 30.63 | 12.18 | 37.54 | 35.06 | Average | 165 | 189 | VERTICAL |
| 4 | 15946.96 | 58.03 | 74.00 | -15.97 | 43.42 | 12.20 | 37.48 | 35.07 | Peak | 165 | 189 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 102 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11025.76 | 54.92 | 74.00 | -19.08 | 40.72 | 10.22 | 40.39 | 36.41 | Peak | 165 | 317 | HORIZONTAL |
| 2 | 11037.20 | 42.74 | 54.00 | -11.26 | 28.52 | 10.23 | 40.39 | 36.40 | Average | 165 | 317 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11014.64 | 55.56 | 74.00 | -18.44 | 41.37 | 10.21 | 40.39 | 36.41 | Peak | 165 | 119 | VERTICAL |
| 2 | 11039.76 | 42.68 | 54.00 | -11.32 | 28.47 | 10.23 | 40.38 | 36.40 | Average | 165 | 119 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 110 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11084.32 | 42.98 | 54.00 | -11.02 | 28.73 | 10.26 | 40.37 | 36.38 | Average | 165 | 217 | HORIZONTAL |
| 2 | 11088.96 | 55.46 | 74.00 | -18.54 | 41.21 | 10.26 | 40.37 | 36.38 | Peak | 165 | 217 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11108.80 | 42.96 | 54.00 | -11.04 | 28.70 | 10.27 | 40.36 | 36.37 | Average | 165 | 130 | VERTICAL |
| 2 | 11109.20 | 55.26 | 74.00 | -18.74 | 41.00 | 10.27 | 40.36 | 36.37 | Peak | 165 | 130 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 134 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11328.72 | 56.39 | 74.00 | -17.61 | 41.99 | 10.40 | 40.27 | 36.27 | Peak | 165 | 164 | HORIZONTAL |
| 2 | 11354.32 | 42.83 | 54.00 | -11.17 | 28.41 | 10.42 | 40.26 | 36.26 | Average | 165 | 164 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11322.32 | 55.28 | 74.00 | -18.72 | 40.88 | 10.40 | 40.27 | 36.27 | Peak | 165 | 68 | VERTICAL |
| 2 | 11358.88 | 42.95 | 54.00 | -11.05 | 28.53 | 10.42 | 40.26 | 36.26 | Average | 165 | 68 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11428.16 | 43.32 | 54.00 | -10.68 | 28.86 | 10.46 | 40.23 | 36.23 | Average | 165 | 342 | HORIZONTAL |
| 2 | 11436.16 | 55.54 | 74.00 | -18.46 | 41.06 | 10.47 | 40.23 | 36.22 | Peak | 165 | 342 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11416.08 | 43.56 | 54.00 | -10.44 | 29.10 | 10.46 | 40.23 | 36.23 | Average | 165 | 22 | VERTICAL |
| 2 | 11438.16 | 56.57 | 74.00 | -17.43 | 42.10 | 10.47 | 40.22 | 36.22 | Peak | 165 | 22 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 151 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11505.68 | 43.62 | 54.00 | -10.38 | 29.10 | 10.51 | 40.20 | 36.19 | Average | 165 | 212 | HORIZONTAL |
| 2 | 11506.88 | 56.77 | 74.00 | -17.23 | 42.25 | 10.51 | 40.20 | 36.19 | Peak | 165 | 212 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11502.88 | 57.06 | 74.00 | -16.94 | 42.55 | 10.51 | 40.19 | 36.19 | Peak | 165 | 107 | VERTICAL |
| 2 | 11518.88 | 43.66 | 54.00 | -10.34 | 29.19 | 10.51 | 40.15 | 36.19 | Average | 165 | 107 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 159 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11571.60 | 56.01 | 74.00 | -17.99 | 41.60 | 10.54 | 40.03 | 36.16 | Peak | 165 | 72 | HORIZONTAL |
| 2 | 11596.32 | 43.60 | 54.00 | -10.40 | 29.21 | 10.55 | 39.99 | 36.15 | Average | 165 | 72 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11570.16 | 55.87 | 74.00 | -18.13 | 41.46 | 10.54 | 40.03 | 36.16 | Peak | 165 | 159 | VERTICAL |
| 2 | 11587.52 | 43.56 | 54.00 | -10.44 | 29.18 | 10.55 | 39.99 | 36.16 | Average | 165 | 159 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15614.16 | 45.93 | 54.00 | -8.07 | 30.76 | 12.07 | 38.01 | 34.91 | Average | 165 | 217 | HORIZONTAL |
| 2 | 15627.52 | 58.64 | 74.00 | -15.36 | 43.48 | 12.07 | 38.01 | 34.92 | Peak | 165 | 217 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15610.00 | 45.94 | 54.00 | -8.06 | 30.76 | 12.07 | 38.02 | 34.91 | Average | 165 | 356 | VERTICAL |
| 2 | 15619.28 | 58.96 | 74.00 | -15.04 | 43.80 | 12.07 | 38.01 | 34.92 | Peak | 165 | 356 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15854.96 | 58.01 | 74.00 | -15.99 | 43.25 | 12.16 | 37.63 | 35.03 | Peak | 165 | 147 | VERTICAL |
| 2 | 15885.52 | 45.50 | 54.00 | -8.50 | 30.80 | 12.17 | 37.58 | 35.05 | Average | 165 | 146 | VERTICAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15870.48 | 45.27 | 54.00 | -8.73 | 30.55 | 12.17 | 37.59 | 35.04 | Average | 165 | 135 | HORIZONTAL |
| 2 | 15886.80 | 57.88 | 74.00 | -16.12 | 43.18 | 12.18 | 37.57 | 35.05 | Peak | 165 | 135 | HORIZONTAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11044.56 | 55.66 | 74.00 | -18.34 | 41.45 | 10.23 | 40.38 | 36.40 | Peak | 165 | 284 | HORIZONTAL |
| 2 | 11070.08 | 43.01 | 54.00 | -10.99 | 28.78 | 10.25 | 40.37 | 36.39 | Average | 165 | 284 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11074.96 | 55.50 | 74.00 | -18.50 | 41.27 | 10.25 | 40.37 | 36.39 | Peak | 165 | 202 | VERTICAL |
| 2 | 11078.96 | 43.04 | 54.00 | -10.96 | 28.80 | 10.25 | 40.37 | 36.38 | Average | 165 | 202 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11212.08 | 42.86 | 54.00 | -11.14 | 28.54 | 10.33 | 40.31 | 36.32 | Average | 165 | 355 | HORIZONTAL |
| 2 | 11225.52 | 55.37 | 74.00 | -18.63 | 41.04 | 10.34 | 40.31 | 36.32 | Peak | 165 | 355 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11210.88 | 55.17 | 74.00 | -18.83 | 40.85 | 10.33 | 40.31 | 36.32 | Peak | 165 | 112 | VERTICAL |
| 2 | 11222.32 | 42.81 | 54.00 | -11.19 | 28.48 | 10.34 | 40.31 | 36.32 | Average | 165 | 112 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11384.08 | 56.69 | 74.00 | -17.31 | 42.25 | 10.44 | 40.25 | 36.25 | Peak | 165 | 218 | HORIZONTAL |
| 2 | 11385.20 | 43.38 | 54.00 | -10.62 | 28.94 | 10.44 | 40.25 | 36.25 | Average | 165 | 218 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 16369.84 | 57.40 | 74.00 | -16.60 | 42.50 | 12.36 | 38.22 | 35.68 | Peak | 165 | 244 | VERTICAL |
| 2 | 16370.08 | 45.09 | 54.00 | -8.91 | 30.19 | 12.36 | 38.22 | 35.68 | Average | 165 | 244 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11549.68 | 43.45 | 54.00 | -10.55 | 29.01 | 10.53 | 40.08 | 36.17 | Average | 165 | 228 | HORIZONTAL |
| 2 | 11556.32 | 55.89 | 74.00 | -18.11 | 41.45 | 10.53 | 40.08 | 36.17 | Peak | 165 | 228 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11537.92 | 56.34 | 74.00 | -17.66 | 41.89 | 10.52 | 40.11 | 36.18 | Peak | 165 | 139 | VERTICAL |
| 2 | 11553.52 | 43.50 | 54.00 | -10.50 | 29.07 | 10.53 | 40.07 | 36.17 | Average | 165 | 139 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT80 CH 42 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15610.48 | 45.83 | 54.00 | -8.17 | 30.64 | 12.07 | 38.03 | 34.91 | Average | 165 | 67 | HORIZONTAL |
| 2 | 15638.96 | 57.73 | 74.00 | -16.27 | 42.60 | 12.08 | 37.98 | 34.93 | Peak | 165 | 67 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15619.04 | 57.97 | 74.00 | -16.03 | 42.81 | 12.07 | 38.01 | 34.92 | Peak | 165 | 154 | VERTICAL |
| 2 | 15619.84 | 45.87 | 54.00 | -8.13 | 30.71 | 12.07 | 38.01 | 34.92 | Average | 165 | 154 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT80 CH 58 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15876.56 | 45.12 | 54.00 | -8.88 | 30.40 | 12.17 | 37.59 | 35.04 | Average | 165 | 256 | HORIZONTAL |
| 2 | 15878.08 | 57.69 | 74.00 | -16.31 | 42.97 | 12.17 | 37.59 | 35.04 | Peak | 165 | 256 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 15854.16 | 57.69 | 74.00 | -16.31 | 42.93 | 12.16 | 37.63 | 35.03 | Peak | 165 | 203 | VERTICAL |
| 2 | 15862.00 | 45.01 | 54.00 | -8.99 | 30.25 | 12.17 | 37.62 | 35.03 | Average | 165 | 203 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT80 CH 106 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11056.88 | 55.26 | 74.00 | -18.74 | 41.04 | 10.24 | 40.37 | 36.39 | Peak | 165 | 160 | HORIZONTAL |
| 2 | 11066.00 | 42.87 | 54.00 | -11.13 | 28.65 | 10.24 | 40.37 | 36.39 | Average | 165 | 160 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11068.40 | 55.73 | 74.00 | -18.27 | 41.50 | 10.25 | 40.37 | 36.39 | Peak | 165 | 272 | VERTICAL |
| 2 | 11070.96 | 42.99 | 54.00 | -11.01 | 28.76 | 10.25 | 40.37 | 36.39 | Average | 165 | 272 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT80 CH 122 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11213.60 | 42.36 | 54.00 | -11.64 | 28.04 | 10.33 | 40.31 | 36.32 | Average | 165 | 262 | HORIZONTAL |
| 2 | 11224.88 | 55.13 | 74.00 | -18.87 | 40.80 | 10.34 | 40.31 | 36.32 | Peak | 165 | 262 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11205.44 | 42.55 | 54.00 | -11.45 | 28.23 | 10.33 | 40.32 | 36.33 | Average | 165 | 302 | VERTICAL |
| 2 | 11226.24 | 55.59 | 74.00 | -18.41 | 41.26 | 10.34 | 40.31 | 36.32 | Peak | 165 | 302 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11392.64 | 55.69 | 74.00 | -18.31 | 41.24 | 10.44 | 40.25 | 36.24 | Peak | 165 | 344 | HORIZONTAL |
| 2 | 11393.92 | 43.16 | 54.00 | -10.84 | 28.71 | 10.44 | 40.25 | 36.24 | Average | 165 | 344 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11367.84 | 55.92 | 74.00 | -18.08 | 41.49 | 10.43 | 40.25 | 36.25 | Peak | 165 | 171 | VERTICAL |
| 2 | 11395.12 | 43.33 | 54.00 | -10.67 | 28.89 | 10.44 | 40.24 | 36.24 | Average | 165 | 171 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT80 CH 155 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11537.76 | 55.71 | 74.00 | -18.29 | 41.25 | 10.52 | 40.12 | 36.18 | Peak | 165 | 105 | HORIZONTAL |
| 2 | 11556.80 | 43.60 | 54.00 | -10.40 | 29.16 | 10.53 | 40.08 | 36.17 | Average | 165 | 105 | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 11551.44 | 43.52 | 54.00 | -10.48 | 29.09 | 10.53 | 40.07 | 36.17 | Average | 165 | 24 | VERTICAL |
| 2 | 11553.76 | 56.24 | 74.00 | -17.76 | 41.81 | 10.53 | 40.07 | 36.17 | Peak | 165 | 24 | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 36 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15539.90 | 45.05 | 54.00 | -8.95 | 28.74 | 12.58 | 38.45 | 34.72 | 218 | 100 | Average | HORIZONTAL |
| 2 | 15541.67 | 59.67 | 74.00 | -14.33 | 43.37 | 12.58 | 38.45 | 34.73 | 218 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15540.78 | 44.90 | 54.00 | -9.10 | 28.59 | 12.58 | 38.45 | 34.72 | 147 | 100 | Average | VERTICAL |
| 2 | 15540.98 | 59.45 | 74.00 | -14.55 | 43.15 | 12.58 | 38.45 | 34.73 | 147 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 40 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15598.72 | 44.60 | 54.00 | -9.40 | 28.41 | 12.58 | 38.36 | 34.75 | 69 | 100 | Average | HORIZONTAL |
| 2 | 15600.67 | 59.40 | 74.00 | -14.60 | 43.21 | 12.58 | 38.36 | 34.75 | 69 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15600.92 | 44.45 | 54.00 | -9.55 | 28.26 | 12.58 | 38.36 | 34.75 | 147 | 100 | Average | VERTICAL |
| 2 | 15601.71 | 58.86 | 74.00 | -15.14 | 42.67 | 12.58 | 38.36 | 34.75 | 147 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 48 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15717.50 | 44.65 | 54.00 | -9.35 | 28.69 | 12.57 | 38.19 | 34.80 | 265 | 100 | Average | HORIZONTAL |
| 2 | 15719.89 | 59.19 | 74.00 | -14.81 | 43.23 | 12.57 | 38.19 | 34.80 | 265 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15719.76 | 44.51 | 54.00 | -9.49 | 28.55 | 12.57 | 38.19 | 34.80 | 217 | 100 | Average | VERTICAL |
| 2 | 15722.23 | 58.68 | 74.00 | -15.32 | 42.72 | 12.57 | 38.19 | 34.80 | 217 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 52 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15780.46 | 44.15 | 54.00 | -9.85 | 28.29 | 12.57 | 38.11 | 34.82 | 301 | 100 | Average | HORIZONTAL |
| 2 | 15780.46 | 58.03 | 74.00 | -15.97 | 42.17 | 12.57 | 38.11 | 34.82 | 301 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15777.50 | 44.21 | 54.00 | -9.79 | 28.35 | 12.57 | 38.11 | 34.82 | 301 | 100 | Average | VERTICAL |
| 2 | 15779.22 | 58.83 | 74.00 | -15.17 | 42.97 | 12.57 | 38.11 | 34.82 | 301 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 60 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10598.20 | 56.85 | 74.00 | -17.15 | 42.00 | 10.16 | 38.92 | 34.23 | 145 | 100 | Peak | HORIZONTAL |
| 2 | 10600.64 | 42.66 | 54.00 | -11.34 | 27.82 | 10.16 | 38.92 | 34.24 | 145 | 100 | Average | HORIZONTAL |
| 3 | 15900.02 | 44.30 | 54.00 | -9.70 | 28.66 | 12.57 | 37.94 | 34.87 | 190 | 100 | Average | HORIZONTAL |
| 4 | 15901.06 | 58.80 | 74.00 | -15.20 | 43.18 | 12.57 | 37.92 | 34.87 | 190 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10599.19 | 42.56 | 54.00 | -11.44 | 27.72 | 10.16 | 38.92 | 34.24 | 145 | 100 | Average | VERTICAL |
| 2 | 10599.70 | 56.76 | 74.00 | -17.24 | 41.92 | 10.16 | 38.92 | 34.24 | 145 | 100 | Peak | VERTICAL |
| 3 | 15901.63 | 44.00 | 54.00 | -10.00 | 28.38 | 12.57 | 37.92 | 34.87 | 170 | 100 | Average | VERTICAL |
| 4 | 15902.40 | 58.24 | 74.00 | -15.76 | 42.62 | 12.57 | 37.92 | 34.87 | 170 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10637.97 | 42.66 | 54.00 | -11.34 | 27.83 | 10.21 | 38.93 | 34.31 | 114 | 100 | Average | HORIZONTAL |
| 2 | 10639.74 | 56.84 | 74.00 | -17.16 | 42.01 | 10.21 | 38.93 | 34.31 | 114 | 100 | Peak | HORIZONTAL |
| 3 | 15959.01 | 58.95 | 74.00 | -15.05 | 43.43 | 12.56 | 37.85 | 34.89 | 177 | 100 | Peak | HORIZONTAL |
| 4 | 15960.02 | 43.93 | 54.00 | -10.07 | 28.41 | 12.56 | 37.85 | 34.89 | 177 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10637.91 | 57.94 | 74.00 | -16.06 | 43.11 | 10.21 | 38.93 | 34.31 | 136 | 100 | Peak | VERTICAL |
| 2 | 10638.48 | 42.58 | 54.00 | -11.42 | 27.75 | 10.21 | 38.93 | 34.31 | 136 | 100 | Average | VERTICAL |
| 3 | 15958.48 | 43.97 | 54.00 | -10.03 | 28.45 | 12.56 | 37.85 | 34.89 | 92 | 100 | Average | VERTICAL |
| 4 | 15961.36 | 57.57 | 74.00 | -16.43 | 42.05 | 12.56 | 37.85 | 34.89 | 92 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 100 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10998.65 | 42.50 | 54.00 | -11.50 | 27.96 | 10.55 | 39.00 | 35.01 | 137 | 100 | Average | HORIZONTAL |
| 2 | 11001.05 | 56.90 | 74.00 | -17.10 | 42.36 | 10.55 | 39.00 | 35.01 | 137 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10998.60 | 56.75 | 74.00 | -17.25 | 42.21 | 10.55 | 39.00 | 35.01 | 195 | 100 | Peak | VERTICAL |
| 2 | 11000.67 | 42.45 | 54.00 | -11.55 | 27.91 | 10.55 | 39.00 | 35.01 | 195 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 116 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11158.22 | 42.43 | 54.00 | -11.57 | 27.72 | 10.60 | 39.13 | 35.02 | 198 | 100 | Average | HORIZONTAL |
| 2 | 11158.39 | 57.80 | 74.00 | -16.20 | 43.09 | 10.60 | 39.13 | 35.02 | 198 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11160.20 | 56.65 | 74.00 | -17.35 | 41.94 | 10.60 | 39.13 | 35.02 | 287 | 100 | Peak | VERTICAL |
| 2 | 11160.87 | 42.61 | 54.00 | -11.39 | 27.90 | 10.60 | 39.13 | 35.02 | 287 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11400.38 | 43.34 | 54.00 | -10.66 | 28.36 | 10.69 | 39.32 | 35.03 | 55 | 100 | Average | HORIZONTAL |
| 2 | 11401.22 | 58.61 | 74.00 | -15.39 | 43.63 | 10.69 | 39.32 | 35.03 | 55 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11400.01 | 57.87 | 74.00 | -16.13 | 42.89 | 10.69 | 39.32 | 35.03 | 116 | 100 | Peak | VERTICAL |
| 2 | 11401.63 | 43.63 | 54.00 | -10.37 | 28.65 | 10.69 | 39.32 | 35.03 | 116 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 144 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11438.89 | 43.55 | 54.00 | -10.45 | 28.54 | 10.69 | 39.35 | 35.03 | 127 | 100 | Average | HORIZONTAL |
| 2 | 11441.94 | 58.45 | 74.00 | -15.55 | 43.44 | 10.69 | 39.35 | 35.03 | 127 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11438.89 | 43.95 | 54.00 | -10.05 | 28.94 | 10.69 | 39.35 | 35.03 | 303 | 100 | Average | VERTICAL |
| 2 | 11442.20 | 58.18 | 74.00 | -15.82 | 43.17 | 10.69 | 39.35 | 35.03 | 303 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 149 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11487.95 | 57.63 | 74.00 | -16.37 | 42.56 | 10.71 | 39.39 | 35.03 | 68 | 100 | Peak | HORIZONTAL |
| 2 | 11488.61 | 43.31 | 54.00 | -10.69 | 28.24 | 10.71 | 39.39 | 35.03 | 68 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11489.32 | 43.18 | 54.00 | -10.82 | 28.11 | 10.71 | 39.39 | 35.03 | 168 | 100 | Average | VERTICAL |
| 2 | 11491.13 | 57.88 | 74.00 | -16.12 | 42.81 | 10.71 | 39.39 | 35.03 | 168 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 157 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11568.42 | 43.24 | 54.00 | -10.76 | 28.08 | 10.75 | 39.44 | 35.03 | 38 | 100 | Average | HORIZONTAL |
| 2 | 11568.88 | 57.78 | 74.00 | -16.22 | 42.62 | 10.75 | 39.44 | 35.03 | 38 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11569.06 | 57.21 | 74.00 | -16.79 | 42.05 | 10.75 | 39.44 | 35.03 | 100 | 100 | Peak | VERTICAL |
| 2 | 11572.24 | 43.39 | 54.00 | -10.61 | 28.22 | 10.76 | 39.44 | 35.03 | 100 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 165 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11647.91 | 57.91 | 74.00 | -16.09 | 42.66 | 10.81 | 39.48 | 35.04 | 234 | 100 | Peak | HORIZONTAL |
| 2 | 11650.02 | 43.38 | 54.00 | -10.62 | 28.13 | 10.81 | 39.48 | 35.04 | 234 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11648.90 | 58.33 | 74.00 | -15.67 | 43.08 | 10.81 | 39.48 | 35.04 | 321 | 100 | Peak | VERTICAL |
| 2 | 11649.94 | 43.56 | 54.00 | -10.44 | 28.31 | 10.81 | 39.48 | 35.04 | 321 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15540.00 | 58.28 | 74.00 | -15.72 | 41.97 | 12.58 | 38.45 | 34.72 | 73 | 100 | Peak | HORIZONTAL |
| 2 | 15541.72 | 43.28 | 54.00 | -10.72 | 26.98 | 12.58 | 38.45 | 34.73 | 73 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15540.00 | 43.31 | 54.00 | -10.69 | 27.00 | 12.58 | 38.45 | 34.72 | 118 | 100 | Average | VERTICAL |
| 2 | 15543.00 | 57.65 | 74.00 | -16.35 | 41.35 | 12.58 | 38.45 | 34.73 | 118 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15600.00 | 42.74 | 54.00 | -11.26 | 26.55 | 12.58 | 38.36 | 34.75 | 133 | 100 | Average | HORIZONTAL |
| 2 | 15603.00 | 56.89 | 74.00 | -17.11 | 40.70 | 12.58 | 38.36 | 34.75 | 133 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15598.41 | 59.96 | 74.00 | -14.04 | 43.77 | 12.58 | 38.36 | 34.75 | 82 | 100 | Peak | VERTICAL |
| 2 | 15601.50 | 45.25 | 54.00 | -8.75 | 29.06 | 12.58 | 38.36 | 34.75 | 82 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15719.46 | 45.12 | 54.00 | -8.88 | 29.16 | 12.57 | 38.19 | 34.80 | 255 | 100 | Average | HORIZONTAL |
| 2 | 15719.62 | 58.60 | 74.00 | -15.40 | 42.64 | 12.57 | 38.19 | 34.80 | 255 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15717.50 | 45.95 | 54.00 | -8.05 | 29.99 | 12.57 | 38.19 | 34.80 | 179 | 100 | Average | VERTICAL |
| 2 | 15720.00 | 60.23 | 74.00 | -13.77 | 44.27 | 12.57 | 38.19 | 34.80 | 179 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15778.00 | 59.63 | 74.00 | -14.37 | 43.77 | 12.57 | 38.11 | 34.82 | 175 | 100 | Peak | HORIZONTAL |
| 2 | 15780.50 | 44.52 | 54.00 | -9.48 | 28.66 | 12.57 | 38.11 | 34.82 | 175 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15777.50 | 44.53 | 54.00 | -9.47 | 28.67 | 12.57 | 38.11 | 34.82 | 150 | 100 | Average | VERTICAL |
| 2 | 15781.24 | 59.04 | 74.00 | -14.96 | 43.18 | 12.57 | 38.11 | 34.82 | 150 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10599.21 | 42.77 | 54.00 | -11.23 | 27.93 | 10.16 | 38.92 | 34.24 | 248 | 100 | Average | HORIZONTAL |
| 2 | 10599.62 | 56.93 | 74.00 | -17.07 | 42.09 | 10.16 | 38.92 | 34.24 | 248 | 100 | Peak | HORIZONTAL |
| 3 | 15899.40 | 44.45 | 54.00 | -9.55 | 28.81 | 12.57 | 37.94 | 34.87 | 275 | 100 | Average | HORIZONTAL |
| 4 | 15900.23 | 59.09 | 74.00 | -14.91 | 43.45 | 12.57 | 37.94 | 34.87 | 275 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10599.01 | 42.87 | 54.00 | -11.13 | 28.02 | 10.16 | 38.92 | 34.23 | 102 | 100 | Average | VERTICAL |
| 2 | 10601.45 | 57.79 | 74.00 | -16.21 | 42.92 | 10.19 | 38.92 | 34.24 | 102 | 100 | Peak | VERTICAL |
| 3 | 15898.70 | 59.31 | 74.00 | -14.69 | 43.67 | 12.57 | 37.94 | 34.87 | 202 | 100 | Peak | VERTICAL |
| 4 | 15899.98 | 44.48 | 54.00 | -9.52 | 28.84 | 12.57 | 37.94 | 34.87 | 202 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10637.96 | 57.85 | 74.00 | -16.15 | 43.02 | 10.21 | 38.93 | 34.31 | 305 | 100 | Peak | HORIZONTAL |
| 2 | 10639.98 | 42.71 | 54.00 | -11.29 | 27.89 | 10.21 | 38.93 | 34.32 | 305 | 100 | Average | HORIZONTAL |
| 3 | 15959.67 | 58.02 | 74.00 | -15.98 | 42.50 | 12.56 | 37.85 | 34.89 | 354 | 100 | Peak | HORIZONTAL |
| 4 | 15960.04 | 43.98 | 54.00 | -10.02 | 28.46 | 12.56 | 37.85 | 34.89 | 354 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10639.46 | 57.09 | 74.00 | -16.91 | 42.26 | 10.21 | 38.93 | 34.31 | 279 | 100 | Peak | VERTICAL |
| 2 | 10639.92 | 42.71 | 54.00 | -11.29 | 27.89 | 10.21 | 38.93 | 34.32 | 279 | 100 | Average | VERTICAL |
| 3 | 15958.25 | 58.46 | 74.00 | -15.54 | 42.94 | 12.56 | 37.85 | 34.89 | 279 | 100 | Peak | VERTICAL |
| 4 | 15960.14 | 43.82 | 54.00 | -10.18 | 28.30 | 12.56 | 37.85 | 34.89 | 279 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10999.94 | 42.56 | 54.00 | -11.44 | 28.02 | 10.55 | 39.00 | 35.01 | 53 | 100 | Average | HORIZONTAL |
| 2 | 11001.43 | 56.85 | 74.00 | -17.15 | 42.31 | 10.55 | 39.00 | 35.01 | 53 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10999.89 | 57.37 | 74.00 | -16.63 | 42.83 | 10.55 | 39.00 | 35.01 | 172 | 100 | Peak | VERTICAL |
| 2 | 11000.03 | 42.53 | 54.00 | -11.47 | 27.99 | 10.55 | 39.00 | 35.01 | 172 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11158.53 | 58.04 | 74.00 | -15.96 | 43.33 | 10.60 | 39.13 | 35.02 | 125 | 100 | Peak | HORIZONTAL |
| 2 | 11160.21 | 42.34 | 54.00 | -11.66 | 27.63 | 10.60 | 39.13 | 35.02 | 125 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11159.74 | 56.53 | 74.00 | -17.47 | 41.82 | 10.60 | 39.13 | 35.02 | 158 | 100 | Peak | VERTICAL |
| 2 | 11160.50 | 42.45 | 54.00 | -11.55 | 27.74 | 10.60 | 39.13 | 35.02 | 158 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11399.72 | 43.31 | 54.00 | -10.69 | 28.33 | 10.69 | 39.32 | 35.03 | 123 | 100 | Average | HORIZONTAL |
| 2 | 11401.51 | 59.00 | 74.00 | -15.00 | 44.02 | 10.69 | 39.32 | 35.03 | 123 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11400.17 | 57.43 | 74.00 | -16.57 | 42.45 | 10.69 | 39.32 | 35.03 | 158 | 100 | Peak | VERTICAL |
| 2 | 11402.00 | 43.30 | 54.00 | -10.70 | 28.32 | 10.69 | 39.32 | 35.03 | 158 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11439.86 | 43.53 | 54.00 | -10.47 | 28.52 | 10.69 | 39.35 | 35.03 | 94 | 100 | Average | HORIZONTAL |
| 2 | 11440.74 | 55.87 | 74.00 | -18.13 | 40.86 | 10.69 | 39.35 | 35.03 | 94 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11439.59 | 58.21 | 74.00 | -15.79 | 43.20 | 10.69 | 39.35 | 35.03 | 248 | 100 | Peak | VERTICAL |
| 2 | 11440.00 | 43.54 | 54.00 | -10.46 | 28.53 | 10.69 | 39.35 | 35.03 | 248 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11489.58 | 58.57 | 74.00 | -15.43 | 43.50 | 10.71 | 39.39 | 35.03 | 157 | 100 | Peak | HORIZONTAL |
| 2 | 11490.40 | 43.14 | 54.00 | -10.86 | 28.07 | 10.71 | 39.39 | 35.03 | 157 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11489.95 | 56.96 | 74.00 | -17.04 | 41.89 | 10.71 | 39.39 | 35.03 | 293 | 100 | Peak | VERTICAL |
| 2 | 11490.09 | 43.12 | 54.00 | -10.88 | 28.05 | 10.71 | 39.39 | 35.03 | 293 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11568.50 | 43.29 | 54.00 | -10.71 | 28.13 | 10.75 | 39.44 | 35.03 | 103 | 100 | Average | HORIZONTAL |
| 2 | 11570.15 | 56.97 | 74.00 | -17.03 | 41.80 | 10.76 | 39.44 | 35.03 | 103 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11569.00 | 43.38 | 54.00 | -10.62 | 28.22 | 10.75 | 39.44 | 35.03 | 204 | 100 | Average | VERTICAL |
| 2 | 11569.74 | 57.55 | 74.00 | -16.45 | 42.39 | 10.75 | 39.44 | 35.03 | 204 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11647.92 | 57.68 | 74.00 | -16.32 | 42.43 | 10.81 | 39.48 | 35.04 | 237 | 100 | Peak | HORIZONTAL |
| 2 | 11650.33 | 43.12 | 54.00 | -10.88 | 27.87 | 10.81 | 39.48 | 35.04 | 237 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11650.19 | 43.23 | 54.00 | -10.77 | 27.98 | 10.81 | 39.48 | 35.04 | 306 | 100 | Average | VERTICAL |
| 2 | 11652.36 | 57.95 | 74.00 | -16.05 | 42.69 | 10.81 | 39.49 | 35.04 | 306 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 36 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15539.49 | 44.83 | 54.00 | -9.17 | 28.52 | 12.58 | 38.45 | 34.72 | 82 | 100 | Average | HORIZONTAL |
| 2 | 15540.90 | 58.26 | 74.00 | -15.74 | 41.96 | 12.58 | 38.45 | 34.73 | 82 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15540.54 | 59.61 | 74.00 | -14.39 | 43.30 | 12.58 | 38.45 | 34.72 | 250 | 100 | Peak | VERTICAL |
| 2 | 15542.16 | 44.72 | 54.00 | -9.28 | 28.42 | 12.58 | 38.45 | 34.73 | 250 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 40 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15597.66 | 44.42 | 54.00 | -9.58 | 28.23 | 12.58 | 38.36 | 34.75 | 206 | 100 | Average | HORIZONTAL |
| 2 | 15598.85 | 58.63 | 74.00 | -15.37 | 42.44 | 12.58 | 38.36 | 34.75 | 206 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15598.34 | 58.08 | 74.00 | -15.92 | 41.89 | 12.58 | 38.36 | 34.75 | 323 | 100 | Peak | VERTICAL |
| 2 | 15598.84 | 44.39 | 54.00 | -9.61 | 28.20 | 12.58 | 38.36 | 34.75 | 323 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 48 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15719.05 | 44.46 | 54.00 | -9.54 | 28.50 | 12.57 | 38.19 | 34.80 | 118 | 100 | Average | HORIZONTAL |
| 2 | 15720.98 | 58.18 | 74.00 | -15.82 | 42.22 | 12.57 | 38.19 | 34.80 | 118 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15718.27 | 59.27 | 74.00 | -14.73 | 43.31 | 12.57 | 38.19 | 34.80 | 164 | 100 | Peak | VERTICAL |
| 2 | 15719.62 | 44.53 | 54.00 | -9.47 | 28.57 | 12.57 | 38.19 | 34.80 | 164 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 52 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15779.59 | 57.87 | 74.00 | -16.13 | 42.01 | 12.57 | 38.11 | 34.82 | 100 | 100 | Peak | HORIZONTAL |
| 2 | 15780.45 | 43.95 | 54.00 | -10.05 | 28.09 | 12.57 | 38.11 | 34.82 | 100 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15777.73 | 44.20 | 54.00 | -9.80 | 28.34 | 12.57 | 38.11 | 34.82 | 236 | 100 | Average | VERTICAL |
| 2 | 15782.36 | 57.49 | 74.00 | -16.51 | 41.65 | 12.57 | 38.09 | 34.82 | 236 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 60 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10597.98 | 56.45 | 74.00 | -17.55 | 41.60 | 10.16 | 38.92 | 34.23 | 172 | 100 | Peak | HORIZONTAL |
| 2 | 10598.81 | 42.81 | 54.00 | -11.19 | 27.96 | 10.16 | 38.92 | 34.23 | 172 | 100 | Average | HORIZONTAL |
| 3 | 15898.89 | 43.90 | 54.00 | -10.10 | 28.26 | 12.57 | 37.94 | 34.87 | 209 | 100 | Average | HORIZONTAL |
| 4 | 15901.88 | 58.24 | 74.00 | -15.76 | 42.62 | 12.57 | 37.92 | 34.87 | 209 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10597.84 | 56.53 | 74.00 | -17.47 | 41.68 | 10.16 | 38.92 | 34.23 | 309 | 100 | Peak | VERTICAL |
| 2 | 10600.38 | 42.81 | 54.00 | -11.19 | 27.97 | 10.16 | 38.92 | 34.24 | 309 | 100 | Average | VERTICAL |
| 3 | 15900.66 | 57.62 | 74.00 | -16.38 | 42.00 | 12.57 | 37.92 | 34.87 | 251 | 100 | Peak | VERTICAL |
| 4 | 15901.60 | 44.01 | 54.00 | -9.99 | 28.39 | 12.57 | 37.92 | 34.87 | 251 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10637.62 | 55.01 | 74.00 | -18.99 | 40.18 | 10.21 | 38.93 | 34.31 | 88 | 100 | Peak | HORIZONTAL |
| 2 | 10640.30 | 42.95 | 54.00 | -11.05 | 28.13 | 10.21 | 38.93 | 34.32 | 88 | 100 | Average | HORIZONTAL |
| 3 | 15958.97 | 43.58 | 54.00 | -10.42 | 28.06 | 12.56 | 37.85 | 34.89 | 225 | 100 | Average | HORIZONTAL |
| 4 | 15958.97 | 57.22 | 74.00 | -16.78 | 41.70 | 12.56 | 37.85 | 34.89 | 225 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10639.83 | 57.12 | 74.00 | -16.88 | 42.29 | 10.21 | 38.93 | 34.31 | 142 | 100 | Peak | VERTICAL |
| 2 | 10640.30 | 42.88 | 54.00 | -11.12 | 28.06 | 10.21 | 38.93 | 34.32 | 142 | 100 | Average | VERTICAL |
| 3 | 15959.09 | 43.43 | 54.00 | -10.57 | 27.91 | 12.56 | 37.85 | 34.89 | 180 | 100 | Average | VERTICAL |
| 4 | 15960.61 | 56.99 | 74.00 | -17.01 | 41.47 | 12.56 | 37.85 | 34.89 | 180 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 100 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10998.27 | 55.94 | 74.00 | -18.06 | 41.40 | 10.55 | 39.00 | 35.01 | 116 | 100 | Peak | HORIZONTAL |
| 2 | 10998.40 | 42.55 | 54.00 | -11.45 | 28.01 | 10.55 | 39.00 | 35.01 | 116 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11001.25 | 57.22 | 74.00 | -16.78 | 42.68 | 10.55 | 39.00 | 35.01 | 170 | 100 | Peak | VERTICAL |
| 2 | 11001.47 | 42.58 | 54.00 | -11.42 | 28.04 | 10.55 | 39.00 | 35.01 | 170 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 116 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11159.26 | 42.85 | 54.00 | -11.15 | 28.14 | 10.60 | 39.13 | 35.02 | 85 | 100 | Average | HORIZONTAL |
| 2 | 11160.48 | 56.77 | 74.00 | -17.23 | 42.06 | 10.60 | 39.13 | 35.02 | 85 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11158.67 | 56.53 | 74.00 | -17.47 | 41.82 | 10.60 | 39.13 | 35.02 | 162 | 100 | Peak | VERTICAL |
| 2 | 11158.72 | 42.73 | 54.00 | -11.27 | 28.02 | 10.60 | 39.13 | 35.02 | 162 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11398.03 | 57.56 | 74.00 | -16.44 | 42.58 | 10.69 | 39.32 | 35.03 | 305 | 100 | Peak | HORIZONTAL |
| 2 | 11399.23 | 43.55 | 54.00 | -10.45 | 28.57 | 10.69 | 39.32 | 35.03 | 305 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11397.83 | 43.72 | 54.00 | -10.28 | 28.74 | 10.69 | 39.32 | 35.03 | 195 | 100 | Average | VERTICAL |
| 2 | 11398.25 | 57.84 | 74.00 | -16.16 | 42.86 | 10.69 | 39.32 | 35.03 | 195 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11440.18 | 57.65 | 74.00 | -16.35 | 42.64 | 10.69 | 39.35 | 35.03 | 122 | 100 | Peak | HORIZONTAL |
| 2 | 11441.48 | 43.58 | 54.00 | -10.42 | 28.57 | 10.69 | 39.35 | 35.03 | 122 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11439.85 | 57.51 | 74.00 | -16.49 | 42.50 | 10.69 | 39.35 | 35.03 | 185 | 100 | Peak | VERTICAL |
| 2 | 11441.21 | 43.62 | 54.00 | -10.38 | 28.61 | 10.69 | 39.35 | 35.03 | 185 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 149 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11488.65 | 43.35 | 54.00 | -10.65 | 28.28 | 10.71 | 39.39 | 35.03 | 227 | 100 | Average | HORIZONTAL |
| 2 | 11488.76 | 57.15 | 74.00 | -16.85 | 42.08 | 10.71 | 39.39 | 35.03 | 227 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11489.58 | 43.22 | 54.00 | -10.78 | 28.15 | 10.71 | 39.39 | 35.03 | 139 | 100 | Average | VERTICAL |
| 2 | 11492.23 | 57.21 | 74.00 | -16.79 | 42.14 | 10.71 | 39.39 | 35.03 | 139 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 157 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11570.76 | 58.12 | 74.00 | -15.88 | 42.95 | 10.76 | 39.44 | 35.03 | 333 | 100 | Peak | HORIZONTAL |
| 2 | 11572.06 | 43.29 | 54.00 | -10.71 | 28.12 | 10.76 | 39.44 | 35.03 | 333 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11570.78 | 43.44 | 54.00 | -10.56 | 28.27 | 10.76 | 39.44 | 35.03 | 199 | 100 | Average | VERTICAL |
| 2 | 11572.08 | 57.67 | 74.00 | -16.33 | 42.50 | 10.76 | 39.44 | 35.03 | 199 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 165 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11648.13 | 56.95 | 74.00 | -17.05 | 41.70 | 10.81 | 39.48 | 35.04 | 255 | 100 | Peak | HORIZONTAL |
| 2 | 11650.54 | 43.66 | 54.00 | -10.34 | 28.40 | 10.81 | 39.49 | 35.04 | 255 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11648.60 | 58.21 | 74.00 | -15.79 | 42.96 | 10.81 | 39.48 | 35.04 | 319 | 100 | Peak | VERTICAL |
| 2 | 11649.66 | 43.57 | 54.00 | -10.43 | 28.32 | 10.81 | 39.48 | 35.04 | 319 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15568.19 | 59.57 | 74.00 | -14.43 | 43.33 | 12.58 | 38.40 | 34.74 | 138 | 100 | Peak | HORIZONTAL |
| 2 | 15569.94 | 44.93 | 54.00 | -9.07 | 28.69 | 12.58 | 38.40 | 34.74 | 138 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15568.17 | 45.04 | 54.00 | -8.96 | 28.80 | 12.58 | 38.40 | 34.74 | 222 | 100 | Average | VERTICAL |
| 2 | 15571.87 | 58.52 | 74.00 | -15.48 | 42.28 | 12.58 | 38.40 | 34.74 | 222 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15687.87 | 59.49 | 74.00 | -14.51 | 43.46 | 12.58 | 38.23 | 34.78 | 151 | 100 | Peak | HORIZONTAL |
| 2 | 15689.83 | 44.07 | 54.00 | -9.93 | 28.05 | 12.58 | 38.23 | 34.79 | 151 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15689.83 | 44.27 | 54.00 | -9.73 | 28.25 | 12.58 | 38.23 | 34.79 | 311 | 100 | Average | VERTICAL |
| 2 | 15690.81 | 58.81 | 74.00 | -15.19 | 42.79 | 12.58 | 38.23 | 34.79 | 311 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15810.23 | 44.21 | 54.00 | -9.79 | 28.40 | 12.57 | 38.07 | 34.83 | 195 | 100 | Average | HORIZONTAL |
| 2 | 15810.41 | 57.76 | 74.00 | -16.24 | 41.95 | 12.57 | 38.07 | 34.83 | 195 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15809.98 | 44.68 | 54.00 | -9.32 | 28.87 | 12.57 | 38.07 | 34.83 | 135 | 100 | Average | VERTICAL |
| 2 | 15810.24 | 58.28 | 74.00 | -15.72 | 42.47 | 12.57 | 38.07 | 34.83 | 135 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10618.63 | 57.48 | 74.00 | -16.52 | 42.64 | 10.19 | 38.92 | 34.27 | 137 | 100 | Peak | HORIZONTAL |
| 2 | 10620.01 | 42.72 | 54.00 | -11.28 | 27.89 | 10.19 | 38.92 | 34.28 | 137 | 100 | Average | HORIZONTAL |
| 3 | 15928.81 | 57.85 | 74.00 | -16.15 | 42.27 | 12.56 | 37.90 | 34.88 | 231 | 100 | Peak | HORIZONTAL |
| 4 | 15930.54 | 44.31 | 54.00 | -9.69 | 28.73 | 12.56 | 37.90 | 34.88 | 231 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10619.73 | 42.87 | 54.00 | -11.13 | 28.04 | 10.19 | 38.92 | 34.28 | 264 | 100 | Average | VERTICAL |
| 2 | 10620.01 | 56.55 | 74.00 | -17.45 | 41.72 | 10.19 | 38.92 | 34.28 | 264 | 100 | Peak | VERTICAL |
| 3 | 15928.60 | 43.98 | 54.00 | -10.02 | 28.40 | 12.56 | 37.90 | 34.88 | 307 | 100 | Average | VERTICAL |
| 4 | 15929.89 | 57.92 | 74.00 | -16.08 | 42.34 | 12.56 | 37.90 | 34.88 | 307 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11019.73 | 42.56 | 54.00 | -11.44 | 28.00 | 10.56 | 39.01 | 35.01 | 77 | 100 | Average | HORIZONTAL |
| 2 | 11020.32 | 56.70 | 74.00 | -17.30 | 42.14 | 10.56 | 39.01 | 35.01 | 77 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11019.44 | 43.16 | 54.00 | -10.84 | 28.60 | 10.56 | 39.01 | 35.01 | 284 | 100 | Average | VERTICAL |
| 2 | 11019.67 | 57.29 | 74.00 | -16.71 | 42.73 | 10.56 | 39.01 | 35.01 | 284 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11099.32 | 42.68 | 54.00 | -11.32 | 28.03 | 10.58 | 39.08 | 35.01 | 302 | 100 | Average | HORIZONTAL |
| 2 | 11101.33 | 57.50 | 74.00 | -16.50 | 42.85 | 10.58 | 39.08 | 35.01 | 302 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11100.88 | 42.69 | 54.00 | -11.31 | 28.04 | 10.58 | 39.08 | 35.01 | 253 | 100 | Average | VERTICAL |
| 2 | 11101.89 | 57.19 | 74.00 | -16.81 | 42.54 | 10.58 | 39.08 | 35.01 | 253 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11338.91 | 56.70 | 74.00 | -17.30 | 41.79 | 10.66 | 39.27 | 35.02 | 63 | 100 | Peak | HORIZONTAL |
| 2 | 11339.99 | 43.42 | 54.00 | -10.58 | 28.51 | 10.66 | 39.27 | 35.02 | 63 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11341.03 | 57.57 | 74.00 | -16.43 | 42.65 | 10.67 | 39.27 | 35.02 | 323 | 100 | Peak | VERTICAL |
| 2 | 11341.92 | 43.33 | 54.00 | -10.67 | 28.41 | 10.67 | 39.27 | 35.02 | 323 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11420.00 | 42.40 | 54.00 | -11.60 | 27.41 | 10.69 | 39.33 | 35.03 | 244 | 100 | Average | HORIZONTAL |
| 2 | 11420.00 | 56.90 | 74.00 | -17.10 | 41.91 | 10.69 | 39.33 | 35.03 | 244 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11418.33 | 43.88 | 54.00 | -10.12 | 28.89 | 10.69 | 39.33 | 35.03 | 118 | 100 | Average | VERTICAL |
| 2 | 11419.73 | 57.31 | 74.00 | -16.69 | 42.32 | 10.69 | 39.33 | 35.03 | 118 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11509.42 | 43.29 | 54.00 | -10.71 | 28.20 | 10.72 | 39.40 | 35.03 | 124 | 100 | Average | HORIZONTAL |
| 2 | 11511.79 | 56.94 | 74.00 | -17.06 | 41.85 | 10.72 | 39.40 | 35.03 | 124 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11508.08 | 43.30 | 54.00 | -10.70 | 28.21 | 10.72 | 39.40 | 35.03 | 202 | 100 | Average | VERTICAL |
| 2 | 11509.15 | 57.75 | 74.00 | -16.25 | 42.66 | 10.72 | 39.40 | 35.03 | 202 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11590.63 | 57.97 | 74.00 | -16.03 | 42.79 | 10.76 | 39.45 | 35.03 | 85 | 100 | Peak | HORIZONTAL |
| 2 | 11590.65 | 43.49 | 54.00 | -10.51 | 28.31 | 10.76 | 39.45 | 35.03 | 85 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11590.42 | 56.85 | 74.00 | -17.15 | 41.67 | 10.76 | 39.45 | 35.03 | 156 | 100 | Peak | VERTICAL |
| 2 | 11590.65 | 43.16 | 54.00 | -10.84 | 27.98 | 10.76 | 39.45 | 35.03 | 156 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 38 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15568.90 | 44.60 | 54.00 | -9.40 | 28.36 | 12.58 | 38.40 | 34.74 | 255 | 100 | Average | HORIZONTAL |
| 2 | 15570.77 | 58.42 | 74.00 | -15.58 | 42.18 | 12.58 | 38.40 | 34.74 | 255 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15567.80 | 44.61 | 54.00 | -9.39 | 28.37 | 12.58 | 38.40 | 34.74 | 344 | 100 | Average | VERTICAL |
| 2 | 15569.33 | 58.64 | 74.00 | -15.36 | 42.40 | 12.58 | 38.40 | 34.74 | 344 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 46 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15690.77 | 44.75 | 54.00 | -9.25 | 28.73 | 12.58 | 38.23 | 34.79 | 97 | 100 | Average | HORIZONTAL |
| 2 | 15692.13 | 58.71 | 74.00 | -15.29 | 42.69 | 12.58 | 38.23 | 34.79 | 97 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15687.53 | 58.91 | 74.00 | -15.09 | 42.88 | 12.58 | 38.23 | 34.78 | 143 | 100 | Peak | VERTICAL |
| 2 | 15691.11 | 44.33 | 54.00 | -9.67 | 28.31 | 12.58 | 38.23 | 34.79 | 143 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 54 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15808.12 | 58.11 | 74.00 | -15.89 | 42.30 | 12.57 | 38.07 | 34.83 | 162 | 100 | Peak | HORIZONTAL |
| 2 | 15810.14 | 43.88 | 54.00 | -10.12 | 28.07 | 12.57 | 38.07 | 34.83 | 162 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15810.00 | 43.73 | 54.00 | -10.27 | 27.92 | 12.57 | 38.07 | 34.83 | 269 | 100 | Average | VERTICAL |
| 2 | 15810.20 | 57.54 | 74.00 | -16.46 | 41.73 | 12.57 | 38.07 | 34.83 | 269 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 62 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10617.63 | 42.48 | 54.00 | -11.52 | 27.64 | 10.19 | 38.92 | 34.27 | 128 | 100 | Average | HORIZONTAL |
| 2 | 10619.15 | 56.49 | 74.00 | -17.51 | 41.65 | 10.19 | 38.92 | 34.27 | 128 | 100 | Peak | HORIZONTAL |
| 3 | 15929.96 | 57.84 | 74.00 | -16.16 | 42.26 | 12.56 | 37.90 | 34.88 | 179 | 100 | Peak | HORIZONTAL |
| 4 | 15932.39 | 43.68 | 54.00 | -10.32 | 28.10 | 12.56 | 37.90 | 34.88 | 179 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 10617.88 | 57.07 | 74.00 | -16.93 | 42.23 | 10.19 | 38.92 | 34.27 | 136 | 100 | Peak | VERTICAL |
| 2 | 10618.12 | 42.49 | 54.00 | -11.51 | 27.65 | 10.19 | 38.92 | 34.27 | 136 | 100 | Average | VERTICAL |
| 3 | 15928.65 | 43.74 | 54.00 | -10.26 | 28.16 | 12.56 | 37.90 | 34.88 | 238 | 100 | Average | VERTICAL |
| 4 | 15930.23 | 57.65 | 74.00 | -16.35 | 42.07 | 12.56 | 37.90 | 34.88 | 238 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 102 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11019.48 | 42.41 | 54.00 | -11.59 | 27.85 | 10.56 | 39.01 | 35.01 | 211 | 100 | Average | HORIZONTAL |
| 2 | 11022.10 | 56.89 | 74.00 | -17.11 | 42.31 | 10.56 | 39.03 | 35.01 | 211 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11018.98 | 57.31 | 74.00 | -16.69 | 42.75 | 10.56 | 39.01 | 35.01 | 309 | 100 | Peak | VERTICAL |
| 2 | 11019.45 | 42.48 | 54.00 | -11.52 | 27.92 | 10.56 | 39.01 | 35.01 | 309 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 110 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11098.61 | 42.47 | 54.00 | -11.53 | 27.82 | 10.58 | 39.08 | 35.01 | 99 | 100 | Average | HORIZONTAL |
| 2 | 11100.94 | 57.24 | 74.00 | -16.76 | 42.59 | 10.58 | 39.08 | 35.01 | 99 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11097.99 | 42.55 | 54.00 | -11.45 | 27.90 | 10.58 | 39.08 | 35.01 | 230 | 100 | Average | VERTICAL |
| 2 | 11098.51 | 56.50 | 74.00 | -17.50 | 41.85 | 10.58 | 39.08 | 35.01 | 230 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 134 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11340.20 | 57.04 | 74.00 | -16.96 | 42.13 | 10.66 | 39.27 | 35.02 | 339 | 100 | Peak | HORIZONTAL |
| 2 | 11340.66 | 43.16 | 54.00 | -10.84 | 28.24 | 10.67 | 39.27 | 35.02 | 339 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11339.83 | 57.20 | 74.00 | -16.80 | 42.29 | 10.66 | 39.27 | 35.02 | 275 | 100 | Peak | VERTICAL |
| 2 | 11341.54 | 43.08 | 54.00 | -10.92 | 28.16 | 10.67 | 39.27 | 35.02 | 275 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11418.25 | 43.56 | 54.00 | -10.44 | 28.57 | 10.69 | 39.33 | 35.03 | 197 | 100 | Average | HORIZONTAL |
| 2 | 11420.10 | 57.58 | 74.00 | -16.42 | 42.59 | 10.69 | 39.33 | 35.03 | 197 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11417.71 | 57.80 | 74.00 | -16.20 | 42.81 | 10.69 | 39.33 | 35.03 | 121 | 100 | Peak | VERTICAL |
| 2 | 11418.08 | 43.60 | 54.00 | -10.40 | 28.61 | 10.69 | 39.33 | 35.03 | 121 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 151 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11508.76 | 57.51 | 74.00 | -16.49 | 42.42 | 10.72 | 39.40 | 35.03 | 158 | 100 | Peak | HORIZONTAL |
| 2 | 11509.19 | 43.17 | 54.00 | -10.83 | 28.08 | 10.72 | 39.40 | 35.03 | 158 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11508.01 | 43.05 | 54.00 | -10.95 | 27.96 | 10.72 | 39.40 | 35.03 | 304 | 100 | Average | VERTICAL |
| 2 | 11508.65 | 57.74 | 74.00 | -16.26 | 42.65 | 10.72 | 39.40 | 35.03 | 304 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 159 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11590.23 | 57.86 | 74.00 | -16.14 | 42.68 | 10.76 | 39.45 | 35.03 | 315 | 100 | Peak | HORIZONTAL |
| 2 | 11592.22 | 43.17 | 54.00 | -10.83 | 27.99 | 10.76 | 39.45 | 35.03 | 315 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11590.94 | 43.28 | 54.00 | -10.72 | 28.10 | 10.76 | 39.45 | 35.03 | 143 | 100 | Average | VERTICAL |
| 2 | 11591.09 | 57.57 | 74.00 | -16.43 | 42.39 | 10.76 | 39.45 | 35.03 | 143 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15628.81 | 44.48 | 54.00 | -9.52 | 28.35 | 12.58 | 38.31 | 34.76 | 103 | 100 | Average | HORIZONTAL |
| 2 | 15629.79 | 57.83 | 74.00 | -16.17 | 41.70 | 12.58 | 38.31 | 34.76 | 103 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15628.81 | 44.75 | 54.00 | -9.25 | 28.62 | 12.58 | 38.31 | 34.76 | 191 | 100 | Average | VERTICAL |
| 2 | 15631.23 | 59.71 | 74.00 | -14.29 | 43.58 | 12.58 | 38.31 | 34.76 | 191 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15868.58 | 57.92 | 74.00 | -16.08 | 42.24 | 12.57 | 37.97 | 34.86 | 64 | 100 | Peak | HORIZONTAL |
| 2 | 15871.90 | 44.11 | 54.00 | -9.89 | 28.43 | 12.57 | 37.97 | 34.86 | 64 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15868.36 | 57.68 | 74.00 | -16.32 | 42.00 | 12.57 | 37.97 | 34.86 | 240 | 101 | Peak | VERTICAL |
| 2 | 15868.45 | 44.22 | 54.00 | -9.78 | 28.54 | 12.57 | 37.97 | 34.86 | 240 | 101 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11059.18 | 42.94 | 54.00 | -11.06 | 28.33 | 10.57 | 39.05 | 35.01 | 330 | 100 | Average | HORIZONTAL |
| 2 | 11062.09 | 56.46 | 74.00 | -17.54 | 41.84 | 10.58 | 39.05 | 35.01 | 330 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11058.18 | 57.50 | 74.00 | -16.50 | 42.89 | 10.57 | 39.05 | 35.01 | 281 | 100 | Peak | VERTICAL |
| 2 | 11061.26 | 42.89 | 54.00 | -11.11 | 28.27 | 10.58 | 39.05 | 35.01 | 281 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11219.82 | 55.39 | 74.00 | -18.61 | 40.61 | 10.63 | 39.17 | 35.02 | 308 | 100 | Peak | HORIZONTAL |
| 2 | 11222.04 | 43.16 | 54.00 | -10.84 | 28.38 | 10.63 | 39.17 | 35.02 | 308 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11218.98 | 56.48 | 74.00 | -17.52 | 41.70 | 10.63 | 39.17 | 35.02 | 131 | 100 | Peak | VERTICAL |
| 2 | 11219.86 | 43.28 | 54.00 | -10.72 | 28.50 | 10.63 | 39.17 | 35.02 | 131 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11380.10 | 43.26 | 54.00 | -10.74 | 28.30 | 10.68 | 39.31 | 35.03 | 104 | 100 | Average | HORIZONTAL |
| 2 | 11382.22 | 57.04 | 74.00 | -16.96 | 42.08 | 10.68 | 39.31 | 35.03 | 104 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11377.74 | 43.55 | 54.00 | -10.45 | 28.61 | 10.68 | 39.29 | 35.03 | 207 | 100 | Average | VERTICAL |
| 2 | 11380.52 | 57.75 | 74.00 | -16.25 | 42.79 | 10.68 | 39.31 | 35.03 | 207 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11463.17 | 57.32 | 74.00 | -16.68 | 42.29 | 10.70 | 39.36 | 35.03 | 84 | 100 | Peak | HORIZONTAL |
| 2 | 11464.70 | 43.85 | 54.00 | -10.15 | 28.81 | 10.70 | 39.37 | 35.03 | 84 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11464.06 | 43.92 | 54.00 | -10.08 | 28.88 | 10.70 | 39.37 | 35.03 | 235 | 100 | Average | VERTICAL |
| 2 | 11465.18 | 57.16 | 74.00 | -16.84 | 42.12 | 10.70 | 39.37 | 35.03 | 235 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT80 CH 42 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15630.62 | 44.51 | 54.00 | -9.49 | 28.38 | 12.58 | 38.31 | 34.76 | 339 | 100 | Average | HORIZONTAL |
| 2 | 15631.15 | 58.95 | 74.00 | -15.05 | 42.82 | 12.58 | 38.31 | 34.76 | 339 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15630.60 | 44.53 | 54.00 | -9.47 | 28.40 | 12.58 | 38.31 | 34.76 | 262 | 100 | Average | VERTICAL |
| 2 | 15632.11 | 58.36 | 74.00 | -15.64 | 42.23 | 12.58 | 38.31 | 34.76 | 262 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT80 CH 58 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15869.82 | 43.97 | 54.00 | -10.03 | 28.29 | 12.57 | 37.97 | 34.86 | 243 | 100 | Average | HORIZONTAL |
| 2 | 15870.43 | 58.07 | 74.00 | -15.93 | 42.39 | 12.57 | 37.97 | 34.86 | 243 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 15869.90 | 43.88 | 54.00 | -10.12 | 28.20 | 12.57 | 37.97 | 34.86 | 115 | 100 | Average | VERTICAL |
| 2 | 15870.59 | 58.71 | 74.00 | -15.29 | 43.03 | 12.57 | 37.97 | 34.86 | 115 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT80 CH 106 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11059.06 | 42.48 | 54.00 | -11.52 | 27.87 | 10.57 | 39.05 | 35.01 | 113 | 100 | Average | HORIZONTAL |
| 2 | 11060.34 | 57.29 | 74.00 | -16.71 | 42.67 | 10.58 | 39.05 | 35.01 | 113 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11058.44 | 42.56 | 54.00 | -11.44 | 27.95 | 10.57 | 39.05 | 35.01 | 46 | 100 | Average | VERTICAL |
| 2 | 11060.48 | 56.64 | 74.00 | -17.36 | 42.02 | 10.58 | 39.05 | 35.01 | 46 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT80 CH 122 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11219.67 | 56.65 | 74.00 | -17.35 | 41.87 | 10.63 | 39.17 | 35.02 | 203 | 100 | Peak | HORIZONTAL |
| 2 | 11220.42 | 42.52 | 54.00 | -11.48 | 27.74 | 10.63 | 39.17 | 35.02 | 203 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11220.32 | 42.54 | 54.00 | -11.46 | 27.76 | 10.63 | 39.17 | 35.02 | 127 | 100 | Average | VERTICAL |
| 2 | 11221.28 | 56.71 | 74.00 | -17.29 | 41.93 | 10.63 | 39.17 | 35.02 | 127 | 100 | Peak | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11378.61 | 42.97 | 54.00 | -11.03 | 28.01 | 10.68 | 39.31 | 35.03 | 187 | 100 | Average | HORIZONTAL |
| 2 | 11378.88 | 57.93 | 74.00 | -16.07 | 42.97 | 10.68 | 39.31 | 35.03 | 187 | 100 | Peak | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11378.92 | 57.13 | 74.00 | -16.87 | 42.17 | 10.68 | 39.31 | 35.03 | 257 | 100 | Peak | VERTICAL |
| 2 | 11380.66 | 43.17 | 54.00 | -10.83 | 28.21 | 10.68 | 39.31 | 35.03 | 257 | 100 | Average | VERTICAL |

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT80 CH 155 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 22, 2014 | Test Mode | Mode 4 (Ant. 5 PCB antenna / 5.74dBi) |

*Horizontal*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11550.33 | 57.81 | 74.00 | -16.19 | 42.66 | 10.75 | 39.43 | 35.03 | 107 | 100 | Peak | HORIZONTAL |
| 2 | 11550.47 | 43.12 | 54.00 | -10.88 | 27.97 | 10.75 | 39.43 | 35.03 | 107 | 100 | Average | HORIZONTAL |

*Vertical*

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 11550.74 | 43.05 | 54.00 | -10.95 | 27.90 | 10.75 | 39.43 | 35.03 | 239 | 100 | Average | VERTICAL |
| 2 | 11552.23 | 57.58 | 74.00 | -16.42 | 42.43 | 10.75 | 39.43 | 35.03 | 239 | 100 | Peak | VERTICAL |

Note:

The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

## 4.6. Band Edge Emissions Measurement

### 4.6.1. Limit

For transmitters operating in the 5.15-5.35 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

For transmitters operating in the 5.470-5.725 GHz band: all emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: all emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of −17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of −27 dBm/MHz.

In addition, In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

| Frequencies (MHz) | Field Strength (micorvolts/meter) | Measurement Distance (meters) |
|---|---|---|
| 0.009~0.490 | 2400/F(kHz) | 300 |
| 0.490~1.705 | 24000/F(kHz) | 30 |
| 1.705~30.0 | 30 | 30 |
| 30~88 | 100 | 3 |
| 88~216 | 150 | 3 |
| 216~960 | 200 | 3 |
| Above 960 | 500 | 3 |

### 4.6.2. Measuring Instruments and Setting

Please refer to section 5 of equipments list in this report. The following table is the setting of the spectrum analyzer.

| Spectrum Parameter | Setting |
|---|---|
| Attenuation | Auto |
| Span Frequency | 100 MHz |
| RBW / VBW (Emission in restricted band) | 1MHz / 3MHz for Peak,<br>1MHz / 1/T for Average |
| RBW / VBW (Emission in non-restricted band) | 1MHz / 3MHz for Peak |

### 4.6.3. Test Procedures

The test procedure is the same as section 4.5.3, only the frequency range investigated is limited to 100MHz around bandedges.

### 4.6.4. Test Setup Layout

This test setup layout is the same as that shown in section 4.5.4.

### 4.6.5. Test Deviation

There is no deviation with the original standard.

### 4.6.6. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

## 4.6.7. Test Result of Band Edge and Fundamental Emissions

| Temperature | 24.5℃ | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 36, 40, 48 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 06, 2014 | Test Mode | Mode 1 (Ant. 1 Dipole antenna / 1dBi) |

**Channel 36**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5097.03 | 64.73 | 74.00 | -9.27 | 61.89 | 4.31 | 33.06 | 34.53 | Peak | 350 | 111 | VERTICAL |
| 2 | 5107.16 | 53.84 | 54.00 | -0.16 | 50.96 | 4.32 | 33.09 | 34.53 | Average | 350 | 111 | VERTICAL |
| 3 | 5186.66 | 103.04 | | | 100.02 | 4.36 | 33.19 | 34.53 | Average | 350 | 111 | VERTICAL |
| 4 | 5186.95 | 113.29 | | | 110.27 | 4.36 | 33.19 | 34.53 | Peak | 350 | 111 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5180 MHz.

**Channel 40**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5120.77 | 53.92 | 54.00 | -0.08 | 51.04 | 4.32 | 33.09 | 34.53 | Average | 29 | 111 | VERTICAL |
| 2 | 5121.06 | 65.12 | 74.00 | -8.88 | 62.24 | 4.32 | 33.09 | 34.53 | Peak | 29 | 111 | VERTICAL |
| 3 | 5201.16 | 112.79 | | | 109.73 | 4.37 | 33.22 | 34.53 | Peak | 29 | 111 | VERTICAL |
| 4 | 5201.16 | 102.76 | | | 99.70 | 4.37 | 33.22 | 34.53 | Average | 29 | 111 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5200 MHz.

**Channel 48**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5127.42 | 46.24 | 54.00 | -7.76 | 43.33 | 4.33 | 33.11 | 34.53 | Average | 354 | 123 | VERTICAL |
| 2 | 5130.90 | 58.74 | 74.00 | -15.26 | 55.83 | 4.33 | 33.11 | 34.53 | Peak | 354 | 123 | VERTICAL |
| 3 | 5236.96 | 117.85 | | | 114.72 | 4.39 | 33.27 | 34.53 | Peak | 354 | 123 | VERTICAL |
| 4 | 5237.40 | 107.60 | | | 104.47 | 4.39 | 33.27 | 34.53 | Average | 354 | 123 | VERTICAL |
| 5 | 5357.81 | 58.67 | 74.00 | -15.33 | 55.27 | 4.47 | 33.46 | 34.53 | Peak | 354 | 123 | VERTICAL |
| 6 | 5357.81 | 46.19 | 54.00 | -7.81 | 42.79 | 4.47 | 33.46 | 34.53 | Average | 354 | 123 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5240 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 06, 2014 | Test Mode | Mode 1 (Ant. 1 Dipole antenna / 1dBi) |

**Channel 52**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5147.40 | 57.99 | 74.00 | -16.01 | 55.04 | 4.34 | 33.14 | 34.53 | Peak | 6 | 120 | VERTICAL |
| 2 | 5147.40 | 45.78 | 54.00 | -8.22 | 42.83 | 4.34 | 33.14 | 34.53 | Average | 6 | 120 | VERTICAL |
| 3 | 5258.70 | 118.01 | | | 114.79 | 4.42 | 33.33 | 34.53 | Peak | 6 | 120 | VERTICAL |
| 4 | 5258.70 | 107.84 | | | 104.62 | 4.42 | 33.33 | 34.53 | Average | 6 | 120 | VERTICAL |
| 5 | 5359.12 | 58.44 | 74.00 | -15.56 | 55.04 | 4.47 | 33.46 | 34.53 | Peak | 6 | 120 | VERTICAL |
| 6 | 5379.52 | 45.84 | 54.00 | -8.16 | 42.37 | 4.49 | 33.51 | 34.53 | Average | 6 | 120 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5260 MHz.

**Channel 60**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5298.26 | 103.15 | | | 99.86 | 4.44 | 33.38 | 34.53 | Average | 3 | 103 | VERTICAL |
| 2 | 5298.70 | 114.09 | | | 110.80 | 4.44 | 33.38 | 34.53 | Peak | 3 | 103 | VERTICAL |
| 3 | 5378.65 | 64.19 | 74.00 | -9.81 | 60.72 | 4.49 | 33.51 | 34.53 | Peak | 3 | 103 | VERTICAL |
| 4 | 5378.65 | 53.80 | 54.00 | -0.20 | 50.33 | 4.49 | 33.51 | 34.53 | Average | 3 | 103 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5300 MHz.

**Channel 64**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5318.26 | 113.34 | | | 110.01 | 4.45 | 33.41 | 34.53 | Peak | 359 | 100 | VERTICAL |
| 2 | 5318.26 | 102.63 | | | 99.30 | 4.45 | 33.41 | 34.53 | Average | 359 | 100 | VERTICAL |
| 3 | 5398.19 | 53.99 | 54.00 | -0.01 | 50.48 | 4.50 | 33.54 | 34.53 | Average | 359 | 100 | VERTICAL |
| 4 | 5399.06 | 64.60 | 74.00 | -9.40 | 61.09 | 4.50 | 33.54 | 34.53 | Peak | 359 | 100 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5320 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 100, 140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 06, 2014 / Nov. 26, 2014 | Test Mode | Mode 1 (Ant. 1 Dipole antenna / 1dBi) |

**Channel 100**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5418.32 | 53.99 | 54.00 | -0.01 | 50.43 | 4.52 | 33.57 | 34.53 | Average | 1 | 100 | VERTICAL |
| 2 | 5418.77 | 64.99 | 74.00 | -9.01 | 61.43 | 4.52 | 33.57 | 34.53 | Peak | 1 | 100 | VERTICAL |
| 3 | 5467.97 | 58.00 | 74.00 | -16.00 | 54.33 | 4.55 | 33.65 | 34.53 | Peak | 1 | 100 | VERTICAL |
| 4 | 5467.97 | 44.56 | 54.00 | -9.44 | 40.89 | 4.55 | 33.65 | 34.53 | Average | 1 | 100 | VERTICAL |
| 5 | 5498.26 | 103.09 | | | 99.35 | 4.57 | 33.70 | 34.53 | Average | 1 | 100 | VERTICAL |
| 6 | 5498.84 | 113.63 | | | 109.89 | 4.57 | 33.70 | 34.53 | Peak | 1 | 100 | VERTICAL |

Item 5, 6 are the fundamental frequency at 5500 MHz.

**Channel 140**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 5698.72 | 105.90 | | | 97.79 | 6.81 | 34.68 | 33.38 | 334 | 100 | Average | VERTICAL |
| 2 | 5698.72 | 115.70 | | | 107.59 | 6.81 | 34.68 | 33.38 | 334 | 100 | Peak | VERTICAL |
| 3 | 5725.96 | 67.68 | 68.20 | -0.52 | 59.53 | 6.83 | 34.69 | 33.37 | 334 | 100 | Peak | VERTICAL |

Item 1, 2 are the fundamental frequency at 5700 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 149, 157, 165 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 06, 2014 | Test Mode | Mode 1 (Ant. 1 Dipole antenna / 1dBi) |

**Channel 149**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5663.77 | 67.01 | 68.20 | -1.19 | 62.73 | 4.67 | 34.17 | 34.56 | Peak | 1 | 105 | VERTICAL |
| 2 | 5725.00 | 78.08 | 78.20 | -0.12 | 73.57 | 4.72 | 34.37 | 34.58 | Peak | 1 | 105 | VERTICAL |
| 3 | 5743.55 | 105.47 | | | 100.90 | 4.73 | 34.42 | 34.58 | Average | 1 | 105 | VERTICAL |
| 4 | 5743.84 | 116.09 | | | 111.52 | 4.73 | 34.42 | 34.58 | Peak | 1 | 105 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5745 MHz.

**Channel 157**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5703.42 | 68.11 | 68.20 | -0.09 | 63.65 | 4.71 | 34.32 | 34.57 | Peak | 358 | 100 | VERTICAL |
| 2 | 5722.40 | 58.82 | 78.20 | -19.38 | 54.31 | 4.72 | 34.37 | 34.58 | Peak | 358 | 100 | VERTICAL |
| 3 | 5783.26 | 105.77 | | | 101.08 | 4.75 | 34.53 | 34.59 | Average | 358 | 100 | VERTICAL |
| 4 | 5783.55 | 116.19 | | | 111.50 | 4.75 | 34.53 | 34.59 | Peak | 358 | 100 | VERTICAL |
| 5 | 5852.89 | 58.68 | 78.20 | -19.52 | 53.75 | 4.80 | 34.73 | 34.60 | Peak | 358 | 100 | VERTICAL |
| 6 | 5863.76 | 68.12 | 68.20 | -0.08 | 63.12 | 4.81 | 34.79 | 34.60 | Peak | 358 | 100 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5785 MHz.

**Channel 165**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5823.84 | 115.80 | | | 110.93 | 4.79 | 34.68 | 34.60 | Peak | 4 | 100 | VERTICAL |
| 2 | 5823.84 | 105.35 | | | 100.48 | 4.79 | 34.68 | 34.60 | Average | 4 | 100 | VERTICAL |
| 3 | 5850.00 | 66.82 | 78.20 | -11.38 | 61.89 | 4.80 | 34.73 | 34.60 | Peak | 4 | 100 | VERTICAL |
| 4 | 5903.70 | 68.18 | 68.20 | -0.02 | 63.07 | 4.83 | 34.89 | 34.61 | Peak | 4 | 100 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5825 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 36, 40, 48 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 06, 2014 | Test Mode | Mode 1 (Ant. 1 Dipole antenna / 1dBi) |

**Channel 36**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5106.87 | 65.20 | 74.00 | -8.80 | 62.32 | 4.32 | 33.09 | 34.53 | Peak | 349 | 100 | VERTICAL |
| 2 | 5106.87 | 53.81 | 54.00 | -0.19 | 50.93 | 4.32 | 33.09 | 34.53 | Average | 349 | 100 | VERTICAL |
| 3 | 5181.74 | 103.40 | | | 100.38 | 4.36 | 33.19 | 34.53 | Average | 349 | 100 | VERTICAL |
| 4 | 5182.03 | 113.23 | | | 110.21 | 4.36 | 33.19 | 34.53 | Peak | 349 | 100 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5180 MHz.

**Channel 40**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5119.32 | 63.93 | 74.00 | -10.07 | 61.05 | 4.32 | 33.09 | 34.53 | Peak | 16 | 100 | VERTICAL |
| 2 | 5125.11 | 53.81 | 54.00 | -0.19 | 50.90 | 4.33 | 33.11 | 34.53 | Average | 16 | 100 | VERTICAL |
| 3 | 5194.79 | 112.77 | | | 109.71 | 4.37 | 33.22 | 34.53 | Peak | 16 | 100 | VERTICAL |
| 4 | 5195.08 | 103.47 | | | 100.41 | 4.37 | 33.22 | 34.53 | Average | 16 | 100 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5200 MHz.

**Channel 48**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5124.82 | 46.13 | 54.00 | -7.87 | 43.22 | 4.33 | 33.11 | 34.53 | Average | 22 | 100 | VERTICAL |
| 2 | 5125.25 | 58.14 | 74.00 | -15.86 | 55.23 | 4.33 | 33.11 | 34.53 | Peak | 22 | 100 | VERTICAL |
| 3 | 5235.22 | 116.85 | | | 113.72 | 4.39 | 33.27 | 34.53 | Peak | 22 | 100 | VERTICAL |
| 4 | 5235.22 | 107.66 | | | 104.53 | 4.39 | 33.27 | 34.53 | Average | 22 | 100 | VERTICAL |
| 5 | 5355.64 | 45.78 | 54.00 | -8.22 | 42.38 | 4.47 | 33.46 | 34.53 | Average | 22 | 100 | VERTICAL |
| 6 | 5370.41 | 58.43 | 74.00 | -15.57 | 54.99 | 4.48 | 33.49 | 34.53 | Peak | 22 | 100 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5240 MHz.

| Temperature | 24.5℃ | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 06, 2014 | Test Mode | Mode 1 (Ant. 1 Dipole antenna / 1dBi) |

**Channel 52**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5144.79 | 57.93 | 74.00 | -16.07 | 54.98 | 4.34 | 33.14 | 34.53 | Peak | 28 | 100 | VERTICAL |
| 2 | 5144.79 | 45.64 | 54.00 | -8.36 | 42.69 | 4.34 | 33.14 | 34.53 | Average | 28 | 100 | VERTICAL |
| 3 | 5260.43 | 107.98 | | | 104.76 | 4.42 | 33.33 | 34.53 | Average | 28 | 100 | VERTICAL |
| 4 | 5265.64 | 117.79 | | | 114.57 | 4.42 | 33.33 | 34.53 | Peak | 28 | 100 | VERTICAL |
| 5 | 5373.01 | 57.81 | 74.00 | -16.19 | 54.37 | 4.48 | 33.49 | 34.53 | Peak | 28 | 100 | VERTICAL |
| 6 | 5375.18 | 46.39 | 54.00 | -7.61 | 42.95 | 4.48 | 33.49 | 34.53 | Average | 28 | 100 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5260 MHz.

**Channel 60**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5301.45 | 104.62 | | | 101.33 | 4.44 | 33.38 | 34.53 | Average | 339 | 135 | VERTICAL |
| 2 | 5306.37 | 114.44 | | | 111.15 | 4.44 | 33.38 | 34.53 | Peak | 339 | 135 | VERTICAL |
| 3 | 5376.63 | 64.10 | 74.00 | -9.90 | 60.66 | 4.48 | 33.49 | 34.53 | Peak | 339 | 135 | VERTICAL |
| 4 | 5381.26 | 53.86 | 54.00 | -0.14 | 50.39 | 4.49 | 33.51 | 34.53 | Average | 339 | 135 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5300 MHz.

**Channel 64**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5321.16 | 113.38 | | | 110.05 | 4.45 | 33.41 | 34.53 | Peak | 348 | 111 | VERTICAL |
| 2 | 5321.45 | 103.43 | | | 100.10 | 4.45 | 33.41 | 34.53 | Average | 348 | 111 | VERTICAL |
| 3 | 5396.60 | 64.59 | 74.00 | -9.41 | 61.08 | 4.50 | 33.54 | 34.53 | Peak | 348 | 111 | VERTICAL |
| 4 | 5396.60 | 53.94 | 54.00 | -0.06 | 50.43 | 4.50 | 33.54 | 34.53 | Average | 348 | 111 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5320 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 06, 2014 / Nov. 25, 2014 | Test Mode | Mode 1 (Ant. 1 Dipole antenna / 1dBi) |

**Channel 100**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5421.79 | 53.88 | 54.00 | -0.12 | 50.32 | 4.52 | 33.57 | 34.53 | Average | 353 | 106 | VERTICAL |
| 2 | 5422.08 | 65.14 | 74.00 | -8.86 | 61.58 | 4.52 | 33.57 | 34.53 | Peak | 353 | 106 | VERTICAL |
| 3 | 5467.11 | 45.59 | 54.00 | -8.41 | 41.92 | 4.55 | 33.65 | 34.53 | Average | 353 | 106 | VERTICAL |
| 4 | 5467.40 | 58.98 | 74.00 | -15.02 | 55.31 | 4.55 | 33.65 | 34.53 | Peak | 353 | 106 | VERTICAL |
| 5 | 5501.74 | 113.67 | | | 109.93 | 4.57 | 33.70 | 34.53 | Peak | 353 | 106 | VERTICAL |
| 6 | 5506.95 | 102.55 | | | 98.81 | 4.57 | 33.70 | 34.53 | Average | 353 | 106 | VERTICAL |

Item 5, 6 are the fundamental frequency at 5500 MHz.

**Channel 140**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 5701.60 | 102.58 | | | 94.47 | 6.81 | 34.68 | 33.38 | 6 | 100 | Average | VERTICAL |
| 2 | 5701.60 | 113.42 | | | 105.31 | 6.81 | 34.68 | 33.38 | 6 | 100 | Peak | VERTICAL |
| 3 | 5725.00 | 67.99 | 68.20 | -0.21 | 59.84 | 6.83 | 34.69 | 33.37 | 6 | 100 | Peak | VERTICAL |

Item 1, 2 are the fundamental frequency at 5700 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 149, 157, 165 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 07, 2014 | Test Mode | Mode 1 (Ant. 1 Dipole antenna / 1dBi) |

**Channel 149**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5662.32 | 67.29 | 68.20 | -0.91 | 63.01 | 4.67 | 34.17 | 34.56 | Peak | 349 | 100 | VERTICAL |
| 2 | 5723.26 | 77.81 | 78.20 | -0.39 | 73.30 | 4.72 | 34.37 | 34.58 | Peak | 349 | 100 | VERTICAL |
| 3 | 5747.03 | 104.18 | | | 99.61 | 4.73 | 34.42 | 34.58 | Average | 349 | 100 | VERTICAL |
| 4 | 5747.32 | 115.54 | | | 110.97 | 4.73 | 34.42 | 34.58 | Peak | 349 | 100 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5745 MHz.

**Channel 157**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5702.26 | 68.08 | 68.20 | -0.12 | 63.62 | 4.71 | 34.32 | 34.57 | Peak | 350 | 105 | VERTICAL |
| 2 | 5722.40 | 58.86 | 78.20 | -19.34 | 54.35 | 4.72 | 34.37 | 34.58 | Peak | 350 | 105 | VERTICAL |
| 3 | 5787.03 | 116.21 | | | 111.46 | 4.76 | 34.58 | 34.59 | Peak | 350 | 105 | VERTICAL |
| 4 | 5787.03 | 104.70 | | | 99.95 | 4.76 | 34.58 | 34.59 | Average | 350 | 105 | VERTICAL |
| 5 | 5851.16 | 58.44 | 78.20 | -19.76 | 53.51 | 4.80 | 34.73 | 34.60 | Peak | 350 | 105 | VERTICAL |
| 6 | 5871.87 | 66.67 | 68.20 | -1.53 | 61.61 | 4.82 | 34.84 | 34.60 | Peak | 350 | 105 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5785 MHz.

**Channel 165**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5827.32 | 105.34 | | | 100.47 | 4.79 | 34.68 | 34.60 | Average | 356 | 100 | VERTICAL |
| 2 | 5827.60 | 116.54 | | | 111.67 | 4.79 | 34.68 | 34.60 | Peak | 356 | 100 | VERTICAL |
| 3 | 5850.00 | 73.53 | 78.20 | -4.67 | 68.60 | 4.80 | 34.73 | 34.60 | Peak | 356 | 100 | VERTICAL |
| 4 | 5903.13 | 67.92 | 68.20 | -0.28 | 62.81 | 4.83 | 34.89 | 34.61 | Peak | 356 | 100 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5825 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 36, 40, 48 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 07, 2014 | Test Mode | Mode 1 (Ant. 1 Dipole antenna / 1dBi) |

**Channel 36**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5102.24 | 53.84 | 54.00 | -0.16 | 51.00 | 4.31 | 33.06 | 34.53 | Average | 353 | 100 | VERTICAL |
| 2 | 5106.87 | 64.89 | 74.00 | -9.11 | 62.01 | 4.32 | 33.09 | 34.53 | Peak | 353 | 100 | VERTICAL |
| 3 | 5177.11 | 113.34 | | | 110.32 | 4.36 | 33.19 | 34.53 | Peak | 353 | 100 | VERTICAL |
| 4 | 5182.03 | 103.26 | | | 100.24 | 4.36 | 33.19 | 34.53 | Average | 353 | 100 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5180 MHz.

**Channel 40**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5126.56 | 53.90 | 54.00 | -0.10 | 50.99 | 4.33 | 33.11 | 34.53 | Average | 351 | 220 | VERTICAL |
| 2 | 5126.85 | 65.02 | 74.00 | -8.98 | 62.11 | 4.33 | 33.11 | 34.53 | Peak | 351 | 220 | VERTICAL |
| 3 | 5202.03 | 113.10 | | | 110.04 | 4.37 | 33.22 | 34.53 | Peak | 351 | 220 | VERTICAL |
| 4 | 5202.03 | 103.38 | | | 100.32 | 4.37 | 33.22 | 34.53 | Average | 351 | 220 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5200 MHz.

**Channel 48**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5122.21 | 46.69 | 54.00 | -7.31 | 43.81 | 4.32 | 33.09 | 34.53 | Average | 350 | 125 | VERTICAL |
| 2 | 5125.25 | 59.28 | 74.00 | -14.72 | 56.37 | 4.33 | 33.11 | 34.53 | Peak | 350 | 125 | VERTICAL |
| 3 | 5242.17 | 106.73 | | | 103.56 | 4.40 | 33.30 | 34.53 | Average | 350 | 125 | VERTICAL |
| 4 | 5246.51 | 117.58 | | | 114.41 | 4.40 | 33.30 | 34.53 | Peak | 350 | 125 | VERTICAL |
| 5 | 5362.16 | 46.60 | 54.00 | -7.40 | 43.16 | 4.48 | 33.49 | 34.53 | Average | 350 | 125 | VERTICAL |
| 6 | 5362.59 | 59.11 | 74.00 | -14.89 | 55.67 | 4.48 | 33.49 | 34.53 | Peak | 350 | 125 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5240 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 07, 2014 / Nov. 25, 2014 | Test Mode | Mode 1 (Ant. 1 Dipole antenna / 1dBi) |

**Channel 52**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5133.07 | 59.59 | 74.00 | -14.41 | 56.68 | 4.33 | 33.11 | 34.53 | Peak | 348 | 100 | VERTICAL |
| 2 | 5146.53 | 46.61 | 54.00 | -7.39 | 43.66 | 4.34 | 33.14 | 34.53 | Average | 348 | 100 | VERTICAL |
| 3 | 5266.51 | 118.31 | | | 115.09 | 4.42 | 33.33 | 34.53 | Peak | 348 | 100 | VERTICAL |
| 4 | 5266.51 | 106.94 | | | 103.72 | 4.42 | 33.33 | 34.53 | Average | 348 | 100 | VERTICAL |
| 5 | 5373.88 | 46.56 | 54.00 | -7.44 | 43.12 | 4.48 | 33.49 | 34.53 | Average | 348 | 100 | VERTICAL |
| 6 | 5383.86 | 59.22 | 74.00 | -14.78 | 55.75 | 4.49 | 33.51 | 34.53 | Peak | 348 | 100 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5260 MHz.

**Channel 60**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 5293.59 | 102.82 | | | 95.66 | 6.37 | 34.32 | 33.53 | 353 | 101 | Average | VERTICAL |
| 2 | 5293.59 | 115.57 | | | 108.41 | 6.37 | 34.32 | 33.53 | 353 | 101 | Peak | VERTICAL |
| 3 | 5373.40 | 53.54 | 54.00 | -0.46 | 46.13 | 6.50 | 34.41 | 33.50 | 353 | 101 | Average | VERTICAL |
| 4 | 5383.01 | 65.46 | 74.00 | -8.54 | 58.01 | 6.50 | 34.44 | 33.49 | 353 | 101 | Peak | VERTICAL |

Item 1, 2 are the fundamental frequency at 5300 MHz.

**Channel 64**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 5313.27 | 102.14 | | | 94.92 | 6.40 | 34.34 | 33.52 | 35 | 123 | Average | VERTICAL |
| 2 | 5322.56 | 114.89 | | | 107.64 | 6.43 | 34.34 | 33.52 | 35 | 123 | Peak | VERTICAL |
| 3 | 5350.64 | 67.25 | 74.00 | -6.75 | 59.90 | 6.47 | 34.39 | 33.51 | 35 | 123 | Peak | VERTICAL |
| 4 | 5393.27 | 53.68 | 54.00 | -0.32 | 46.23 | 6.50 | 34.44 | 33.49 | 35 | 123 | Average | VERTICAL |

Item 1, 2 are the fundamental frequency at 5320 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 100, 140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 25, 2014 | Test Mode | Mode 1 (Ant. 1 Dipole antenna / 1dBi) |

**Channel 100**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 5426.41 | 53.78 | 54.00 | -0.22 | 46.22 | 6.56 | 34.48 | 33.48 | 54 | 123 | Average | VERTICAL |
| 2 | 5426.67 | 64.74 | 74.00 | -9.26 | 57.18 | 6.56 | 34.48 | 33.48 | 54 | 123 | Peak | VERTICAL |
| 3 | 5470.00 | 50.95 | 54.00 | -3.05 | 43.26 | 6.60 | 34.55 | 33.46 | 54 | 123 | Average | VERTICAL |
| 4 | 5470.00 | 66.97 | 74.00 | -7.03 | 59.28 | 6.60 | 34.55 | 33.46 | 54 | 123 | Peak | VERTICAL |
| 5 | 5499.36 | 114.56 | | | 106.78 | 6.63 | 34.60 | 33.45 | 54 | 123 | Peak | VERTICAL |
| 6 | 5502.24 | 102.12 | | | 94.32 | 6.65 | 34.60 | 33.45 | 54 | 123 | Average | VERTICAL |

Item 5, 6 are the fundamental frequency at 5500 MHz.

**Channel 140**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 5696.80 | 113.07 | | | 104.96 | 6.81 | 34.68 | 33.38 | 9 | 123 | Peak | VERTICAL |
| 2 | 5702.24 | 100.85 | | | 92.74 | 6.81 | 34.68 | 33.38 | 9 | 123 | Average | VERTICAL |
| 3 | 5725.00 | 67.23 | 74.00 | -6.77 | 59.08 | 6.83 | 34.69 | 33.37 | 9 | 123 | Peak | VERTICAL |
| 4 | 5782.37 | 53.66 | 54.00 | -0.34 | 45.40 | 6.90 | 34.71 | 33.35 | 9 | 123 | Average | VERTICAL |

Item 1, 2 are the fundamental frequency at 5700 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 149, 157, 165 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 07, 2014 | Test Mode | Mode 1 (Ant. 1 Dipole antenna / 1dBi) |

**Channel 149**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5662.61 | 67.26 | 68.20 | -0.94 | 62.98 | 4.67 | 34.17 | 34.56 | Peak | 350 | 114 | VERTICAL |
| 2 | 5725.00 | 78.11 | 78.20 | -0.09 | 73.60 | 4.72 | 34.37 | 34.58 | Peak | 350 | 114 | VERTICAL |
| 3 | 5746.74 | 115.66 | | | 111.09 | 4.73 | 34.42 | 34.58 | Peak | 350 | 114 | VERTICAL |
| 4 | 5747.03 | 105.21 | | | 100.64 | 4.73 | 34.42 | 34.58 | Average | 350 | 114 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5745 MHz.

**Channel 157**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5706.32 | 68.08 | 68.20 | -0.12 | 63.63 | 4.71 | 34.32 | 34.58 | Peak | 352 | 124 | VERTICAL |
| 2 | 5720.66 | 59.63 | 78.20 | -18.57 | 55.12 | 4.72 | 34.37 | 34.58 | Peak | 352 | 124 | VERTICAL |
| 3 | 5786.16 | 116.89 | | | 112.14 | 4.76 | 34.58 | 34.59 | Peak | 352 | 124 | VERTICAL |
| 4 | 5787.03 | 104.88 | | | 100.13 | 4.76 | 34.58 | 34.59 | Average | 352 | 124 | VERTICAL |
| 5 | 5856.95 | 66.65 | 78.20 | -11.55 | 61.65 | 4.81 | 34.79 | 34.60 | Peak | 352 | 124 | VERTICAL |
| 6 | 5862.89 | 67.08 | 68.20 | -1.12 | 62.08 | 4.81 | 34.79 | 34.60 | Peak | 352 | 124 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5785 MHz.

**Channel 165**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5826.45 | 118.24 | | | 113.37 | 4.79 | 34.68 | 34.60 | Peak | 351 | 100 | VERTICAL |
| 2 | 5827.03 | 106.13 | | | 101.26 | 4.79 | 34.68 | 34.60 | Average | 351 | 100 | VERTICAL |
| 3 | 5850.00 | 75.40 | 78.20 | -2.80 | 70.47 | 4.80 | 34.73 | 34.60 | Peak | 351 | 100 | VERTICAL |
| 4 | 5903.13 | 68.11 | 68.20 | -0.09 | 63.00 | 4.83 | 34.89 | 34.61 | Peak | 351 | 100 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5825 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 38, 46 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 07, 2014 / Nov. 25, 2014 | Test Mode | Mode 1 (Ant. 1 Dipole antenna / 1dBi) |

**Channel 38**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 5148.08 | 53.55 | 54.00 | -0.45 | 46.81 | 6.21 | 34.11 | 33.58 | 35 | 100 | Average | VERTICAL |
| 2 | 5148.08 | 67.47 | 74.00 | -6.53 | 60.73 | 6.21 | 34.11 | 33.58 | 35 | 100 | Peak | VERTICAL |
| 3 | 5188.08 | 106.67 | | | 99.84 | 6.24 | 34.16 | 33.57 | 35 | 100 | Peak | VERTICAL |
| 4 | 5188.56 | 97.75 | | | 90.92 | 6.24 | 34.16 | 33.57 | 35 | 100 | Average | VERTICAL |

Item 3, 4 are the fundamental frequency at 5190 MHz.

**Channel 46**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5144.79 | 63.74 | 74.00 | -10.26 | 60.79 | 4.34 | 33.14 | 34.53 | Peak | 22 | 100 | VERTICAL |
| 2 | 5144.79 | 53.77 | 54.00 | -0.23 | 50.82 | 4.34 | 33.14 | 34.53 | Average | 22 | 100 | VERTICAL |
| 3 | 5235.21 | 112.22 | | | 109.09 | 4.39 | 33.27 | 34.53 | Peak | 22 | 100 | VERTICAL |
| 4 | 5235.21 | 103.31 | | | 100.18 | 4.39 | 33.27 | 34.53 | Average | 22 | 100 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5230 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 07, 2014 / Nov. 25, 2014 | Test Mode | Mode 1 (Ant. 1 Dipole antenna / 1dBi) |

**Channel 54**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5265.22 | 113.87 | | | 110.65 | 4.42 | 33.33 | 34.53 | Peak | 25 | 100 | VERTICAL |
| 2 | 5265.66 | 104.41 | | | 101.19 | 4.42 | 33.33 | 34.53 | Average | 25 | 100 | VERTICAL |
| 3 | 5355.21 | 53.85 | 54.00 | -0.15 | 50.45 | 4.47 | 33.46 | 34.53 | Average | 25 | 100 | VERTICAL |
| 4 | 5355.64 | 64.39 | 74.00 | -9.61 | 60.99 | 4.47 | 33.46 | 34.53 | Peak | 25 | 100 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5270 MHz.

**Channel 62**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 5313.37 | 100.54 | | | 93.32 | 6.40 | 34.34 | 33.52 | 35 | 100 | Average | VERTICAL |
| 2 | 5313.37 | 109.25 | | | 102.03 | 6.40 | 34.34 | 33.52 | 35 | 100 | Peak | VERTICAL |
| 3 | 5350.00 | 53.78 | 54.00 | -0.22 | 46.43 | 6.47 | 34.39 | 33.51 | 35 | 100 | Average | VERTICAL |
| 4 | 5353.85 | 68.08 | 74.00 | -5.92 | 60.72 | 6.47 | 34.39 | 33.50 | 35 | 100 | Peak | VERTICAL |

Item 1, 2 are the fundamental frequency at 5310 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 07, 2014 / Nov. 25, 2014 | Test Mode | Mode 1 (Ant. 1 Dipole antenna / 1dBi) |

**Channel 102**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5416.58 | 61.64 | 74.00 | -12.36 | 58.08 | 4.52 | 33.57 | 34.53 | Peak | 346 | 100 | VERTICAL |
| 2 | 5416.58 | 50.86 | 54.00 | -3.14 | 47.30 | 4.52 | 33.57 | 34.53 | Average | 346 | 100 | VERTICAL |
| 3 | 5466.53 | 53.94 | 54.00 | -0.06 | 50.27 | 4.55 | 33.65 | 34.53 | Average | 346 | 100 | VERTICAL |
| 4 | 5467.40 | 70.24 | 74.00 | -3.76 | 66.57 | 4.55 | 33.65 | 34.53 | Peak | 346 | 100 | VERTICAL |
| 5 | 5506.96 | 99.45 | | | 95.71 | 4.57 | 33.70 | 34.53 | Average | 346 | 100 | VERTICAL |
| 6 | 5516.95 | 109.49 | | | 105.69 | 4.58 | 33.75 | 34.53 | Peak | 346 | 100 | VERTICAL |

Item 5, 6 are the fundamental frequency at 5510 MHz.

**Channel 110**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 5454.87 | 61.51 | 74.00 | -12.49 | 53.85 | 6.60 | 34.53 | 33.47 | 338 | 100 | Peak | VERTICAL |
| 2 | 5460.00 | 51.67 | 54.00 | -2.33 | 44.01 | 6.60 | 34.53 | 33.47 | 338 | 100 | Average | VERTICAL |
| 3 | 5465.51 | 53.52 | 54.00 | -0.48 | 45.83 | 6.60 | 34.55 | 33.46 | 338 | 100 | Average | VERTICAL |
| 4 | 5465.51 | 61.83 | 74.00 | -12.17 | 54.14 | 6.60 | 34.55 | 33.46 | 338 | 100 | Peak | VERTICAL |
| 5 | 5555.77 | 112.04 | | | 104.15 | 6.70 | 34.62 | 33.43 | 338 | 100 | Peak | VERTICAL |
| 6 | 5560.26 | 103.45 | | | 95.56 | 6.70 | 34.62 | 33.43 | 338 | 100 | Average | VERTICAL |
| 7 | 5725.00 | 47.13 | 54.00 | -6.87 | 38.98 | 6.83 | 34.69 | 33.37 | 338 | 100 | Average | VERTICAL |
| 8 | 5736.54 | 59.20 | 74.00 | -14.80 | 51.01 | 6.86 | 34.70 | 33.37 | 338 | 100 | Peak | VERTICAL |

Item 5, 6 are the fundamental frequency at 5550 MHz.

**Channel 134**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 5666.64 | 103.05 | | | 94.98 | 6.79 | 34.67 | 33.39 | 319 | 100 | Average | VERTICAL |
| 2 | 5667.12 | 112.47 | | | 104.40 | 6.79 | 34.67 | 33.39 | 319 | 100 | Peak | VERTICAL |
| 3 | 5727.40 | 67.49 | 68.20 | -0.71 | 59.34 | 6.83 | 34.69 | 33.37 | 319 | 100 | Peak | VERTICAL |

Item 1, 2 are the fundamental frequency at 5670 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 151, 159 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 07, 2014 | Test Mode | Mode 1 (Ant. 1 Dipole antenna / 1dBi) |

**Channel 151**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5711.82 | 68.01 | 68.20 | -0.19 | 63.56 | 4.71 | 34.32 | 34.58 | Peak | 350 | 100 | VERTICAL |
| 2 | 5722.40 | 73.86 | 78.20 | -4.34 | 69.35 | 4.72 | 34.37 | 34.58 | Peak | 350 | 100 | VERTICAL |
| 3 | 5751.82 | 98.84 | | | 94.20 | 4.74 | 34.48 | 34.58 | Average | 350 | 100 | VERTICAL |
| 4 | 5752.40 | 108.95 | | | 104.31 | 4.74 | 34.48 | 34.58 | Peak | 350 | 100 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5755 MHz.

**Channel 159**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 5712.11 | 67.58 | 68.20 | -0.62 | 63.13 | 4.71 | 34.32 | 34.58 | 353 | 100 | Peak | VERTICAL |
| 2 | 5722.11 | 68.41 | 78.20 | -9.79 | 63.90 | 4.72 | 34.37 | 34.58 | 353 | 100 | Peak | VERTICAL |
| 3 | 5797.03 | 115.12 | | | 110.37 | 4.76 | 34.58 | 34.59 | 353 | 100 | Peak | VERTICAL |
| 4 | 5797.32 | 104.94 | | | 100.19 | 4.76 | 34.58 | 34.59 | 353 | 100 | Average | VERTICAL |
| 5 | 5852.03 | 71.82 | 78.20 | -6.38 | 66.89 | 4.80 | 34.73 | 34.60 | 353 | 100 | Peak | VERTICAL |
| 6 | 5861.74 | 67.93 | 68.20 | -0.27 | 62.93 | 4.81 | 34.79 | 34.60 | 353 | 100 | Peak | VERTICAL |

Item 3, 4 are the fundamental frequency at 5795 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 38, 46 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 07, 2014 | Test Mode | Mode 1 (Ant. 1 Dipole antenna / 1dBi) |

**Channel 38**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5146.09 | 72.18 | 74.00 | -1.82 | 69.23 | 4.34 | 33.14 | 34.53 | Peak | 350 | 114 | VERTICAL |
| 2 | 5150.00 | 53.90 | 54.00 | -0.10 | 50.95 | 4.34 | 33.14 | 34.53 | Average | 350 | 114 | VERTICAL |
| 3 | 5186.53 | 95.04 | | | 92.02 | 4.36 | 33.19 | 34.53 | Average | 350 | 114 | VERTICAL |
| 4 | 5186.96 | 110.03 | | | 107.01 | 4.36 | 33.19 | 34.53 | Peak | 350 | 114 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5190 MHz.

**Channel 46**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5145.66 | 67.02 | 74.00 | -6.98 | 64.07 | 4.34 | 33.14 | 34.53 | Peak | 338 | 118 | VERTICAL |
| 2 | 5146.09 | 53.93 | 54.00 | -0.07 | 50.98 | 4.34 | 33.14 | 34.53 | Average | 338 | 118 | VERTICAL |
| 3 | 5226.53 | 115.26 | | | 112.13 | 4.39 | 33.27 | 34.53 | Peak | 338 | 118 | VERTICAL |
| 4 | 5226.53 | 100.31 | | | 97.18 | 4.39 | 33.27 | 34.53 | Average | 338 | 118 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5230 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 54, 62 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 07, 2014 / Nov. 25, 2014 | Test Mode | Mode 1 (Ant. 1 Dipole antenna / 1dBi) |

**Channel 54**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5135.24 | 58.91 | 74.00 | -15.09 | 56.00 | 4.33 | 33.11 | 34.53 | Peak | 342 | 105 | VERTICAL |
| 2 | 5150.00 | 45.89 | 54.00 | -8.11 | 42.94 | 4.34 | 33.14 | 34.53 | Average | 342 | 105 | VERTICAL |
| 3 | 5266.53 | 115.49 | | | 112.27 | 4.42 | 33.33 | 34.53 | Peak | 342 | 105 | VERTICAL |
| 4 | 5266.53 | 103.63 | | | 100.41 | 4.42 | 33.33 | 34.53 | Average | 342 | 105 | VERTICAL |
| 5 | 5355.64 | 65.86 | 74.00 | -8.14 | 62.46 | 4.47 | 33.46 | 34.53 | Peak | 342 | 105 | VERTICAL |
| 6 | 5366.93 | 52.62 | 54.00 | -1.38 | 49.18 | 4.48 | 33.49 | 34.53 | Average | 342 | 105 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5270 MHz.

**Channel 62**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 5306.47 | 96.66 | | | 89.46 | 6.40 | 34.32 | 33.52 | 44 | 100 | Average | VERTICAL |
| 2 | 5316.73 | 109.00 | | | 101.78 | 6.40 | 34.34 | 33.52 | 44 | 100 | Peak | VERTICAL |
| 3 | 5350.96 | 53.87 | 54.00 | -0.13 | 46.52 | 6.47 | 34.39 | 33.51 | 44 | 100 | Average | VERTICAL |
| 4 | 5350.96 | 70.25 | 74.00 | -3.75 | 62.90 | 6.47 | 34.39 | 33.51 | 44 | 100 | Peak | VERTICAL |

Item 1, 2 are the fundamental frequency at 5310 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 102, 110, 134 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 07, 2014 / Nov. 25, 2014 | Test Mode | Mode 1 (Ant. 1 Dipole antenna / 1dBi) |

**Channel 102**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5426.14 | 49.36 | 54.00 | -4.64 | 45.80 | 4.52 | 33.57 | 34.53 | Average | 335 | 100 | VERTICAL |
| 2 | 5459.13 | 62.36 | 74.00 | -11.64 | 58.73 | 4.54 | 33.62 | 34.53 | Peak | 335 | 100 | VERTICAL |
| 3 | 5466.09 | 70.52 | 74.00 | -3.48 | 66.85 | 4.55 | 33.65 | 34.53 | Peak | 335 | 100 | VERTICAL |
| 4 | 5470.00 | 53.89 | 54.00 | -0.11 | 50.22 | 4.55 | 33.65 | 34.53 | Average | 335 | 100 | VERTICAL |
| 5 | 5505.66 | 109.75 | | | 106.01 | 4.57 | 33.70 | 34.53 | Peak | 335 | 100 | VERTICAL |
| 6 | 5506.53 | 97.58 | | | 93.84 | 4.57 | 33.70 | 34.53 | Average | 335 | 100 | VERTICAL |

Item 5, 6 are the fundamental frequency at 5510 MHz.

**Channel 110**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5456.53 | 65.05 | 74.00 | -8.95 | 61.42 | 4.54 | 33.62 | 34.53 | Peak | 338 | 132 | VERTICAL |
| 2 | 5457.11 | 51.55 | 54.00 | -2.45 | 47.92 | 4.54 | 33.62 | 34.53 | Average | 338 | 132 | VERTICAL |
| 3 | 5466.53 | 53.74 | 54.00 | -0.26 | 50.07 | 4.55 | 33.65 | 34.53 | Average | 338 | 132 | VERTICAL |
| 4 | 5467.11 | 65.48 | 74.00 | -8.52 | 61.81 | 4.55 | 33.65 | 34.53 | Peak | 338 | 132 | VERTICAL |
| 5 | 5546.53 | 114.59 | | | 110.74 | 4.59 | 33.80 | 34.54 | Peak | 338 | 132 | VERTICAL |
| 6 | 5546.53 | 102.54 | | | 98.69 | 4.59 | 33.80 | 34.54 | Average | 338 | 132 | VERTICAL |
| 7 | 5725.00 | 47.05 | 54.00 | -6.95 | 42.54 | 4.72 | 34.37 | 34.58 | Average | 338 | 132 | VERTICAL |
| 8 | 5734.84 | 60.44 | 74.00 | -13.56 | 55.87 | 4.73 | 34.42 | 34.58 | Peak | 338 | 132 | VERTICAL |

Item 5, 6 are the fundamental frequency at 5550 MHz.

**Channel 134**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 5666.64 | 102.05 | | | 93.98 | 6.79 | 34.67 | 33.39 | 315 | 100 | Average | VERTICAL |
| 2 | 5666.64 | 112.11 | | | 104.04 | 6.79 | 34.67 | 33.39 | 315 | 100 | Peak | VERTICAL |
| 3 | 5725.96 | 73.48 | 74.00 | -0.52 | 65.33 | 6.83 | 34.69 | 33.37 | 315 | 100 | Peak | VERTICAL |
| 4 | 5736.54 | 52.07 | 54.00 | -1.93 | 43.88 | 6.86 | 34.70 | 33.37 | 315 | 100 | Average | VERTICAL |

Item 1, 2 are the fundamental frequency at 5670 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 151, 159 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 07, 2014 | Test Mode | Mode 1 (Ant. 1 Dipole antenna / 1dBi) |

**Channel 151**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5710.37 | 67.92 | 68.20 | -0.28 | 63.47 | 4.71 | 34.32 | 34.58 | Peak | 342 | 104 | VERTICAL |
| 2 | 5722.40 | 75.99 | 78.20 | -2.21 | 71.48 | 4.72 | 34.37 | 34.58 | Peak | 342 | 104 | VERTICAL |
| 3 | 5751.53 | 109.59 | | | 104.95 | 4.74 | 34.48 | 34.58 | Peak | 342 | 104 | VERTICAL |
| 4 | 5751.53 | 97.72 | | | 93.08 | 4.74 | 34.48 | 34.58 | Average | 342 | 104 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5755 MHz.

**Channel 159**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5711.24 | 67.33 | 68.20 | -0.87 | 62.88 | 4.71 | 34.32 | 34.58 | Peak | 349 | 120 | VERTICAL |
| 2 | 5722.11 | 70.11 | 78.20 | -8.09 | 65.60 | 4.72 | 34.37 | 34.58 | Peak | 349 | 120 | VERTICAL |
| 3 | 5791.53 | 102.48 | | | 97.73 | 4.76 | 34.58 | 34.59 | Average | 349 | 120 | VERTICAL |
| 4 | 5792.11 | 114.29 | | | 109.54 | 4.76 | 34.58 | 34.59 | Peak | 349 | 120 | VERTICAL |
| 5 | 5850.87 | 74.78 | 78.20 | -3.42 | 69.85 | 4.80 | 34.73 | 34.60 | Peak | 349 | 120 | VERTICAL |
| 6 | 5861.74 | 67.82 | 68.20 | -0.38 | 62.82 | 4.81 | 34.79 | 34.60 | Peak | 349 | 120 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5795 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT80 CH 42, 58, 106 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 07, 2014 / Nov. 25, 2014 | Test Mode | Mode 1 (Ant. 1 Dipole antenna / 1dBi) |

**Channel 42**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 5148.72 | 53.75 | 54.00 | -0.25 | 47.01 | 6.21 | 34.11 | 33.58 | 37 | 100 | Average | VERTICAL |
| 2 | 5148.72 | 68.30 | 74.00 | -5.70 | 61.56 | 6.21 | 34.11 | 33.58 | 37 | 100 | Peak | VERTICAL |
| 3 | 5218.97 | 94.40 | | | 87.49 | 6.27 | 34.20 | 33.56 | 37 | 100 | Average | VERTICAL |
| 4 | 5222.18 | 102.57 | | | 95.62 | 6.30 | 34.20 | 33.55 | 37 | 100 | Peak | VERTICAL |
| 5 | 5350.00 | 46.14 | 54.00 | -7.86 | 38.79 | 6.47 | 34.39 | 33.51 | 37 | 100 | Average | VERTICAL |
| 6 | 5394.23 | 58.37 | 74.00 | -15.63 | 50.92 | 6.50 | 34.44 | 33.49 | 37 | 100 | Peak | VERTICAL |

Item 3, 4 are the fundamental frequency at 5210 MHz.

**Channel 58**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5147.11 | 57.16 | 74.00 | -16.84 | 54.21 | 4.34 | 33.14 | 34.53 | Peak | 27 | 100 | VERTICAL |
| 2 | 5148.84 | 44.40 | 74.00 | -29.60 | 41.45 | 4.34 | 33.14 | 34.53 | Peak | 27 | 100 | VERTICAL |
| 3 | 5300.42 | 95.15 | | | 91.86 | 4.44 | 33.38 | 34.53 | Average | 27 | 100 | VERTICAL |
| 4 | 5301.00 | 105.31 | | | 102.02 | 4.44 | 33.38 | 34.53 | Peak | 27 | 100 | VERTICAL |
| 5 | 5350.00 | 53.94 | 54.00 | -0.06 | 50.54 | 4.47 | 33.46 | 34.53 | Average | 27 | 100 | VERTICAL |
| 6 | 5350.58 | 68.67 | 74.00 | -5.33 | 65.27 | 4.47 | 33.46 | 34.53 | Peak | 27 | 100 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5290 MHz.

**Channel 106**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5456.38 | 67.73 | 74.00 | -6.27 | 64.10 | 4.54 | 33.62 | 34.53 | Peak | 352 | 100 | VERTICAL |
| 2 | 5457.11 | 53.30 | 54.00 | -0.70 | 49.67 | 4.54 | 33.62 | 34.53 | Average | 352 | 100 | VERTICAL |
| 3 | 5461.32 | 68.06 | 68.20 | -0.14 | 64.43 | 4.54 | 33.62 | 34.53 | Peak | 352 | 100 | VERTICAL |
| 4 | 5516.98 | 104.53 | | | 100.73 | 4.58 | 33.75 | 34.53 | Peak | 352 | 100 | VERTICAL |
| 5 | 5516.98 | 93.69 | | | 89.89 | 4.58 | 33.75 | 34.53 | Average | 352 | 100 | VERTICAL |
| 6 | 5745.98 | 59.22 | 68.20 | -8.98 | 54.65 | 4.73 | 34.42 | 34.58 | Peak | 352 | 100 | VERTICAL |

Item 4, 5 are the fundamental frequency at 5530 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT80 CH, 122, 138, 155 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 07, 2014 / Nov. 18, 2014 | Test Mode | Mode 1 (Ant. 1 Dipole antenna / 1dBi) |

**Channel 122**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Preamp Factor | Antenna Factor | Pol/Phase | T/Pos | A/Pos | Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB | dB/m | | deg | cm | |
| 1 | 5603.41 | 96.57 | | | 91.73 | 6.27 | 35.45 | 34.02 | VERTICAL | 240 | 100 | Average |
| 2 | 5603.41 | 104.61 | | | 99.77 | 6.27 | 35.45 | 34.02 | VERTICAL | 240 | 100 | Peak |
| 3 | 5727.40 | 48.63 | 54.00 | -5.37 | 43.44 | 6.35 | 35.34 | 34.18 | VERTICAL | 240 | 100 | Average |
| 4 | 5727.40 | 60.01 | 74.00 | -13.99 | 54.82 | 6.35 | 35.34 | 34.18 | VERTICAL | 240 | 100 | Peak |

Item 1, 2 are the fundamental frequency at 5610 MHz.

**Channel 138**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5696.95 | 113.67 | | | 109.27 | 4.70 | 34.27 | 34.57 | Peak | 345 | 105 | VERTICAL |
| 2 | 5696.95 | 102.53 | | | 98.13 | 4.70 | 34.27 | 34.57 | Average | 345 | 105 | VERTICAL |
| 3 | 5852.32 | 47.89 | 54.00 | -6.11 | 42.96 | 4.80 | 34.73 | 34.60 | Average | 345 | 105 | VERTICAL |
| 4 | 5852.89 | 59.97 | 74.00 | -14.03 | 55.04 | 4.80 | 34.73 | 34.60 | Peak | 345 | 105 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5690 MHz.

**Channel 155**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5697.63 | 68.12 | 68.20 | -0.08 | 63.72 | 4.70 | 34.27 | 34.57 | Peak | 350 | 100 | VERTICAL |
| 2 | 5722.11 | 71.14 | 78.20 | -7.06 | 66.63 | 4.72 | 34.37 | 34.58 | Peak | 350 | 100 | VERTICAL |
| 3 | 5761.98 | 104.93 | | | 100.29 | 4.74 | 34.48 | 34.58 | Peak | 350 | 100 | VERTICAL |
| 4 | 5761.98 | 94.37 | | | 89.73 | 4.74 | 34.48 | 34.58 | Average | 350 | 100 | VERTICAL |
| 5 | 5852.17 | 64.91 | 78.20 | -13.29 | 59.98 | 4.80 | 34.73 | 34.60 | Peak | 350 | 100 | VERTICAL |
| 6 | 5862.17 | 65.51 | 68.20 | -2.69 | 60.51 | 4.81 | 34.79 | 34.60 | Peak | 350 | 100 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5775 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT80 CH 42, 58, 106 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 07, 2014 / Nov. 18, 2014 | Test Mode | Mode 1 (Ant. 1 Dipole antenna / 1dBi) |

**Channel 42**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5137.26 | 71.29 | 74.00 | -2.71 | 68.38 | 4.33 | 33.11 | 34.53 | Peak | 348 | 150 | VERTICAL |
| 2 | 5147.68 | 53.98 | 54.00 | -0.02 | 51.03 | 4.34 | 33.14 | 34.53 | Average | 348 | 150 | VERTICAL |
| 3 | 5206.53 | 90.98 | | | 87.92 | 4.37 | 33.22 | 34.53 | Average | 348 | 150 | VERTICAL |
| 4 | 5207.68 | 104.99 | | | 101.89 | 4.38 | 33.25 | 34.53 | Peak | 348 | 150 | VERTICAL |
| 5 | 5358.10 | 45.20 | 54.00 | -8.80 | 41.80 | 4.47 | 33.46 | 34.53 | Average | 348 | 150 | VERTICAL |
| 6 | 5379.52 | 58.26 | 74.00 | -15.74 | 54.79 | 4.49 | 33.51 | 34.53 | Peak | 348 | 150 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5210 MHz.

**Channel 58**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5133.79 | 57.64 | 74.00 | -16.36 | 54.73 | 4.33 | 33.11 | 34.53 | Peak | 337 | 109 | VERTICAL |
| 2 | 5148.26 | 45.01 | 54.00 | -8.99 | 42.06 | 4.34 | 33.14 | 34.53 | Average | 337 | 109 | VERTICAL |
| 3 | 5286.53 | 91.92 | | | 88.67 | 4.43 | 33.35 | 34.53 | Average | 337 | 109 | VERTICAL |
| 4 | 5295.79 | 106.22 | | | 102.93 | 4.44 | 33.38 | 34.53 | Peak | 337 | 109 | VERTICAL |
| 5 | 5351.74 | 70.75 | 74.00 | -3.25 | 67.35 | 4.47 | 33.46 | 34.53 | Peak | 337 | 109 | VERTICAL |
| 6 | 5356.37 | 53.80 | 54.00 | -0.20 | 50.40 | 4.47 | 33.46 | 34.53 | Average | 337 | 109 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5290 MHz.

**Channel 106**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 5442.37 | 67.11 | 74.00 | -6.89 | 59.51 | 6.56 | 34.51 | 33.47 | 354 | 100 | Peak | VERTICAL |
| 2 | 5443.97 | 53.77 | 54.00 | -0.23 | 46.17 | 6.56 | 34.51 | 33.47 | 354 | 100 | Average | VERTICAL |
| 3 | 5463.59 | 67.02 | 74.00 | -6.98 | 59.33 | 6.60 | 34.55 | 33.46 | 354 | 100 | Peak | VERTICAL |
| 4 | 5470.00 | 53.21 | 54.00 | -0.79 | 45.52 | 6.60 | 34.55 | 33.46 | 354 | 100 | Average | VERTICAL |
| 5 | 5534.01 | 91.59 | | | 83.74 | 6.68 | 34.61 | 33.44 | 354 | 100 | Average | VERTICAL |
| 6 | 5543.62 | 102.04 | | | 94.19 | 6.68 | 34.61 | 33.44 | 354 | 100 | Peak | VERTICAL |
| 7 | 5725.00 | 48.89 | 54.00 | -5.11 | 40.74 | 6.83 | 34.69 | 33.37 | 354 | 100 | Average | VERTICAL |
| 8 | 5745.83 | 60.61 | 74.00 | -13.39 | 52.42 | 6.86 | 34.70 | 33.37 | 354 | 100 | Peak | VERTICAL |

Item 5, 6 are the fundamental frequency at 5530 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT80 CH, 122, 138, 155 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 07, 2014 / Nov. 26, 2014 | Test Mode | Mode 1 (Ant. 1 Dipole antenna / 1dBi) |

**Channel 122**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Preamp Factor | Antenna Factor | Pol/Phase | T/Pos | A/Pos | Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB | dB/m | | deg | cm | |
| 1 | 5603.11 | 105.07 | | | 100.23 | 6.27 | 35.45 | 34.02 | VERTICAL | 240 | 100 | Peak |
| 2 | 5613.60 | 91.49 | | | 86.61 | 6.28 | 35.44 | 34.04 | VERTICAL | 240 | 100 | Average |
| 3 | 5725.00 | 47.82 | 54.00 | -6.18 | 42.63 | 6.35 | 35.34 | 34.18 | VERTICAL | 240 | 100 | Average |
| 4 | 5727.70 | 59.90 | 74.00 | -14.10 | 54.71 | 6.35 | 35.34 | 34.18 | VERTICAL | 240 | 100 | Peak |

Item 1, 2 are the fundamental frequency at 5610 MHz.

**Channel 138**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | T/Pos | A/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | deg | cm | | |
| 1 | 5686.15 | 109.97 | | | 101.87 | 6.81 | 34.68 | 33.39 | 5 | 101 | Peak | VERTICAL |
| 2 | 5686.80 | 95.84 | | | 87.74 | 6.81 | 34.68 | 33.39 | 5 | 101 | Average | VERTICAL |
| 3 | 5850.64 | 49.02 | 54.00 | -4.98 | 40.66 | 6.95 | 34.74 | 33.33 | 5 | 101 | Average | VERTICAL |
| 4 | 5858.97 | 61.58 | 74.00 | -12.42 | 53.20 | 6.97 | 34.74 | 33.33 | 5 | 101 | Peak | VERTICAL |

Item 1, 2 are the fundamental frequency at 5690 MHz.

**Channel 155**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5702.70 | 68.04 | 68.20 | -0.16 | 63.58 | 4.71 | 34.32 | 34.57 | Peak | 351 | 100 | VERTICAL |
| 2 | 5722.11 | 71.33 | 78.20 | -6.87 | 66.82 | 4.72 | 34.37 | 34.58 | Peak | 351 | 100 | VERTICAL |
| 3 | 5762.70 | 90.19 | | | 85.55 | 4.74 | 34.48 | 34.58 | Average | 351 | 100 | VERTICAL |
| 4 | 5764.87 | 105.35 | | | 100.71 | 4.74 | 34.48 | 34.58 | Peak | 351 | 100 | VERTICAL |
| 5 | 5852.17 | 65.00 | 78.20 | -13.20 | 60.07 | 4.80 | 34.73 | 34.60 | Peak | 351 | 100 | VERTICAL |
| 6 | 5863.62 | 65.86 | 68.20 | -2.34 | 60.86 | 4.81 | 34.79 | 34.60 | Peak | 351 | 100 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5775 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 36, 40, 48 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 11, 2014 | Test Mode | Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi) |

**Channel 36**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5100.96 | 53.85 | 54.00 | -0.15 | 49.04 | 6.10 | 33.91 | 35.20 | Average | 183 | 139 | VERTICAL |
| 2 | 5101.92 | 63.65 | 74.00 | -10.35 | 58.84 | 6.10 | 33.91 | 35.20 | Peak | 183 | 139 | VERTICAL |
| 3 | 5181.28 | 103.23 | | | 98.20 | 6.15 | 34.08 | 35.20 | Average | 183 | 139 | VERTICAL |
| 4 | 5181.28 | 113.48 | | | 108.45 | 6.15 | 34.08 | 35.20 | Peak | 183 | 139 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5180 MHz.

**Channel 40**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5120.83 | 53.86 | 54.00 | -0.14 | 49.01 | 6.11 | 33.94 | 35.20 | Average | 192 | 134 | VERTICAL |
| 2 | 5120.83 | 64.57 | 74.00 | -9.43 | 59.72 | 6.11 | 33.94 | 35.20 | Peak | 192 | 134 | VERTICAL |
| 3 | 5201.28 | 113.68 | | | 108.61 | 6.16 | 34.11 | 35.20 | Peak | 192 | 134 | VERTICAL |
| 4 | 5201.60 | 103.30 | | | 98.23 | 6.16 | 34.11 | 35.20 | Average | 192 | 134 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5200 MHz.

**Channel 48**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5121.64 | 47.75 | 54.00 | -6.25 | 42.90 | 6.11 | 33.94 | 35.20 | Average | 180 | 133 | VERTICAL |
| 2 | 5123.08 | 59.57 | 74.00 | -14.43 | 54.71 | 6.12 | 33.94 | 35.20 | Peak | 180 | 133 | VERTICAL |
| 3 | 5241.44 | 111.73 | | | 106.57 | 6.18 | 34.18 | 35.20 | Average | 180 | 133 | VERTICAL |
| 4 | 5241.92 | 121.98 | | | 116.80 | 6.20 | 34.18 | 35.20 | Peak | 180 | 133 | VERTICAL |
| 5 | 5352.89 | 59.46 | 74.00 | -14.54 | 53.98 | 6.26 | 34.42 | 35.20 | Peak | 180 | 133 | VERTICAL |
| 6 | 5361.54 | 47.53 | 54.00 | -6.47 | 42.04 | 6.27 | 34.42 | 35.20 | Average | 180 | 133 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5240 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 11, 2014 | Test Mode | Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi) |

**Channel 52**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5128.85 | 58.68 | 74.00 | -15.32 | 53.78 | 6.12 | 33.98 | 35.20 | Peak | 210 | 237 | VERTICAL |
| 2 | 5144.23 | 46.63 | 54.00 | -7.37 | 41.69 | 6.13 | 34.01 | 35.20 | Average | 210 | 237 | VERTICAL |
| 3 | 5254.23 | 108.92 | | | 103.70 | 6.20 | 34.22 | 35.20 | Average | 210 | 237 | VERTICAL |
| 4 | 5263.37 | 119.89 | | | 114.63 | 6.21 | 34.25 | 35.20 | Peak | 210 | 237 | VERTICAL |
| 5 | 5365.87 | 58.73 | 74.00 | -15.27 | 53.20 | 6.27 | 34.46 | 35.20 | Peak | 210 | 237 | VERTICAL |
| 6 | 5384.62 | 46.09 | 54.00 | -7.91 | 40.52 | 6.28 | 34.49 | 35.20 | Average | 210 | 237 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5260 MHz.

**Channel 60**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5294.23 | 104.22 | | | 98.90 | 6.23 | 34.29 | 35.20 | Average | 202 | 235 | VERTICAL |
| 2 | 5294.23 | 114.79 | | | 109.47 | 6.23 | 34.29 | 35.20 | Peak | 202 | 235 | VERTICAL |
| 3 | 5383.97 | 64.82 | 74.00 | -9.18 | 59.25 | 6.28 | 34.49 | 35.20 | Peak | 202 | 235 | VERTICAL |
| 4 | 5384.62 | 53.79 | 54.00 | -0.21 | 48.22 | 6.28 | 34.49 | 35.20 | Average | 202 | 235 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5300 MHz.

**Channel 64**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5314.23 | 103.79 | | | 98.39 | 6.24 | 34.36 | 35.20 | Average | 209 | 234 | VERTICAL |
| 2 | 5314.55 | 113.93 | | | 108.53 | 6.24 | 34.36 | 35.20 | Peak | 209 | 234 | VERTICAL |
| 3 | 5394.23 | 53.76 | 54.00 | -0.24 | 48.19 | 6.28 | 34.49 | 35.20 | Average | 209 | 234 | VERTICAL |
| 4 | 5394.55 | 63.97 | 74.00 | -10.03 | 58.39 | 6.29 | 34.49 | 35.20 | Peak | 209 | 234 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5320 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 100, 140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 11, 2014 | Test Mode | Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi) |

**Channel 100**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5416.73 | 53.97 | 54.00 | -0.03 | 48.30 | 6.31 | 34.56 | 35.20 | Average | 193 | 285 | VERTICAL |
| 2 | 5417.37 | 64.92 | 74.00 | -9.08 | 59.25 | 6.31 | 34.56 | 35.20 | Peak | 193 | 285 | VERTICAL |
| 3 | 5466.80 | 59.51 | 74.00 | -14.49 | 53.74 | 6.34 | 34.63 | 35.20 | Peak | 193 | 285 | VERTICAL |
| 4 | 5467.44 | 46.16 | 54.00 | -7.84 | 40.35 | 6.34 | 34.67 | 35.20 | Average | 193 | 285 | VERTICAL |
| 5 | 5497.12 | 103.24 | | | 97.38 | 6.36 | 34.70 | 35.20 | Average | 193 | 285 | VERTICAL |
| 6 | 5497.44 | 114.28 | | | 108.42 | 6.36 | 34.70 | 35.20 | Peak | 193 | 285 | VERTICAL |

Item 5, 6 are the fundamental frequency at 5500 MHz.

**Channel 140**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5706.41 | 107.28 | | | 101.17 | 6.44 | 34.87 | 35.20 | Average | 175 | 146 | VERTICAL |
| 2 | 5706.41 | 116.42 | | | 110.31 | 6.44 | 34.87 | 35.20 | Peak | 175 | 146 | VERTICAL |
| 3 | 5776.60 | 67.90 | 68.20 | -0.30 | 61.71 | 6.46 | 34.93 | 35.20 | Peak | 175 | 146 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5700 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 149, 157, 165 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 11, 2014 | Test Mode | Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi) |

**Channel 149**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5662.44 | 67.59 | 68.20 | -0.61 | 61.54 | 6.42 | 34.83 | 35.20 | Peak | 183 | 253 | VERTICAL |
| 2 | 5722.12 | 77.26 | 78.20 | -0.94 | 71.14 | 6.45 | 34.87 | 35.20 | Peak | 183 | 253 | VERTICAL |
| 3 | 5742.12 | 105.74 | | | 99.59 | 6.45 | 34.90 | 35.20 | Average | 183 | 253 | VERTICAL |
| 4 | 5742.12 | 116.30 | | | 110.15 | 6.45 | 34.90 | 35.20 | Peak | 183 | 253 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5745 MHz.

**Channel 157**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5708.01 | 68.03 | 68.20 | -0.17 | 61.92 | 6.44 | 34.87 | 35.20 | Peak | 172 | 131 | VERTICAL |
| 2 | 5717.95 | 60.49 | 78.20 | -17.71 | 54.37 | 6.45 | 34.87 | 35.20 | Peak | 172 | 131 | VERTICAL |
| 3 | 5778.27 | 105.21 | | | 99.02 | 6.46 | 34.93 | 35.20 | Average | 172 | 131 | VERTICAL |
| 4 | 5778.59 | 115.96 | | | 109.77 | 6.46 | 34.93 | 35.20 | Peak | 172 | 131 | VERTICAL |
| 5 | 5850.64 | 57.78 | 78.20 | -20.42 | 51.51 | 6.49 | 34.98 | 35.20 | Peak | 172 | 131 | VERTICAL |
| 6 | 5869.62 | 66.00 | 68.20 | -2.20 | 59.71 | 6.50 | 34.99 | 35.20 | Peak | 172 | 131 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5785 MHz.

**Channel 165**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5827.24 | 106.49 | | | 100.24 | 6.48 | 34.97 | 35.20 | Average | 181 | 242 | VERTICAL |
| 2 | 5827.24 | 117.12 | | | 110.87 | 6.48 | 34.97 | 35.20 | Peak | 181 | 242 | VERTICAL |
| 3 | 5850.96 | 66.84 | 78.20 | -11.36 | 60.57 | 6.49 | 34.98 | 35.20 | Peak | 181 | 242 | VERTICAL |
| 4 | 5907.12 | 67.85 | 68.20 | -0.35 | 61.51 | 6.52 | 35.02 | 35.20 | Peak | 181 | 242 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5825 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 36, 40, 48 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 11, 2014 / Nov. 12, 2014 | Test Mode | Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi) |

**Channel 36**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5098.40 | 53.85 | 54.00 | -0.15 | 49.04 | 6.10 | 33.91 | 35.20 | Average | 187 | 8 | VERTICAL |
| 2 | 5098.72 | 64.25 | 74.00 | -9.75 | 59.44 | 6.10 | 33.91 | 35.20 | Peak | 187 | 8 | VERTICAL |
| 3 | 5178.72 | 113.74 | | | 108.71 | 6.15 | 34.08 | 35.20 | Peak | 187 | 8 | VERTICAL |
| 4 | 5183.53 | 101.96 | | | 96.93 | 6.15 | 34.08 | 35.20 | Average | 187 | 8 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5180 MHz.

**Channel 40**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5118.27 | 53.30 | 54.00 | -0.70 | 48.45 | 6.11 | 33.94 | 35.20 | Average | 190 | 8 | VERTICAL |
| 2 | 5123.40 | 64.29 | 74.00 | -9.71 | 59.43 | 6.12 | 33.94 | 35.20 | Peak | 190 | 8 | VERTICAL |
| 3 | 5198.72 | 102.48 | | | 97.41 | 6.16 | 34.11 | 35.20 | Average | 190 | 8 | VERTICAL |
| 4 | 5198.72 | 113.63 | | | 108.56 | 6.16 | 34.11 | 35.20 | Peak | 190 | 8 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5200 MHz.

**Channel 48**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 4998.08 | 48.28 | 54.00 | -5.72 | 43.75 | 6.03 | 33.70 | 35.20 | Average | 187 | 3 | VERTICAL |
| 2 | 5003.85 | 60.68 | 74.00 | -13.32 | 56.14 | 6.04 | 33.70 | 35.20 | Peak | 187 | 3 | VERTICAL |
| 3 | 5238.08 | 111.51 | | | 106.35 | 6.18 | 34.18 | 35.20 | Average | 187 | 3 | VERTICAL |
| 4 | 5239.04 | 120.59 | | | 115.43 | 6.18 | 34.18 | 35.20 | Peak | 187 | 3 | VERTICAL |
| 5 | 5358.65 | 59.42 | 74.00 | -14.58 | 53.94 | 6.26 | 34.42 | 35.20 | Peak | 187 | 3 | VERTICAL |
| 6 | 5359.62 | 47.62 | 54.00 | -6.38 | 42.14 | 6.26 | 34.42 | 35.20 | Average | 187 | 3 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5240 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 12, 2014 | Test Mode | Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi) |

**Channel 52**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5657.50 | 66.17 | 68.20 | -2.03 | 60.12 | 6.42 | 34.83 | 35.20 | Peak | 182 | 133 | VERTICAL |
| 2 | 5723.37 | 78.00 | 78.20 | -0.20 | 71.86 | 6.45 | 34.89 | 35.20 | Peak | 182 | 133 | VERTICAL |
| 3 | 5743.08 | 104.33 | | | 98.18 | 6.45 | 34.90 | 35.20 | Average | 182 | 133 | VERTICAL |
| 4 | 5747.89 | 114.42 | | | 108.27 | 6.45 | 34.90 | 35.20 | Peak | 182 | 133 | VERTICAL |
| 5 | 5850.00 | 58.45 | 78.20 | -19.75 | 52.18 | 6.49 | 34.98 | 35.20 | Peak | 182 | 133 | VERTICAL |
| 6 | 5880.10 | 58.98 | 68.20 | -9.22 | 52.67 | 6.50 | 35.01 | 35.20 | Peak | 182 | 133 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5260 MHz.

**Channel 60**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5702.50 | 67.43 | 68.20 | -0.77 | 61.33 | 6.44 | 34.86 | 35.20 | Peak | 175 | 138 | VERTICAL |
| 2 | 5721.15 | 58.89 | 78.20 | -19.31 | 52.77 | 6.45 | 34.87 | 35.20 | Peak | 175 | 138 | VERTICAL |
| 3 | 5777.31 | 106.60 | | | 100.41 | 6.46 | 34.93 | 35.20 | Average | 175 | 138 | VERTICAL |
| 4 | 5777.31 | 116.30 | | | 110.11 | 6.46 | 34.93 | 35.20 | Peak | 175 | 138 | VERTICAL |
| 5 | 5857.69 | 66.94 | 78.20 | -11.26 | 60.66 | 6.50 | 34.98 | 35.20 | Peak | 175 | 138 | VERTICAL |
| 6 | 5862.89 | 66.90 | 68.20 | -1.30 | 60.61 | 6.50 | 34.99 | 35.20 | Peak | 175 | 138 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5300 MHz.

**Channel 64**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5823.56 | 109.12 | | | 102.89 | 6.48 | 34.95 | 35.20 | Average | 180 | 128 | VERTICAL |
| 2 | 5823.56 | 119.07 | | | 112.84 | 6.48 | 34.95 | 35.20 | Peak | 180 | 128 | VERTICAL |
| 3 | 5850.00 | 77.04 | 78.20 | -1.16 | 70.77 | 6.49 | 34.98 | 35.20 | Peak | 180 | 128 | VERTICAL |
| 4 | 5899.52 | 67.54 | 68.20 | -0.66 | 61.21 | 6.51 | 35.02 | 35.20 | Peak | 180 | 128 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5320 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 12, 2014 | Test Mode | Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi) |

**Channel 100**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5411.92 | 53.95 | 54.00 | -0.05 | 48.31 | 6.31 | 34.53 | 35.20 | Average | 192 | 287 | VERTICAL |
| 2 | 5412.24 | 65.02 | 74.00 | -8.98 | 59.38 | 6.31 | 34.53 | 35.20 | Peak | 192 | 287 | VERTICAL |
| 3 | 5467.44 | 46.29 | 54.00 | -7.71 | 40.48 | 6.34 | 34.67 | 35.20 | Average | 192 | 287 | VERTICAL |
| 4 | 5467.44 | 60.82 | 74.00 | -13.18 | 55.01 | 6.34 | 34.67 | 35.20 | Peak | 192 | 287 | VERTICAL |
| 5 | 5497.12 | 102.40 | | | 96.54 | 6.36 | 34.70 | 35.20 | Average | 192 | 287 | VERTICAL |
| 6 | 5501.60 | 113.51 | | | 107.64 | 6.36 | 34.71 | 35.20 | Peak | 192 | 287 | VERTICAL |

Item 5, 6 are the fundamental frequency at 5500 MHz.

**Channel 140**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5701.92 | 104.95 | | | 98.85 | 6.44 | 34.86 | 35.20 | Average | 180 | 24 | VERTICAL |
| 2 | 5702.56 | 116.24 | | | 110.14 | 6.44 | 34.86 | 35.20 | Peak | 180 | 24 | VERTICAL |
| 3 | 5772.76 | 67.35 | 68.20 | -0.85 | 61.18 | 6.46 | 34.91 | 35.20 | Peak | 180 | 24 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5700 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 149, 157, 165 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 12, 2014 | Test Mode | Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi) |

**Channel 149**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5657.50 | 66.17 | 68.20 | -2.03 | 60.12 | 6.42 | 34.83 | 35.20 | Peak | 182 | 133 | VERTICAL |
| 2 | 5723.37 | 78.00 | 78.20 | -0.20 | 71.86 | 6.45 | 34.89 | 35.20 | Peak | 182 | 133 | VERTICAL |
| 3 | 5743.08 | 104.33 | | | 98.18 | 6.45 | 34.90 | 35.20 | Average | 182 | 133 | VERTICAL |
| 4 | 5747.89 | 114.42 | | | 108.27 | 6.45 | 34.90 | 35.20 | Peak | 182 | 133 | VERTICAL |
| 5 | 5850.00 | 58.45 | 78.20 | -19.75 | 52.18 | 6.49 | 34.98 | 35.20 | Peak | 182 | 133 | VERTICAL |
| 6 | 5880.10 | 58.98 | 68.20 | -9.22 | 52.67 | 6.50 | 35.01 | 35.20 | Peak | 182 | 133 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5745 MHz.

**Channel 157**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5702.50 | 67.43 | 68.20 | -0.77 | 61.33 | 6.44 | 34.86 | 35.20 | Peak | 175 | 138 | VERTICAL |
| 2 | 5721.15 | 58.89 | 78.20 | -19.31 | 52.77 | 6.45 | 34.87 | 35.20 | Peak | 175 | 138 | VERTICAL |
| 3 | 5777.31 | 106.60 | | | 100.41 | 6.46 | 34.93 | 35.20 | Average | 175 | 138 | VERTICAL |
| 4 | 5777.31 | 116.30 | | | 110.11 | 6.46 | 34.93 | 35.20 | Peak | 175 | 138 | VERTICAL |
| 5 | 5857.69 | 66.94 | 78.20 | -11.26 | 60.66 | 6.50 | 34.98 | 35.20 | Peak | 175 | 138 | VERTICAL |
| 6 | 5862.89 | 66.90 | 68.20 | -1.30 | 60.61 | 6.50 | 34.99 | 35.20 | Peak | 175 | 138 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5785 MHz.

**Channel 165**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5823.56 | 109.12 | | | 102.89 | 6.48 | 34.95 | 35.20 | Average | 180 | 128 | VERTICAL |
| 2 | 5823.56 | 119.07 | | | 112.84 | 6.48 | 34.95 | 35.20 | Peak | 180 | 128 | VERTICAL |
| 3 | 5850.00 | 77.04 | 78.20 | -1.16 | 70.77 | 6.49 | 34.98 | 35.20 | Peak | 180 | 128 | VERTICAL |
| 4 | 5899.52 | 67.54 | 68.20 | -0.66 | 61.21 | 6.51 | 35.02 | 35.20 | Peak | 180 | 128 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5825 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 36, 40, 48 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 13, 2014 | Test Mode | Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi) |

**Channel 36**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5101.47 | 65.46 | 74.00 | -8.54 | 60.65 | 6.10 | 33.91 | 35.20 | Peak | 185 | 307 | VERTICAL |
| 2 | 5102.12 | 53.97 | 54.00 | -0.03 | 49.16 | 6.10 | 33.91 | 35.20 | Average | 185 | 307 | VERTICAL |
| 3 | 5180.96 | 114.09 | | | 109.06 | 6.15 | 34.08 | 35.20 | Peak | 185 | 307 | VERTICAL |
| 4 | 5186.41 | 103.24 | | | 98.21 | 6.15 | 34.08 | 35.20 | Average | 185 | 307 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5180 MHz.

**Channel 40**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5113.14 | 65.20 | 74.00 | -8.80 | 60.35 | 6.11 | 33.94 | 35.20 | Peak | 185 | 190 | VERTICAL |
| 2 | 5113.46 | 53.99 | 54.00 | -0.01 | 49.14 | 6.11 | 33.94 | 35.20 | Average | 185 | 190 | VERTICAL |
| 3 | 5193.27 | 103.90 | | | 98.86 | 6.16 | 34.08 | 35.20 | Average | 185 | 190 | VERTICAL |
| 4 | 5203.85 | 114.20 | | | 109.13 | 6.16 | 34.11 | 35.20 | Peak | 185 | 190 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5200 MHz.

**Channel 48**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5127.40 | 59.42 | 74.00 | -14.58 | 54.52 | 6.12 | 33.98 | 35.20 | Peak | 172 | 80 | VERTICAL |
| 2 | 5127.98 | 47.44 | 54.00 | -6.56 | 42.54 | 6.12 | 33.98 | 35.20 | Average | 172 | 80 | VERTICAL |
| 3 | 5242.40 | 109.00 | | | 103.82 | 6.20 | 34.18 | 35.20 | Average | 172 | 80 | VERTICAL |
| 4 | 5247.69 | 118.97 | | | 113.75 | 6.20 | 34.22 | 35.20 | Peak | 172 | 80 | VERTICAL |
| 5 | 5351.44 | 59.16 | 74.00 | -14.84 | 53.68 | 6.26 | 34.42 | 35.20 | Peak | 172 | 80 | VERTICAL |
| 6 | 5355.29 | 46.80 | 54.00 | -7.20 | 41.32 | 6.26 | 34.42 | 35.20 | Average | 172 | 80 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5240 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 13, 2014 | Test Mode | Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi) |

**Channel 52**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5141.83 | 48.28 | 54.00 | -5.72 | 43.37 | 6.13 | 33.98 | 35.20 | Average | 184 | 318 | VERTICAL |
| 2 | 5143.27 | 60.28 | 74.00 | -13.72 | 55.37 | 6.13 | 33.98 | 35.20 | Peak | 184 | 318 | VERTICAL |
| 3 | 5257.60 | 109.44 | | | 104.22 | 6.20 | 34.22 | 35.20 | Average | 184 | 318 | VERTICAL |
| 4 | 5261.44 | 119.87 | | | 114.64 | 6.21 | 34.22 | 35.20 | Peak | 184 | 318 | VERTICAL |
| 5 | 5350.00 | 47.83 | 54.00 | -6.17 | 42.35 | 6.26 | 34.42 | 35.20 | Average | 184 | 318 | VERTICAL |
| 6 | 5350.00 | 60.45 | 74.00 | -13.55 | 54.97 | 6.26 | 34.42 | 35.20 | Peak | 184 | 318 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5260 MHz.

**Channel 60**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5297.76 | 104.77 | | | 99.42 | 6.23 | 34.32 | 35.20 | Average | 190 | 255 | VERTICAL |
| 2 | 5302.56 | 114.21 | | | 108.86 | 6.23 | 34.32 | 35.20 | Peak | 190 | 255 | VERTICAL |
| 3 | 5377.89 | 53.81 | 54.00 | -0.19 | 48.27 | 6.28 | 34.46 | 35.20 | Average | 190 | 255 | VERTICAL |
| 4 | 5383.01 | 65.60 | 74.00 | -8.40 | 60.03 | 6.28 | 34.49 | 35.20 | Peak | 190 | 255 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5300 MHz.

**Channel 64**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5317.76 | 102.45 | | | 97.05 | 6.24 | 34.36 | 35.20 | Average | 177 | 115 | VERTICAL |
| 2 | 5317.76 | 114.05 | | | 108.65 | 6.24 | 34.36 | 35.20 | Peak | 177 | 115 | VERTICAL |
| 3 | 5401.73 | 64.35 | 74.00 | -9.65 | 58.73 | 6.29 | 34.53 | 35.20 | Peak | 177 | 115 | VERTICAL |
| 4 | 5402.37 | 53.81 | 54.00 | -0.19 | 48.19 | 6.29 | 34.53 | 35.20 | Average | 177 | 115 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5320 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 100, 140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 13, 2014 | Test Mode | Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi) |

**Channel 100**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5413.46 | 53.71 | 54.00 | -0.29 | 48.07 | 6.31 | 34.53 | 35.20 | Average | 179 | 313 | VERTICAL |
| 2 | 5421.80 | 65.37 | 74.00 | -8.63 | 59.70 | 6.31 | 34.56 | 35.20 | Peak | 179 | 313 | VERTICAL |
| 3 | 5467.12 | 59.44 | 74.00 | -14.56 | 53.63 | 6.34 | 34.67 | 35.20 | Peak | 179 | 313 | VERTICAL |
| 4 | 5470.00 | 46.43 | 54.00 | -7.57 | 40.62 | 6.34 | 34.67 | 35.20 | Average | 179 | 313 | VERTICAL |
| 5 | 5497.76 | 102.69 | | | 96.83 | 6.36 | 34.70 | 35.20 | Average | 179 | 313 | VERTICAL |
| 6 | 5502.24 | 113.24 | | | 107.37 | 6.36 | 34.71 | 35.20 | Peak | 179 | 313 | VERTICAL |

Item 5, 6 are the fundamental frequency at 5500 MHz.

**Channel 140**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5706.73 | 104.61 | | | 98.50 | 6.44 | 34.87 | 35.20 | Average | 185 | 72 | VERTICAL |
| 2 | 5707.05 | 114.77 | | | 108.66 | 6.44 | 34.87 | 35.20 | Peak | 185 | 72 | VERTICAL |
| 3 | 5725.00 | 68.02 | 68.20 | -0.18 | 61.88 | 6.45 | 34.89 | 35.20 | Peak | 185 | 72 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5700 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 149, 157, 165 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 13, 2014 / Nov. 14, 2014 | Test Mode | Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi) |

**Channel 149**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5666.47 | 65.81 | 68.20 | -2.39 | 59.76 | 6.42 | 34.83 | 35.20 | Peak | 172 | 76 | VERTICAL |
| 2 | 5723.72 | 78.14 | 78.20 | -0.06 | 72.00 | 6.45 | 34.89 | 35.20 | Peak | 172 | 76 | VERTICAL |
| 3 | 5751.41 | 104.77 | | | 98.62 | 6.45 | 34.90 | 35.20 | Average | 172 | 76 | VERTICAL |
| 4 | 5751.41 | 115.41 | | | 109.26 | 6.45 | 34.90 | 35.20 | Peak | 172 | 76 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5745 MHz.

**Channel 157**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5707.44 | 67.98 | 68.20 | -0.22 | 61.87 | 6.44 | 34.87 | 35.20 | Peak | 191 | 63 | VERTICAL |
| 2 | 5724.04 | 58.04 | 78.20 | -20.16 | 51.90 | 6.45 | 34.89 | 35.20 | Peak | 191 | 63 | VERTICAL |
| 3 | 5778.27 | 106.20 | | | 100.01 | 6.46 | 34.93 | 35.20 | Average | 191 | 63 | VERTICAL |
| 4 | 5783.08 | 116.67 | | | 110.48 | 6.46 | 34.93 | 35.20 | Peak | 191 | 63 | VERTICAL |
| 5 | 5850.00 | 59.47 | 78.20 | -18.73 | 53.20 | 6.49 | 34.98 | 35.20 | Peak | 191 | 63 | VERTICAL |
| 6 | 5867.69 | 67.10 | 68.20 | -1.10 | 60.81 | 6.50 | 34.99 | 35.20 | Peak | 191 | 63 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5785 MHz.

**Channel 165**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5823.08 | 106.37 | | | 100.14 | 6.48 | 34.95 | 35.20 | Average | 185 | 62 | VERTICAL |
| 2 | 5827.24 | 116.64 | | | 110.39 | 6.48 | 34.97 | 35.20 | Peak | 185 | 62 | VERTICAL |
| 3 | 5850.00 | 73.16 | 78.20 | -5.04 | 66.89 | 6.49 | 34.98 | 35.20 | Peak | 185 | 62 | VERTICAL |
| 4 | 5907.05 | 67.96 | 68.20 | -0.24 | 61.62 | 6.52 | 35.02 | 35.20 | Peak | 185 | 62 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5825 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 38, 46 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 12, 2014 | Test Mode | Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi) |

**Channel 38**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5148.40 | 53.87 | 54.00 | -0.13 | 48.93 | 6.13 | 34.01 | 35.20 | Average | 169 | 151 | VERTICAL |
| 2 | 5149.04 | 70.08 | 74.00 | -3.92 | 65.14 | 6.13 | 34.01 | 35.20 | Peak | 169 | 151 | VERTICAL |
| 3 | 5193.85 | 100.56 | | | 95.52 | 6.16 | 34.08 | 35.20 | Average | 169 | 151 | VERTICAL |
| 4 | 5194.49 | 110.59 | | | 105.52 | 6.16 | 34.11 | 35.20 | Peak | 169 | 151 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5190 MHz.

**Channel 46**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5147.60 | 53.90 | 54.00 | -0.10 | 48.96 | 6.13 | 34.01 | 35.20 | Average | 188 | 207 | VERTICAL |
| 2 | 5147.60 | 63.88 | 74.00 | -10.12 | 58.94 | 6.13 | 34.01 | 35.20 | Peak | 188 | 207 | VERTICAL |
| 3 | 5232.40 | 114.51 | | | 109.35 | 6.18 | 34.18 | 35.20 | Peak | 188 | 207 | VERTICAL |
| 4 | 5232.89 | 104.95 | | | 99.79 | 6.18 | 34.18 | 35.20 | Average | 188 | 207 | VERTICAL |
| 5 | 5350.00 | 45.80 | 54.00 | -8.20 | 40.32 | 6.26 | 34.42 | 35.20 | Average | 188 | 207 | VERTICAL |
| 6 | 5365.87 | 58.63 | 74.00 | -15.37 | 53.10 | 6.27 | 34.46 | 35.20 | Peak | 188 | 207 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5230 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 12, 2014 | Test Mode | Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi) |

**Channel 54**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5146.64 | 58.20 | 74.00 | -15.80 | 53.26 | 6.13 | 34.01 | 35.20 | Peak | 188 | 156 | VERTICAL |
| 2 | 5149.52 | 46.73 | 54.00 | -7.27 | 41.79 | 6.13 | 34.01 | 35.20 | Average | 188 | 156 | VERTICAL |
| 3 | 5263.75 | 106.27 | | | 101.01 | 6.21 | 34.25 | 35.20 | Average | 188 | 156 | VERTICAL |
| 4 | 5263.75 | 116.27 | | | 111.01 | 6.21 | 34.25 | 35.20 | Peak | 188 | 156 | VERTICAL |
| 5 | 5353.85 | 64.19 | 74.00 | -9.81 | 58.71 | 6.26 | 34.42 | 35.20 | Peak | 188 | 156 | VERTICAL |
| 6 | 5354.33 | 53.59 | 54.00 | -0.41 | 48.11 | 6.26 | 34.42 | 35.20 | Average | 188 | 156 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5270 MHz.

**Channel 62**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5305.67 | 100.68 | | | 95.33 | 6.23 | 34.32 | 35.20 | Average | 178 | 263 | VERTICAL |
| 2 | 5305.67 | 109.54 | | | 104.19 | 6.23 | 34.32 | 35.20 | Peak | 178 | 263 | VERTICAL |
| 3 | 5350.48 | 53.59 | 54.00 | -0.41 | 48.11 | 6.26 | 34.42 | 35.20 | Average | 178 | 263 | VERTICAL |
| 4 | 5350.48 | 70.04 | 74.00 | -3.96 | 64.56 | 6.26 | 34.42 | 35.20 | Peak | 178 | 263 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5310 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 13, 2014 | Test Mode | Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi) |

**Channel 102**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5416.25 | 62.31 | 74.00 | -11.69 | 56.64 | 6.31 | 34.56 | 35.20 | Peak | 184 | 298 | VERTICAL |
| 2 | 5436.44 | 50.30 | 54.00 | -3.70 | 44.58 | 6.32 | 34.60 | 35.20 | Average | 184 | 298 | VERTICAL |
| 3 | 5467.12 | 53.90 | 54.00 | -0.10 | 48.09 | 6.34 | 34.67 | 35.20 | Average | 184 | 298 | VERTICAL |
| 4 | 5467.21 | 68.03 | 74.00 | -5.97 | 62.22 | 6.34 | 34.67 | 35.20 | Peak | 184 | 298 | VERTICAL |
| 5 | 5506.64 | 99.47 | | | 93.60 | 6.36 | 34.71 | 35.20 | Average | 184 | 298 | VERTICAL |
| 6 | 5506.64 | 109.51 | | | 103.64 | 6.36 | 34.71 | 35.20 | Peak | 184 | 298 | VERTICAL |

Item 5, 6 are the fundamental frequency at 5510 MHz.

**Channel 110**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5456.73 | 53.86 | 54.00 | -0.14 | 48.10 | 6.33 | 34.63 | 35.20 | Average | 183 | 302 | VERTICAL |
| 2 | 5456.73 | 63.89 | 74.00 | -10.11 | 58.13 | 6.33 | 34.63 | 35.20 | Peak | 183 | 302 | VERTICAL |
| 3 | 5466.15 | 53.65 | 54.00 | -0.35 | 47.88 | 6.34 | 34.63 | 35.20 | Average | 183 | 302 | VERTICAL |
| 4 | 5466.64 | 65.11 | 74.00 | -8.89 | 59.34 | 6.34 | 34.63 | 35.20 | Peak | 183 | 302 | VERTICAL |
| 5 | 5562.02 | 104.84 | | | 98.91 | 6.38 | 34.75 | 35.20 | Average | 183 | 302 | VERTICAL |
| 6 | 5562.02 | 115.02 | | | 109.09 | 6.38 | 34.75 | 35.20 | Peak | 183 | 302 | VERTICAL |

Item 5, 6 are the fundamental frequency at 5550 MHz.

**Channel 134**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5665.19 | 105.17 | | | 99.12 | 6.42 | 34.83 | 35.20 | Average | 175 | 134 | VERTICAL |
| 2 | 5665.19 | 115.49 | | | 109.44 | 6.42 | 34.83 | 35.20 | Peak | 175 | 134 | VERTICAL |
| 3 | 5726.89 | 67.98 | 68.20 | -0.22 | 61.84 | 6.45 | 34.89 | 35.20 | Peak | 175 | 134 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5670 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 151, 159 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 13, 2014 | Test Mode | Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi) |

**Channel 151**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5712.05 | 68.15 | 68.20 | -0.05 | 62.04 | 6.44 | 34.87 | 35.20 | Peak | 157 | 161 | VERTICAL |
| 2 | 5721.67 | 73.72 | 78.20 | -4.48 | 67.60 | 6.45 | 34.87 | 35.20 | Peak | 157 | 161 | VERTICAL |
| 3 | 5751.47 | 99.00 | | | 92.85 | 6.45 | 34.90 | 35.20 | Average | 157 | 161 | VERTICAL |
| 4 | 5751.80 | 108.92 | | | 102.76 | 6.46 | 34.90 | 35.20 | Peak | 157 | 161 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5755 MHz.

**Channel 159**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5707.50 | 67.83 | 68.20 | -0.37 | 61.72 | 6.44 | 34.87 | 35.20 | Peak | 175 | 294 | VERTICAL |
| 2 | 5722.40 | 69.76 | 78.20 | -8.44 | 63.64 | 6.45 | 34.87 | 35.20 | Peak | 175 | 294 | VERTICAL |
| 3 | 5777.69 | 106.45 | | | 100.26 | 6.46 | 34.93 | 35.20 | Average | 175 | 294 | VERTICAL |
| 4 | 5777.69 | 116.56 | | | 110.37 | 6.46 | 34.93 | 35.20 | Peak | 175 | 294 | VERTICAL |
| 5 | 5851.73 | 73.45 | 78.20 | -4.75 | 67.18 | 6.49 | 34.98 | 35.20 | Peak | 175 | 294 | VERTICAL |
| 6 | 5862.31 | 68.05 | 68.20 | -0.15 | 61.76 | 6.50 | 34.99 | 35.20 | Peak | 175 | 294 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5795 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 38, 46 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 14, 2014 | Test Mode | Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi) |

**Channel 38**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5142.56 | 67.82 | 74.00 | -6.18 | 62.91 | 6.13 | 33.98 | 35.20 | Peak | 185 | 311 | VERTICAL |
| 2 | 5149.62 | 53.73 | 54.00 | -0.27 | 48.79 | 6.13 | 34.01 | 35.20 | Average | 185 | 311 | VERTICAL |
| 3 | 5187.12 | 110.32 | | | 105.29 | 6.15 | 34.08 | 35.20 | Peak | 185 | 311 | VERTICAL |
| 4 | 5193.21 | 97.98 | | | 92.94 | 6.16 | 34.08 | 35.20 | Average | 185 | 311 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5190 MHz.

**Channel 46**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5133.21 | 53.77 | 54.00 | -0.23 | 48.87 | 6.12 | 33.98 | 35.20 | Average | 182 | 192 | VERTICAL |
| 2 | 5144.10 | 69.56 | 74.00 | -4.44 | 64.62 | 6.13 | 34.01 | 35.20 | Peak | 182 | 192 | VERTICAL |
| 3 | 5233.53 | 104.51 | | | 99.35 | 6.18 | 34.18 | 35.20 | Average | 182 | 192 | VERTICAL |
| 4 | 5234.17 | 115.87 | | | 110.71 | 6.18 | 34.18 | 35.20 | Peak | 182 | 192 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5230 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 54, 62 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 14, 2014 | Test Mode | Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi) |

**Channel 54**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5266.64 | 104.62 | | | 99.36 | 6.21 | 34.25 | 35.20 | Average | 179 | 14 | VERTICAL |
| 2 | 5266.64 | 115.95 | | | 110.69 | 6.21 | 34.25 | 35.20 | Peak | 179 | 14 | VERTICAL |
| 3 | 5357.02 | 66.17 | 74.00 | -7.83 | 60.69 | 6.26 | 34.42 | 35.20 | Peak | 179 | 14 | VERTICAL |
| 4 | 5366.64 | 53.76 | 54.00 | -0.24 | 48.23 | 6.27 | 34.46 | 35.20 | Average | 179 | 14 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5270 MHz.

**Channel 62**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5313.37 | 99.58 | | | 94.22 | 6.24 | 34.32 | 35.20 | Average | 176 | 59 | VERTICAL |
| 2 | 5313.85 | 111.37 | | | 105.97 | 6.24 | 34.36 | 35.20 | Peak | 176 | 59 | VERTICAL |
| 3 | 5350.00 | 53.74 | 54.00 | -0.26 | 48.26 | 6.26 | 34.42 | 35.20 | Average | 176 | 59 | VERTICAL |
| 4 | 5350.87 | 70.73 | 74.00 | -3.27 | 65.25 | 6.26 | 34.42 | 35.20 | Peak | 176 | 59 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5310 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 102, 110, 134 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 14, 2014 | Test Mode | Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi) |

**Channel 102**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5422.02 | 50.14 | 54.00 | -3.86 | 44.47 | 6.31 | 34.56 | 35.20 | Average | 175 | 78 | VERTICAL |
| 2 | 5427.31 | 62.38 | 74.00 | -11.62 | 56.71 | 6.31 | 34.56 | 35.20 | Peak | 175 | 78 | VERTICAL |
| 3 | 5465.67 | 68.94 | 74.00 | -5.06 | 63.17 | 6.34 | 34.63 | 35.20 | Peak | 175 | 78 | VERTICAL |
| 4 | 5470.00 | 53.72 | 54.00 | -0.28 | 47.91 | 6.34 | 34.67 | 35.20 | Average | 175 | 78 | VERTICAL |
| 5 | 5499.70 | 108.16 | | | 102.30 | 6.36 | 34.70 | 35.20 | Peak | 175 | 78 | VERTICAL |
| 6 | 5506.64 | 96.95 | | | 91.08 | 6.36 | 34.71 | 35.20 | Average | 175 | 78 | VERTICAL |

Item 5, 6 are the fundamental frequency at 5510 MHz.

**Channel 110**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5453.21 | 53.87 | 54.00 | -0.13 | 48.11 | 6.33 | 34.63 | 35.20 | Average | 177 | 62 | VERTICAL |
| 2 | 5455.77 | 65.49 | 74.00 | -8.51 | 59.73 | 6.33 | 34.63 | 35.20 | Peak | 177 | 62 | VERTICAL |
| 3 | 5463.59 | 53.19 | 54.00 | -0.81 | 47.42 | 6.34 | 34.63 | 35.20 | Average | 177 | 62 | VERTICAL |
| 4 | 5464.23 | 68.73 | 74.00 | -5.27 | 62.96 | 6.34 | 34.63 | 35.20 | Peak | 177 | 62 | VERTICAL |
| 5 | 5553.21 | 103.99 | | | 98.06 | 6.38 | 34.75 | 35.20 | Average | 177 | 62 | VERTICAL |
| 6 | 5555.77 | 114.65 | | | 108.72 | 6.38 | 34.75 | 35.20 | Peak | 177 | 62 | VERTICAL |
| 7 | 5725.00 | 46.23 | 54.00 | -7.77 | 40.09 | 6.45 | 34.89 | 35.20 | Average | 177 | 62 | VERTICAL |
| 8 | 5738.46 | 59.60 | 74.00 | -14.40 | 53.46 | 6.45 | 34.89 | 35.20 | Peak | 177 | 62 | VERTICAL |

Item 5, 6 are the fundamental frequency at 5550 MHz.

**Channel 134**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5664.71 | 113.45 | | | 107.40 | 6.42 | 34.83 | 35.20 | Peak | 180 | 72 | VERTICAL |
| 2 | 5666.64 | 101.54 | | | 95.48 | 6.43 | 34.83 | 35.20 | Average | 180 | 72 | VERTICAL |
| 3 | 5728.17 | 69.31 | 74.00 | -4.69 | 63.17 | 6.45 | 34.89 | 35.20 | Peak | 180 | 72 | VERTICAL |
| 4 | 5746.44 | 53.98 | 54.00 | -0.02 | 47.83 | 6.45 | 34.90 | 35.20 | Average | 180 | 72 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5670 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT40 CH 151, 159 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 14, 2014 | Test Mode | Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi) |

**Channel 151**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5708.91 | 67.91 | 68.20 | -0.29 | 61.80 | 6.44 | 34.87 | 35.20 | Peak | 184 | 314 | VERTICAL |
| 2 | 5719.87 | 75.61 | 78.20 | -2.59 | 69.49 | 6.45 | 34.87 | 35.20 | Peak | 184 | 314 | VERTICAL |
| 3 | 5749.23 | 109.62 | | | 103.47 | 6.45 | 34.90 | 35.20 | Peak | 184 | 314 | VERTICAL |
| 4 | 5758.53 | 97.85 | | | 91.68 | 6.46 | 34.91 | 35.20 | Average | 184 | 314 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5755 MHz.

**Channel 159**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5711.80 | 67.31 | 68.20 | -0.89 | 61.20 | 6.44 | 34.87 | 35.20 | Peak | 187 | 328 | VERTICAL |
| 2 | 5719.87 | 70.02 | 78.20 | -8.18 | 63.90 | 6.45 | 34.87 | 35.20 | Peak | 187 | 328 | VERTICAL |
| 3 | 5791.47 | 103.93 | | | 97.72 | 6.47 | 34.94 | 35.20 | Average | 187 | 328 | VERTICAL |
| 4 | 5791.47 | 115.33 | | | 109.12 | 6.47 | 34.94 | 35.20 | Peak | 187 | 328 | VERTICAL |
| 5 | 5850.32 | 76.92 | 78.20 | -1.28 | 70.65 | 6.49 | 34.98 | 35.20 | Peak | 187 | 328 | VERTICAL |
| 6 | 5860.32 | 67.96 | 68.20 | -0.24 | 61.67 | 6.50 | 34.99 | 35.20 | Peak | 187 | 328 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5795 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT80 CH 42, 58, 106 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 13, 2014 | Test Mode | Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi) |

**Channel 42**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5148.46 | 67.66 | 74.00 | -6.34 | 62.72 | 6.13 | 34.01 | 35.20 | Peak | 186 | 147 | VERTICAL |
| 2 | 5148.94 | 53.96 | 54.00 | -0.04 | 49.02 | 6.13 | 34.01 | 35.20 | Average | 186 | 147 | VERTICAL |
| 3 | 5198.46 | 95.48 | | | 90.41 | 6.16 | 34.11 | 35.20 | Average | 186 | 147 | VERTICAL |
| 4 | 5213.85 | 105.86 | | | 100.74 | 6.17 | 34.15 | 35.20 | Peak | 186 | 147 | VERTICAL |
| 5 | 5350.00 | 45.16 | 54.00 | -8.84 | 39.68 | 6.26 | 34.42 | 35.20 | Average | 186 | 147 | VERTICAL |
| 6 | 5350.00 | 56.56 | 74.00 | -17.44 | 51.08 | 6.26 | 34.42 | 35.20 | Peak | 186 | 147 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5210 MHz.

**Channel 58**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5144.81 | 57.30 | 74.00 | -16.70 | 52.36 | 6.13 | 34.01 | 35.20 | Peak | 184 | 152 | VERTICAL |
| 2 | 5150.00 | 45.34 | 54.00 | -8.66 | 40.40 | 6.13 | 34.01 | 35.20 | Average | 184 | 152 | VERTICAL |
| 3 | 5263.56 | 107.19 | | | 101.93 | 6.21 | 34.25 | 35.20 | Peak | 184 | 152 | VERTICAL |
| 4 | 5264.04 | 97.00 | | | 91.74 | 6.21 | 34.25 | 35.20 | Average | 184 | 152 | VERTICAL |
| 5 | 5353.94 | 68.33 | 74.00 | -5.67 | 62.85 | 6.26 | 34.42 | 35.20 | Peak | 184 | 152 | VERTICAL |
| 6 | 5354.42 | 53.77 | 54.00 | -0.23 | 48.29 | 6.26 | 34.42 | 35.20 | Average | 184 | 152 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5290 MHz.

**Channel 106**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5458.53 | 53.11 | 54.00 | -0.89 | 47.35 | 6.33 | 34.63 | 35.20 | Average | 184 | 37 | VERTICAL |
| 2 | 5458.53 | 67.06 | 74.00 | -6.94 | 61.30 | 6.33 | 34.63 | 35.20 | Peak | 184 | 37 | VERTICAL |
| 3 | 5468.46 | 68.07 | 74.00 | -5.93 | 62.26 | 6.34 | 34.67 | 35.20 | Peak | 184 | 37 | VERTICAL |
| 4 | 5469.10 | 53.78 | 54.00 | -0.22 | 47.97 | 6.34 | 34.67 | 35.20 | Average | 184 | 37 | VERTICAL |
| 5 | 5558.53 | 95.56 | | | 89.63 | 6.38 | 34.75 | 35.20 | Average | 184 | 37 | VERTICAL |
| 6 | 5558.85 | 106.20 | | | 100.27 | 6.38 | 34.75 | 35.20 | Peak | 184 | 37 | VERTICAL |

Item 5, 6 are the fundamental frequency at 5530 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT80 CH, 122, 138, 155 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 13, 2014 | Test Mode | Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi) |

**Channel 122**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5452.79 | 65.58 | 74.00 | -8.42 | 59.82 | 6.33 | 34.63 | 35.20 | Peak | 175 | 67 | VERTICAL |
| 2 | 5458.40 | 49.56 | 54.00 | -4.44 | 43.80 | 6.33 | 34.63 | 35.20 | Average | 175 | 67 | VERTICAL |
| 3 | 5464.39 | 66.97 | 68.20 | -1.23 | 61.20 | 6.34 | 34.63 | 35.20 | Peak | 175 | 67 | VERTICAL |
| 4 | 5622.82 | 113.07 | | | 107.05 | 6.41 | 34.81 | 35.20 | Peak | 175 | 67 | VERTICAL |
| 5 | 5638.85 | 102.85 | | | 96.82 | 6.41 | 34.82 | 35.20 | Average | 175 | 67 | VERTICAL |
| 6 | 5737.82 | 68.16 | 68.20 | -0.04 | 62.02 | 6.45 | 34.89 | 35.20 | Peak | 175 | 67 | VERTICAL |

Item 4, 5 are the fundamental frequency at 5610 MHz.

**Channel 138**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5705.22 | 104.37 | | | 98.27 | 6.44 | 34.86 | 35.20 | Average | 186 | 46 | VERTICAL |
| 2 | 5705.22 | 114.43 | | | 108.33 | 6.44 | 34.86 | 35.20 | Peak | 186 | 46 | VERTICAL |
| 3 | 5850.00 | 49.10 | 54.00 | -4.90 | 42.83 | 6.49 | 34.98 | 35.20 | Average | 186 | 46 | VERTICAL |
| 4 | 5870.83 | 61.24 | 74.00 | -12.76 | 54.95 | 6.50 | 34.99 | 35.20 | Peak | 186 | 46 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5690 MHz.

**Channel 155**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5707.79 | 68.02 | 68.20 | -0.18 | 61.91 | 6.44 | 34.87 | 35.20 | Peak | 182 | 207 | VERTICAL |
| 2 | 5716.19 | 69.61 | 78.20 | -8.59 | 63.50 | 6.44 | 34.87 | 35.20 | Peak | 182 | 207 | VERTICAL |
| 3 | 5767.79 | 95.31 | | | 89.14 | 6.46 | 34.91 | 35.20 | Average | 182 | 207 | VERTICAL |
| 4 | 5772.60 | 106.21 | | | 100.04 | 6.46 | 34.91 | 35.20 | Peak | 182 | 207 | VERTICAL |
| 5 | 5852.40 | 65.54 | 78.20 | -12.66 | 59.27 | 6.49 | 34.98 | 35.20 | Peak | 182 | 207 | VERTICAL |
| 6 | 5861.60 | 63.93 | 68.20 | -4.27 | 57.64 | 6.50 | 34.99 | 35.20 | Peak | 182 | 207 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5775 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT80 CH 42, 58, 106 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 14, 2014 | Test Mode | Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi) |

**Channel 42**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5142.69 | 53.76 | 54.00 | -0.24 | 48.85 | 6.13 | 33.98 | 35.20 | Average | 195 | 254 | VERTICAL |
| 2 | 5143.33 | 70.37 | 74.00 | -3.63 | 65.43 | 6.13 | 34.01 | 35.20 | Peak | 195 | 254 | VERTICAL |
| 3 | 5197.82 | 92.13 | | | 87.06 | 6.16 | 34.11 | 35.20 | Average | 195 | 254 | VERTICAL |
| 4 | 5217.69 | 105.98 | | | 100.86 | 6.17 | 34.15 | 35.20 | Peak | 195 | 254 | VERTICAL |
| 5 | 5350.39 | 44.63 | 54.00 | -9.37 | 39.15 | 6.26 | 34.42 | 35.20 | Average | 195 | 254 | VERTICAL |
| 6 | 5362.18 | 57.14 | 74.00 | -16.86 | 51.65 | 6.27 | 34.42 | 35.20 | Peak | 195 | 254 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5210 MHz.

**Channel 58**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5257.95 | 91.96 | | | 86.74 | 6.20 | 34.22 | 35.20 | Average | 181 | 314 | VERTICAL |
| 2 | 5262.44 | 107.91 | | | 102.68 | 6.21 | 34.22 | 35.20 | Peak | 181 | 314 | VERTICAL |
| 3 | 5352.82 | 53.78 | 54.00 | -0.22 | 48.30 | 6.26 | 34.42 | 35.20 | Average | 181 | 314 | VERTICAL |
| 4 | 5362.82 | 70.92 | 74.00 | -3.08 | 65.43 | 6.27 | 34.42 | 35.20 | Peak | 181 | 314 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5290 MHz.

**Channel 106**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5453.59 | 68.37 | 74.00 | -5.63 | 62.61 | 6.33 | 34.63 | 35.20 | Peak | 190 | 308 | VERTICAL |
| 2 | 5458.40 | 52.69 | 54.00 | -1.31 | 46.93 | 6.33 | 34.63 | 35.20 | Average | 190 | 308 | VERTICAL |
| 3 | 5463.59 | 70.10 | 74.00 | -3.90 | 64.33 | 6.34 | 34.63 | 35.20 | Peak | 190 | 308 | VERTICAL |
| 4 | 5467.60 | 53.79 | 54.00 | -0.21 | 47.98 | 6.34 | 34.67 | 35.20 | Average | 190 | 308 | VERTICAL |
| 5 | 5553.24 | 91.52 | | | 85.59 | 6.38 | 34.75 | 35.20 | Average | 190 | 308 | VERTICAL |
| 6 | 5554.04 | 104.73 | | | 98.80 | 6.38 | 34.75 | 35.20 | Peak | 190 | 308 | VERTICAL |
| 7 | 5725.00 | 57.37 | 74.00 | -16.63 | 51.23 | 6.45 | 34.89 | 35.20 | Peak | 190 | 308 | VERTICAL |
| 8 | 5725.80 | 45.27 | 54.00 | -8.73 | 39.13 | 6.45 | 34.89 | 35.20 | Average | 190 | 308 | VERTICAL |

Item 5, 6 are the fundamental frequency at 5530 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT80 CH, 122, 138, 155 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Nov. 14, 2014 | Test Mode | Mode 2 (Ant. 3 Omnidirectional antenna / 6.7dBi) |

**Channel 122**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5454.23 | 67.32 | 74.00 | -6.68 | 61.56 | 6.33 | 34.63 | 35.20 | Peak | 188 | 307 | VERTICAL |
| 2 | 5459.36 | 49.95 | 54.00 | -4.05 | 44.19 | 6.33 | 34.63 | 35.20 | Average | 188 | 307 | VERTICAL |
| 3 | 5468.08 | 67.41 | 74.00 | -6.59 | 61.60 | 6.34 | 34.67 | 35.20 | Peak | 188 | 307 | VERTICAL |
| 4 | 5470.00 | 50.81 | 54.00 | -3.19 | 45.00 | 6.34 | 34.67 | 35.20 | Average | 188 | 307 | VERTICAL |
| 5 | 5626.03 | 113.19 | | | 107.17 | 6.41 | 34.81 | 35.20 | Peak | 188 | 307 | VERTICAL |
| 6 | 5633.72 | 98.29 | | | 92.27 | 6.41 | 34.81 | 35.20 | Average | 188 | 307 | VERTICAL |
| 7 | 5725.00 | 53.85 | 54.00 | -0.15 | 47.71 | 6.45 | 34.89 | 35.20 | Average | 188 | 307 | VERTICAL |
| 8 | 5725.00 | 69.03 | 74.00 | -4.97 | 62.89 | 6.45 | 34.89 | 35.20 | Peak | 188 | 307 | VERTICAL |

Item 5, 6 are the fundamental frequency at 5610 MHz.

**Channel 138**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5664.36 | 113.44 | | | 107.39 | 6.42 | 34.83 | 35.20 | Peak | 184 | 312 | VERTICAL |
| 2 | 5713.24 | 98.74 | | | 92.63 | 6.44 | 34.87 | 35.20 | Average | 184 | 312 | VERTICAL |
| 3 | 5850.00 | 47.20 | 54.00 | -6.80 | 40.93 | 6.49 | 34.98 | 35.20 | Average | 184 | 312 | VERTICAL |
| 4 | 5851.06 | 59.39 | 74.00 | -14.61 | 53.12 | 6.49 | 34.98 | 35.20 | Peak | 184 | 312 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5690 MHz.

**Channel 155**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5707.79 | 67.99 | 68.20 | -0.21 | 61.88 | 6.44 | 34.87 | 35.20 | Peak | 191 | 63 | VERTICAL |
| 2 | 5717.79 | 69.26 | 78.20 | -8.94 | 63.14 | 6.45 | 34.87 | 35.20 | Peak | 191 | 63 | VERTICAL |
| 3 | 5747.76 | 104.57 | | | 98.42 | 6.45 | 34.90 | 35.20 | Peak | 191 | 63 | VERTICAL |
| 4 | 5778.21 | 90.63 | | | 84.44 | 6.46 | 34.93 | 35.20 | Average | 191 | 63 | VERTICAL |
| 5 | 5851.60 | 64.20 | 78.20 | -14.00 | 57.93 | 6.49 | 34.98 | 35.20 | Peak | 191 | 63 | VERTICAL |
| 6 | 5868.75 | 64.06 | 68.20 | -4.14 | 57.77 | 6.50 | 34.99 | 35.20 | Peak | 191 | 63 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5775 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 36, 40, 48 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Dec. 05, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

**Channel 36**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5101.09 | 53.76 | 54.00 | -0.24 | 50.92 | 4.31 | 33.06 | 34.53 | Average | 355 | 183 | VERTICAL |
| 2 | 5101.66 | 64.44 | 74.00 | -9.56 | 61.60 | 4.31 | 33.06 | 34.53 | Peak | 355 | 183 | VERTICAL |
| 3 | 5181.16 | 111.66 | | | 108.64 | 4.36 | 33.19 | 34.53 | Peak | 355 | 183 | VERTICAL |
| 4 | 5181.16 | 101.93 | | | 98.91 | 4.36 | 33.19 | 34.53 | Average | 355 | 183 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5180 MHz.

**Channel 40**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5121.35 | 64.80 | 74.00 | -9.20 | 61.92 | 4.32 | 33.09 | 34.53 | Peak | 353 | 192 | VERTICAL |
| 2 | 5121.35 | 53.94 | 54.00 | -0.06 | 51.06 | 4.32 | 33.09 | 34.53 | Average | 353 | 192 | VERTICAL |
| 3 | 5201.16 | 102.20 | | | 99.14 | 4.37 | 33.22 | 34.53 | Average | 353 | 192 | VERTICAL |
| 4 | 5202.03 | 112.43 | | | 109.37 | 4.37 | 33.22 | 34.53 | Peak | 353 | 192 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5200 MHz.

**Channel 48**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5150.00 | 62.44 | 74.00 | -11.56 | 59.49 | 4.34 | 33.14 | 34.53 | Peak | 353 | 196 | VERTICAL |
| 2 | 5150.00 | 50.35 | 54.00 | -3.65 | 47.40 | 4.34 | 33.14 | 34.53 | Average | 353 | 196 | VERTICAL |
| 3 | 5240.87 | 123.59 | | | 120.46 | 4.39 | 33.27 | 34.53 | Peak | 353 | 196 | VERTICAL |
| 4 | 5241.45 | 114.30 | | | 111.17 | 4.39 | 33.27 | 34.53 | Average | 353 | 196 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5240 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Dec. 06, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

**Channel 52**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5258.55 | 123.03 | | | 119.81 | 4.42 | 33.33 | 34.53 | Peak | 355 | 192 | VERTICAL |
| 2 | 5259.13 | 114.09 | | | 110.87 | 4.42 | 33.33 | 34.53 | Average | 355 | 192 | VERTICAL |
| 3 | 5350.00 | 48.57 | 54.00 | -5.43 | 45.17 | 4.47 | 33.46 | 34.53 | Average | 355 | 192 | VERTICAL |
| 4 | 5350.87 | 60.76 | 74.00 | -13.24 | 57.36 | 4.47 | 33.46 | 34.53 | Peak | 355 | 192 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5260 MHz.

**Channel 60**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5300.87 | 114.86 | | | 111.57 | 4.44 | 33.38 | 34.53 | Peak | 354 | 194 | VERTICAL |
| 2 | 5301.16 | 104.80 | | | 101.51 | 4.44 | 33.38 | 34.53 | Average | 354 | 194 | VERTICAL |
| 3 | 5381.26 | 53.98 | 54.00 | -0.02 | 50.51 | 4.49 | 33.51 | 34.53 | Average | 354 | 194 | VERTICAL |
| 4 | 5381.55 | 65.23 | 74.00 | -8.77 | 61.76 | 4.49 | 33.51 | 34.53 | Peak | 354 | 194 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5300 MHz.

**Channel 64**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5318.84 | 114.67 | | | 111.34 | 4.45 | 33.41 | 34.53 | Peak | 356 | 200 | VERTICAL |
| 2 | 5319.13 | 104.23 | | | 100.90 | 4.45 | 33.41 | 34.53 | Average | 356 | 200 | VERTICAL |
| 3 | 5398.63 | 64.89 | 74.00 | -9.11 | 61.38 | 4.50 | 33.54 | 34.53 | Peak | 356 | 200 | VERTICAL |
| 4 | 5398.91 | 53.95 | 54.00 | -0.05 | 50.44 | 4.50 | 33.54 | 34.53 | Average | 356 | 200 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5320 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 100, 140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Dec. 06, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

**Channel 100**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5418.32 | 53.76 | 54.00 | -0.24 | 50.20 | 4.52 | 33.57 | 34.53 | Average | 357 | 191 | VERTICAL |
| 2 | 5419.19 | 64.72 | 74.00 | -9.28 | 61.16 | 4.52 | 33.57 | 34.53 | Peak | 357 | 191 | VERTICAL |
| 3 | 5461.32 | 58.48 | 74.00 | -15.52 | 54.85 | 4.54 | 33.62 | 34.53 | Peak | 357 | 191 | VERTICAL |
| 4 | 5467.40 | 44.57 | 54.00 | -9.43 | 40.90 | 4.55 | 33.65 | 34.53 | Average | 357 | 191 | VERTICAL |
| 5 | 5498.26 | 112.80 | | | 109.06 | 4.57 | 33.70 | 34.53 | Peak | 357 | 191 | VERTICAL |
| 6 | 5498.84 | 101.76 | | | 98.02 | 4.57 | 33.70 | 34.53 | Average | 357 | 191 | VERTICAL |

Item 5, 6 are the fundamental frequency at 5500 MHz.

**Channel 140**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5697.11 | 101.01 | | | 96.61 | 4.70 | 34.27 | 34.57 | Average | 358 | 197 | VERTICAL |
| 2 | 5698.26 | 112.08 | | | 107.68 | 4.70 | 34.27 | 34.57 | Peak | 358 | 197 | VERTICAL |
| 3 | 5777.68 | 66.95 | 74.00 | -7.05 | 62.25 | 4.75 | 34.53 | 34.58 | Peak | 358 | 197 | VERTICAL |
| 4 | 5777.68 | 53.74 | 54.00 | -0.26 | 49.04 | 4.75 | 34.53 | 34.58 | Average | 358 | 197 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5700 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11a CH 149, 157, 165 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Dec. 06, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

**Channel 149**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5662.03 | 67.87 | 68.20 | -0.33 | 63.59 | 4.67 | 34.17 | 34.56 | Peak | 358 | 193 | VERTICAL |
| 2 | 5724.71 | 78.14 | 78.20 | -0.06 | 73.63 | 4.72 | 34.37 | 34.58 | Peak | 358 | 193 | VERTICAL |
| 3 | 5742.11 | 107.16 | | | 102.59 | 4.73 | 34.42 | 34.58 | Average | 358 | 193 | VERTICAL |
| 4 | 5743.26 | 116.71 | | | 112.14 | 4.73 | 34.42 | 34.58 | Peak | 358 | 193 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5745 MHz.

**Channel 157**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5712.40 | 68.15 | 68.20 | -0.05 | 63.70 | 4.71 | 34.32 | 34.58 | Peak | 359 | 196 | VERTICAL |
| 2 | 5722.68 | 59.42 | 78.20 | -18.78 | 54.91 | 4.72 | 34.37 | 34.58 | Peak | 359 | 196 | VERTICAL |
| 3 | 5782.11 | 107.74 | | | 103.05 | 4.75 | 34.53 | 34.59 | Average | 359 | 196 | VERTICAL |
| 4 | 5783.26 | 117.51 | | | 112.82 | 4.75 | 34.53 | 34.59 | Peak | 359 | 196 | VERTICAL |
| 5 | 5859.71 | 63.21 | 78.20 | -14.99 | 58.21 | 4.81 | 34.79 | 34.60 | Peak | 359 | 196 | VERTICAL |
| 6 | 5863.31 | 67.97 | 68.20 | -0.23 | 62.97 | 4.81 | 34.79 | 34.60 | Peak | 359 | 196 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5785 MHz.

**Channel 165**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5822.11 | 107.81 | | | 102.94 | 4.79 | 34.68 | 34.60 | Average | 358 | 196 | VERTICAL |
| 2 | 5823.26 | 117.69 | | | 112.82 | 4.79 | 34.68 | 34.60 | Peak | 358 | 196 | VERTICAL |
| 3 | 5851.16 | 65.95 | 78.20 | -12.25 | 61.02 | 4.80 | 34.73 | 34.60 | Peak | 358 | 196 | VERTICAL |
| 4 | 5902.55 | 68.06 | 68.20 | -0.14 | 62.95 | 4.83 | 34.89 | 34.61 | Peak | 358 | 196 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5825 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 36, 40, 48 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Dec. 07, 2014 / Dec. 11, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

**Channel 36**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5097.60 | 65.17 | 74.00 | -8.83 | 60.36 | 6.10 | 33.91 | 35.20 | Peak | 148 | 3 | VERTICAL |
| 2 | 5102.80 | 53.87 | 54.00 | -0.13 | 49.06 | 6.10 | 33.91 | 35.20 | Average | 148 | 3 | VERTICAL |
| 3 | 5181.20 | 111.37 | | | 106.34 | 6.15 | 34.08 | 35.20 | Peak | 148 | 3 | VERTICAL |
| 4 | 5182.80 | 101.15 | | | 96.12 | 6.15 | 34.08 | 35.20 | Average | 148 | 3 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5180 MHz.

**Channel 40**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5118.80 | 53.77 | 54.00 | -0.23 | 48.92 | 6.11 | 33.94 | 35.20 | Average | 177 | 357 | VERTICAL |
| 2 | 5126.40 | 64.91 | 74.00 | -10.09 | 60.01 | 6.12 | 33.98 | 35.20 | Peak | 177 | 357 | VERTICAL |
| 3 | 5198.80 | 101.90 | | | 96.83 | 6.16 | 34.11 | 35.20 | Average | 177 | 357 | VERTICAL |
| 4 | 5206.00 | 112.76 | | | 107.69 | 6.16 | 34.11 | 35.20 | Peak | 177 | 357 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5200 MHz.

**Channel 48**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5150.00 | 61.62 | 74.00 | -12.38 | 58.67 | 4.34 | 33.14 | 34.53 | Peak | 360 | 173 | VERTICAL |
| 2 | 5150.00 | 49.78 | 54.00 | -4.22 | 46.83 | 4.34 | 33.14 | 34.53 | Average | 360 | 173 | VERTICAL |
| 3 | 5238.84 | 107.68 | | | 104.55 | 4.39 | 33.27 | 34.53 | Average | 360 | 173 | VERTICAL |
| 4 | 5242.60 | 122.34 | | | 119.17 | 4.40 | 33.30 | 34.53 | Peak | 360 | 173 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5240 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Dec. 07, 2014 / Dec. 11, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

**Channel 52**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5258.84 | 107.33 | | | 104.11 | 4.42 | 33.33 | 34.53 | Average | 0 | 192 | VERTICAL |
| 2 | 5263.76 | 121.64 | | | 118.42 | 4.42 | 33.33 | 34.53 | Peak | 0 | 192 | VERTICAL |
| 3 | 5350.00 | 59.90 | 74.00 | -14.10 | 56.50 | 4.47 | 33.46 | 34.53 | Peak | 0 | 192 | VERTICAL |
| 4 | 5350.00 | 48.59 | 54.00 | -5.41 | 45.19 | 4.47 | 33.46 | 34.53 | Average | 0 | 192 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5260 MHz.

**Channel 60**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5297.60 | 104.02 | | | 98.67 | 6.23 | 34.32 | 35.20 | Average | 166 | 3 | VERTICAL |
| 2 | 5297.60 | 115.21 | | | 109.86 | 6.23 | 34.32 | 35.20 | Peak | 166 | 3 | VERTICAL |
| 3 | 5387.60 | 64.67 | 74.00 | -9.33 | 59.10 | 6.28 | 34.49 | 35.20 | Peak | 166 | 3 | VERTICAL |
| 4 | 5388.00 | 53.80 | 54.00 | -0.20 | 48.23 | 6.28 | 34.49 | 35.20 | Average | 166 | 3 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5300 MHz.

**Channel 64**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5318.20 | 103.01 | | | 97.61 | 6.24 | 34.36 | 35.20 | Average | 186 | 7 | VERTICAL |
| 2 | 5318.80 | 113.47 | | | 108.07 | 6.24 | 34.36 | 35.20 | Peak | 186 | 7 | VERTICAL |
| 3 | 5398.60 | 53.88 | 54.00 | -0.12 | 48.30 | 6.29 | 34.49 | 35.20 | Average | 186 | 7 | VERTICAL |
| 4 | 5398.60 | 63.86 | 74.00 | -10.14 | 58.28 | 6.29 | 34.49 | 35.20 | Peak | 186 | 7 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5320 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Dec. 11, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

**Channel 100**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5412.00 | 53.89 | 54.00 | -0.11 | 48.25 | 6.31 | 34.53 | 35.20 | Average | 173 | 1 | VERTICAL |
| 2 | 5417.20 | 64.98 | 74.00 | -9.02 | 59.31 | 6.31 | 34.56 | 35.20 | Peak | 173 | 1 | VERTICAL |
| 3 | 5462.00 | 60.26 | 74.00 | -13.74 | 54.50 | 6.33 | 34.63 | 35.20 | Peak | 173 | 1 | VERTICAL |
| 4 | 5466.80 | 46.81 | 54.00 | -7.19 | 41.04 | 6.34 | 34.63 | 35.20 | Average | 173 | 1 | VERTICAL |
| 5 | 5498.80 | 112.57 | | | 106.71 | 6.36 | 34.70 | 35.20 | Peak | 173 | 1 | VERTICAL |
| 6 | 5502.40 | 101.23 | | | 95.36 | 6.36 | 34.71 | 35.20 | Average | 173 | 1 | VERTICAL |

Item 5, 6 are the fundamental frequency at 5500 MHz.

**Channel 140**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | A/Pos | T/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | cm | deg | |
| 1 | 5702.40 | 115.75 | | | 109.65 | 6.44 | 34.86 | 35.20 | Peak | 156 | 0 | VERTICAL |
| 2 | 5707.20 | 104.69 | | | 98.58 | 6.44 | 34.87 | 35.20 | Average | 156 | 0 | VERTICAL |
| 3 | 5725.00 | 67.86 | 68.20 | -0.34 | 61.72 | 6.45 | 34.89 | 35.20 | Peak | 160 | 0 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5700 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 149, 157, 165 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Dec. 07, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

**Channel 149**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5668.69 | 67.42 | 68.20 | -0.78 | 63.08 | 4.68 | 34.22 | 34.56 | Peak | 0 | 179 | VERTICAL |
| 2 | 5722.97 | 78.07 | 78.20 | -0.13 | 73.56 | 4.72 | 34.37 | 34.58 | Peak | 0 | 179 | VERTICAL |
| 3 | 5743.84 | 116.24 | | | 111.67 | 4.73 | 34.42 | 34.58 | Peak | 0 | 179 | VERTICAL |
| 4 | 5743.84 | 100.84 | | | 96.27 | 4.73 | 34.42 | 34.58 | Average | 0 | 179 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5745 MHz.

**Channel 157**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5698.79 | 67.77 | 68.20 | -0.43 | 63.37 | 4.70 | 34.27 | 34.57 | Peak | 0 | 188 | VERTICAL |
| 2 | 5722.97 | 61.56 | 78.20 | -16.64 | 57.05 | 4.72 | 34.37 | 34.58 | Peak | 0 | 188 | VERTICAL |
| 3 | 5783.84 | 114.47 | | | 109.78 | 4.75 | 34.53 | 34.59 | Peak | 0 | 188 | VERTICAL |
| 4 | 5786.16 | 100.79 | | | 96.04 | 4.76 | 34.58 | 34.59 | Average | 0 | 188 | VERTICAL |
| 5 | 5850.00 | 61.33 | 78.20 | -16.87 | 56.40 | 4.80 | 34.73 | 34.60 | Peak | 0 | 188 | VERTICAL |
| 6 | 5863.60 | 66.90 | 68.20 | -1.30 | 61.90 | 4.81 | 34.79 | 34.60 | Peak | 0 | 188 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5785 MHz.

**Channel 165**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5823.84 | 116.35 | | | 111.48 | 4.79 | 34.68 | 34.60 | Peak | 0 | 171 | VERTICAL |
| 2 | 5826.45 | 102.14 | | | 97.27 | 4.79 | 34.68 | 34.60 | Average | 0 | 171 | VERTICAL |
| 3 | 5850.00 | 72.91 | 78.20 | -5.29 | 67.98 | 4.80 | 34.73 | 34.60 | Peak | 0 | 171 | VERTICAL |
| 4 | 5903.13 | 68.03 | 68.20 | -0.17 | 62.92 | 4.83 | 34.89 | 34.61 | Peak | 0 | 171 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5825 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 36, 40, 48 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Dec. 08, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

**Channel 36**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5102.24 | 53.60 | 54.00 | -0.40 | 50.84 | 4.23 | 33.06 | 34.53 | Average | 5 | 100 | VERTICAL |
| 2 | 5105.14 | 64.85 | 74.00 | -9.15 | 62.09 | 4.23 | 33.06 | 34.53 | Peak | 5 | 100 | VERTICAL |
| 3 | 5178.55 | 112.80 | | | 109.87 | 4.27 | 33.19 | 34.53 | Peak | 5 | 100 | VERTICAL |
| 4 | 5182.03 | 101.66 | | | 98.73 | 4.27 | 33.19 | 34.53 | Average | 5 | 100 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5180 MHz.

**Channel 40**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5119.61 | 64.92 | 74.00 | -9.08 | 62.12 | 4.24 | 33.09 | 34.53 | Peak | 4 | 150 | VERTICAL |
| 2 | 5122.21 | 53.86 | 54.00 | -0.14 | 51.06 | 4.24 | 33.09 | 34.53 | Average | 4 | 150 | VERTICAL |
| 3 | 5202.03 | 103.04 | | | 100.07 | 4.28 | 33.22 | 34.53 | Average | 4 | 150 | VERTICAL |
| 4 | 5204.34 | 114.88 | | | 111.91 | 4.28 | 33.22 | 34.53 | Peak | 4 | 150 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5200 MHz.

**Channel 48**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5113.97 | 62.61 | 74.00 | -11.39 | 59.81 | 4.24 | 33.09 | 34.53 | Peak | 0 | 176 | VERTICAL |
| 2 | 5126.12 | 49.57 | 54.00 | -4.43 | 46.74 | 4.25 | 33.11 | 34.53 | Average | 0 | 176 | VERTICAL |
| 3 | 5233.49 | 111.08 | | | 108.04 | 4.30 | 33.27 | 34.53 | Average | 0 | 176 | VERTICAL |
| 4 | 5235.66 | 121.81 | | | 118.77 | 4.30 | 33.27 | 34.53 | Peak | 0 | 176 | VERTICAL |
| 5 | 5351.74 | 48.20 | 54.00 | -5.80 | 44.92 | 4.35 | 33.46 | 34.53 | Average | 0 | 176 | VERTICAL |
| 6 | 5354.78 | 59.96 | 74.00 | -14.04 | 56.68 | 4.35 | 33.46 | 34.53 | Peak | 0 | 176 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5240 MHz.

| Temperature | 24.5°C | Humidity | 57% |
|---|---|---|---|
| Test Engineer | Akina Chiu | Configurations | IEEE 802.11ac MCS0/Nss3 VHT20 CH 52, 60, 64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Dec. 08, 2014 | Test Mode | Mode 3 (Ant. 4 Panel antenna / 9.2dBi) |

**Channel 52**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5141.75 | 61.87 | 74.00 | -12.13 | 59.00 | 4.26 | 33.14 | 34.53 | Peak | 5 | 145 | VERTICAL |
| 2 | 5148.26 | 49.72 | 54.00 | -4.28 | 46.85 | 4.26 | 33.14 | 34.53 | Average | 5 | 145 | VERTICAL |
| 3 | 5262.17 | 112.19 | | | 109.08 | 4.31 | 33.33 | 34.53 | Average | 5 | 145 | VERTICAL |
| 4 | 5264.34 | 123.05 | | | 119.94 | 4.31 | 33.33 | 34.53 | Peak | 5 | 145 | VERTICAL |
| 5 | 5371.71 | 48.07 | 54.00 | -5.93 | 44.75 | 4.36 | 33.49 | 34.53 | Average | 5 | 145 | VERTICAL |
| 6 | 5376.92 | 60.45 | 74.00 | -13.55 | 57.13 | 4.36 | 33.49 | 34.53 | Peak | 5 | 145 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5260 MHz.

**Channel 60**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5297.68 | 104.96 | | | 101.78 | 4.33 | 33.38 | 34.53 | Average | 8 | 157 | VERTICAL |
| 2 | 5302.89 | 114.99 | | | 111.81 | 4.33 | 33.38 | 34.53 | Peak | 8 | 157 | VERTICAL |
| 3 | 5377.50 | 53.96 | 54.00 | -0.04 | 50.61 | 4.37 | 33.51 | 34.53 | Average | 8 | 157 | VERTICAL |
| 4 | 5382.42 | 65.37 | 74.00 | -8.63 | 62.02 | 4.37 | 33.51 | 34.53 | Peak | 8 | 157 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5300 MHz.

**Channel 64**

| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | Remark | T/Pos | A/Pos | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | | deg | cm | |
| 1 | 5317.68 | 105.30 | | | 102.09 | 4.33 | 33.41 | 34.53 | Average | 9 | 188 | VERTICAL |
| 2 | 5324.05 | 115.79 | | | 112.58 | 4.33 | 33.41 | 34.53 | Peak | 9 | 188 | VERTICAL |
| 3 | 5397.47 | 53.92 | 54.00 | -0.08 | 50.54 | 4.37 | 33.54 | 34.53 | Average | 9 | 188 | VERTICAL |
| 4 | 5398.91 | 65.23 | 74.00 | -8.77 | 61.85 | 4.37 | 33.54 | 34.53 | Peak | 9 | 188 | VERTICAL |

Item 1, 2 are the fundamental frequency at 5320 MHz.