| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 110 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (2TX) |

*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 | 11097.79 | 36.45 | 54.00 | -17.55 | 28.16 | 5.03 | 38.40 | 35.14 | Average | 100 | 195 | HORIZONTAL |
| 2 | 11100.03 | 50.75 | 74.00 | -23.25 | 42.46 | 5.03 | 38.40 | 35.14 | Peak | 100 | 195 | 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 | 11097.51 | 50.29 | 74.00 | -23.71 | 42.00 | 5.03 | 38.40 | 35.14 | Peak | 100 | 316 | VERTICAL |
| 2 | 11100.48 | 36.46 | 54.00 | -17.54 | 28.17 | 5.03 | 38.40 | 35.14 | Average | 100 | 316 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 134 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (2TX) |

*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 | 11341.29 | 50.32 | 74.00 | -23.68 | 41.84 | 5.09 | 38.63 | 35.24 | Peak | 100 | 140 | HORIZONTAL |
| 2 | 11342.18 | 36.55 | 54.00 | -17.45 | 28.07 | 5.09 | 38.63 | 35.24 | Average | 100 | 140 | 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 | 11338.88 | 50.30 | 74.00 | -23.70 | 41.83 | 5.08 | 38.63 | 35.24 | Peak | 100 | 220 | VERTICAL |
| 2 | 11342.20 | 36.55 | 54.00 | -17.45 | 28.07 | 5.09 | 38.63 | 35.24 | Average | 100 | 220 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 54 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (3TX) |

*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 | 15809.03 | 50.04 | 74.00 | -23.96 | 41.94 | 6.14 | 37.39 | 35.43 | Peak | 100 | 124 | HORIZONTAL |
| 2 | 15810.96 | 36.97 | 54.00 | -17.03 | 28.89 | 6.14 | 37.37 | 35.43 | Average | 100 | 124 | 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 | 15811.43 | 37.02 | 54.00 | -16.98 | 28.94 | 6.14 | 37.37 | 35.43 | Average | 100 | 223 | VERTICAL |
| 2 | 15811.52 | 49.73 | 74.00 | -24.27 | 41.65 | 6.14 | 37.37 | 35.43 | Peak | 100 | 223 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 62 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (3TX) |

*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 | 10617.52 | 36.01 | 54.00 | -17.99 | 28.04 | 5.01 | 38.38 | 35.42 | Average | 100 | 204 | HORIZONTAL |
| 2 | 10619.51 | 49.39 | 74.00 | -24.61 | 41.42 | 5.01 | 38.38 | 35.42 | Peak | 100 | 204 | HORIZONTAL |
| 3 | 15927.97 | 35.95 | 54.00 | -18.05 | 27.97 | 6.15 | 37.27 | 35.44 | Average | 100 | 53 | HORIZONTAL |
| 4 | 15930.50 | 48.79 | 74.00 | -25.21 | 40.83 | 6.15 | 37.25 | 35.44 | Peak | 100 | 53 | 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 | 10619.50 | 35.96 | 54.00 | -18.04 | 27.99 | 5.01 | 38.38 | 35.42 | Average | 100 | 318 | VERTICAL |
| 2 | 10621.61 | 49.56 | 74.00 | -24.44 | 41.59 | 5.01 | 38.38 | 35.42 | Peak | 100 | 318 | VERTICAL |
| 3 | 15928.23 | 36.16 | 54.00 | -17.84 | 28.18 | 6.15 | 37.27 | 35.44 | Average | 100 | 222 | VERTICAL |
| 4 | 15930.58 | 48.94 | 74.00 | -25.06 | 40.98 | 6.15 | 37.25 | 35.44 | Peak | 100 | 222 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 102 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (3TX) |

*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 | 11017.95 | 36.52 | 54.00 | -17.48 | 28.28 | 5.02 | 38.33 | 35.11 | Average | 100 | 94 | HORIZONTAL |
| 2 | 11018.00 | 50.05 | 74.00 | -23.95 | 41.81 | 5.02 | 38.33 | 35.11 | Peak | 100 | 94 | 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 | 11021.51 | 49.72 | 74.00 | -24.28 | 41.49 | 5.02 | 38.32 | 35.11 | Peak | 100 | 316 | VERTICAL |
| 2 | 11022.36 | 36.54 | 54.00 | -17.46 | 28.30 | 5.02 | 38.33 | 35.11 | Average | 100 | 316 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 110 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (3TX) |

*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 | 11098.18 | 49.32 | 74.00 | -24.68 | 41.03 | 5.03 | 38.40 | 35.14 | Peak | 100 | 178 | HORIZONTAL |
| 2 | 11102.36 | 36.33 | 54.00 | -17.67 | 28.04 | 5.03 | 38.40 | 35.14 | Average | 100 | 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 | 11099.35 | 49.86 | 74.00 | -24.14 | 41.57 | 5.03 | 38.40 | 35.14 | Peak | 100 | 129 | VERTICAL |
| 2 | 11101.26 | 36.45 | 54.00 | -17.55 | 28.16 | 5.03 | 38.40 | 35.14 | Average | 100 | 129 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 134 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (3TX) |

*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 | 11341.88 | 36.66 | 54.00 | -17.34 | 28.18 | 5.09 | 38.63 | 35.24 | Average | 100 | 278 | HORIZONTAL |
| 2 | 11342.27 | 49.73 | 74.00 | -24.27 | 41.25 | 5.09 | 38.63 | 35.24 | Peak | 100 | 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 | 11337.59 | 36.79 | 54.00 | -17.21 | 28.32 | 5.08 | 38.63 | 35.24 | Average | 100 | 213 | VERTICAL |
| 2 | 11339.33 | 49.59 | 74.00 | -24.41 | 41.12 | 5.08 | 38.63 | 35.24 | Peak | 100 | 213 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 54 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (3TX) |

*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 | 15810.14 | 36.97 | 54.00 | -17.03 | 28.87 | 6.14 | 37.39 | 35.43 | Average | 100 | 131 | HORIZONTAL |
| 2 | 15812.08 | 49.80 | 74.00 | -24.20 | 41.72 | 6.14 | 37.37 | 35.43 | Peak | 100 | 131 | 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 | 15809.54 | 37.10 | 54.00 | -16.90 | 29.00 | 6.14 | 37.39 | 35.43 | Average | 100 | 294 | VERTICAL |
| 2 | 15810.14 | 50.10 | 74.00 | -23.90 | 42.00 | 6.14 | 37.39 | 35.43 | Peak | 100 | 294 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 62 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (3TX) |

*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 | 10618.74 | 48.94 | 74.00 | -25.06 | 40.97 | 5.01 | 38.38 | 35.42 | Peak | 100 | 331 | HORIZONTAL |
| 2 | 10618.90 | 35.94 | 54.00 | -18.06 | 27.97 | 5.01 | 38.38 | 35.42 | Average | 100 | 331 | HORIZONTAL |
| 3 | 15931.04 | 49.27 | 74.00 | -24.73 | 41.31 | 6.15 | 37.25 | 35.44 | Peak | 100 | 258 | HORIZONTAL |
| 4 | 15931.61 | 35.93 | 54.00 | -18.07 | 27.97 | 6.15 | 37.25 | 35.44 | Average | 100 | 258 | 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 | 10617.90 | 36.13 | 54.00 | -17.87 | 28.16 | 5.01 | 38.38 | 35.42 | Average | 100 | 186 | VERTICAL |
| 2 | 10618.17 | 49.63 | 74.00 | -24.37 | 41.66 | 5.01 | 38.38 | 35.42 | Peak | 100 | 186 | VERTICAL |
| 3 | 15930.09 | 49.35 | 74.00 | -24.65 | 41.39 | 6.15 | 37.25 | 35.44 | Peak | 100 | 354 | VERTICAL |
| 4 | 15932.39 | 35.97 | 54.00 | -18.03 | 28.01 | 6.15 | 37.25 | 35.44 | Average | 100 | 354 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 102 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (3TX) |

*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 | 11018.15 | 36.49 | 54.00 | -17.51 | 28.25 | 5.02 | 38.33 | 35.11 | Average | 100 | 231 | HORIZONTAL |
| 2 | 11020.86 | 49.98 | 74.00 | -24.02 | 41.74 | 5.02 | 38.33 | 35.11 | Peak | 100 | 231 | 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 | 11018.43 | 50.13 | 74.00 | -23.87 | 41.90 | 5.02 | 38.32 | 35.11 | Peak | 100 | 146 | VERTICAL |
| 2 | 11019.94 | 36.48 | 54.00 | -17.52 | 28.25 | 5.02 | 38.32 | 35.11 | Average | 100 | 146 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 110 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (3TX) |

*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 | 11097.51 | 36.52 | 54.00 | -17.48 | 28.23 | 5.03 | 38.40 | 35.14 | Average | 100 | 192 | HORIZONTAL |
| 2 | 11101.86 | 50.56 | 74.00 | -23.44 | 42.27 | 5.03 | 38.40 | 35.14 | Peak | 100 | 192 | 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 | 11100.07 | 49.91 | 74.00 | -24.09 | 41.62 | 5.03 | 38.40 | 35.14 | Peak | 100 | 88 | VERTICAL |
| 2 | 11101.08 | 36.47 | 54.00 | -17.53 | 28.18 | 5.03 | 38.40 | 35.14 | Average | 100 | 88 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 134 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (3TX) |

*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 | 11337.66 | 50.03 | 74.00 | -23.97 | 41.56 | 5.08 | 38.63 | 35.24 | Peak | 100 | 212 | HORIZONTAL |
| 2 | 11338.70 | 36.72 | 54.00 | -17.28 | 28.25 | 5.08 | 38.63 | 35.24 | Average | 100 | 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 | 11339.23 | 36.75 | 54.00 | -17.25 | 28.28 | 5.08 | 38.63 | 35.24 | Average | 100 | 134 | VERTICAL |
| 2 | 11340.64 | 49.60 | 74.00 | -24.40 | 41.12 | 5.09 | 38.63 | 35.24 | Peak | 100 | 134 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS16 40MHz Ch 54 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (3TX) |

*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 | 15809.58 | 50.52 | 74.00 | -23.48 | 42.42 | 6.14 | 37.39 | 35.43 | Peak | 100 | 237 | HORIZONTAL |
| 2 | 15810.04 | 37.04 | 54.00 | -16.96 | 28.94 | 6.14 | 37.39 | 35.43 | Average | 100 | 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 | 15810.63 | 49.89 | 74.00 | -24.11 | 41.81 | 6.14 | 37.37 | 35.43 | Peak | 100 | 332 | VERTICAL |
| 2 | 15810.84 | 37.19 | 54.00 | -16.81 | 29.11 | 6.14 | 37.37 | 35.43 | Average | 100 | 332 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS16 40MHz Ch 62 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (3TX) |

*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 | 10619.21 | 49.45 | 74.00 | -24.55 | 41.48 | 5.01 | 38.38 | 35.42 | Peak | 100 | 155 | HORIZONTAL |
| 2 | 10619.22 | 35.04 | 54.00 | -18.96 | 27.07 | 5.01 | 38.38 | 35.42 | Average | 100 | 155 | HORIZONTAL |
| 3 | 15929.29 | 49.14 | 74.00 | -24.86 | 41.16 | 6.15 | 37.27 | 35.44 | Peak | 100 | 201 | HORIZONTAL |
| 4 | 15930.87 | 36.08 | 54.00 | -17.92 | 28.12 | 6.15 | 37.25 | 35.44 | Average | 100 | 201 | 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 | 10619.73 | 35.09 | 54.00 | -18.91 | 27.12 | 5.01 | 38.38 | 35.42 | Average | 100 | 94 | VERTICAL |
| 2 | 10619.79 | 49.48 | 74.00 | -24.52 | 41.51 | 5.01 | 38.38 | 35.42 | Peak | 100 | 94 | VERTICAL |
| 3 | 15929.29 | 49.19 | 74.00 | -24.81 | 41.21 | 6.15 | 37.27 | 35.44 | Peak | 100 | 286 | VERTICAL |
| 4 | 15930.75 | 36.14 | 54.00 | -17.86 | 28.18 | 6.15 | 37.25 | 35.44 | Average | 100 | 286 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS16 40MHz Ch 102 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (3TX) |

*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 | 11019.15 | 35.61 | 54.00 | -18.39 | 27.37 | 5.02 | 38.33 | 35.11 | Average | 100 | 245 | HORIZONTAL |
| 2 | 11020.82 | 50.74 | 74.00 | -23.26 | 42.50 | 5.02 | 38.33 | 35.11 | Peak | 100 | 245 | 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 | 11020.74 | 50.52 | 74.00 | -23.48 | 42.29 | 5.02 | 38.32 | 35.11 | Peak | 100 | 125 | VERTICAL |
| 2 | 11020.90 | 35.55 | 54.00 | -18.45 | 27.32 | 5.02 | 38.32 | 35.11 | Average | 100 | 125 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS16 40MHz Ch 110 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (3TX) |

*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 | 11000.27 | 35.73 | 54.00 | -18.27 | 27.50 | 5.01 | 38.32 | 35.10 | Average | 100 | 300 | HORIZONTAL |
| 2 | 11000.63 | 51.05 | 74.00 | -22.95 | 42.82 | 5.01 | 38.32 | 35.10 | Peak | 100 | 300 | 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 | 10999.24 | 50.19 | 74.00 | -23.81 | 41.98 | 5.01 | 38.30 | 35.10 | Peak | 100 | 239 | VERTICAL |
| 2 | 11000.13 | 35.72 | 54.00 | -18.28 | 27.51 | 5.01 | 38.30 | 35.10 | Average | 100 | 239 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS16 40MHz Ch 134 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (3TX) |

*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 | 11339.07 | 50.62 | 74.00 | -23.38 | 42.15 | 5.08 | 38.63 | 35.24 | Peak | 100 | 95 | HORIZONTAL |
| 2 | 11339.51 | 35.80 | 54.00 | -18.20 | 27.33 | 5.08 | 38.63 | 35.24 | Average | 100 | 95 | 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 | 11339.54 | 35.80 | 54.00 | -18.20 | 27.33 | 5.08 | 38.63 | 35.24 | Average | 100 | 179 | VERTICAL |
| 2 | 11340.99 | 50.20 | 74.00 | -23.80 | 41.72 | 5.09 | 38.63 | 35.24 | Peak | 100 | 179 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 52 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (1TX) |

*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 | 15778.84 | 55.90 | 74.00 | -18.10 | 47.77 | 6.14 | 37.41 | 35.42 | Peak | 113 | 112 | HORIZONTAL |
| 2 | 15779.37 | 40.81 | 54.00 | -13.19 | 32.68 | 6.14 | 37.41 | 35.42 | Average | 113 | 112 | 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 | 15781.84 | 40.61 | 54.00 | -13.39 | 32.48 | 6.14 | 37.41 | 35.42 | Average | 100 | 213 | VERTICAL |
| 2 | 15782.15 | 53.29 | 74.00 | -20.71 | 45.16 | 6.14 | 37.41 | 35.42 | Peak | 100 | 213 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 60 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (1TX) |

*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 | 10600.01 | 36.04 | 54.00 | -17.96 | 28.07 | 5.01 | 38.38 | 35.42 | Average | 100 | 254 | HORIZONTAL |
| 2 | 10600.02 | 48.71 | 74.00 | -25.29 | 40.74 | 5.01 | 38.38 | 35.42 | Peak | 100 | 254 | 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 | 10600.01 | 36.56 | 54.00 | -17.44 | 28.59 | 5.01 | 38.38 | 35.42 | Average | 100 | 84 | VERTICAL |
| 2 | 10600.01 | 47.42 | 74.00 | -26.58 | 39.45 | 5.01 | 38.38 | 35.42 | Peak | 100 | 84 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 64 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (1TX) |

*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 | 10639.60 | 36.30 | 54.00 | -17.70 | 28.31 | 5.01 | 38.37 | 35.39 | Average | 100 | 296 | HORIZONTAL |
| 2 | 10640.07 | 48.71 | 74.00 | -25.29 | 40.72 | 5.01 | 38.37 | 35.39 | Peak | 100 | 296 | 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 | 10634.94 | 48.53 | 74.00 | -25.47 | 40.54 | 5.01 | 38.37 | 35.39 | Peak | 123 | 223 | VERTICAL |
| 2 | 10636.44 | 36.48 | 54.00 | -17.52 | 28.49 | 5.01 | 38.37 | 35.39 | Average | 123 | 223 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 100 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (1TX) |

*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 | 10999.64 | 36.30 | 54.00 | -17.70 | 28.07 | 5.01 | 38.32 | 35.10 | Average | 100 | 225 | HORIZONTAL |
| 2 | 11000.25 | 49.06 | 74.00 | -24.94 | 40.83 | 5.01 | 38.32 | 35.10 | Peak | 100 | 225 | 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 | 10999.56 | 49.34 | 74.00 | -24.66 | 41.13 | 5.01 | 38.30 | 35.10 | Peak | 100 | 163 | VERTICAL |
| 2 | 11000.20 | 36.41 | 54.00 | -17.59 | 28.20 | 5.01 | 38.30 | 35.10 | Average | 100 | 163 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 116 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (1TX) |

*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 | 11159.90 | 51.87 | 74.00 | -22.13 | 43.53 | 5.04 | 38.47 | 35.17 | Peak | 100 | 151 | HORIZONTAL |
| 2 | 11160.12 | 38.62 | 54.00 | -15.38 | 30.28 | 5.04 | 38.47 | 35.17 | Average | 100 | 151 | 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 | 11160.44 | 50.78 | 74.00 | -23.22 | 42.44 | 5.04 | 38.47 | 35.17 | Peak | 100 | 230 | VERTICAL |
| 2 | 11160.46 | 37.58 | 54.00 | -16.42 | 29.24 | 5.04 | 38.47 | 35.17 | Average | 100 | 230 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 140 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (1TX) |

*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 | 11399.78 | 36.78 | 54.00 | -17.22 | 28.23 | 5.10 | 38.70 | 35.25 | Average | 100 | 294 | HORIZONTAL |
| 2 | 11399.90 | 50.12 | 74.00 | -23.88 | 41.57 | 5.10 | 38.70 | 35.25 | Peak | 100 | 294 | 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 | 11399.60 | 49.81 | 74.00 | -24.19 | 41.26 | 5.10 | 38.70 | 35.25 | Peak | 100 | 153 | VERTICAL |
| 2 | 11399.67 | 37.04 | 54.00 | -16.96 | 28.49 | 5.10 | 38.70 | 35.25 | Average | 100 | 153 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 52 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

*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 | 15781.93 | 54.00 | 74.00 | -20.00 | 45.87 | 6.14 | 37.41 | 35.42 | Peak | 100 | 154 | HORIZONTAL |
| 2 | 15782.32 | 40.15 | 54.00 | -13.85 | 32.02 | 6.14 | 37.41 | 35.42 | Average | 100 | 154 | 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 | 15782.47 | 39.77 | 54.00 | -14.23 | 31.64 | 6.14 | 37.41 | 35.42 | Average | 100 | 321 | VERTICAL |
| 2 | 15782.47 | 53.75 | 74.00 | -20.25 | 45.62 | 6.14 | 37.41 | 35.42 | Peak | 100 | 321 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 60 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

*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 | 10600.31 | 50.12 | 74.00 | -23.88 | 42.15 | 5.01 | 38.38 | 35.42 | Peak | 100 | 171 | HORIZONTAL |
| 2 | 10601.94 | 36.00 | 54.00 | -18.00 | 28.03 | 5.01 | 38.38 | 35.42 | Average | 100 | 171 | HORIZONTAL |
| 3 | 15899.12 | 41.01 | 54.00 | -12.99 | 33.01 | 6.15 | 37.29 | 35.44 | Average | 116 | 118 | HORIZONTAL |
| 4 | 15899.78 | 55.32 | 74.00 | -18.68 | 47.32 | 6.15 | 37.29 | 35.44 | Peak | 116 | 118 | 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 | 10601.90 | 36.06 | 54.00 | -17.94 | 28.09 | 5.01 | 38.38 | 35.42 | Average | 100 | 52 | VERTICAL |
| 2 | 10601.91 | 49.98 | 74.00 | -24.02 | 42.01 | 5.01 | 38.38 | 35.42 | Peak | 100 | 52 | VERTICAL |
| 3 | 15894.60 | 54.81 | 74.00 | -19.19 | 46.80 | 6.15 | 37.30 | 35.44 | Peak | 106 | 123 | VERTICAL |
| 4 | 15894.80 | 40.94 | 54.00 | -13.06 | 32.93 | 6.15 | 37.30 | 35.44 | Average | 106 | 123 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 64 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

*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 | 10637.85 | 36.41 | 54.00 | -17.59 | 28.42 | 5.01 | 38.37 | 35.39 | Average | 100 | 59 | HORIZONTAL |
| 2 | 10639.16 | 50.54 | 74.00 | -23.46 | 42.55 | 5.01 | 38.37 | 35.39 | Peak | 100 | 59 | HORIZONTAL |
| 3 | 15959.21 | 40.91 | 54.00 | -13.09 | 32.97 | 6.15 | 37.23 | 35.44 | Average | 100 | 155 | HORIZONTAL |
| 4 | 15960.69 | 54.73 | 74.00 | -19.27 | 46.79 | 6.15 | 37.23 | 35.44 | Peak | 100 | 155 | 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 | 10637.72 | 51.51 | 74.00 | -22.49 | 43.52 | 5.01 | 38.37 | 35.39 | Peak | 100 | 195 | VERTICAL |
| 2 | 10642.26 | 37.05 | 54.00 | -16.95 | 29.06 | 5.01 | 38.37 | 35.39 | Average | 100 | 195 | VERTICAL |
| 3 | 15951.60 | 55.63 | 74.00 | -18.37 | 47.69 | 6.15 | 37.23 | 35.44 | Peak | 106 | 123 | VERTICAL |
| 4 | 15955.00 | 41.57 | 54.00 | -12.43 | 33.63 | 6.15 | 37.23 | 35.44 | Average | 106 | 123 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 100 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

*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 | 10997.60 | 49.90 | 74.00 | -24.10 | 41.67 | 5.01 | 38.32 | 35.10 | Peak | 100 | 227 | HORIZONTAL |
| 2 | 10997.98 | 36.56 | 54.00 | -17.44 | 28.33 | 5.01 | 38.32 | 35.10 | Average | 100 | 227 | 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 | 10997.90 | 36.73 | 54.00 | -17.27 | 28.52 | 5.01 | 38.30 | 35.10 | Average | 100 | 102 | VERTICAL |
| 2 | 10999.62 | 49.56 | 74.00 | -24.44 | 41.35 | 5.01 | 38.30 | 35.10 | Peak | 100 | 102 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 116 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

*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 | 11161.24 | 50.46 | 74.00 | -23.54 | 42.12 | 5.04 | 38.47 | 35.17 | Peak | 100 | 90 | HORIZONTAL |
| 2 | 11163.94 | 37.74 | 54.00 | -16.26 | 29.39 | 5.05 | 38.47 | 35.17 | Average | 100 | 90 | 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 | 11159.24 | 51.00 | 74.00 | -23.00 | 42.66 | 5.04 | 38.47 | 35.17 | Peak | 100 | 269 | VERTICAL |
| 2 | 11161.16 | 37.71 | 54.00 | -16.29 | 29.37 | 5.04 | 38.47 | 35.17 | Average | 100 | 269 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 140 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

*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 | 11395.58 | 49.95 | 74.00 | -24.05 | 41.42 | 5.10 | 38.68 | 35.25 | Peak | 100 | 140 | HORIZONTAL |
| 2 | 11404.96 | 36.30 | 54.00 | -17.70 | 27.75 | 5.10 | 38.70 | 35.25 | Average | 100 | 140 | 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 | 11399.50 | 50.40 | 74.00 | -23.60 | 41.85 | 5.10 | 38.70 | 35.25 | Peak | 100 | 203 | VERTICAL |
| 2 | 11404.98 | 36.29 | 54.00 | -17.71 | 27.74 | 5.10 | 38.70 | 35.25 | Average | 100 | 203 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 52 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

*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 | 15777.08 | 40.03 | 54.00 | -13.97 | 31.90 | 6.14 | 37.41 | 35.42 | Average | 100 | 112 | HORIZONTAL |
| 2 | 15778.84 | 53.41 | 74.00 | -20.59 | 45.28 | 6.14 | 37.41 | 35.42 | Peak | 100 | 112 | 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 | 15782.52 | 53.35 | 74.00 | -20.65 | 45.22 | 6.14 | 37.41 | 35.42 | Peak | 100 | 215 | VERTICAL |
| 2 | 15783.52 | 40.09 | 54.00 | -13.91 | 31.96 | 6.14 | 37.41 | 35.42 | Average | 100 | 215 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 60 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

***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 | 10603.18 | 50.35 | 74.00 | -23.65 | 42.38 | 5.01 | 38.38 | 35.42 | Peak | 100 | 196 | HORIZONTAL |
| 2 | 10605.00 | 36.11 | 54.00 | -17.89 | 28.14 | 5.01 | 38.38 | 35.42 | Average | 100 | 196 | HORIZONTAL |
| 3 | 15898.24 | 54.15 | 74.00 | -19.85 | 46.15 | 6.15 | 37.29 | 35.44 | Peak | 101 | 122 | HORIZONTAL |
| 4 | 15900.52 | 41.10 | 54.00 | -12.90 | 33.10 | 6.15 | 37.29 | 35.44 | Average | 101 | 122 | 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 | 10602.74 | 51.04 | 74.00 | -22.96 | 43.07 | 5.01 | 38.38 | 35.42 | Peak | 100 | 284 | VERTICAL |
| 2 | 10604.60 | 36.17 | 54.00 | -17.83 | 28.20 | 5.01 | 38.38 | 35.42 | Average | 100 | 284 | VERTICAL |
| 3 | 15897.04 | 53.68 | 74.00 | -20.32 | 45.68 | 6.15 | 37.29 | 35.44 | Peak | 101 | 96 | VERTICAL |
| 4 | 15903.56 | 41.31 | 54.00 | -12.69 | 33.31 | 6.15 | 37.29 | 35.44 | Average | 101 | 96 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 64 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

*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 | 10636.42 | 50.60 | 74.00 | -23.40 | 42.61 | 5.01 | 38.37 | 35.39 | Peak | 100 | 195 | HORIZONTAL |
| 2 | 10637.22 | 36.33 | 54.00 | -17.67 | 28.34 | 5.01 | 38.37 | 35.39 | Average | 100 | 195 | HORIZONTAL |
| 3 | 15962.54 | 53.16 | 74.00 | -20.84 | 45.22 | 6.15 | 37.23 | 35.44 | Peak | 100 | 258 | HORIZONTAL |
| 4 | 15962.86 | 40.05 | 54.00 | -13.95 | 32.11 | 6.15 | 37.23 | 35.44 | Average | 100 | 258 | 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 | 10636.60 | 50.22 | 74.00 | -23.78 | 42.23 | 5.01 | 38.37 | 35.39 | Peak | 100 | 293 | VERTICAL |
| 2 | 10637.70 | 36.42 | 54.00 | -17.58 | 28.43 | 5.01 | 38.37 | 35.39 | Average | 100 | 293 | VERTICAL |
| 3 | 15959.86 | 40.26 | 54.00 | -13.74 | 32.32 | 6.15 | 37.23 | 35.44 | Average | 100 | 322 | VERTICAL |
| 4 | 15964.46 | 52.91 | 74.00 | -21.09 | 44.98 | 6.15 | 37.22 | 35.44 | Peak | 100 | 322 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 100 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

*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 | 10996.82 | 50.82 | 74.00 | -23.18 | 42.59 | 5.01 | 38.32 | 35.10 | Peak | 100 | 119 | HORIZONTAL |
| 2 | 10997.62 | 36.36 | 54.00 | -17.64 | 28.13 | 5.01 | 38.32 | 35.10 | Average | 100 | 119 | 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 | 10995.24 | 49.52 | 74.00 | -24.48 | 41.31 | 5.01 | 38.30 | 35.10 | Peak | 100 | 245 | VERTICAL |
| 2 | 10997.88 | 36.49 | 54.00 | -17.51 | 28.28 | 5.01 | 38.30 | 35.10 | Average | 100 | 245 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 116 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

*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 | 11158.60 | 37.54 | 54.00 | -16.46 | 29.20 | 5.04 | 38.47 | 35.17 | Average | 100 | 124 | HORIZONTAL |
| 2 | 11160.14 | 50.53 | 74.00 | -23.47 | 42.19 | 5.04 | 38.47 | 35.17 | Peak | 100 | 124 | 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 | 11158.88 | 50.88 | 74.00 | -23.12 | 42.54 | 5.04 | 38.47 | 35.17 | Peak | 100 | 239 | VERTICAL |
| 2 | 11161.22 | 37.56 | 54.00 | -16.44 | 29.22 | 5.04 | 38.47 | 35.17 | Average | 100 | 239 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 140 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

*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 | 11395.74 | 50.95 | 74.00 | -23.05 | 42.42 | 5.10 | 38.68 | 35.25 | Peak | 100 | 191 | HORIZONTAL |
| 2 | 11404.98 | 36.31 | 54.00 | -17.69 | 27.76 | 5.10 | 38.70 | 35.25 | Average | 100 | 191 | 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 | 11402.16 | 36.30 | 54.00 | -17.70 | 27.75 | 5.10 | 38.70 | 35.25 | Average | 100 | 301 | VERTICAL |
| 2 | 11404.94 | 50.21 | 74.00 | -23.79 | 41.66 | 5.10 | 38.70 | 35.25 | Peak | 100 | 301 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 52 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

*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 | 15779.17 | 53.76 | 74.00 | -20.24 | 45.63 | 6.14 | 37.41 | 35.42 | Peak | 100 | 0 | HORIZONTAL |
| 2 | 15782.75 | 41.89 | 54.00 | -12.11 | 33.76 | 6.14 | 37.41 | 35.42 | Average | 100 | 0 | 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 | 15776.45 | 43.89 | 54.00 | -10.11 | 35.76 | 6.14 | 37.41 | 35.42 | Average | 100 | 254 | VERTICAL |
| 2 | 15776.71 | 56.72 | 74.00 | -17.28 | 48.59 | 6.14 | 37.41 | 35.42 | Peak | 100 | 254 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 60 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

*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 | 15896.77 | 52.46 | 74.00 | -21.54 | 44.46 | 6.15 | 37.29 | 35.44 | Peak | 100 | 193 | HORIZONTAL |
| 2 | 15902.36 | 40.87 | 54.00 | -13.13 | 32.87 | 6.15 | 37.29 | 35.44 | Average | 100 | 193 | 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 | 15898.50 | 52.20 | 74.00 | -21.80 | 44.20 | 6.15 | 37.29 | 35.44 | Peak | 100 | 211 | VERTICAL |
| 2 | 15898.67 | 41.75 | 54.00 | -12.25 | 33.75 | 6.15 | 37.29 | 35.44 | Average | 100 | 211 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

*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 | 15966.60 | 41.78 | 54.00 | -12.22 | 33.85 | 6.15 | 37.22 | 35.44 | Average | 100 | 183 | HORIZONTAL |
| 2 | 15967.99 | 52.42 | 74.00 | -21.58 | 44.49 | 6.15 | 37.22 | 35.44 | Peak | 100 | 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 | 15957.97 | 41.59 | 54.00 | -12.41 | 33.65 | 6.15 | 37.23 | 35.44 | Average | 100 | 10 | VERTICAL |
| 2 | 15964.80 | 52.50 | 74.00 | -21.50 | 44.57 | 6.15 | 37.22 | 35.44 | Peak | 100 | 10 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 100 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

*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 | 10998.17 | 49.60 | 74.00 | -24.40 | 41.37 | 5.01 | 38.32 | 35.10 | Peak | 100 | 9 | HORIZONTAL |
| 2 | 10999.11 | 37.26 | 54.00 | -16.74 | 29.03 | 5.01 | 38.32 | 35.10 | Average | 100 | 9 | 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 | 10999.32 | 36.98 | 54.00 | -17.02 | 28.77 | 5.01 | 38.30 | 35.10 | Average | 100 | 249 | VERTICAL |
| 2 | 11001.55 | 49.89 | 74.00 | -24.11 | 41.68 | 5.01 | 38.30 | 35.10 | Peak | 100 | 249 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 116 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

*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 | 11157.83 | 38.12 | 54.00 | -15.88 | 29.79 | 5.04 | 38.45 | 35.16 | Average | 102 | 138 | HORIZONTAL |
| 2 | 11160.01 | 50.04 | 74.00 | -23.96 | 41.70 | 5.04 | 38.47 | 35.17 | Peak | 102 | 138 | 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 | 11160.04 | 38.14 | 54.00 | -15.86 | 29.80 | 5.04 | 38.47 | 35.17 | Average | 102 | 349 | VERTICAL |
| 2 | 11163.29 | 50.06 | 74.00 | -23.94 | 41.71 | 5.05 | 38.47 | 35.17 | Peak | 102 | 349 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

*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 | 11398.31 | 51.18 | 74.00 | -22.82 | 42.63 | 5.10 | 38.70 | 35.25 | Peak | 100 | 353 | HORIZONTAL |
| 2 | 11399.60 | 37.48 | 54.00 | -16.52 | 28.93 | 5.10 | 38.70 | 35.25 | Average | 100 | 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 | 11398.08 | 37.38 | 54.00 | -16.62 | 28.83 | 5.10 | 38.70 | 35.25 | Average | 100 | 113 | VERTICAL |
| 2 | 11398.26 | 50.25 | 74.00 | -23.75 | 41.70 | 5.10 | 38.70 | 35.25 | Peak | 100 | 113 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 52 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

*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 | 15775.44 | 54.01 | 74.00 | -19.99 | 45.87 | 6.14 | 37.42 | 35.42 | Peak | 100 | 147 | HORIZONTAL |
| 2 | 15775.51 | 41.02 | 54.00 | -12.98 | 32.88 | 6.14 | 37.42 | 35.42 | Average | 100 | 147 | 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 | 15775.33 | 42.48 | 54.00 | -11.52 | 34.34 | 6.14 | 37.42 | 35.42 | Average | 100 | 324 | VERTICAL |
| 2 | 15782.42 | 53.66 | 74.00 | -20.34 | 45.53 | 6.14 | 37.41 | 35.42 | Peak | 100 | 324 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 60 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

*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 | 15900.39 | 52.10 | 74.00 | -21.90 | 44.10 | 6.15 | 37.29 | 35.44 | Peak | 100 | 360 | HORIZONTAL |
| 2 | 15903.43 | 40.37 | 54.00 | -13.63 | 32.37 | 6.15 | 37.29 | 35.44 | Average | 100 | 360 | 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 | 15895.09 | 41.20 | 54.00 | -12.80 | 33.19 | 6.15 | 37.30 | 35.44 | Average | 100 | 70 | VERTICAL |
| 2 | 15899.59 | 51.67 | 74.00 | -22.33 | 43.67 | 6.15 | 37.29 | 35.44 | Peak | 100 | 70 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

*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 | 15957.12 | 52.16 | 74.00 | -21.84 | 44.22 | 6.15 | 37.23 | 35.44 | Peak | 100 | 9 | HORIZONTAL |
| 2 | 15958.96 | 39.62 | 54.00 | -14.38 | 31.68 | 6.15 | 37.23 | 35.44 | Average | 100 | 9 | 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 | 15956.90 | 51.45 | 74.00 | -22.55 | 43.51 | 6.15 | 37.23 | 35.44 | Peak | 100 | 316 | VERTICAL |
| 2 | 15963.86 | 39.59 | 54.00 | -14.41 | 31.66 | 6.15 | 37.22 | 35.44 | Average | 100 | 316 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 100 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

*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 | 37.08 | 54.00 | -16.92 | 28.85 | 5.01 | 38.32 | 35.10 | Average | 100 | 349 | HORIZONTAL |
| 2 | 10999.64 | 49.38 | 74.00 | -24.62 | 41.15 | 5.01 | 38.32 | 35.10 | Peak | 100 | 349 | 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 | 10999.33 | 37.20 | 54.00 | -16.80 | 28.99 | 5.01 | 38.30 | 35.10 | Average | 100 | 83 | VERTICAL |
| 2 | 11003.71 | 49.69 | 74.00 | -24.31 | 41.48 | 5.01 | 38.30 | 35.10 | Peak | 100 | 83 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 116 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

*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 | 11160.45 | 38.11 | 54.00 | -15.89 | 29.77 | 5.04 | 38.47 | 35.17 | Average | 102 | 324 | HORIZONTAL |
| 2 | 11163.04 | 50.57 | 74.00 | -23.43 | 42.22 | 5.05 | 38.47 | 35.17 | Peak | 102 | 324 | 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 | 11161.88 | 50.94 | 74.00 | -23.06 | 42.59 | 5.05 | 38.47 | 35.17 | Peak | 102 | 172 | VERTICAL |
| 2 | 11163.39 | 38.04 | 54.00 | -15.96 | 29.69 | 5.05 | 38.47 | 35.17 | Average | 102 | 172 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

*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 | 11399.29 | 37.36 | 54.00 | -16.64 | 28.81 | 5.10 | 38.70 | 35.25 | Average | 100 | 144 | HORIZONTAL |
| 2 | 11399.57 | 49.96 | 74.00 | -24.04 | 41.41 | 5.10 | 38.70 | 35.25 | Peak | 100 | 144 | 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 | 11397.95 | 50.82 | 74.00 | -23.18 | 42.27 | 5.10 | 38.70 | 35.25 | Peak | 100 | 340 | VERTICAL |
| 2 | 11400.98 | 37.54 | 54.00 | -16.46 | 28.99 | 5.10 | 38.70 | 35.25 | Average | 100 | 340 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 54 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (1TX) |

*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 | 15809.59 | 51.76 | 74.00 | -22.24 | 43.66 | 6.14 | 37.39 | 35.43 | Peak | 113 | 161 | HORIZONTAL |
| 2 | 15809.67 | 39.48 | 54.00 | -14.52 | 31.38 | 6.14 | 37.39 | 35.43 | Average | 113 | 161 | 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 | 15809.54 | 39.63 | 54.00 | -14.37 | 31.53 | 6.14 | 37.39 | 35.43 | Average | 130 | 131 | VERTICAL |
| 2 | 15809.98 | 52.35 | 74.00 | -21.65 | 44.25 | 6.14 | 37.39 | 35.43 | Peak | 130 | 131 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 62 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (1TX) |

*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 | 10619.83 | 49.19 | 74.00 | -24.81 | 41.22 | 5.01 | 38.38 | 35.42 | Peak | 100 | 273 | HORIZONTAL |
| 2 | 10620.03 | 36.41 | 54.00 | -17.59 | 28.44 | 5.01 | 38.38 | 35.42 | Average | 100 | 273 | 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 | 10620.35 | 36.95 | 54.00 | -17.05 | 28.98 | 5.01 | 38.38 | 35.42 | Average | 100 | 162 | VERTICAL |
| 2 | 10620.50 | 50.32 | 74.00 | -23.68 | 42.35 | 5.01 | 38.38 | 35.42 | Peak | 100 | 162 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 102 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (1TX) |

*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 | 11019.96 | 50.28 | 74.00 | -23.72 | 42.04 | 5.02 | 38.33 | 35.11 | Peak | 100 | 218 | HORIZONTAL |
| 2 | 11019.98 | 36.55 | 54.00 | -17.45 | 28.31 | 5.02 | 38.33 | 35.11 | Average | 100 | 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 | 11019.79 | 49.03 | 74.00 | -24.97 | 40.80 | 5.02 | 38.32 | 35.11 | Peak | 100 | 127 | VERTICAL |
| 2 | 11020.40 | 36.86 | 54.00 | -17.14 | 28.63 | 5.02 | 38.32 | 35.11 | Average | 100 | 127 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 110 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (1TX) |

*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 | 11099.80 | 36.45 | 54.00 | -17.55 | 28.16 | 5.03 | 38.40 | 35.14 | Average | 100 | 198 | HORIZONTAL |
| 2 | 11099.82 | 49.69 | 74.00 | -24.31 | 41.40 | 5.03 | 38.40 | 35.14 | Peak | 100 | 198 | 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 | 11100.18 | 49.52 | 74.00 | -24.48 | 41.23 | 5.03 | 38.40 | 35.14 | Peak | 100 | 261 | VERTICAL |
| 2 | 11100.48 | 37.68 | 54.00 | -16.32 | 29.39 | 5.03 | 38.40 | 35.14 | Average | 100 | 261 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 134 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (1TX) |

*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 | 11339.99 | 36.79 | 54.00 | -17.21 | 28.32 | 5.08 | 38.63 | 35.24 | Average | 100 | 237 | HORIZONTAL |
| 2 | 11340.14 | 50.09 | 74.00 | -23.91 | 41.62 | 5.08 | 38.63 | 35.24 | Peak | 100 | 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 | 11339.64 | 50.65 | 74.00 | -23.35 | 42.18 | 5.08 | 38.63 | 35.24 | Peak | 100 | 115 | VERTICAL |
| 2 | 11340.41 | 37.11 | 54.00 | -16.89 | 28.63 | 5.09 | 38.63 | 35.24 | Average | 100 | 115 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 54 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

*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 | 15811.06 | 39.81 | 54.00 | -14.19 | 31.73 | 6.14 | 37.37 | 35.43 | Average | 100 | 275 | HORIZONTAL |
| 2 | 15814.02 | 53.24 | 74.00 | -20.76 | 45.16 | 6.14 | 37.37 | 35.43 | Peak | 100 | 275 | 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 | 15806.92 | 52.90 | 74.00 | -21.10 | 44.80 | 6.14 | 37.39 | 35.43 | Peak | 100 | 214 | VERTICAL |
| 2 | 15813.74 | 39.40 | 54.00 | -14.60 | 31.32 | 6.14 | 37.37 | 35.43 | Average | 100 | 214 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 62 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

*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 | 10617.95 | 50.12 | 74.00 | -23.88 | 42.15 | 5.01 | 38.38 | 35.42 | Peak | 100 | 116 | HORIZONTAL |
| 2 | 10622.41 | 36.28 | 54.00 | -17.72 | 28.31 | 5.01 | 38.38 | 35.42 | Average | 100 | 116 | HORIZONTAL |
| 3 | 15928.61 | 53.10 | 74.00 | -20.90 | 45.12 | 6.15 | 37.27 | 35.44 | Peak | 100 | 163 | HORIZONTAL |
| 4 | 15932.08 | 39.17 | 54.00 | -14.83 | 31.21 | 6.15 | 37.25 | 35.44 | Average | 100 | 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 | 10621.62 | 36.33 | 54.00 | -17.67 | 28.36 | 5.01 | 38.38 | 35.42 | Average | 100 | 171 | VERTICAL |
| 2 | 10621.68 | 50.15 | 74.00 | -23.85 | 42.18 | 5.01 | 38.38 | 35.42 | Peak | 100 | 171 | VERTICAL |
| 3 | 15929.81 | 53.26 | 74.00 | -20.74 | 45.30 | 6.15 | 37.25 | 35.44 | Peak | 100 | 237 | VERTICAL |
| 4 | 15932.24 | 39.19 | 54.00 | -14.81 | 31.23 | 6.15 | 37.25 | 35.44 | Average | 100 | 237 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 102 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

*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 | 11018.19 | 36.45 | 54.00 | -17.55 | 28.21 | 5.02 | 38.33 | 35.11 | Average | 100 | 183 | HORIZONTAL |
| 2 | 11018.24 | 49.00 | 74.00 | -25.00 | 40.76 | 5.02 | 38.33 | 35.11 | Peak | 100 | 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 | 11018.63 | 49.71 | 74.00 | -24.29 | 41.48 | 5.02 | 38.32 | 35.11 | Peak | 100 | 296 | VERTICAL |
| 2 | 11021.61 | 36.78 | 54.00 | -17.22 | 28.55 | 5.02 | 38.32 | 35.11 | Average | 100 | 296 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 110 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

*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 | 11097.92 | 36.65 | 54.00 | -17.35 | 28.36 | 5.03 | 38.40 | 35.14 | Average | 100 | 87 | HORIZONTAL |
| 2 | 11100.23 | 51.42 | 74.00 | -22.58 | 43.13 | 5.03 | 38.40 | 35.14 | Peak | 100 | 87 | 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 | 11098.13 | 50.36 | 74.00 | -23.64 | 42.07 | 5.03 | 38.40 | 35.14 | Peak | 100 | 257 | VERTICAL |
| 2 | 11098.39 | 36.81 | 54.00 | -17.19 | 28.52 | 5.03 | 38.40 | 35.14 | Average | 100 | 257 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 134 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

*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 | 11338.66 | 49.87 | 74.00 | -24.13 | 41.40 | 5.08 | 38.63 | 35.24 | Peak | 100 | 188 | HORIZONTAL |
| 2 | 11339.90 | 36.17 | 54.00 | -17.83 | 27.70 | 5.08 | 38.63 | 35.24 | Average | 100 | 188 | 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 | 11339.86 | 36.21 | 54.00 | -17.79 | 27.74 | 5.08 | 38.63 | 35.24 | Average | 100 | 277 | VERTICAL |
| 2 | 11340.22 | 49.14 | 74.00 | -24.86 | 40.67 | 5.08 | 38.63 | 35.24 | Peak | 100 | 277 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 54 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

*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 | 15810.83 | 40.64 | 54.00 | -13.36 | 32.56 | 6.14 | 37.37 | 35.43 | Average | 117 | 124 | HORIZONTAL |
| 2 | 15812.36 | 53.69 | 74.00 | -20.31 | 45.61 | 6.14 | 37.37 | 35.43 | Peak | 117 | 124 | 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 | 15810.46 | 52.86 | 74.00 | -21.14 | 44.78 | 6.14 | 37.37 | 35.43 | Peak | 98 | 203 | VERTICAL |
| 2 | 15811.71 | 40.26 | 54.00 | -13.74 | 32.18 | 6.14 | 37.37 | 35.43 | Average | 98 | 203 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 62 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

*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 | 10620.62 | 51.05 | 74.00 | -22.95 | 43.08 | 5.01 | 38.38 | 35.42 | Peak | 100 | 218 | HORIZONTAL |
| 2 | 10622.12 | 36.35 | 54.00 | -17.65 | 28.38 | 5.01 | 38.38 | 35.42 | Average | 100 | 218 | HORIZONTAL |
| 3 | 15931.88 | 52.89 | 74.00 | -21.11 | 44.93 | 6.15 | 37.25 | 35.44 | Peak | 100 | 84 | HORIZONTAL |
| 4 | 15932.01 | 39.20 | 54.00 | -14.80 | 31.24 | 6.15 | 37.25 | 35.44 | Average | 100 | 84 | 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 | 10621.11 | 50.30 | 74.00 | -23.70 | 42.33 | 5.01 | 38.38 | 35.42 | Peak | 100 | 37 | VERTICAL |
| 2 | 10621.54 | 36.29 | 54.00 | -17.71 | 28.32 | 5.01 | 38.38 | 35.42 | Average | 100 | 37 | VERTICAL |
| 3 | 15930.38 | 53.07 | 74.00 | -20.93 | 45.11 | 6.15 | 37.25 | 35.44 | Peak | 100 | 170 | VERTICAL |
| 4 | 15932.14 | 39.18 | 54.00 | -14.82 | 31.22 | 6.15 | 37.25 | 35.44 | Average | 100 | 170 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 102 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

*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 | 11018.16 | 36.30 | 54.00 | -17.70 | 28.06 | 5.02 | 38.33 | 35.11 | Average | 100 | 104 | HORIZONTAL |
| 2 | 11021.16 | 49.22 | 74.00 | -24.78 | 40.98 | 5.02 | 38.33 | 35.11 | Peak | 100 | 104 | 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 | 11017.60 | 48.67 | 74.00 | -25.33 | 40.43 | 5.02 | 38.33 | 35.11 | Peak | 100 | 175 | VERTICAL |
| 2 | 11018.42 | 36.25 | 54.00 | -17.75 | 28.01 | 5.02 | 38.33 | 35.11 | Average | 100 | 175 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 110 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

*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 | 11097.53 | 36.58 | 54.00 | -17.42 | 28.29 | 5.03 | 38.40 | 35.14 | Average | 100 | 156 | HORIZONTAL |
| 2 | 11099.43 | 50.60 | 74.00 | -23.40 | 42.31 | 5.03 | 38.40 | 35.14 | Peak | 100 | 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 | 11097.72 | 36.58 | 54.00 | -17.42 | 28.29 | 5.03 | 38.40 | 35.14 | Average | 100 | 288 | VERTICAL |
| 2 | 11097.79 | 50.36 | 74.00 | -23.64 | 42.07 | 5.03 | 38.40 | 35.14 | Peak | 100 | 288 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 134 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

*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 | 11339.92 | 36.15 | 54.00 | -17.85 | 27.68 | 5.08 | 38.63 | 35.24 | Average | 100 | 120 | HORIZONTAL |
| 2 | 11340.83 | 50.08 | 74.00 | -23.92 | 41.60 | 5.09 | 38.63 | 35.24 | Peak | 100 | 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 | 11339.57 | 36.15 | 54.00 | -17.85 | 27.68 | 5.08 | 38.63 | 35.24 | Average | 100 | 246 | VERTICAL |
| 2 | 11340.31 | 50.15 | 74.00 | -23.85 | 41.67 | 5.09 | 38.63 | 35.24 | Peak | 100 | 246 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 54 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

*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 | 15805.75 | 52.20 | 74.00 | -21.80 | 44.10 | 6.14 | 37.39 | 35.43 | Peak | 100 | 168 | HORIZONTAL |
| 2 | 15811.74 | 40.30 | 54.00 | -13.70 | 32.22 | 6.14 | 37.37 | 35.43 | Average | 100 | 168 | 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 | 15817.47 | 52.13 | 74.00 | -21.87 | 44.05 | 6.14 | 37.37 | 35.43 | Peak | 100 | 360 | VERTICAL |
| 2 | 15819.70 | 42.47 | 54.00 | -11.53 | 34.40 | 6.14 | 37.37 | 35.44 | Average | 100 | 360 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 62 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

*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 | 15921.75 | 38.95 | 54.00 | -15.05 | 30.97 | 6.15 | 37.27 | 35.44 | Average | 100 | 338 | HORIZONTAL |
| 2 | 15925.72 | 52.04 | 74.00 | -21.96 | 44.06 | 6.15 | 37.27 | 35.44 | Peak | 100 | 338 | 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 | 15927.31 | 38.93 | 54.00 | -15.07 | 30.95 | 6.15 | 37.27 | 35.44 | Average | 100 | 62 | VERTICAL |
| 2 | 15927.44 | 51.03 | 74.00 | -22.97 | 43.05 | 6.15 | 37.27 | 35.44 | Peak | 100 | 62 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 102 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

*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 | 11024.14 | 49.20 | 74.00 | -24.80 | 40.95 | 5.02 | 38.34 | 35.11 | Peak | 100 | 314 | HORIZONTAL |
| 2 | 11024.15 | 37.12 | 54.00 | -16.88 | 28.87 | 5.02 | 38.34 | 35.11 | Average | 100 | 314 | 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 | 11015.07 | 49.59 | 74.00 | -24.41 | 41.36 | 5.02 | 38.32 | 35.11 | Peak | 100 | 75 | VERTICAL |
| 2 | 11024.18 | 36.96 | 54.00 | -17.04 | 28.72 | 5.02 | 38.33 | 35.11 | Average | 100 | 75 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 110 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

*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 | 11098.64 | 49.78 | 74.00 | -24.22 | 41.49 | 5.03 | 38.40 | 35.14 | Peak | 100 | 206 | HORIZONTAL |
| 2 | 11103.91 | 37.57 | 54.00 | -16.43 | 29.28 | 5.03 | 38.40 | 35.14 | Average | 100 | 206 | 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 | 11096.54 | 37.61 | 54.00 | -16.39 | 29.32 | 5.03 | 38.40 | 35.14 | Average | 100 | 17 | VERTICAL |
| 2 | 11098.25 | 50.45 | 74.00 | -23.55 | 42.16 | 5.03 | 38.40 | 35.14 | Peak | 100 | 17 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 134 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

*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 | 11337.67 | 50.20 | 74.00 | -23.80 | 41.73 | 5.08 | 38.63 | 35.24 | Peak | 100 | 15 | HORIZONTAL |
| 2 | 11338.55 | 37.55 | 54.00 | -16.45 | 29.08 | 5.08 | 38.63 | 35.24 | Average | 100 | 15 | 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 | 11338.87 | 37.49 | 54.00 | -16.51 | 29.02 | 5.08 | 38.63 | 35.24 | Average | 100 | 149 | VERTICAL |
| 2 | 11342.30 | 49.92 | 74.00 | -24.08 | 41.44 | 5.09 | 38.63 | 35.24 | Peak | 100 | 149 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 54 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

*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 | 15811.66 | 52.25 | 74.00 | -21.75 | 44.17 | 6.14 | 37.37 | 35.43 | Peak | 102 | 138 | HORIZONTAL |
| 2 | 15816.37 | 40.04 | 54.00 | -13.96 | 31.96 | 6.14 | 37.37 | 35.43 | Average | 102 | 138 | 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 | 15805.08 | 54.95 | 74.00 | -19.05 | 46.85 | 6.14 | 37.39 | 35.43 | Peak | 102 | 246 | VERTICAL |
| 2 | 15816.08 | 42.37 | 54.00 | -11.63 | 34.29 | 6.14 | 37.37 | 35.43 | Average | 102 | 246 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 62 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

*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 | 15934.40 | 38.93 | 54.00 | -15.07 | 30.97 | 6.15 | 37.25 | 35.44 | Average | 100 | 17 | HORIZONTAL |
| 2 | 15934.67 | 50.86 | 74.00 | -23.14 | 42.90 | 6.15 | 37.25 | 35.44 | Peak | 100 | 17 | 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 | 15926.29 | 38.94 | 54.00 | -15.06 | 30.96 | 6.15 | 37.27 | 35.44 | Average | 100 | 213 | VERTICAL |
| 2 | 15932.69 | 51.17 | 74.00 | -22.83 | 43.21 | 6.15 | 37.25 | 35.44 | Peak | 100 | 213 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 102 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

*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 | 11022.65 | 49.61 | 74.00 | -24.39 | 41.36 | 5.02 | 38.34 | 35.11 | Peak | 100 | 200 | HORIZONTAL |
| 2 | 11023.69 | 37.04 | 54.00 | -16.96 | 28.79 | 5.02 | 38.34 | 35.11 | Average | 100 | 200 | 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 | 11023.01 | 37.23 | 54.00 | -16.77 | 28.99 | 5.02 | 38.33 | 35.11 | Average | 100 | 345 | VERTICAL |
| 2 | 11023.71 | 49.45 | 74.00 | -24.55 | 41.21 | 5.02 | 38.33 | 35.11 | Peak | 100 | 345 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 110 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

*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 | 11101.49 | 50.88 | 74.00 | -23.12 | 42.59 | 5.03 | 38.40 | 35.14 | Peak | 100 | 332 | HORIZONTAL |
| 2 | 11101.84 | 37.57 | 54.00 | -16.43 | 29.28 | 5.03 | 38.40 | 35.14 | Average | 100 | 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 | 11098.18 | 50.17 | 74.00 | -23.83 | 41.88 | 5.03 | 38.40 | 35.14 | Peak | 100 | 100 | VERTICAL |
| 2 | 11100.61 | 37.77 | 54.00 | -16.23 | 29.48 | 5.03 | 38.40 | 35.14 | Average | 100 | 100 | VERTICAL |

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 134 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

*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 | 11337.76 | 37.49 | 54.00 | -16.51 | 29.02 | 5.08 | 38.63 | 35.24 | Average | 100 | 14 | HORIZONTAL |
| 2 | 11338.52 | 49.88 | 74.00 | -24.12 | 41.41 | 5.08 | 38.63 | 35.24 | Peak | 100 | 14 | 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 | 11341.19 | 49.77 | 74.00 | -24.23 | 41.29 | 5.09 | 38.63 | 35.24 | Peak | 100 | 341 | VERTICAL |
| 2 | 11342.33 | 37.57 | 54.00 | -16.43 | 29.09 | 5.09 | 38.63 | 35.24 | Average | 100 | 341 | 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.

## 4.7. Band Edge Emissions Measurement

### 4.7.1. 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 EIRP of -27 dBm/MHz (68.3dBuV/m at 3m). For transmitters operating in the 5.470-5.725 GHz band: all emissions outside of the 5.470-5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz (68.3dBuV/m at 3m). For transmitters operating in the 5.725-5.825 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 EIRP of -17 dBm/MHz (78.3dBuV/m at 3m); for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an EIRP of -27 dBm/MHz (68.3dBuV/m at 3m). 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 |

### 4.7.2. 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 |
| RB / VB (Emission in restricted band) | 1MHz / 3MHz for Peak, 1 MHz / 10Hz for Average |
| RB / VB (Emission in non-restricted band) | 1MHz / 3MHz for Peak |

### 4.7.3. Test Procedures

1. The test procedure is the same as section 4.6.3, only the frequency range investigated is limited to 100MHz around bandedges.
2. In case the emission is fail due to the used RB/VB is too wide, marker-delta method of FCC Public Notice DA00-705 will be followed.

### 4.7.4. Test Setup Layout

This test setup layout is the same as that shown in section 4.6.4.

### 4.7.5. Test Deviation

There is no deviation with the original standard.

### 4.7.6. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 52,60,64 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1 (Ant. 6 Dipole antenna / 8dBi) (1TX) |

**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 | 5130.00 | 40.12 | 54.00 | -13.88 | 3.05 | 3.43 | 33.64 | 0.00 | Average | 100 | 140 | VERTICAL |
| 2 | 5150.00 | 52.00 | 74.00 | -22.00 | 14.90 | 3.43 | 33.67 | 0.00 | Peak | 100 | 140 | VERTICAL |
| 3 | 5266.00 | 116.17 | | | | 3.46 | 33.88 | 0.00 | Peak | 100 | 140 | VERTICAL |
| 4 | 5268.00 | 106.14 | | | | 3.46 | 33.88 | 0.00 | Average | 100 | 140 | VERTICAL |
| 5 | 5418.00 | 48.10 | 54.00 | -5.90 | 10.44 | 3.51 | 34.15 | 0.00 | Average | 100 | 140 | VERTICAL |
| 6 | 5420.00 | 60.42 | 74.00 | -13.58 | 22.76 | 3.51 | 34.15 | 0.00 | Peak | 100 | 140 | 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 | 5292.40 | 115.00 | | | | 3.47 | 33.91 | 0.00 | Peak | 100 | 139 | VERTICAL |
| 2 | 5307.60 | 104.87 | | | | 3.48 | 33.94 | 0.00 | Average | 100 | 139 | VERTICAL |
| 3 | 5350.00 | 50.32 | 54.00 | -3.68 | 12.80 | 3.49 | 34.03 | 0.00 | Average | 100 | 139 | VERTICAL |
| 4 | 5350.40 | 67.13 | 74.00 | -6.87 | 29.61 | 3.49 | 34.03 | 0.00 | Peak | 100 | 139 | 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 | 5324.00 | 114.49 | | | | 3.49 | 33.97 | 0.00 | Peak | 107 | 139 | VERTICAL |
| 2 | 5326.20 | 104.07 | | | | 3.49 | 33.97 | 0.00 | Average | 107 | 139 | VERTICAL |
| 3 | 5350.00 | 52.91 | 54.00 | -1.09 | 15.39 | 3.49 | 34.03 | 0.00 | Average | 107 | 139 | VERTICAL |
| 4 | 5355.20 | 71.90 | 74.00 | -2.10 | 34.38 | 3.49 | 34.03 | 0.00 | Peak | 107 | 139 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 100,140 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1 (Ant. 6 Dipole antenna / 8dBi) (1TX) |

**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 | 5451.40 | 48.99 | 54.00 | -5.01 | 11.26 | 3.52 | 34.21 | 0.00 | Average | 100 | 306 | VERTICAL |
| 2 | 5453.80 | 62.75 | 74.00 | -11.25 | 25.02 | 3.52 | 34.21 | 0.00 | Peak | 100 | 306 | VERTICAL |
| 3 | 5469.60 | 66.90 | 68.30 | -1.40 | 29.14 | 3.52 | 34.24 | 0.00 | Peak | 100 | 306 | VERTICAL |
| 4 | 5502.40 | 111.68 | | | | 3.54 | 34.28 | 0.00 | Peak | 100 | 306 | VERTICAL |
| 5 | 5503.40 | 100.08 | | | | 3.54 | 34.28 | 0.00 | Average | 100 | 306 | VERTICAL |

Item 4, 5 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 | 5700.00 | 108.80 | | | | 3.59 | 34.34 | 0.00 | Peak | 115 | 309 | VERTICAL |
| 2 | 5707.60 | 97.39 | | | | 3.60 | 34.34 | 0.00 | Average | 115 | 309 | VERTICAL |
| 3 | 5725.20 | 67.28 | 68.30 | -1.02 | 29.34 | 3.60 | 34.34 | 0.00 | Peak | 115 | 309 | VERTICAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 52,60,64 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1 (Ant. 6 Dipole antenna / 8dBi) (2TX) |

**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 | 5150.00 | 39.44 | 54.00 | -14.56 | 2.34 | 3.43 | 33.67 | 0.00 | Average | 100 | 131 | VERTICAL |
| 2 | 5150.00 | 52.73 | 74.00 | -21.27 | 15.63 | 3.43 | 33.67 | 0.00 | Peak | 100 | 131 | VERTICAL |
| 3 | 5258.40 | 117.76 | | | | 3.46 | 33.85 | 0.00 | Peak | 100 | 131 | VERTICAL |
| 4 | 5259.20 | 107.98 | | | | 3.46 | 33.85 | 0.00 | Average | 100 | 131 | VERTICAL |
| 5 | 5440.00 | 51.78 | 54.00 | -2.22 | 14.08 | 3.52 | 34.18 | 0.00 | Average | 100 | 131 | VERTICAL |
| 6 | 5440.00 | 61.98 | 74.00 | -12.02 | 24.28 | 3.52 | 34.18 | 0.00 | Peak | 100 | 131 | 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 | 5293.20 | 108.07 | | | | 3.47 | 33.91 | 0.00 | Average | 100 | 284 | VERTICAL |
| 2 | 5293.20 | 117.79 | | | | 3.47 | 33.91 | 0.00 | Peak | 100 | 284 | VERTICAL |
| 3 | 5350.00 | 51.92 | 54.00 | -2.08 | 14.40 | 3.49 | 34.03 | 0.00 | Average | 100 | 284 | VERTICAL |
| 4 | 5354.00 | 70.50 | 74.00 | -3.50 | 32.98 | 3.49 | 34.03 | 0.00 | Peak | 100 | 284 | 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 | 5327.20 | 104.76 | | | | 3.49 | 33.97 | 0.00 | Average | 101 | 131 | VERTICAL |
| 2 | 5327.40 | 114.40 | | | | 3.49 | 33.97 | 0.00 | Peak | 101 | 131 | VERTICAL |
| 3 | 5350.00 | 52.58 | 54.00 | -1.42 | 15.06 | 3.49 | 34.03 | 0.00 | Average | 101 | 131 | VERTICAL |
| 4 | 5350.00 | 70.89 | 74.00 | -3.11 | 33.37 | 3.49 | 34.03 | 0.00 | Peak | 101 | 131 | VERTICAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 100,140 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1 (Ant. 6 Dipole antenna / 8dBi) (2TX) |

**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 | 5452.60 | 60.34 | 74.00 | -13.66 | 22.61 | 3.52 | 34.21 | 0.00 | Peak | 100 | 326 | VERTICAL |
| 2 | 5460.00 | 45.71 | 54.00 | -8.29 | 7.98 | 3.52 | 34.21 | 0.00 | Average | 100 | 326 | VERTICAL |
| 3 | 5466.80 | 66.71 | 68.30 | -1.59 | 28.98 | 3.52 | 34.21 | 0.00 | Peak | 100 | 326 | VERTICAL |
| 4 | 5504.20 | 100.10 | | | | 3.54 | 34.28 | 0.00 | Average | 100 | 326 | VERTICAL |
| 5 | 5505.20 | 111.25 | | | | 3.54 | 34.28 | 0.00 | Peak | 100 | 326 | VERTICAL |

Item 4, 5 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 | 5692.60 | 100.21 | | | | 3.59 | 34.34 | 0.00 | Average | 119 | 290 | VERTICAL |
| 2 | 5692.60 | 113.52 | | | | 3.59 | 34.34 | 0.00 | Peak | 119 | 290 | VERTICAL |
| 3 | 5725.20 | 67.11 | 68.30 | -1.19 | 29.17 | 3.60 | 34.34 | 0.00 | Peak | 119 | 290 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 52,60,64 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1 (Ant. 6 Dipole antenna / 8dBi) (2TX) |

**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 | 5150.00 | 38.78 | 54.00 | -15.22 | 1.68 | 3.43 | 33.67 | 0.00 | Average | 100 | 286 | VERTICAL |
| 2 | 5150.00 | 51.00 | 74.00 | -23.00 | 13.90 | 3.43 | 33.67 | 0.00 | Peak | 100 | 286 | VERTICAL |
| 3 | 5245.60 | 114.42 | | | | 3.46 | 33.85 | 0.00 | Peak | 100 | 286 | VERTICAL |
| 4 | 5247.20 | 104.15 | | | | 3.46 | 33.85 | 0.00 | Average | 100 | 286 | VERTICAL |
| 5 | 5400.40 | 49.05 | 54.00 | -4.95 | 11.42 | 3.51 | 34.12 | 0.00 | Average | 100 | 286 | VERTICAL |
| 6 | 5402.00 | 61.67 | 74.00 | -12.33 | 24.04 | 3.51 | 34.12 | 0.00 | Peak | 100 | 286 | 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 | 5129.20 | 40.09 | 54.00 | -13.91 | 3.02 | 3.43 | 33.64 | 0.00 | Average | 100 | 292 | VERTICAL |
| 2 | 5129.20 | 51.40 | 74.00 | -22.60 | 14.33 | 3.43 | 33.64 | 0.00 | Peak | 100 | 292 | VERTICAL |
| 3 | 5256.80 | 116.44 | | | | 3.46 | 33.85 | 0.00 | Peak | 100 | 292 | VERTICAL |
| 4 | 5262.40 | 105.52 | | | | 3.46 | 33.85 | 0.00 | Average | 100 | 292 | VERTICAL |
| 5 | 5440.40 | 62.05 | 74.00 | -11.95 | 24.35 | 3.52 | 34.18 | 0.00 | Peak | 100 | 292 | VERTICAL |
| 6 | 5440.48 | 52.51 | 54.00 | -1.49 | 14.81 | 3.52 | 34.18 | 0.00 | Average | 100 | 292 | 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 | 5306.40 | 105.76 | | | | 3.48 | 33.94 | 0.00 | Average | 100 | 315 | VERTICAL |
| 2 | 5306.40 | 115.96 | | | | 3.48 | 33.94 | 0.00 | Peak | 100 | 315 | VERTICAL |
| 3 | 5351.60 | 65.00 | 74.00 | -9.00 | 27.48 | 3.49 | 34.03 | 0.00 | Peak | 100 | 315 | VERTICAL |
| 4 | 5439.60 | 52.99 | 54.00 | -1.01 | 15.29 | 3.52 | 34.18 | 0.00 | Average | 100 | 315 | VERTICAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 100,140 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1 (Ant. 6 Dipole antenna / 8dBi) (2TX) |

**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 | 5314.20 | 115.74 | | | | 3.48 | 33.97 | 0.00 | Peak | 100 | 131 | VERTICAL |
| 2 | 5323.60 | 103.63 | | | | 3.49 | 33.97 | 0.00 | Average | 100 | 131 | VERTICAL |
| 3 | 5350.00 | 52.82 | 54.00 | -1.18 | 15.30 | 3.49 | 34.03 | 0.00 | Average | 100 | 131 | VERTICAL |
| 4 | 5350.60 | 67.40 | 74.00 | -6.60 | 29.88 | 3.49 | 34.03 | 0.00 | Peak | 100 | 131 | VERTICAL |

Item 1, 2 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 | 5459.00 | 60.58 | 74.00 | -13.42 | 22.85 | 3.52 | 34.21 | 0.00 | Peak | 100 | 315 | VERTICAL |
| 2 | 5460.00 | 46.63 | 54.00 | -7.37 | 8.90 | 3.52 | 34.21 | 0.00 | Average | 100 | 315 | VERTICAL |
| 3 | 5469.40 | 67.00 | 68.30 | -1.30 | 29.24 | 3.52 | 34.24 | 0.00 | Peak | 100 | 315 | VERTICAL |
| 4 | 5492.80 | 101.10 | | | | 3.53 | 34.26 | 0.00 | Average | 100 | 315 | VERTICAL |
| 5 | 5493.00 | 113.49 | | | | 3.53 | 34.26 | 0.00 | Peak | 100 | 315 | VERTICAL |

Item 4, 5 are the fundamental frequency at 5700 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 52,60,64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1 (Ant. 6 Dipole antenna / 8dBi) (3TX) |

**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 | 5119.62 | 50.38 | 54.00 | -3.62 | 13.34 | 3.43 | 33.61 | 0.00 | Average | 100 | 217 | VERTICAL |
| 2 | 5119.71 | 58.76 | 74.00 | -15.24 | 21.72 | 3.43 | 33.61 | 0.00 | Peak | 100 | 217 | VERTICAL |
| 3 | 5264.81 | 111.84 | | | | 3.46 | 33.88 | 0.00 | Average | 100 | 217 | VERTICAL |
| 4 | 5264.81 | 121.40 | | | | 3.46 | 33.88 | 0.00 | Peak | 100 | 217 | VERTICAL |
| 5 | 5350.00 | 47.91 | 54.00 | -6.09 | 10.39 | 3.49 | 34.03 | 0.00 | Average | 100 | 217 | VERTICAL |
| 6 | 5351.44 | 60.00 | 74.00 | -14.00 | 22.48 | 3.49 | 34.03 | 0.00 | Peak | 100 | 217 | 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 | 5306.73 | 112.46 | | | | 3.48 | 33.94 | 0.00 | Average | 100 | 142 | VERTICAL |
| 2 | 5306.73 | 122.34 | | | | 3.48 | 33.94 | 0.00 | Peak | 100 | 142 | VERTICAL |
| 3 | 5350.00 | 52.88 | 54.00 | -1.12 | 15.36 | 3.49 | 34.03 | 0.00 | Average | 100 | 142 | VERTICAL |
| 4 | 5350.00 | 68.20 | 74.00 | -5.80 | 30.68 | 3.49 | 34.03 | 0.00 | Peak | 100 | 142 | 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 | 5312.31 | 108.12 | | | | 3.48 | 33.94 | 0.00 | Average | 100 | 221 | VERTICAL |
| 2 | 5313.27 | 117.87 | | | | 3.48 | 33.94 | 0.00 | Peak | 100 | 221 | VERTICAL |
| 3 | 5350.00 | 71.45 | 74.00 | -2.55 | 33.93 | 3.49 | 34.03 | 0.00 | Peak | 100 | 221 | VERTICAL |
| 4 | 5350.16 | 52.21 | 54.00 | -1.79 | 14.69 | 3.49 | 34.03 | 0.00 | Average | 100 | 221 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 100,140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1 (Ant. 6 Dipole antenna / 8dBi) (3TX) |

**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 | 5460.00 | 45.46 | 54.00 | -8.54 | 7.73 | 3.52 | 34.21 | 0.00 | Average | 100 | 44 | VERTICAL |
| 2 | 5460.00 | 55.56 | 74.00 | -18.44 | 17.83 | 3.52 | 34.21 | 0.00 | Peak | 100 | 44 | VERTICAL |
| 3 | 5468.24 | 66.63 | 68.30 | -1.67 | 28.87 | 3.52 | 34.24 | 0.00 | Peak | 100 | 44 | VERTICAL |
| 4 | 5495.67 | 111.62 | | | | 3.53 | 34.26 | 0.00 | Peak | 100 | 44 | VERTICAL |
| 5 | 5496.47 | 101.09 | | | | 3.53 | 34.26 | 0.00 | Average | 100 | 44 | VERTICAL |

Item 4, 5 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 | 5706.57 | 103.25 | | | | 3.60 | 34.34 | 0.00 | Average | 100 | 314 | VERTICAL |
| 2 | 5706.57 | 113.74 | | | | 3.60 | 34.34 | 0.00 | Peak | 100 | 314 | VERTICAL |
| 3 | 5725.00 | 66.62 | 68.30 | -1.68 | 28.68 | 3.60 | 34.34 | 0.00 | Peak | 100 | 314 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 52,60,64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1 (Ant. 6 Dipole antenna / 8dBi) (3TX) |

**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 | 5119.62 | 48.20 | 54.00 | -5.80 | 11.16 | 3.43 | 33.61 | 0.00 | Average | 100 | 218 | VERTICAL |
| 2 | 5120.19 | 57.17 | 74.00 | -16.83 | 20.13 | 3.43 | 33.61 | 0.00 | Peak | 100 | 218 | VERTICAL |
| 3 | 5261.92 | 109.13 | | | | 3.46 | 33.85 | 0.00 | Average | 100 | 218 | VERTICAL |
| 4 | 5262.40 | 119.44 | | | | 3.46 | 33.85 | 0.00 | Peak | 100 | 218 | VERTICAL |
| 5 | 5350.00 | 47.33 | 54.00 | -6.67 | 9.81 | 3.49 | 34.03 | 0.00 | Average | 100 | 218 | VERTICAL |
| 6 | 5350.00 | 59.34 | 74.00 | -14.66 | 21.82 | 3.49 | 34.03 | 0.00 | Peak | 100 | 218 | 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 | 5296.15 | 119.95 | | | | 3.47 | 33.91 | 0.00 | Peak | 100 | 138 | VERTICAL |
| 2 | 5307.05 | 109.56 | | | | 3.48 | 33.94 | 0.00 | Average | 100 | 138 | VERTICAL |
| 3 | 5350.00 | 51.67 | 54.00 | -2.33 | 14.15 | 3.49 | 34.03 | 0.00 | Average | 100 | 138 | VERTICAL |
| 4 | 5350.00 | 65.38 | 74.00 | -8.62 | 27.86 | 3.49 | 34.03 | 0.00 | Peak | 100 | 138 | 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 | 5317.92 | 117.90 | | | | 3.48 | 33.97 | 0.00 | Peak | 100 | 222 | VERTICAL |
| 2 | 5319.04 | 106.82 | | | | 3.48 | 33.97 | 0.00 | Average | 100 | 222 | VERTICAL |
| 3 | 5350.00 | 52.17 | 54.00 | -1.83 | 14.65 | 3.49 | 34.03 | 0.00 | Average | 100 | 222 | VERTICAL |
| 4 | 5350.96 | 68.38 | 74.00 | -5.62 | 30.86 | 3.49 | 34.03 | 0.00 | Peak | 100 | 222 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 100,140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1 (Ant. 6 Dipole antenna / 8dBi) (3TX) |

**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 | 5458.56 | 59.01 | 74.00 | -14.99 | 21.28 | 3.52 | 34.21 | 0.00 | Peak | 100 | 77 | VERTICAL |
| 2 | 5460.00 | 45.78 | 54.00 | -8.22 | 8.05 | 3.52 | 34.21 | 0.00 | Average | 100 | 77 | VERTICAL |
| 3 | 5469.36 | 66.83 | 68.30 | -1.47 | 29.07 | 3.52 | 34.24 | 0.00 | Peak | 100 | 77 | VERTICAL |
| 4 | 5491.99 | 102.48 | | | | 3.53 | 34.26 | 0.00 | Average | 100 | 77 | VERTICAL |
| 5 | 5491.99 | 114.73 | | | | 3.53 | 34.26 | 0.00 | Peak | 100 | 77 | VERTICAL |

Item 4, 5 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 | 5693.27 | 103.41 | | | | 3.59 | 34.34 | 0.00 | Average | 100 | 314 | VERTICAL |
| 2 | 5693.75 | 115.98 | | | | 3.59 | 34.34 | 0.00 | Peak | 100 | 314 | VERTICAL |
| 3 | 5725.00 | 66.59 | 68.30 | -1.71 | 28.65 | 3.60 | 34.34 | 0.00 | Peak | 100 | 314 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS16 20MHz<br>Ch 52,60,64<br>/ Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1<br>(Ant. 6 Dipole antenna / 8dBi) (3TX) |

**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 | 5119.71 | 42.91 | 54.00 | -11.09 | 5.87 | 3.43 | 33.61 | 0.00 | Average | 100 | 213 | VERTICAL |
| 2 | 5136.54 | 53.95 | 74.00 | -20.05 | 16.88 | 3.43 | 33.64 | 0.00 | Peak | 100 | 213 | VERTICAL |
| 3 | 5264.81 | 119.44 | | | | 3.46 | 33.88 | 0.00 | Peak | 100 | 213 | VERTICAL |
| 4 | 5265.77 | 107.91 | | | | 3.46 | 33.88 | 0.00 | Average | 100 | 213 | VERTICAL |
| 5 | 5354.81 | 59.71 | 74.00 | -14.29 | 22.19 | 3.49 | 34.03 | 0.00 | Peak | 100 | 213 | VERTICAL |
| 6 | 5400.00 | 47.71 | 54.00 | -6.29 | 10.08 | 3.51 | 34.12 | 0.00 | Average | 100 | 213 | 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 | 5303.85 | 120.47 | | | | 3.48 | 33.94 | 0.00 | Peak | 100 | 216 | VERTICAL |
| 2 | 5307.05 | 108.70 | | | | 3.48 | 33.94 | 0.00 | Average | 100 | 216 | VERTICAL |
| 3 | 5350.00 | 52.25 | 54.00 | -1.75 | 14.73 | 3.49 | 34.03 | 0.00 | Average | 100 | 216 | VERTICAL |
| 4 | 5350.00 | 66.52 | 74.00 | -7.48 | 29.00 | 3.49 | 34.03 | 0.00 | Peak | 100 | 216 | 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 | 5325.93 | 104.55 | | | | 3.49 | 33.97 | 0.00 | Average | 100 | 214 | VERTICAL |
| 2 | 5327.69 | 116.22 | | | | 3.49 | 33.97 | 0.00 | Peak | 100 | 214 | VERTICAL |
| 3 | 5350.00 | 52.56 | 54.00 | -1.44 | 15.04 | 3.49 | 34.03 | 0.00 | Average | 100 | 214 | VERTICAL |
| 4 | 5350.00 | 68.23 | 74.00 | -5.77 | 30.71 | 3.49 | 34.03 | 0.00 | Peak | 100 | 214 | VERTICAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS16 20MHz Ch 100,140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1 (Ant. 6 Dipole antenna / 8dBi) (3TX) |

**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 | 5453.91 | 43.48 | 54.00 | -10.52 | 5.75 | 3.52 | 34.21 | 0.00 | Average | 100 | 225 | VERTICAL |
| 2 | 5455.67 | 58.44 | 74.00 | -15.56 | 20.71 | 3.52 | 34.21 | 0.00 | Peak | 100 | 225 | VERTICAL |
| 3 | 5469.20 | 66.81 | 68.30 | -1.49 | 29.05 | 3.52 | 34.24 | 0.00 | Peak | 100 | 225 | VERTICAL |
| 4 | 5492.79 | 101.22 | | | | 3.53 | 34.26 | 0.00 | Average | 100 | 225 | VERTICAL |
| 5 | 5493.75 | 114.24 | | | | 3.53 | 34.26 | 0.00 | Peak | 100 | 225 | VERTICAL |

Item 4, 5 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 | 5692.95 | 101.61 | | | | 3.59 | 34.34 | 0.00 | Average | 107 | 17 | VERTICAL |
| 2 | 5696.64 | 113.62 | | | | 3.59 | 34.34 | 0.00 | Peak | 107 | 17 | VERTICAL |
| 3 | 5725.48 | 67.26 | 68.30 | -1.04 | 29.32 | 3.60 | 34.34 | 0.00 | Peak | 107 | 17 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 54,62 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1 (Ant. 6 Dipole antenna / 8dBi) (1TX) |

**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 | 5273.20 | 103.22 | | | | 3.47 | 33.88 | 0.00 | Average | 100 | 139 | VERTICAL |
| 2 | 5274.00 | 113.64 | | | | 3.47 | 33.88 | 0.00 | Peak | 100 | 139 | VERTICAL |
| 3 | 5350.00 | 52.83 | 54.00 | -1.17 | 15.31 | 3.49 | 34.03 | 0.00 | Average | 100 | 139 | VERTICAL |
| 4 | 5351.20 | 69.92 | 74.00 | -4.08 | 32.40 | 3.49 | 34.03 | 0.00 | Peak | 100 | 139 | 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 | 5325.60 | 108.83 | | | | 3.49 | 33.97 | 0.00 | Peak | 107 | 137 | VERTICAL |
| 2 | 5326.00 | 98.52 | | | | 3.49 | 33.97 | 0.00 | Average | 107 | 137 | VERTICAL |
| 3 | 5350.00 | 51.84 | 54.00 | -2.16 | 14.32 | 3.49 | 34.03 | 0.00 | Average | 107 | 137 | VERTICAL |
| 4 | 5351.20 | 72.99 | 74.00 | -1.01 | 35.47 | 3.49 | 34.03 | 0.00 | Peak | 107 | 137 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz<br>Ch 102,110,134<br>/ Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1<br>(Ant. 6 Dipole antenna / 8dBi) (1TX) |

**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 | 5460.00 | 48.22 | 54.00 | -5.78 | 10.49 | 3.52 | 34.21 | 0.00 | Average | 100 | 288 | VERTICAL |
| 2 | 5460.00 | 63.39 | 74.00 | -10.61 | 25.66 | 3.52 | 34.21 | 0.00 | Peak | 100 | 288 | VERTICAL |
| 3 | 5469.60 | 66.93 | | | | 3.52 | 34.24 | 0.00 | Peak | 100 | 288 | VERTICAL |
| 4 | 5520.40 | 104.60 | | | | 3.54 | 34.30 | 0.00 | Peak | 100 | 288 | VERTICAL |
| 5 | 5524.00 | 94.27 | | | | 3.54 | 34.30 | 0.00 | Average | 100 | 288 | VERTICAL |

Item 3, 4, 5 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 | 5455.60 | 66.98 | 74.00 | -7.02 | 29.25 | 3.52 | 34.21 | 0.00 | Peak | 100 | 284 | VERTICAL |
| 2 | 5460.00 | 50.72 | 54.00 | -3.28 | 12.99 | 3.52 | 34.21 | 0.00 | Average | 100 | 284 | VERTICAL |
| 3 | 5470.00 | 66.86 | 68.30 | -1.44 | 29.10 | 3.52 | 34.24 | 0.00 | Peak | 100 | 284 | VERTICAL |
| 4 | 5532.80 | 101.48 | | | | 3.55 | 34.30 | 0.00 | Average | 100 | 284 | VERTICAL |
| 5 | 5534.80 | 111.74 | | | | 3.55 | 34.30 | 0.00 | Peak | 100 | 284 | VERTICAL |

Item 4, 5 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 | 5673.20 | 98.06 | | | | 3.59 | 34.33 | 0.00 | Average | 107 | 336 | VERTICAL |
| 2 | 5673.20 | 109.21 | | | | 3.59 | 34.33 | 0.00 | Peak | 107 | 336 | VERTICAL |
| 3 | 5725.40 | 67.11 | 68.30 | -1.19 | 29.17 | 3.60 | 34.34 | 0.00 | Peak | 107 | 336 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 54,62 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1 (Ant. 6 Dipole antenna / 8dBi) (2TX) |

**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 | 5135.60 | 55.80 | 74.00 | -18.20 | 18.73 | 3.43 | 33.64 | 0.00 | Peak | 100 | 290 | VERTICAL |
| 2 | 5139.60 | 39.65 | 54.00 | -14.35 | 2.58 | 3.43 | 33.64 | 0.00 | Average | 100 | 290 | VERTICAL |
| 3 | 5255.60 | 103.65 | | | | 3.46 | 33.85 | 0.00 | Average | 100 | 290 | VERTICAL |
| 4 | 5256.40 | 114.34 | | | | 3.46 | 33.85 | 0.00 | Peak | 100 | 290 | VERTICAL |
| 5 | 5352.40 | 68.28 | 74.00 | -5.72 | 30.76 | 3.49 | 34.03 | 0.00 | Peak | 100 | 290 | VERTICAL |
| 6 | 5355.60 | 52.99 | 54.00 | -1.01 | 15.47 | 3.49 | 34.03 | 0.00 | Average | 100 | 290 | 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 | 5326.80 | 109.25 | | | | 3.49 | 33.97 | 0.00 | Peak | 100 | 130 | VERTICAL |
| 2 | 5327.60 | 99.23 | | | | 3.49 | 33.97 | 0.00 | Average | 100 | 130 | VERTICAL |
| 3 | 5350.00 | 50.55 | 54.00 | -3.45 | 13.03 | 3.49 | 34.03 | 0.00 | Average | 100 | 130 | VERTICAL |
| 4 | 5350.40 | 71.61 | 74.00 | -2.39 | 34.09 | 3.49 | 34.03 | 0.00 | Peak | 100 | 130 | VERTICAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz<br>Ch 102,110,134<br>/ Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1<br>(Ant. 6 Dipole antenna / 8dBi) (2TX) |

**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 | 5440.00 | 47.26 | 54.00 | -6.74 | 9.56 | 3.52 | 34.18 | 0.00 | Average | 100 | 288 | VERTICAL |
| 2 | 5460.00 | 58.80 | 74.00 | -15.20 | 21.07 | 3.52 | 34.21 | 0.00 | Peak | 100 | 288 | VERTICAL |
| 3 | 5467.60 | 66.81 | 68.30 | -1.49 | 29.05 | 3.52 | 34.24 | 0.00 | Peak | 100 | 288 | VERTICAL |
| 4 | 5524.40 | 106.70 | | | | 3.54 | 34.30 | 0.00 | Peak | 100 | 288 | VERTICAL |
| 5 | 5524.80 | 95.21 | | | | 3.54 | 34.30 | 0.00 | Average | 100 | 288 | VERTICAL |

Item 4, 5 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 | 5439.20 | 61.18 | 74.00 | -12.82 | 23.48 | 3.52 | 34.18 | 0.00 | Peak | 111 | 327 | VERTICAL |
| 2 | 5439.60 | 51.82 | 54.00 | -2.18 | 14.12 | 3.52 | 34.18 | 0.00 | Average | 111 | 327 | VERTICAL |
| 3 | 5469.20 | 60.46 | 68.30 | -7.84 | 22.70 | 3.52 | 34.24 | 0.00 | Peak | 111 | 327 | VERTICAL |
| 4 | 5542.00 | 110.19 | | | | 3.55 | 34.31 | 0.00 | Peak | 111 | 327 | VERTICAL |
| 5 | 5542.80 | 99.64 | | | | 3.55 | 34.31 | 0.00 | Average | 111 | 327 | VERTICAL |

Item 4, 5 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 | 5440.00 | 52.13 | 54.00 | -1.87 | 14.43 | 3.52 | 34.18 | 0.00 | Average | 111 | 327 | VERTICAL |
| 2 | 5440.00 | 60.46 | 74.00 | -13.54 | 22.76 | 3.52 | 34.18 | 0.00 | Peak | 111 | 327 | VERTICAL |
| 3 | 5685.00 | 101.13 | | | | 3.59 | 34.33 | 0.00 | Average | 111 | 327 | VERTICAL |
| 4 | 5685.00 | 111.17 | | | | 3.59 | 34.33 | 0.00 | Peak | 111 | 327 | VERTICAL |
| 5 | 5726.00 | 66.42 | 68.30 | -1.88 | 28.48 | 3.60 | 34.34 | 0.00 | Peak | 111 | 327 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5670 MHz.

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 54, 62 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1 (Ant. 6 Dipole antenna / 8dBi) (2TX) |

**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 | 5150.00 | 39.55 | 54.00 | -14.45 | 2.45 | 3.43 | 33.67 | 0.00 | Average | 100 | 291 | VERTICAL |
| 2 | 5150.00 | 51.16 | 74.00 | -22.84 | 14.06 | 3.43 | 33.67 | 0.00 | Peak | 100 | 291 | VERTICAL |
| 3 | 5257.20 | 102.84 | | | | 3.46 | 33.85 | 0.00 | Average | 100 | 291 | VERTICAL |
| 4 | 5257.20 | 113.78 | | | | 3.46 | 33.85 | 0.00 | Peak | 100 | 291 | VERTICAL |
| 5 | 5356.40 | 52.70 | 54.00 | -1.30 | 15.18 | 3.49 | 34.03 | 0.00 | Average | 100 | 291 | VERTICAL |
| 6 | 5360.40 | 67.03 | 74.00 | -6.97 | 29.51 | 3.49 | 34.03 | 0.00 | Peak | 100 | 291 | 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 | 5323.20 | 110.41 | | | | 3.49 | 33.97 | 0.00 | Peak | 100 | 130 | VERTICAL |
| 2 | 5324.00 | 98.68 | | | | 3.49 | 33.97 | 0.00 | Average | 100 | 130 | VERTICAL |
| 3 | 5350.00 | 52.77 | 54.00 | -1.23 | 15.25 | 3.49 | 34.03 | 0.00 | Average | 100 | 130 | VERTICAL |
| 4 | 5352.80 | 72.10 | 74.00 | -1.90 | 34.58 | 3.49 | 34.03 | 0.00 | Peak | 100 | 130 | VERTICAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz<br>Ch 102, 110, 134<br>/ Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1<br>(Ant. 6 Dipole antenna / 8dBi) (2TX) |

**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 | 5460.00 | 47.38 | 54.00 | -6.62 | 9.65 | 3.52 | 34.21 | 0.00 | Average | 100 | 289 | VERTICAL |
| 2 | 5460.00 | 60.41 | 74.00 | -13.59 | 22.68 | 3.52 | 34.21 | 0.00 | Peak | 100 | 289 | VERTICAL |
| 3 | 5468.00 | 66.71 | 68.30 | -1.59 | 28.95 | 3.52 | 34.24 | 0.00 | Peak | 100 | 289 | VERTICAL |
| 4 | 5523.60 | 94.55 | | | | 3.54 | 34.30 | 0.00 | Average | 100 | 289 | VERTICAL |
| 5 | 5524.00 | 107.01 | | | | 3.54 | 34.30 | 0.00 | Peak | 100 | 289 | VERTICAL |

Item 4, 5 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 | 5439.60 | 50.38 | 54.00 | -3.62 | 12.68 | 3.52 | 34.18 | 0.00 | Average | 101 | 267 | VERTICAL |
| 2 | 5439.60 | 61.18 | 74.00 | -12.82 | 23.48 | 3.52 | 34.18 | 0.00 | Peak | 101 | 267 | VERTICAL |
| 3 | 5467.60 | 61.50 | 68.30 | -6.80 | 23.74 | 3.52 | 34.24 | 0.00 | Peak | 101 | 267 | VERTICAL |
| 4 | 5534.80 | 109.74 | | | | 3.55 | 34.30 | 0.00 | Peak | 101 | 267 | VERTICAL |
| 5 | 5538.00 | 99.28 | | | | 3.55 | 34.31 | 0.00 | Average | 101 | 267 | VERTICAL |

Item 4, 5 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 | 5682.40 | 112.95 | | | | 3.59 | 34.33 | 0.00 | Peak | 116 | 310 | VERTICAL |
| 2 | 5683.60 | 100.67 | | | | 3.59 | 34.33 | 0.00 | Average | 116 | 310 | VERTICAL |
| 3 | 5725.40 | 66.86 | 68.30 | -1.44 | 28.92 | 3.60 | 34.34 | 0.00 | Peak | 116 | 310 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 54,62 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1 (Ant. 6 Dipole antenna / 8dBi) (3TX) |

**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 | 5282.82 | 107.09 | | | | 3.47 | 33.91 | 0.00 | Average | 100 | 228 | VERTICAL |
| 2 | 5282.82 | 117.00 | | | | 3.47 | 33.91 | 0.00 | Peak | 100 | 228 | VERTICAL |
| 3 | 5353.21 | 68.29 | 74.00 | -5.71 | 30.77 | 3.49 | 34.03 | 0.00 | Peak | 100 | 228 | VERTICAL |
| 4 | 5359.94 | 52.83 | 54.00 | -1.17 | 15.31 | 3.49 | 34.03 | 0.00 | Average | 100 | 228 | 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 | 5317.37 | 112.75 | | | | 3.48 | 33.97 | 0.00 | Peak | 100 | 140 | VERTICAL |
| 2 | 5318.01 | 102.80 | | | | 3.48 | 33.97 | 0.00 | Average | 100 | 140 | VERTICAL |
| 3 | 5350.32 | 69.46 | 74.00 | -4.54 | 31.94 | 3.49 | 34.03 | 0.00 | Peak | 100 | 140 | VERTICAL |
| 4 | 5359.94 | 52.98 | 54.00 | -1.02 | 15.46 | 3.49 | 34.03 | 0.00 | Average | 100 | 140 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz<br>Ch 102,110,134<br>/ Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1<br>(Ant. 6 Dipole antenna / 8dBi) (3TX) |

**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 | 5439.81 | 47.43 | 54.00 | -6.57 | 9.73 | 3.52 | 34.18 | 0.00 | Average | 100 | 45 | VERTICAL |
| 2 | 5460.00 | 58.34 | 74.00 | -15.66 | 20.61 | 3.52 | 34.21 | 0.00 | Peak | 100 | 45 | VERTICAL |
| 3 | 5469.68 | 66.40 | 68.30 | -1.90 | 28.64 | 3.52 | 34.24 | 0.00 | Peak | 100 | 45 | VERTICAL |
| 4 | 5492.69 | 97.56 | | | | 3.53 | 34.26 | 0.00 | Average | 100 | 45 | VERTICAL |
| 5 | 5493.33 | 107.55 | | | | 3.53 | 34.26 | 0.00 | Peak | 100 | 45 | VERTICAL |

Item 4, 5 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 | 5459.36 | 63.56 | 74.00 | -10.44 | 25.83 | 3.52 | 34.21 | 0.00 | Peak | 100 | 59 | VERTICAL |
| 2 | 5460.00 | 47.95 | 54.00 | -6.05 | 10.22 | 3.52 | 34.21 | 0.00 | Average | 100 | 59 | VERTICAL |
| 3 | 5470.00 | 66.56 | 68.30 | -1.74 | 28.80 | 3.52 | 34.24 | 0.00 | Peak | 100 | 59 | VERTICAL |
| 4 | 5539.74 | 105.03 | | | | 3.55 | 34.31 | 0.00 | Average | 100 | 59 | VERTICAL |
| 5 | 5540.71 | 115.41 | | | | 3.55 | 34.31 | 0.00 | Peak | 100 | 59 | VERTICAL |

Item 4, 5 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 | 5682.18 | 103.70 | | | | 3.59 | 34.33 | 0.00 | Peak | 100 | 41 | VERTICAL |
| 2 | 5682.82 | 113.89 | | | | 3.59 | 34.33 | 0.00 | Average | 100 | 41 | VERTICAL |
| 3 | 5725.00 | 66.82 | 68.30 | -1.48 | 28.88 | 3.60 | 34.34 | 0.00 | Average | 100 | 41 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 54,62 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1 (Ant. 6 Dipole antenna / 8dBi) (3TX) |

**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 | 5253.97 | 105.35 | | | | 3.46 | 33.85 | 0.00 | Average | 100 | 215 | VERTICAL |
| 2 | 5254.94 | 116.82 | | | | 3.46 | 33.85 | 0.00 | Peak | 100 | 215 | VERTICAL |
| 3 | 5350.00 | 52.17 | 54.00 | -1.83 | 14.65 | 3.49 | 34.03 | 0.00 | Average | 100 | 215 | VERTICAL |
| 4 | 5351.60 | 66.51 | 74.00 | -7.49 | 28.99 | 3.49 | 34.03 | 0.00 | Peak | 100 | 215 | 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 | 5119.36 | 50.73 | 54.00 | -3.27 | 13.69 | 3.43 | 33.61 | 0.00 | Average | 100 | 222 | VERTICAL |
| 2 | 5119.87 | 58.76 | 74.00 | -15.24 | 21.72 | 3.43 | 33.61 | 0.00 | Peak | 100 | 222 | VERTICAL |
| 3 | 5314.49 | 111.28 | | | | 3.48 | 33.97 | 0.00 | Peak | 100 | 222 | VERTICAL |
| 4 | 5325.39 | 100.41 | | | | 3.49 | 33.97 | 0.00 | Average | 100 | 222 | VERTICAL |
| 5 | 5350.00 | 52.42 | 54.00 | -1.58 | 14.90 | 3.49 | 34.03 | 0.00 | Average | 100 | 222 | VERTICAL |
| 6 | 5350.00 | 66.77 | 74.00 | -7.23 | 29.25 | 3.49 | 34.03 | 0.00 | Peak | 100 | 222 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5310 MHz.

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz<br>Ch 102, 110, 134<br>/ Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1<br>(Ant. 6 Dipole antenna / 8dBi) (3TX) |

**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 | 5439.81 | 50.54 | 54.00 | -3.46 | 12.84 | 3.52 | 34.18 | 0.00 | Average | 100 | 78 | VERTICAL |
| 2 | 5459.68 | 59.62 | 74.00 | -14.38 | 21.89 | 3.52 | 34.21 | 0.00 | Peak | 100 | 78 | VERTICAL |
| 3 | 5470.00 | 66.56 | 68.30 | -1.74 | 28.80 | 3.52 | 34.24 | 0.00 | Peak | 100 | 78 | VERTICAL |
| 4 | 5499.74 | 94.67 | | | | 3.53 | 34.26 | 0.00 | Average | 100 | 78 | VERTICAL |
| 5 | 5499.74 | 106.33 | | | | 3.53 | 34.26 | 0.00 | Peak | 100 | 78 | VERTICAL |

Item 4, 5 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 | 5460.00 | 46.82 | 54.00 | -7.18 | 9.09 | 3.52 | 34.21 | 0.00 | Average | 100 | 60 | VERTICAL |
| 2 | 5460.00 | 58.80 | 74.00 | -15.20 | 21.07 | 3.52 | 34.21 | 0.00 | Peak | 100 | 60 | VERTICAL |
| 3 | 5469.68 | 66.44 | 68.30 | -1.86 | 28.68 | 3.52 | 34.24 | 0.00 | Peak | 100 | 60 | VERTICAL |
| 4 | 5535.58 | 103.03 | | | | 3.55 | 34.31 | 0.00 | Average | 100 | 60 | VERTICAL |
| 5 | 5541.35 | 114.40 | | | | 3.55 | 34.31 | 0.00 | Peak | 100 | 60 | VERTICAL |

Item 4, 5 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 | 5683.78 | 113.60 | | | | 3.59 | 34.33 | 0.00 | Average | 100 | 12 | VERTICAL |
| 2 | 5685.06 | 102.53 | | | | 3.59 | 34.33 | 0.00 | Peak | 100 | 12 | VERTICAL |
| 3 | 5725.32 | 66.34 | 68.30 | -1.96 | 28.40 | 3.60 | 34.34 | 0.00 | Average | 100 | 12 | VERTICAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS16 40MHz Ch 54, 62 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1 (Ant. 6 Dipole antenna / 8dBi) (3TX) |

**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 | 5268.40 | 115.72 | | | | 3.46 | 33.88 | 0.00 | Peak | 100 | 213 | VERTICAL |
| 2 | 5273.85 | 103.55 | | | | 3.47 | 33.88 | 0.00 | Average | 100 | 213 | VERTICAL |
| 3 | 5350.00 | 52.91 | 54.00 | -1.09 | 15.39 | 3.49 | 34.03 | 0.00 | Average | 100 | 213 | VERTICAL |
| 4 | 5350.00 | 65.78 | 74.00 | -8.22 | 28.26 | 3.49 | 34.03 | 0.00 | Peak | 100 | 213 | 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 | 5319.62 | 110.99 | | | | 3.48 | 33.97 | 0.00 | Peak | 100 | 209 | VERTICAL |
| 2 | 5323.78 | 98.84 | | | | 3.49 | 33.97 | 0.00 | Average | 100 | 209 | VERTICAL |
| 3 | 5350.00 | 52.57 | 54.00 | -1.43 | 15.05 | 3.49 | 34.03 | 0.00 | Average | 100 | 209 | VERTICAL |
| 4 | 5350.96 | 69.27 | 74.00 | -4.73 | 31.75 | 3.49 | 34.03 | 0.00 | Peak | 100 | 209 | VERTICAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS16 40MHz<br>Ch 102, 110, 134<br>/ Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1<br>(Ant. 6 Dipole antenna / 8dBi) (3TX) |

**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 | 5459.36 | 59.38 | 74.00 | -14.62 | 21.65 | 3.52 | 34.21 | 0.00 | Peak | 100 | 308 | VERTICAL |
| 2 | 5460.00 | 46.67 | 54.00 | -7.33 | 8.94 | 3.52 | 34.21 | 0.00 | Average | 100 | 308 | VERTICAL |
| 3 | 5469.68 | 66.63 | 68.30 | -1.67 | 28.87 | 3.52 | 34.24 | 0.00 | Peak | 100 | 308 | VERTICAL |
| 4 | 5524.74 | 106.20 | | | | 3.54 | 34.30 | 0.00 | Peak | 100 | 308 | VERTICAL |
| 5 | 5525.39 | 94.31 | | | | 3.54 | 34.30 | 0.00 | Average | 100 | 308 | VERTICAL |

Item 4, 5 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 | 5456.15 | 64.33 | 74.00 | -9.67 | 26.60 | 3.52 | 34.21 | 0.00 | Peak | 100 | 309 | VERTICAL |
| 2 | 5460.00 | 49.37 | 54.00 | -4.63 | 11.64 | 3.52 | 34.21 | 0.00 | Average | 100 | 309 | VERTICAL |
| 3 | 5469.36 | 67.03 | 68.30 | -1.27 | 29.27 | 3.52 | 34.24 | 0.00 | Peak | 100 | 309 | VERTICAL |
| 4 | 5534.62 | 115.35 | | | | 3.55 | 34.30 | 0.00 | Peak | 100 | 309 | VERTICAL |
| 5 | 5534.94 | 103.30 | | | | 3.55 | 34.30 | 0.00 | Average | 100 | 309 | VERTICAL |

Item 4, 5 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 | 5685.06 | 100.73 | | | | 3.59 | 34.33 | 0.00 | Average | 100 | 29 | VERTICAL |
| 2 | 5686.03 | 113.05 | | | | 3.59 | 34.33 | 0.00 | Peak | 100 | 29 | VERTICAL |
| 3 | 5725.32 | 66.43 | 68.30 | -1.87 | 28.49 | 3.60 | 34.34 | 0.00 | Peak | 100 | 29 | VERTICAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 52,60,64 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1 (Ant. 6 Dipole antenna / 8dBi) (1TX) |

**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 | 5131.00 | 40.09 | 54.00 | -13.91 | 3.02 | 3.43 | 33.64 | 0.00 | Average | 100 | 140 | VERTICAL |
| 2 | 5137.00 | 53.85 | 74.00 | -20.15 | 16.78 | 3.43 | 33.64 | 0.00 | Peak | 100 | 140 | VERTICAL |
| 3 | 5266.00 | 117.06 | | | | 3.46 | 33.88 | 0.00 | Peak | 100 | 140 | VERTICAL |
| 4 | 5267.00 | 106.72 | | | | 3.46 | 33.88 | 0.00 | Average | 100 | 140 | VERTICAL |
| 5 | 5416.00 | 61.88 | 74.00 | -12.12 | 24.22 | 3.51 | 34.15 | 0.00 | Peak | 100 | 140 | VERTICAL |
| 6 | 5418.00 | 48.17 | 54.00 | -5.83 | 10.51 | 3.51 | 34.15 | 0.00 | Average | 100 | 140 | 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 | 5296.40 | 115.44 | | | | 3.47 | 33.91 | 0.00 | Peak | 100 | 138 | VERTICAL |
| 2 | 5307.20 | 105.10 | | | | 3.48 | 33.94 | 0.00 | Average | 100 | 138 | VERTICAL |
| 3 | 5350.00 | 50.35 | 54.00 | -3.65 | 12.83 | 3.49 | 34.03 | 0.00 | Average | 100 | 138 | VERTICAL |
| 4 | 5351.60 | 67.27 | 74.00 | -6.73 | 29.75 | 3.49 | 34.03 | 0.00 | Peak | 100 | 138 | 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 | 5324.00 | 114.57 | | | | 3.49 | 33.97 | 0.00 | Peak | 107 | 139 | VERTICAL |
| 2 | 5326.00 | 104.65 | | | | 3.49 | 33.97 | 0.00 | Average | 107 | 139 | VERTICAL |
| 3 | 5350.00 | 52.73 | 54.00 | -1.27 | 15.21 | 3.49 | 34.03 | 0.00 | Average | 107 | 139 | VERTICAL |
| 4 | 5350.40 | 70.21 | 74.00 | -3.79 | 32.69 | 3.49 | 34.03 | 0.00 | Peak | 107 | 139 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 100,140 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1 (Ant. 6 Dipole antenna / 8dBi) (1TX) |

**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 | 5452.60 | 49.06 | 54.00 | -4.94 | 11.33 | 3.52 | 34.21 | 0.00 | Average | 100 | 307 | VERTICAL |
| 2 | 5459.80 | 62.45 | 74.00 | -11.55 | 24.72 | 3.52 | 34.21 | 0.00 | Peak | 100 | 307 | VERTICAL |
| 3 | 5468.80 | 66.85 | 68.30 | -1.45 | 29.09 | 3.52 | 34.24 | 0.00 | Peak | 100 | 307 | VERTICAL |
| 4 | 5503.00 | 101.47 | | | | 3.54 | 34.28 | 0.00 | Average | 100 | 307 | VERTICAL |
| 5 | 5504.40 | 112.90 | | | | 3.54 | 34.28 | 0.00 | Peak | 100 | 307 | VERTICAL |

Item 4, 5 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 | 5699.60 | 110.00 | | | | 3.59 | 34.34 | 0.00 | Peak | 114 | 313 | VERTICAL |
| 2 | 5707.20 | 98.78 | | | | 3.60 | 34.34 | 0.00 | Average | 114 | 313 | VERTICAL |
| 3 | 5725.40 | 67.28 | 68.30 | -1.02 | 29.34 | 3.60 | 34.34 | 0.00 | Peak | 114 | 313 | VERTICAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 52,60,64 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1 (Ant. 6 Dipole antenna / 8dBi) (2TX) |

**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 | 5148.40 | 52.83 | 74.00 | -21.17 | 15.73 | 3.43 | 33.67 | 0.00 | Peak | 100 | 133 | VERTICAL |
| 2 | 5150.00 | 39.31 | 54.00 | -14.69 | 2.21 | 3.43 | 33.67 | 0.00 | Average | 100 | 133 | VERTICAL |
| 3 | 5257.60 | 117.80 | | | | 3.46 | 33.85 | 0.00 | Peak | 100 | 133 | VERTICAL |
| 4 | 5262.40 | 107.77 | | | | 3.46 | 33.85 | 0.00 | Average | 100 | 133 | VERTICAL |
| 5 | 5440.00 | 52.93 | 54.00 | -1.07 | 15.23 | 3.52 | 34.18 | 0.00 | Average | 100 | 133 | VERTICAL |
| 6 | 5440.00 | 61.50 | 74.00 | -12.50 | 23.80 | 3.52 | 34.18 | 0.00 | Peak | 100 | 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 | 5304.40 | 117.64 | | | | 3.48 | 33.94 | 0.00 | Peak | 100 | 314 | VERTICAL |
| 2 | 5305.20 | 108.43 | | | | 3.48 | 33.94 | 0.00 | Average | 100 | 314 | VERTICAL |
| 3 | 5355.20 | 69.08 | 74.00 | -4.92 | 31.56 | 3.49 | 34.03 | 0.00 | Peak | 100 | 314 | VERTICAL |
| 4 | 5360.40 | 49.17 | 54.00 | -4.83 | 11.65 | 3.49 | 34.03 | 0.00 | Average | 100 | 314 | 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 | 5325.00 | 106.60 | | | | 3.49 | 33.97 | 0.00 | Average | 100 | 190 | VERTICAL |
| 2 | 5325.00 | 116.75 | | | | 3.49 | 33.97 | 0.00 | Peak | 100 | 190 | VERTICAL |
| 3 | 5350.20 | 52.85 | 54.00 | -1.15 | 15.33 | 3.49 | 34.03 | 0.00 | Average | 100 | 190 | VERTICAL |
| 4 | 5350.20 | 70.19 | 74.00 | -3.81 | 32.67 | 3.49 | 34.03 | 0.00 | Peak | 100 | 190 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 100,140 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1 (Ant. 6 Dipole antenna / 8dBi) (2TX) |

**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 | 5460.00 | 45.22 | 54.00 | -8.78 | 7.49 | 3.52 | 34.21 | 0.00 | Average | 100 | 325 | VERTICAL |
| 2 | 5460.00 | 57.31 | 74.00 | -16.69 | 19.58 | 3.52 | 34.21 | 0.00 | Peak | 100 | 325 | VERTICAL |
| 3 | 5469.20 | 67.18 | 68.30 | -1.12 | 29.42 | 3.52 | 34.24 | 0.00 | Peak | 100 | 325 | VERTICAL |
| 4 | 5493.40 | 103.10 | | | | 3.53 | 34.26 | 0.00 | Average | 100 | 325 | VERTICAL |
| 5 | 5493.80 | 113.18 | | | | 3.53 | 34.26 | 0.00 | Peak | 100 | 325 | VERTICAL |

Item4, 5 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 | 5696.20 | 101.93 | | | | 3.59 | 34.34 | 0.00 | Average | 124 | 291 | VERTICAL |
| 2 | 5696.20 | 112.62 | | | | 3.59 | 34.34 | 0.00 | Peak | 124 | 291 | VERTICAL |
| 3 | 5726.80 | 66.34 | 68.30 | -1.96 | 28.40 | 3.60 | 34.34 | 0.00 | Peak | 124 | 291 | VERTICAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 52,60,64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1 (Ant. 6 Dipole antenna / 8dBi) (3TX) |

**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 | 4999.04 | 57.55 | 74.00 | -16.45 | 20.76 | 3.39 | 33.40 | 0.00 | Peak | 100 | 193 | VERTICAL |
| 2 | 4999.42 | 48.89 | 54.00 | -5.11 | 12.10 | 3.39 | 33.40 | 0.00 | Average | 100 | 193 | VERTICAL |
| 3 | 5256.15 | 111.23 | 68.30 | 42.93 | 73.92 | 3.46 | 33.85 | 0.00 | Average | 100 | 193 | VERTICAL |
| 4 | 5256.15 | 121.24 | | | | 3.46 | 33.85 | 0.00 | Peak | 100 | 193 | VERTICAL |
| 5 | 5256.15 | 121.54 | | | | 3.46 | 33.85 | 0.00 | Peak | 100 | 193 | VERTICAL |
| 6 | 5359.62 | 46.09 | 54.00 | -7.91 | 8.57 | 3.49 | 34.03 | 0.00 | Average | 100 | 193 | VERTICAL |
| 7 | 5391.35 | 59.34 | 74.00 | -14.66 | 21.75 | 3.50 | 34.09 | 0.00 | Peak | 100 | 193 | VERTICAL |

Item 4, 5 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 | 5305.13 | 111.97 | | | | 3.48 | 33.94 | 0.00 | Average | 100 | 215 | VERTICAL |
| 2 | 5305.13 | 121.78 | | | | 3.48 | 33.94 | 0.00 | Peak | 100 | 215 | VERTICAL |
| 3 | 5350.00 | 52.28 | 54.00 | -1.72 | 14.76 | 3.49 | 34.03 | 0.00 | Average | 100 | 215 | VERTICAL |
| 4 | 5350.00 | 68.73 | 74.00 | -5.27 | 31.21 | 3.49 | 34.03 | 0.00 | Peak | 100 | 215 | 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 | 5315.67 | 108.44 | | | | 3.48 | 33.97 | 0.00 | Average | 100 | 125 | VERTICAL |
| 2 | 5315.83 | 118.46 | | | | 3.48 | 33.97 | 0.00 | Peak | 100 | 125 | VERTICAL |
| 3 | 5351.12 | 52.81 | 54.00 | -1.19 | 15.29 | 3.49 | 34.03 | 0.00 | Average | 100 | 125 | VERTICAL |
| 4 | 5351.12 | 72.30 | 74.00 | -1.70 | 34.78 | 3.49 | 34.03 | 0.00 | Peak | 100 | 125 | VERTICAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 100,140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 1 (Ant. 6 Dipole antenna / 8dBi) (3TX) |

**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 | 5453.43 | 45.83 | 54.00 | -8.17 | 8.10 | 3.52 | 34.21 | 0.00 | Average | 100 | 77 | VERTICAL |
| 2 | 5458.24 | 59.70 | 74.00 | -14.30 | 21.97 | 3.52 | 34.21 | 0.00 | Peak | 100 | 77 | VERTICAL |
| 3 | 5467.44 | 67.04 | 68.30 | -1.26 | 29.28 | 3.52 | 34.24 | 0.00 | Peak | 100 | 77 | VERTICAL |
| 4 | 5497.12 | 113.30 | | | | 3.53 | 34.26 | 0.00 | Peak | 100 | 77 | VERTICAL |
| 5 | 5497.60 | 102.92 | | | | 3.53 | 34.26 | 0.00 | Average | 100 | 77 | VERTICAL |

Item 4, 5 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 | 5704.65 | 103.07 | | | | 3.59 | 34.34 | 0.00 | Average | 100 | 18 | VERTICAL |
| 2 | 5705.29 | 113.76 | | | | 3.60 | 34.34 | 0.00 | Peak | 100 | 18 | VERTICAL |
| 3 | 5725.16 | 66.85 | 68.30 | -1.45 | 28.91 | 3.60 | 34.34 | 0.00 | Peak | 100 | 18 | VERTICAL |

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

Note:

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

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 52,60,64 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 2 (Ant. 7 Patch antenna / 2.3dBi) (1TX) |

**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 | 5131.40 | 40.37 | 54.00 | -13.63 | 3.30 | 3.43 | 33.64 | 0.00 | Average | 171 | 34 | HORIZONTAL |
| 2 | 5144.60 | 53.76 | 74.00 | -20.24 | 16.66 | 3.43 | 33.67 | 0.00 | Peak | 171 | 34 | HORIZONTAL |
| 3 | 5266.00 | 112.19 | | | | 3.46 | 33.88 | 0.00 | Peak | 171 | 34 | HORIZONTAL |
| 4 | 5267.20 | 101.57 | | | | 3.46 | 33.88 | 0.00 | Average | 171 | 34 | HORIZONTAL |
| 5 | 5389.60 | 59.32 | 74.00 | -14.68 | 21.73 | 3.50 | 34.09 | 0.00 | Peak | 171 | 34 | HORIZONTAL |
| 6 | 5393.80 | 45.44 | 54.00 | -8.56 | 7.85 | 3.50 | 34.09 | 0.00 | Average | 171 | 34 | HORIZONTAL |

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 | 5304.00 | 112.09 | | | | 3.48 | 33.94 | 0.00 | Peak | 175 | 38 | HORIZONTAL |
| 2 | 5306.40 | 101.98 | | | | 3.48 | 33.94 | 0.00 | Average | 175 | 38 | HORIZONTAL |
| 3 | 5350.00 | 47.90 | 54.00 | -6.10 | 10.38 | 3.49 | 34.03 | 0.00 | Average | 175 | 38 | HORIZONTAL |
| 4 | 5353.20 | 64.47 | 74.00 | -9.53 | 26.95 | 3.49 | 34.03 | 0.00 | Peak | 175 | 38 | HORIZONTAL |

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 | 5326.40 | 111.02 | | | | 3.49 | 33.97 | 0.00 | Peak | 178 | 44 | HORIZONTAL |
| 2 | 5326.80 | 100.16 | | | | 3.49 | 33.97 | 0.00 | Average | 178 | 44 | HORIZONTAL |
| 3 | 5350.00 | 52.81 | 54.00 | -1.19 | 15.29 | 3.49 | 34.03 | 0.00 | Average | 178 | 44 | HORIZONTAL |
| 4 | 5350.40 | 71.68 | 74.00 | -2.32 | 34.16 | 3.49 | 34.03 | 0.00 | Peak | 178 | 44 | HORIZONTAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 100,140 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 2 (Ant. 7 Patch antenna / 2.3dBi) (1TX) |

**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 | 5460.00 | 45.41 | 54.00 | -8.59 | 7.70 | 3.52 | 34.19 | 0.00 | Average | 192 | 28 | HORIZONTAL |
| 2 | 5460.00 | 63.28 | 74.00 | -10.72 | 25.57 | 3.52 | 34.19 | 0.00 | Peak | 192 | 28 | HORIZONTAL |
| 3 | 5469.80 | 67.19 | 68.30 | -1.11 | 29.46 | 3.52 | 34.21 | 0.00 | Peak | 192 | 28 | HORIZONTAL |
| 4 | 5493.20 | 97.43 | | | | 3.53 | 34.23 | 0.00 | Average | 192 | 28 | HORIZONTAL |
| 5 | 5496.60 | 108.17 | | | | 3.53 | 34.23 | 0.00 | Peak | 192 | 28 | HORIZONTAL |

Item 4, 5 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 | 5696.20 | 96.44 | | | | 3.59 | 34.34 | 0.00 | Average | 181 | 301 | HORIZONTAL |
| 2 | 5696.60 | 107.74 | | | | 3.59 | 34.34 | 0.00 | Peak | 181 | 301 | HORIZONTAL |
| 3 | 5725.60 | 67.01 | 68.30 | -1.29 | 29.07 | 3.60 | 34.34 | 0.00 | Peak | 181 | 301 | HORIZONTAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 52,60,64 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 2 (Ant. 7 Patch antenna / 2.3dBi) (2TX) |

**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 | 5119.40 | 41.25 | 54.00 | -12.75 | 4.21 | 3.43 | 33.61 | 0.00 | Average | 189 | 19 | HORIZONTAL |
| 2 | 5147.60 | 52.93 | 74.00 | -21.07 | 15.83 | 3.43 | 33.67 | 0.00 | Peak | 189 | 19 | HORIZONTAL |
| 3 | 5263.60 | 116.37 | | | | 3.46 | 33.88 | 0.00 | Peak | 189 | 19 | HORIZONTAL |
| 4 | 5264.80 | 105.21 | | | | 3.46 | 33.88 | 0.00 | Average | 189 | 19 | HORIZONTAL |
| 5 | 5352.40 | 57.00 | 74.00 | -17.00 | 19.48 | 3.49 | 34.03 | 0.00 | Peak | 189 | 19 | HORIZONTAL |
| 6 | 5356.00 | 43.63 | 54.00 | -10.37 | 6.11 | 3.49 | 34.03 | 0.00 | Average | 189 | 19 | HORIZONTAL |

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 | 5306.40 | 104.95 | | | | 3.48 | 33.94 | 0.00 | Average | 178 | 23 | HORIZONTAL |
| 2 | 5307.20 | 115.33 | | | | 3.48 | 33.94 | 0.00 | Peak | 178 | 23 | HORIZONTAL |
| 3 | 5350.00 | 47.63 | 54.00 | -6.37 | 10.11 | 3.49 | 34.03 | 0.00 | Average | 178 | 23 | HORIZONTAL |
| 4 | 5350.00 | 65.41 | 74.00 | -8.59 | 27.89 | 3.49 | 34.03 | 0.00 | Peak | 178 | 23 | HORIZONTAL |

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 | 5325.40 | 114.19 | | | | 3.49 | 33.97 | 0.00 | Peak | 167 | 23 | HORIZONTAL |
| 2 | 5325.60 | 103.82 | | | | 3.49 | 33.97 | 0.00 | Average | 167 | 23 | HORIZONTAL |
| 3 | 5350.00 | 52.98 | 54.00 | -1.02 | 15.46 | 3.49 | 34.03 | 0.00 | Average | 167 | 23 | HORIZONTAL |
| 4 | 5350.60 | 70.72 | 74.00 | -3.28 | 33.20 | 3.49 | 34.03 | 0.00 | Peak | 167 | 23 | HORIZONTAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 100,140 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 2 (Ant. 7 Patch antenna / 2.3dBi) (2TX) |

**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 | 5460.00 | 43.82 | 54.00 | -10.18 | 6.11 | 3.52 | 34.19 | 0.00 | Average | 176 | 25 | HORIZONTAL |
| 2 | 5460.00 | 56.75 | 74.00 | -17.25 | 19.04 | 3.52 | 34.19 | 0.00 | Peak | 176 | 25 | HORIZONTAL |
| 3 | 5469.80 | 65.67 | 68.30 | -2.63 | 27.94 | 3.52 | 34.21 | 0.00 | Peak | 176 | 25 | HORIZONTAL |
| 4 | 5493.40 | 110.59 | | | | 3.53 | 34.23 | 0.00 | Peak | 176 | 25 | HORIZONTAL |
| 5 | 5493.80 | 99.94 | | | | 3.53 | 34.23 | 0.00 | Average | 176 | 25 | HORIZONTAL |

Item 4, 5 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 | 5694.20 | 109.05 | | | | 3.59 | 34.34 | 0.00 | Peak | 195 | 287 | HORIZONTAL |
| 2 | 5706.40 | 97.58 | | | | 3.60 | 34.34 | 0.00 | Average | 195 | 287 | HORIZONTAL |
| 3 | 5725.20 | 66.42 | 68.30 | -1.88 | 28.48 | 3.60 | 34.34 | 0.00 | Peak | 195 | 287 | HORIZONTAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 52,60,64 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 2 (Ant. 7 Patch antenna / 2.3dBi) (2TX) |

**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 | 5119.40 | 41.18 | 54.00 | -12.82 | 4.14 | 3.43 | 33.61 | 0.00 | Average | 172 | 4 | HORIZONTAL |
| 2 | 5135.60 | 52.89 | 74.00 | -21.11 | 15.82 | 3.43 | 33.64 | 0.00 | Peak | 172 | 4 | HORIZONTAL |
| 3 | 5266.00 | 103.06 | | | | 3.46 | 33.88 | 0.00 | Average | 172 | 4 | HORIZONTAL |
| 4 | 5267.20 | 113.95 | | | | 3.46 | 33.88 | 0.00 | Peak | 172 | 4 | HORIZONTAL |
| 5 | 5399.80 | 45.03 | 54.00 | -8.97 | 7.40 | 3.51 | 34.12 | 0.00 | Average | 172 | 4 | HORIZONTAL |
| 6 | 5399.80 | 54.65 | 74.00 | -19.35 | 17.02 | 3.51 | 34.12 | 0.00 | Peak | 172 | 4 | HORIZONTAL |

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 | 5298.80 | 112.46 | | | | 3.48 | 33.94 | 0.00 | Peak | 107 | 302 | VERTICAL |
| 2 | 5305.20 | 101.29 | | | | 3.48 | 33.94 | 0.00 | Average | 107 | 302 | VERTICAL |
| 3 | 5350.00 | 45.34 | 54.00 | -8.66 | 7.82 | 3.49 | 34.03 | 0.00 | Average | 107 | 302 | VERTICAL |
| 4 | 5350.00 | 58.49 | 74.00 | -15.51 | 20.97 | 3.49 | 34.03 | 0.00 | Peak | 107 | 302 | 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 | 5322.60 | 101.24 | | | | 3.49 | 33.97 | 0.00 | Average | 169 | 12 | HORIZONTAL |
| 2 | 5324.40 | 112.90 | | | | 3.49 | 33.97 | 0.00 | Peak | 169 | 12 | HORIZONTAL |
| 3 | 5350.00 | 52.71 | 54.00 | -1.29 | 15.19 | 3.49 | 34.03 | 0.00 | Average | 169 | 12 | HORIZONTAL |
| 4 | 5350.20 | 67.87 | 74.00 | -6.13 | 30.35 | 3.49 | 34.03 | 0.00 | Peak | 169 | 12 | HORIZONTAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 100,140 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 2 (Ant. 7 Patch antenna / 2.3dBi) (2TX) |

**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 | 5459.80 | 45.86 | 54.00 | -8.14 | 8.15 | 3.52 | 34.19 | 0.00 | Average | 171 | 345 | HORIZONTAL |
| 2 | 5459.80 | 62.43 | 74.00 | -11.57 | 24.72 | 3.52 | 34.19 | 0.00 | Peak | 171 | 345 | HORIZONTAL |
| 3 | 5466.80 | 66.11 | 68.30 | -2.19 | 28.40 | 3.52 | 34.19 | 0.00 | Peak | 171 | 345 | HORIZONTAL |
| 4 | 5507.20 | 98.73 | | | | 3.54 | 34.25 | 0.00 | Average | 171 | 345 | HORIZONTAL |
| 5 | 5507.60 | 112.04 | | | | 3.54 | 34.25 | 0.00 | Peak | 171 | 345 | HORIZONTAL |

Item 4, 5 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 | 5696.00 | 95.34 | | | | 3.59 | 34.34 | 0.00 | Average | 100 | 319 | VERTICAL |
| 2 | 5698.80 | 107.68 | | | | 3.59 | 34.34 | 0.00 | Peak | 100 | 319 | VERTICAL |
| 3 | 5725.20 | 66.60 | 68.30 | -1.70 | 28.66 | 3.60 | 34.34 | 0.00 | Peak | 100 | 319 | VERTICAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 52,60,64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 2 (Ant. 7 Patch antenna / 2.3dBi) (3TX) |

**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 | 5119.40 | 44.35 | 54.00 | -9.65 | 7.31 | 3.43 | 33.61 | 0.00 | Average | 179 | 308 | HORIZONTAL |
| 2 | 5120.00 | 56.45 | 74.00 | -17.55 | 19.41 | 3.43 | 33.61 | 0.00 | Peak | 179 | 308 | HORIZONTAL |
| 3 | 5263.60 | 108.78 | | | | 3.46 | 33.88 | 0.00 | Average | 179 | 308 | HORIZONTAL |
| 4 | 5264.20 | 118.49 | | | | 3.46 | 33.88 | 0.00 | Peak | 179 | 308 | HORIZONTAL |
| 5 | 5351.20 | 58.97 | 74.00 | -15.03 | 21.45 | 3.49 | 34.03 | 0.00 | Peak | 179 | 308 | HORIZONTAL |
| 6 | 5377.60 | 46.95 | 54.00 | -7.05 | 9.39 | 3.50 | 34.06 | 0.00 | Average | 179 | 308 | HORIZONTAL |

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 | 5296.80 | 118.24 | | | | 3.48 | 33.94 | 0.00 | Peak | 179 | 307 | HORIZONTAL |
| 2 | 5297.60 | 108.22 | | | | 3.48 | 33.94 | 0.00 | Average | 179 | 307 | HORIZONTAL |
| 3 | 5350.00 | 48.15 | 54.00 | -5.85 | 10.63 | 3.49 | 34.03 | 0.00 | Average | 179 | 307 | HORIZONTAL |
| 4 | 5350.00 | 63.98 | 74.00 | -10.02 | 26.46 | 3.49 | 34.03 | 0.00 | Peak | 179 | 307 | HORIZONTAL |

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 | 5328.00 | 104.38 | | | | 3.49 | 33.97 | 0.00 | Average | 179 | 41 | HORIZONTAL |
| 2 | 5328.00 | 114.07 | | | | 3.49 | 33.97 | 0.00 | Peak | 179 | 41 | HORIZONTAL |
| 3 | 5350.00 | 52.81 | 54.00 | -1.19 | 15.29 | 3.49 | 34.03 | 0.00 | Average | 179 | 41 | HORIZONTAL |
| 4 | 5351.00 | 70.25 | 74.00 | -3.75 | 32.73 | 3.49 | 34.03 | 0.00 | Peak | 179 | 41 | HORIZONTAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 100,140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 2 (Ant. 7 Patch antenna / 2.3dBi) (3TX) |

**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 | 5460.00 | 45.03 | 54.00 | -8.97 | 7.32 | 3.52 | 34.19 | 0.00 | Average | 170 | 49 | HORIZONTAL |
| 2 | 5460.00 | 58.01 | 74.00 | -15.99 | 20.30 | 3.52 | 34.19 | 0.00 | Peak | 170 | 49 | HORIZONTAL |
| 3 | 5470.00 | 67.14 | 68.30 | -1.16 | 29.41 | 3.52 | 34.21 | 0.00 | Peak | 170 | 49 | HORIZONTAL |
| 4 | 5507.40 | 111.62 | | | | 3.54 | 34.25 | 0.00 | Peak | 170 | 49 | HORIZONTAL |
| 5 | 5508.00 | 101.96 | | | | 3.54 | 34.25 | 0.00 | Average | 170 | 49 | HORIZONTAL |

Item 4, 5 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 | 5703.60 | 101.17 | | | | 3.59 | 34.34 | 0.00 | Average | 177 | 47 | HORIZONTAL |
| 2 | 5704.60 | 111.77 | | | | 3.59 | 34.34 | 0.00 | Peak | 177 | 47 | HORIZONTAL |
| 3 | 5725.20 | 66.67 | 68.30 | -1.63 | 28.73 | 3.60 | 34.34 | 0.00 | Peak | 177 | 47 | HORIZONTAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 52,60,64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 2 (Ant. 7 Patch antenna / 2.3dBi) (3TX) |

**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 | 5119.40 | 45.78 | 54.00 | -8.22 | 8.74 | 3.43 | 33.61 | 0.00 | Average | 180 | 40 | HORIZONTAL |
| 2 | 5120.00 | 57.26 | 74.00 | -16.74 | 20.22 | 3.43 | 33.61 | 0.00 | Peak | 180 | 40 | HORIZONTAL |
| 3 | 5254.60 | 117.67 | 68.30 | 49.37 | 80.36 | 3.46 | 33.85 | 0.00 | Peak | 180 | 40 | HORIZONTAL |
| 4 | 5255.80 | 105.63 | 6[illegible] | | | 3.46 | 33.85 | 0.00 | Average | 180 | 40 | HORIZONTAL |
| 5 | 5390.20 | 59.64 | 7[illegible] | | | 3.50 | 34.09 | 0.00 | Peak | 180 | 40 | HORIZONTAL |
| 6 | 5400.40 | 46.81 | 54.00 | -7.19 | 9.18 | 3.51 | 34.12 | 0.00 | Average | 180 | 40 | HORIZONTAL |

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 | 5299.60 | 115.67 | | | | 3.48 | 33.94 | 0.00 | Peak | 183 | 294 | HORIZONTAL |
| 2 | 5300.80 | 105.17 | | | | 3.48 | 33.94 | 0.00 | Average | 183 | 294 | HORIZONTAL |
| 3 | 5350.00 | 47.12 | 54.00 | -6.88 | 9.60 | 3.49 | 34.03 | 0.00 | Average | 183 | 294 | HORIZONTAL |
| 4 | 5350.00 | 59.20 | 74.00 | -14.80 | 21.68 | 3.49 | 34.03 | 0.00 | Peak | 183 | 294 | HORIZONTAL |

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 | 5312.40 | 117.14 | | | | 3.48 | 33.94 | 0.00 | Peak | 162 | 295 | HORIZONTAL |
| 2 | 5326.80 | 104.91 | | | | 3.49 | 33.97 | 0.00 | Average | 162 | 295 | HORIZONTAL |
| 3 | 5350.00 | 52.78 | 54.00 | -1.22 | 15.26 | 3.49 | 34.03 | 0.00 | Average | 162 | 295 | HORIZONTAL |
| 4 | 5350.60 | 67.10 | 74.00 | -6.90 | 29.58 | 3.49 | 34.03 | 0.00 | Peak | 162 | 295 | HORIZONTAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 100,140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 2 (Ant. 7 Patch antenna / 2.3dBi) (3TX) |

**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 | 5460.00 | 45.91 | 54.00 | -8.09 | 8.20 | 3.52 | 34.19 | 0.00 | Average | 181 | 312 | HORIZONTAL |
| 2 | 5460.00 | 59.69 | 74.00 | -14.31 | 21.98 | 3.52 | 34.19 | 0.00 | Peak | 181 | 312 | HORIZONTAL |
| 3 | 5470.00 | 66.22 | 68.30 | -2.08 | 28.49 | 3.52 | 34.21 | 0.00 | Peak | 181 | 312 | HORIZONTAL |
| 4 | 5493.60 | 101.41 | | | | 3.53 | 34.23 | 0.00 | Average | 181 | 312 | HORIZONTAL |
| 5 | 5502.00 | 113.80 | | | | 3.54 | 34.25 | 0.00 | Peak | 181 | 312 | HORIZONTAL |

Item 4, 5 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 | 5700.80 | 100.79 | | | | 3.59 | 34.34 | 0.00 | Average | 193 | 293 | HORIZONTAL |
| 2 | 5702.40 | 112.82 | | | | 3.59 | 34.34 | 0.00 | Peak | 193 | 293 | HORIZONTAL |
| 3 | 5725.00 | 67.06 | 68.30 | -1.24 | 29.12 | 3.60 | 34.34 | 0.00 | Peak | 193 | 293 | HORIZONTAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 54,62 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 2 (Ant. 7 Patch antenna / 2.3dBi) (1TX) |

**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 | 5282.40 | 110.28 | | | | 3.47 | 33.91 | 0.00 | Peak | 172 | 38 | HORIZONTAL |
| 2 | 5286.80 | 99.79 | | | | 3.47 | 33.91 | 0.00 | Average | 172 | 38 | HORIZONTAL |
| 3 | 5350.00 | 52.43 | 54.00 | -1.57 | 14.91 | 3.49 | 34.03 | 0.00 | Average | 172 | 38 | HORIZONTAL |
| 4 | 5354.40 | 70.42 | 74.00 | -3.58 | 32.90 | 3.49 | 34.03 | 0.00 | Peak | 172 | 38 | HORIZONTAL |

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 | 5324.00 | 105.06 | | | | 3.49 | 33.97 | 0.00 | Peak | 174 | 45 | HORIZONTAL |
| 2 | 5326.80 | 94.42 | | | | 3.49 | 33.97 | 0.00 | Average | 174 | 45 | HORIZONTAL |
| 3 | 5350.00 | 51.93 | 54.00 | -2.07 | 14.41 | 3.49 | 34.03 | 0.00 | Average | 174 | 45 | HORIZONTAL |
| 4 | 5350.80 | 72.75 | 74.00 | -1.25 | 35.23 | 3.49 | 34.03 | 0.00 | Peak | 174 | 45 | HORIZONTAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz<br>Ch 102,110,134<br>/ Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 2<br>(Ant. 7 Patch antenna / 2.3dBi) (1TX) |

**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 | 5457.60 | 63.57 | 74.00 | -10.43 | 25.84 | 3.52 | 34.21 | 0.00 | Peak | 102 | 2 | VERTICAL |
| 2 | 5460.00 | 48.64 | 54.00 | -5.36 | 10.91 | 3.52 | 34.21 | 0.00 | Average | 102 | 2 | VERTICAL |
| 3 | 5468.80 | 67.26 | 68.30 | -1.04 | 29.50 | 3.52 | 34.24 | 0.00 | Peak | 102 | 2 | VERTICAL |
| 4 | 5499.20 | 91.72 | | | | 3.53 | 34.26 | 0.00 | Average | 102 | 2 | VERTICAL |
| 5 | 5502.40 | 102.96 | | | | 3.54 | 34.28 | 0.00 | Peak | 102 | 2 | VERTICAL |

Item 4, 5 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 | 5456.40 | 63.96 | 74.00 | -10.04 | 26.25 | 3.52 | 34.19 | 0.00 | Peak | 178 | 305 | HORIZONTAL |
| 2 | 5460.00 | 48.68 | 54.00 | -5.32 | 10.97 | 3.52 | 34.19 | 0.00 | Average | 178 | 305 | HORIZONTAL |
| 3 | 5467.20 | 66.42 | 68.30 | -1.88 | 28.69 | 3.52 | 34.21 | 0.00 | Peak | 178 | 305 | HORIZONTAL |
| 4 | 5539.20 | 98.31 | | | | 3.55 | 34.29 | 0.00 | Average | 178 | 305 | HORIZONTAL |
| 5 | 5540.00 | 109.69 | | | | 3.55 | 34.29 | 0.00 | Peak | 178 | 305 | HORIZONTAL |

Item 4, 5 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 | 5653.60 | 106.26 | | | | 3.58 | 34.33 | 0.00 | Peak | 196 | 309 | HORIZONTAL |
| 2 | 5654.40 | 95.49 | | | | 3.59 | 34.33 | 0.00 | Average | 196 | 309 | HORIZONTAL |
| 3 | 5728.20 | 66.68 | 68.30 | -1.62 | 28.74 | 3.60 | 34.34 | 0.00 | Peak | 196 | 309 | HORIZONTAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 54,62 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 2 (Ant. 7 Patch antenna / 2.3dBi) (2TX) |

**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 | 5287.40 | 101.78 | | | | 3.47 | 33.91 | 0.00 | Average | 187 | 344 | HORIZONTAL |
| 2 | 5288.00 | 110.83 | | | | 3.47 | 33.91 | 0.00 | Peak | 187 | 344 | HORIZONTAL |
| 3 | 5350.60 | 52.32 | 54.00 | -1.68 | 14.80 | 3.49 | 34.03 | 0.00 | Average | 187 | 344 | HORIZONTAL |
| 4 | 5352.40 | 67.71 | 74.00 | -6.29 | 30.19 | 3.49 | 34.03 | 0.00 | Peak | 187 | 344 | HORIZONTAL |

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 | 5308.40 | 106.98 | | | | 3.48 | 33.94 | 0.00 | Peak | 201 | 2 | HORIZONTAL |
| 2 | 5327.60 | 97.38 | | | | 3.49 | 33.97 | 0.00 | Average | 201 | 2 | HORIZONTAL |
| 3 | 5350.00 | 52.48 | 54.00 | -1.52 | 14.96 | 3.49 | 34.03 | 0.00 | Average | 201 | 2 | HORIZONTAL |
| 4 | 5350.40 | 72.10 | 74.00 | -1.90 | 34.58 | 3.49 | 34.03 | 0.00 | Peak | 201 | 2 | HORIZONTAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz<br>Ch 102,110,134<br>/ Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 2<br>(Ant. 7 Patch antenna / 2.3dBi) (2TX) |

**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 | 5440.00 | 45.91 | 54.00 | -8.09 | 8.22 | 3.52 | 34.17 | 0.00 | Average | 190 | 250 | HORIZONTAL |
| 2 | 5450.80 | 59.41 | 74.00 | -14.59 | 21.70 | 3.52 | 34.19 | 0.00 | Peak | 190 | 250 | HORIZONTAL |
| 3 | 5468.40 | 66.79 | 68.30 | -1.51 | 29.06 | 3.52 | 34.21 | 0.00 | Peak | 190 | 250 | HORIZONTAL |
| 4 | 5504.00 | 104.19 | | | | 3.54 | 34.25 | 0.00 | Peak | 190 | 250 | HORIZONTAL |
| 5 | 5506.00 | 94.02 | | | | 3.54 | 34.25 | 0.00 | Average | 190 | 250 | HORIZONTAL |

Item 4, 5 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 | 5452.40 | 46.23 | 54.00 | -7.77 | 8.52 | 3.52 | 34.19 | 0.00 | Average | 176 | 349 | HORIZONTAL |
| 2 | 5452.40 | 64.28 | 74.00 | -9.72 | 26.57 | 3.52 | 34.19 | 0.00 | Peak | 176 | 349 | HORIZONTAL |
| 3 | 5470.00 | 66.38 | 68.30 | -1.92 | 28.65 | 3.52 | 34.21 | 0.00 | Peak | 176 | 349 | HORIZONTAL |
| 4 | 5533.20 | 101.45 | | | | 3.55 | 34.27 | 0.00 | Average | 176 | 349 | HORIZONTAL |
| 5 | 5549.20 | 111.77 | | | | 3.55 | 34.29 | 0.00 | Peak | 176 | 349 | HORIZONTAL |

Item 4, 5 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 | 5663.60 | 98.19 | | | | 3.59 | 34.33 | 0.00 | Average | 199 | 341 | HORIZONTAL |
| 2 | 5664.00 | 108.45 | | | | 3.59 | 34.33 | 0.00 | Peak | 199 | 341 | HORIZONTAL |
| 3 | 5725.00 | 66.85 | 68.30 | -1.45 | 28.91 | 3.60 | 34.34 | 0.00 | Peak | 199 | 341 | HORIZONTAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 54, 62 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 2 (Ant. 7 Patch antenna / 2.3dBi) (2TX) |

**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 | 5150.00 | 44.17 | 54.00 | -9.83 | 7.07 | 3.43 | 33.67 | 0.00 | Average | 168 | 350 | HORIZONTAL |
| 2 | 5150.00 | 56.25 | 74.00 | -17.75 | 19.15 | 3.43 | 33.67 | 0.00 | Peak | 168 | 350 | HORIZONTAL |
| 3 | 5276.60 | 112.44 | | | | 3.47 | 33.88 | 0.00 | Peak | 168 | 350 | HORIZONTAL |
| 4 | 5280.20 | 100.44 | | | | 3.47 | 33.91 | 0.00 | Average | 168 | 350 | HORIZONTAL |
| 5 | 5350.00 | 51.86 | 54.00 | -2.14 | 14.34 | 3.49 | 34.03 | 0.00 | Average | 168 | 350 | HORIZONTAL |
| 6 | 5351.80 | 66.58 | 74.00 | -7.42 | 29.06 | 3.49 | 34.03 | 0.00 | Peak | 168 | 350 | HORIZONTAL |

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 | 5320.00 | 106.70 | | | | 3.48 | 33.97 | 0.00 | Peak | 173 | 360 | HORIZONTAL |
| 2 | 5324.80 | 95.96 | | | | 3.49 | 33.97 | 0.00 | Average | 173 | 360 | HORIZONTAL |
| 3 | 5350.00 | 52.35 | 54.00 | -1.65 | 14.83 | 3.49 | 34.03 | 0.00 | Average | 173 | 360 | HORIZONTAL |
| 4 | 5351.20 | 71.71 | 74.00 | -2.29 | 34.19 | 3.49 | 34.03 | 0.00 | Peak | 173 | 360 | HORIZONTAL |

Item 3, 4 are the fundamental frequency at 5310 MHz.

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz<br>Ch 102, 110, 134<br>/ Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 2<br>(Ant. 7 Patch antenna / 2.3dBi) (2TX) |

**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 | 5458.80 | 63.14 | 74.00 | -10.86 | 25.43 | 3.52 | 34.19 | 0.00 | Peak | 191 | 251 | HORIZONTAL |
| 2 | 5460.00 | 48.36 | 54.00 | -5.64 | 10.65 | 3.52 | 34.19 | 0.00 | Average | 191 | 251 | HORIZONTAL |
| 3 | 5469.60 | 66.87 | 68.30 | -1.43 | 29.14 | 3.52 | 34.21 | 0.00 | Peak | 191 | 251 | HORIZONTAL |
| 4 | 5493.60 | 94.31 | | | | 3.53 | 34.23 | 0.00 | Average | 191 | 251 | HORIZONTAL |
| 5 | 5495.60 | 106.62 | | | | 3.53 | 34.23 | 0.00 | Peak | 191 | 251 | HORIZONTAL |

Item 4, 5 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 | 5460.00 | 49.09 | 54.00 | -4.91 | 11.38 | 3.52 | 34.19 | 0.00 | Average | 192 | 335 | HORIZONTAL |
| 2 | 5460.00 | 62.18 | 74.00 | -11.82 | 24.47 | 3.52 | 34.19 | 0.00 | Peak | 192 | 335 | HORIZONTAL |
| 3 | 5470.00 | 64.76 | 68.30 | -3.54 | 27.03 | 3.52 | 34.21 | 0.00 | Peak | 192 | 335 | HORIZONTAL |
| 4 | 5554.00 | 112.40 | | | | 3.55 | 34.31 | 0.00 | Peak | 192 | 335 | HORIZONTAL |
| 5 | 5563.60 | 100.12 | | | | 3.55 | 34.31 | 0.00 | Average | 192 | 335 | HORIZONTAL |

Item 4, 5 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 | 5654.80 | 97.22 | | | | 3.59 | 34.33 | 0.00 | Average | 202 | 340 | HORIZONTAL |
| 2 | 5658.00 | 109.22 | | | | 3.59 | 34.33 | 0.00 | Peak | 202 | 340 | HORIZONTAL |
| 3 | 5725.00 | 67.28 | 68.30 | -1.02 | 29.34 | 3.60 | 34.34 | 0.00 | Peak | 202 | 340 | HORIZONTAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 54,62 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 2 (Ant. 7 Patch antenna / 2.3dBi) (3TX) |

**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 | 5275.20 | 104.83 | | | | 3.47 | 33.88 | 0.00 | Average | 165 | 37 | HORIZONTAL |
| 2 | 5276.00 | 114.61 | ----- | ----- | ----- | 3.47 | 33.88 | 0.00 | Peak | 165 | 37 | HORIZONTAL |
| 3 | 5355.20 | 52.11 | 54.00 | -1.89 | 14.59 | 3.49 | 34.03 | 0.00 | Average | 165 | 37 | HORIZONTAL |
| 4 | 5355.20 | 66.99 | 74.00 | -7.01 | 29.47 | 3.49 | 34.03 | 0.00 | Peak | 165 | 37 | HORIZONTAL |

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 | 5294.00 | 110.40 | | | | 3.47 | 33.91 | 0.00 | Peak | 165 | 54 | HORIZONTAL |
| 2 | 5294.80 | 99.92 | | | | 3.47 | 33.91 | 0.00 | Average | 165 | 54 | HORIZONTAL |
| 3 | 5353.20 | 52.56 | 54.00 | -1.44 | 15.04 | 3.49 | 34.03 | 0.00 | Average | 165 | 54 | HORIZONTAL |
| 4 | 5354.80 | 72.48 | 74.00 | -1.52 | 34.96 | 3.49 | 34.03 | 0.00 | Peak | 165 | 54 | HORIZONTAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz<br>Ch 102,110,134<br>/ Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 2<br>(Ant. 7 Patch antenna / 2.3dBi) (3TX) |

**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 | 5440.00 | 52.99 | 54.00 | -1.01 | 15.30 | 3.52 | 34.17 | 0.00 | Average | 167 | 36 | HORIZONTAL |
| 2 | 5456.00 | 60.62 | 74.00 | -13.38 | 22.91 | 3.52 | 34.19 | 0.00 | Peak | 167 | 36 | HORIZONTAL |
| 3 | 5470.00 | 66.67 | 68.30 | -1.63 | 28.94 | 3.52 | 34.21 | 0.00 | Peak | 167 | 36 | HORIZONTAL |
| 4 | 5493.60 | 97.03 | | | | 3.53 | 34.23 | 0.00 | Average | 167 | 36 | HORIZONTAL |
| 5 | 5494.80 | 107.27 | | | | 3.53 | 34.23 | 0.00 | Peak | 167 | 36 | HORIZONTAL |

Item 4, 5 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 | 5454.80 | 60.61 | 74.00 | -13.39 | 22.90 | 3.52 | 34.19 | 0.00 | Peak | 146 | 40 | HORIZONTAL |
| 2 | 5456.80 | 46.11 | 54.00 | -7.89 | 8.40 | 3.52 | 34.19 | 0.00 | Average | 146 | 40 | HORIZONTAL |
| 3 | 5468.40 | 66.94 | 68.30 | -1.36 | 29.21 | 3.52 | 34.21 | 0.00 | Peak | 146 | 40 | HORIZONTAL |
| 4 | 5566.00 | 104.48 | | | | 3.55 | 34.31 | 0.00 | Average | 146 | 40 | HORIZONTAL |
| 5 | 5566.40 | 115.17 | | | | 3.55 | 34.31 | 0.00 | Peak | 146 | 40 | HORIZONTAL |

Item 4, 5 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 | 5687.20 | 101.81 | | | | 3.59 | 34.33 | 0.00 | Average | 162 | 307 | HORIZONTAL |
| 2 | 5687.60 | 111.84 | | | | 3.59 | 34.33 | 0.00 | Peak | 162 | 307 | HORIZONTAL |
| 3 | 5725.40 | 66.68 | 68.30 | -1.62 | 28.74 | 3.60 | 34.34 | 0.00 | Peak | 162 | 307 | HORIZONTAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 54,62 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 2 (Ant. 7 Patch antenna / 2.3dBi) (3TX) |

**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 | 5282.80 | 103.35 | | | | 3.47 | 33.91 | 0.00 | Average | 180 | 295 | HORIZONTAL |
| 2 | 5283.20 | 115.31 | | | | 3.47 | 33.91 | 0.00 | Peak | 180 | 295 | HORIZONTAL |
| 3 | 5350.00 | 51.52 | 54.00 | -2.48 | 14.00 | 3.49 | 34.03 | 0.00 | Average | 180 | 295 | HORIZONTAL |
| 4 | 5351.60 | 64.94 | 74.00 | -9.06 | 27.42 | 3.49 | 34.03 | 0.00 | Peak | 180 | 295 | HORIZONTAL |

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 | 5322.00 | 98.59 | | | | 3.48 | 33.97 | 0.00 | Average | 160 | 58 | HORIZONTAL |
| 2 | 5322.00 | 109.41 | | | | 3.48 | 33.97 | 0.00 | Peak | 160 | 58 | HORIZONTAL |
| 3 | 5350.00 | 52.12 | 54.00 | -1.88 | 14.60 | 3.49 | 34.03 | 0.00 | Average | 160 | 58 | HORIZONTAL |
| 4 | 5352.80 | 71.45 | 74.00 | -2.55 | 33.93 | 3.49 | 34.03 | 0.00 | Peak | 160 | 58 | HORIZONTAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz<br>Ch 102, 110, 134<br>/ Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 2<br>(Ant. 7 Patch antenna / 2.3dBi) (3TX) |

**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 | 5439.60 | 48.95 | 54.00 | -5.05 | 11.26 | 3.52 | 34.17 | 0.00 | Average | 188 | 302 | HORIZONTAL |
| 2 | 5460.00 | 61.04 | 74.00 | -12.96 | 23.33 | 3.52 | 34.19 | 0.00 | Peak | 188 | 302 | HORIZONTAL |
| 3 | 5468.40 | 67.29 | 68.30 | -1.01 | 29.56 | 3.52 | 34.21 | 0.00 | Peak | 188 | 302 | HORIZONTAL |
| 4 | 5494.40 | 96.70 | | | | 3.53 | 34.23 | 0.00 | Average | 188 | 302 | HORIZONTAL |
| 5 | 5494.80 | 109.02 | | | | 3.53 | 34.23 | 0.00 | Peak | 188 | 302 | HORIZONTAL |

Item 4, 5 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 | 5457.60 | 65.62 | 74.00 | -8.38 | 27.91 | 3.52 | 34.19 | 0.00 | Peak | 167 | 305 | HORIZONTAL |
| 2 | 5460.00 | 50.33 | 54.00 | -3.67 | 12.62 | 3.52 | 34.19 | 0.00 | Average | 167 | 305 | HORIZONTAL |
| 3 | 5468.00 | 65.74 | 68.30 | -2.56 | 28.01 | 3.52 | 34.21 | 0.00 | Peak | 167 | 305 | HORIZONTAL |
| 4 | 5540.40 | 114.89 | | | | 3.55 | 34.29 | 0.00 | Peak | 167 | 305 | HORIZONTAL |
| 5 | 5561.20 | 103.58 | | | | 3.55 | 34.31 | 0.00 | Average | 167 | 305 | HORIZONTAL |

Item 4, 5 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 | 5660.80 | 100.49 | | | | 3.59 | 34.33 | 0.00 | Average | 162 | 52 | HORIZONTAL |
| 2 | 5660.80 | 111.92 | | | | 3.59 | 34.33 | 0.00 | Peak | 162 | 52 | HORIZONTAL |
| 3 | 5725.00 | 67.17 | 68.30 | -1.13 | 29.23 | 3.60 | 34.34 | 0.00 | Peak | 162 | 52 | HORIZONTAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 52,60,64 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 2 (Ant. 7 Patch antenna / 2.3dBi) (1TX) |

**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 | 5150.00 | 40.20 | 54.00 | -13.80 | 3.10 | 3.43 | 33.67 | 0.00 | Average | 191 | 40 | HORIZONTAL |
| 2 | 5150.00 | 52.79 | 74.00 | -21.21 | 15.69 | 3.43 | 33.67 | 0.00 | Peak | 191 | 40 | HORIZONTAL |
| 3 | 5265.40 | 112.48 | | | | 3.46 | 33.88 | 0.00 | Peak | 191 | 40 | HORIZONTAL |
| 4 | 5266.00 | 102.10 | | | | 3.46 | 33.88 | 0.00 | Average | 191 | 40 | HORIZONTAL |
| 5 | 5382.40 | 57.89 | 74.00 | -16.11 | 20.30 | 3.50 | 34.09 | 0.00 | Peak | 191 | 40 | HORIZONTAL |
| 6 | 5387.80 | 44.72 | 54.00 | -9.28 | 7.13 | 3.50 | 34.09 | 0.00 | Average | 191 | 40 | HORIZONTAL |

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 | 5304.80 | 102.16 | | | | 3.48 | 33.94 | 0.00 | Average | 178 | 38 | HORIZONTAL |
| 2 | 5306.40 | 112.80 | | | | 3.48 | 33.94 | 0.00 | Peak | 178 | 38 | HORIZONTAL |
| 3 | 5350.00 | 47.23 | 54.00 | -6.77 | 9.71 | 3.49 | 34.03 | 0.00 | Average | 178 | 38 | HORIZONTAL |
| 4 | 5351.60 | 63.68 | 74.00 | -10.32 | 26.16 | 3.49 | 34.03 | 0.00 | Peak | 178 | 38 | HORIZONTAL |

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 | 5314.00 | 109.55 | | | | 3.48 | 33.97 | 0.00 | Peak | 108 | 340 | VERTICAL |
| 2 | 5317.80 | 98.99 | | | | 3.48 | 33.97 | 0.00 | Average | 108 | 340 | VERTICAL |
| 3 | 5350.00 | 51.33 | 54.00 | -2.67 | 13.81 | 3.49 | 34.03 | 0.00 | Average | 108 | 340 | VERTICAL |
| 4 | 5350.00 | 72.38 | 74.00 | -1.62 | 34.86 | 3.49 | 34.03 | 0.00 | Peak | 108 | 340 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 100,140 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 2 (Ant. 7 Patch antenna / 2.3dBi) (1TX) |

**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 | 5460.00 | 44.77 | 54.00 | -9.23 | 7.04 | 3.52 | 34.21 | 0.00 | Average | 102 | 359 | VERTICAL |
| 2 | 5460.00 | 61.12 | 74.00 | -12.88 | 23.39 | 3.52 | 34.21 | 0.00 | Peak | 102 | 359 | VERTICAL |
| 3 | 5469.00 | 67.20 | 68.30 | -1.10 | 29.44 | 3.52 | 34.24 | 0.00 | Peak | 102 | 359 | VERTICAL |
| 4 | 5493.00 | 96.72 | | | | 3.53 | 34.26 | 0.00 | Average | 102 | 359 | VERTICAL |
| 5 | 5499.60 | 107.57 | | | | 3.53 | 34.26 | 0.00 | Peak | 102 | 359 | VERTICAL |

Item 4, 5 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 | 5692.80 | 96.44 | | | | 3.59 | 34.34 | 0.00 | Average | 167 | 37 | HORIZONTAL |
| 2 | 5700.00 | 107.64 | | | | 3.59 | 34.34 | 0.00 | Peak | 167 | 37 | HORIZONTAL |
| 3 | 5725.00 | 67.10 | 68.30 | -1.20 | 29.16 | 3.60 | 34.34 | 0.00 | Peak | 167 | 37 | HORIZONTAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 52,60,64 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 2 (Ant. 7 Patch antenna / 2.3dBi) (2TX) |

**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 | 5120.00 | 39.50 | 54.00 | -14.50 | 2.46 | 3.43 | 33.61 | 0.00 | Average | 184 | 23 | HORIZONTAL |
| 2 | 5120.60 | 52.84 | 74.00 | -21.16 | 15.80 | 3.43 | 33.61 | 0.00 | Peak | 184 | 23 | HORIZONTAL |
| 3 | 5254.00 | 103.95 | | | | 3.46 | 33.85 | 0.00 | Average | 184 | 23 | HORIZONTAL |
| 4 | 5254.00 | 114.04 | | | | 3.46 | 33.85 | 0.00 | Peak | 184 | 23 | HORIZONTAL |
| 5 | 5400.40 | 43.90 | 54.00 | -10.10 | 6.27 | 3.51 | 34.12 | 0.00 | Average | 184 | 23 | HORIZONTAL |
| 6 | 5405.80 | 57.39 | 74.00 | -16.61 | 19.76 | 3.51 | 34.12 | 0.00 | Peak | 184 | 23 | HORIZONTAL |

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 | 5303.60 | 114.70 | | | | 3.48 | 33.94 | 0.00 | Peak | 179 | 39 | HORIZONTAL |
| 2 | 5304.00 | 104.49 | | | | 3.48 | 33.94 | 0.00 | Average | 179 | 39 | HORIZONTAL |
| 3 | 5350.00 | 46.48 | 54.00 | -7.52 | 8.96 | 3.49 | 34.03 | 0.00 | Average | 179 | 39 | HORIZONTAL |
| 4 | 5350.00 | 64.83 | 74.00 | -9.17 | 27.31 | 3.49 | 34.03 | 0.00 | Peak | 179 | 39 | HORIZONTAL |

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 | 5324.00 | 103.32 | | | | 3.49 | 33.97 | 0.00 | Average | 170 | 43 | HORIZONTAL |
| 2 | 5324.40 | 113.88 | | | | 3.49 | 33.97 | 0.00 | Peak | 170 | 43 | HORIZONTAL |
| 3 | 5350.00 | 51.27 | 54.00 | -2.73 | 13.75 | 3.49 | 34.03 | 0.00 | Average | 170 | 43 | HORIZONTAL |
| 4 | 5350.40 | 68.93 | 74.00 | -5.07 | 31.41 | 3.49 | 34.03 | 0.00 | Peak | 170 | 43 | HORIZONTAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 100,140 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 2 (Ant. 7 Patch antenna / 2.3dBi) (2TX) |

**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 | 5460.00 | 44.47 | 54.00 | -9.53 | 6.76 | 3.52 | 34.19 | 0.00 | Average | 177 | 29 | HORIZONTAL |
| 2 | 5460.00 | 58.20 | 74.00 | -15.80 | 20.49 | 3.52 | 34.19 | 0.00 | Peak | 177 | 29 | HORIZONTAL |
| 3 | 5468.00 | 67.27 | 68.30 | -1.03 | 29.54 | 3.52 | 34.21 | 0.00 | Peak | 177 | 29 | HORIZONTAL |
| 4 | 5493.20 | 100.87 | | | | 3.53 | 34.23 | 0.00 | Average | 177 | 29 | HORIZONTAL |
| 5 | 5493.20 | 111.82 | | | | 3.53 | 34.23 | 0.00 | Peak | 177 | 29 | HORIZONTAL |

Item 4, 5 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 | 5696.20 | 110.22 | | | | 3.59 | 34.34 | 0.00 | Peak | 165 | 290 | HORIZONTAL |
| 2 | 5696.40 | 99.83 | | | | 3.59 | 34.34 | 0.00 | Average | 165 | 290 | HORIZONTAL |
| 3 | 5726.60 | 65.05 | 68.30 | -3.25 | 27.11 | 3.60 | 34.34 | 0.00 | Peak | 165 | 290 | HORIZONTAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 52,60,64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 2 (Ant. 7 Patch antenna / 2.3dBi) (3TX) |

**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 | 5119.40 | 44.31 | 54.00 | -9.69 | 7.27 | 3.43 | 33.61 | 0.00 | Average | 159 | 305 | HORIZONTAL |
| 2 | 5145.20 | 57.40 | 74.00 | -16.60 | 20.30 | 3.43 | 33.67 | 0.00 | Peak | 159 | 305 | HORIZONTAL |
| 3 | 5264.20 | 107.43 | | | | 3.46 | 33.88 | 0.00 | Average | 159 | 305 | HORIZONTAL |
| 4 | 5264.20 | 117.36 | | | | 3.46 | 33.88 | 0.00 | Peak | 159 | 305 | HORIZONTAL |
| 5 | 5352.40 | 46.73 | 54.00 | -7.27 | 9.21 | 3.49 | 34.03 | 0.00 | Average | 159 | 305 | HORIZONTAL |
| 6 | 5352.40 | 58.55 | 74.00 | -15.45 | 21.03 | 3.49 | 34.03 | 0.00 | Peak | 159 | 305 | HORIZONTAL |

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 | 5298.80 | 108.32 | | | | 3.48 | 33.94 | 0.00 | Average | 153 | 41 | HORIZONTAL |
| 2 | 5298.80 | 118.66 | | | | 3.48 | 33.94 | 0.00 | Peak | 153 | 41 | HORIZONTAL |
| 3 | 5350.00 | 47.16 | 54.00 | -6.84 | 9.64 | 3.49 | 34.03 | 0.00 | Average | 153 | 41 | HORIZONTAL |
| 4 | 5350.00 | 63.40 | 74.00 | -10.60 | 25.88 | 3.49 | 34.03 | 0.00 | Peak | 153 | 41 | HORIZONTAL |

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 | 5321.00 | 105.86 | | | | 3.48 | 33.97 | 0.00 | Average | 149 | 40 | HORIZONTAL |
| 2 | 5321.20 | 115.98 | | | | 3.48 | 33.97 | 0.00 | Peak | 149 | 40 | HORIZONTAL |
| 3 | 5350.60 | 52.60 | 54.00 | -1.40 | 15.08 | 3.49 | 34.03 | 0.00 | Average | 149 | 40 | HORIZONTAL |
| 4 | 5351.40 | 71.05 | 74.00 | -2.95 | 33.53 | 3.49 | 34.03 | 0.00 | Peak | 149 | 40 | HORIZONTAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 100,140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 2 (Ant. 7 Patch antenna / 2.3dBi) (3TX) |

**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 | 5456.80 | 58.42 | 74.00 | -15.58 | 20.71 | 3.52 | 34.19 | 0.00 | Peak | 180 | 60 | HORIZONTAL |
| 2 | 5460.00 | 44.84 | 54.00 | -9.16 | 7.13 | 3.52 | 34.19 | 0.00 | Average | 180 | 60 | HORIZONTAL |
| 3 | 5468.00 | 66.79 | 68.30 | -1.51 | 29.06 | 3.52 | 34.21 | 0.00 | Peak | 180 | 60 | HORIZONTAL |
| 4 | 5496.40 | 103.33 | | | | 3.53 | 34.23 | 0.00 | Average | 180 | 60 | HORIZONTAL |
| 5 | 5507.00 | 113.72 | | | | 3.54 | 34.25 | 0.00 | Peak | 180 | 60 | HORIZONTAL |

Item 4, 5 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 | 5693.20 | 114.59 | | | | 3.59 | 34.34 | 0.00 | Peak | 178 | 300 | HORIZONTAL |
| 2 | 5693.60 | 103.99 | | | | 3.59 | 34.34 | 0.00 | Average | 178 | 300 | HORIZONTAL |
| 3 | 5725.00 | 66.66 | 68.30 | -1.64 | 28.72 | 3.60 | 34.34 | 0.00 | Peak | 178 | 300 | HORIZONTAL |

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

Note:

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

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 52,60,64 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3 (Ant. 8 Panel antenna / 10.5dBi) (1TX) |

**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 | 5265.77 | 110.09 | | | | 3.46 | 33.88 | 0.00 | Average | 100 | 345 | VERTICAL |
| 2 | 5267.05 | 120.89 | | | | 3.46 | 33.88 | 0.00 | Peak | 100 | 345 | VERTICAL |
| 3 | 5353.21 | 62.23 | 74.00 | -11.77 | 24.71 | 3.49 | 34.03 | 0.00 | Peak | 100 | 345 | VERTICAL |
| 4 | 5353.85 | 48.60 | 54.00 | -5.40 | 11.08 | 3.49 | 34.03 | 0.00 | Average | 100 | 345 | 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 | 5305.77 | 109.23 | | | | 3.48 | 33.94 | 0.00 | Average | 100 | 347 | VERTICAL |
| 2 | 5305.77 | 120.10 | | | | 3.48 | 33.94 | 0.00 | Peak | 100 | 347 | VERTICAL |
| 3 | 5350.00 | 52.95 | 54.00 | -1.05 | 15.43 | 3.49 | 34.03 | 0.00 | Average | 100 | 347 | VERTICAL |
| 4 | 5350.00 | 70.01 | 74.00 | -3.99 | 32.49 | 3.49 | 34.03 | 0.00 | Peak | 100 | 347 | 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 | 5324.97 | 114.59 | | | | 3.49 | 33.97 | 0.00 | Peak | 100 | 344 | VERTICAL |
| 2 | 5326.73 | 104.18 | | | | 3.49 | 33.97 | 0.00 | Average | 100 | 344 | VERTICAL |
| 3 | 5350.00 | 52.51 | 54.00 | -1.49 | 14.99 | 3.49 | 34.03 | 0.00 | Average | 100 | 344 | VERTICAL |
| 4 | 5350.48 | 68.84 | 74.00 | -5.16 | 31.32 | 3.49 | 34.03 | 0.00 | Peak | 100 | 344 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 100,140 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3 (Ant. 8 Panel antenna / 10.5dBi) (1TX) |

**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 | 5460.00 | 46.19 | 54.00 | -7.81 | 8.46 | 3.52 | 34.21 | 0.00 | Average | 100 | 4 | VERTICAL |
| 2 | 5460.00 | 57.45 | 74.00 | -16.55 | 19.72 | 3.52 | 34.21 | 0.00 | Peak | 100 | 4 | VERTICAL |
| 3 | 5469.36 | 67.13 | 68.30 | -1.17 | 29.37 | 3.52 | 34.24 | 0.00 | Peak | 100 | 4 | VERTICAL |
| 4 | 5498.24 | 111.91 | | | | 3.53 | 34.26 | 0.00 | Peak | 100 | 4 | VERTICAL |
| 5 | 5506.57 | 101.22 | | | | 3.54 | 34.28 | 0.00 | Average | 100 | 4 | VERTICAL |

Item 4, 5 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 | 5694.87 | 102.43 | | | | 3.59 | 34.34 | 0.00 | Average | 100 | 360 | VERTICAL |
| 2 | 5700.16 | 112.73 | | | | 3.59 | 34.34 | 0.00 | Peak | 100 | 360 | VERTICAL |
| 3 | 5726.12 | 67.22 | 68.30 | -1.08 | 29.28 | 3.60 | 34.34 | 0.00 | Peak | 100 | 360 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 52,60,64 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3 (Ant. 8 Panel antenna / 10.5dBi) (2TX) |

**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 | 5120.00 | 52.65 | 54.00 | -1.35 | 15.61 | 3.43 | 33.61 | 0.00 | Average | 100 | 349 | VERTICAL |
| 2 | 5120.00 | 60.13 | 74.00 | -13.87 | 23.09 | 3.43 | 33.61 | 0.00 | Peak | 100 | 349 | VERTICAL |
| 3 | 5251.99 | 103.55 | | | | 3.46 | 33.85 | 0.00 | Average | 100 | 349 | VERTICAL |
| 4 | 5251.99 | 112.57 | | | | 3.46 | 33.85 | 0.00 | Peak | 100 | 349 | 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 | 5120.00 | 52.85 | 54.00 | -1.15 | 15.81 | 3.43 | 33.61 | 0.00 | Average | 100 | 347 | VERTICAL |
| 2 | 5120.00 | 58.53 | 74.00 | -15.47 | 21.49 | 3.43 | 33.61 | 0.00 | Peak | 100 | 347 | VERTICAL |
| 3 | 5291.99 | 102.70 | | | | 3.47 | 33.91 | 0.00 | Average | 100 | 347 | VERTICAL |
| 4 | 5293.59 | 110.85 | | | | 3.47 | 33.91 | 0.00 | Peak | 100 | 347 | 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 | 5120.00 | 52.87 | 54.00 | -1.13 | 15.83 | 3.43 | 33.61 | 0.00 | Average | 100 | 360 | VERTICAL |
| 2 | 5120.00 | 58.78 | 74.00 | -15.22 | 21.74 | 3.43 | 33.61 | 0.00 | Peak | 100 | 360 | VERTICAL |
| 3 | 5324.81 | 102.03 | | | | 3.49 | 33.97 | 0.00 | Average | 100 | 360 | VERTICAL |
| 4 | 5324.81 | 111.86 | | | | 3.49 | 33.97 | 0.00 | Peak | 100 | 360 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5320 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 100,140 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3 (Ant. 8 Panel antenna / 10.5dBi) (2TX) |

**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 | 5120.00 | 52.31 | 54.00 | -1.69 | 15.27 | 3.43 | 33.61 | 0.00 | Average | 101 | 6 | VERTICAL |
| 2 | 5120.00 | 56.77 | 74.00 | -17.23 | 19.73 | 3.43 | 33.61 | 0.00 | Peak | 101 | 6 | VERTICAL |
| 3 | 5493.59 | 104.07 | | | | 3.53 | 34.26 | 0.00 | Average | 101 | 6 | VERTICAL |
| 4 | 5493.59 | 112.81 | | | | 3.53 | 34.26 | 0.00 | Peak | 101 | 6 | VERTICAL |

Item 3, 4 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 | 5120.00 | 58.65 | 74.00 | -15.35 | 21.61 | 3.43 | 33.61 | 0.00 | Peak | 100 | 2 | VERTICAL |
| 2 | 5120.26 | 52.71 | 54.00 | -1.29 | 15.67 | 3.43 | 33.61 | 0.00 | Average | 100 | 2 | VERTICAL |
| 3 | 5693.59 | 104.40 | | | | 3.59 | 34.34 | 0.00 | Average | 100 | 2 | VERTICAL |
| 4 | 5696.80 | 113.50 | | | | 3.59 | 34.34 | 0.00 | Peak | 100 | 2 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5700 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 52,60,64 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3 (Ant. 8 Panel antenna / 10.5dBi) (2TX) |

**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 | 5120.00 | 52.71 | 54.00 | -1.29 | 15.67 | 3.43 | 33.61 | 0.00 | Average | 100 | 359 | VERTICAL |
| 2 | 5120.00 | 59.58 | 74.00 | -14.42 | 22.54 | 3.43 | 33.61 | 0.00 | Peak | 100 | 359 | VERTICAL |
| 3 | 5251.99 | 102.47 | | | | 3.46 | 33.85 | 0.00 | Average | 100 | 359 | VERTICAL |
| 4 | 5251.99 | 112.74 | | | | 3.46 | 33.85 | 0.00 | Peak | 100 | 359 | 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 | 5120.00 | 52.77 | 54.00 | -1.23 | 15.73 | 3.43 | 33.61 | 0.00 | Average | 100 | 352 | VERTICAL |
| 2 | 5120.00 | 59.03 | 74.00 | -14.97 | 21.99 | 3.43 | 33.61 | 0.00 | Peak | 100 | 352 | VERTICAL |
| 3 | 5301.60 | 101.81 | | | | 3.48 | 33.94 | 0.00 | Average | 100 | 352 | VERTICAL |
| 4 | 5301.60 | 110.58 | | | | 3.48 | 33.94 | 0.00 | Peak | 100 | 352 | 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 | 5120.00 | 52.50 | 54.00 | -1.50 | 15.46 | 3.43 | 33.61 | 0.00 | Average | 100 | 345 | VERTICAL |
| 2 | 5120.00 | 57.92 | 74.00 | -16.08 | 20.88 | 3.43 | 33.61 | 0.00 | Peak | 100 | 345 | VERTICAL |
| 3 | 5324.81 | 111.67 | | | | 3.49 | 33.97 | 0.00 | Peak | 100 | 345 | VERTICAL |
| 4 | 5326.41 | 101.67 | | | | 3.49 | 33.97 | 0.00 | Average | 100 | 345 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5320 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 100,140 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3 (Ant. 8 Panel antenna / 10.5dBi) (2TX) |

**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 | 5117.95 | 52.28 | 54.00 | -1.72 | 15.25 | 3.42 | 33.61 | 0.00 | Average | 100 | 359 | VERTICAL |
| 2 | 5120.00 | 59.05 | 74.00 | -14.95 | 22.01 | 3.43 | 33.61 | 0.00 | Peak | 100 | 359 | VERTICAL |
| 3 | 5504.81 | 101.63 | | | | 3.54 | 34.28 | 0.00 | Average | 100 | 359 | VERTICAL |
| 4 | 5506.41 | 111.63 | | | | 3.54 | 34.28 | 0.00 | Peak | 100 | 359 | VERTICAL |

Item 3, 4 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 | 5120.00 | 58.66 | 74.00 | -15.34 | 21.62 | 3.43 | 33.61 | 0.00 | Peak | 100 | 360 | VERTICAL |
| 2 | 5121.15 | 52.84 | 54.00 | -1.16 | 15.80 | 3.43 | 33.61 | 0.00 | Average | 100 | 360 | VERTICAL |
| 3 | 5693.59 | 102.93 | | | | 3.59 | 34.34 | 0.00 | Average | 100 | 360 | VERTICAL |
| 4 | 5693.59 | 112.61 | | | | 3.59 | 34.34 | 0.00 | Peak | 100 | 360 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5700 MHz.

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 52,60,64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3 (Ant. 8 Panel antenna / 10.5dBi) (3TX) |

**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 | 5081.20 | 52.01 | 54.00 | -1.99 | 15.05 | 3.41 | 33.55 | 0.00 | Average | 111 | 273 | VERTICAL |
| 2 | 5081.20 | 61.46 | 74.00 | -12.54 | 24.50 | 3.41 | 33.55 | 0.00 | Peak | 111 | 273 | VERTICAL |
| 3 | 5260.72 | 106.80 | | | | 3.46 | 33.85 | 0.00 | Peak | 111 | 273 | VERTICAL |
| 4 | 5261.45 | 96.74 | | | | 3.46 | 33.85 | 0.00 | Average | 111 | 273 | VERTICAL |
| 5 | 5439.89 | 52.94 | 54.00 | -1.06 | 15.24 | 3.52 | 34.18 | 0.00 | Average | 111 | 273 | VERTICAL |
| 6 | 5440.16 | 63.15 | 74.00 | -10.85 | 25.45 | 3.52 | 34.18 | 0.00 | Peak | 111 | 273 | 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 | 5292.45 | 107.16 | | | | 3.47 | 33.91 | 0.00 | Peak | 108 | 273 | VERTICAL |
| 2 | 5292.62 | 96.59 | | | | 3.47 | 33.91 | 0.00 | Average | 108 | 273 | VERTICAL |
| 3 | 5439.92 | 52.59 | 54.00 | -1.41 | 14.89 | 3.52 | 34.18 | 0.00 | Average | 108 | 273 | VERTICAL |
| 4 | 5439.92 | 63.78 | 74.00 | -10.22 | 26.08 | 3.52 | 34.18 | 0.00 | Peak | 108 | 273 | 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 | 5321.36 | 95.92 | | | | 3.48 | 33.97 | 0.00 | Average | 110 | 270 | VERTICAL |
| 2 | 5322.52 | 106.63 | | | | 3.49 | 33.97 | 0.00 | Peak | 110 | 270 | VERTICAL |
| 3 | 5439.90 | 52.58 | 54.00 | -1.42 | 14.88 | 3.52 | 34.18 | 0.00 | Average | 110 | 270 | VERTICAL |
| 4 | 5440.14 | 62.73 | 74.00 | -11.27 | 25.03 | 3.52 | 34.18 | 0.00 | Peak | 110 | 270 | VERTICAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 100,140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3 (Ant. 8 Panel antenna / 10.5dBi) (3TX) |

**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 | 5439.78 | 62.29 | 74.00 | -11.71 | 24.59 | 3.52 | 34.18 | 0.00 | Peak | 102 | 267 | VERTICAL |
| 2 | 5439.92 | 52.86 | 54.00 | -1.14 | 15.16 | 3.52 | 34.18 | 0.00 | Average | 102 | 267 | VERTICAL |
| 3 | 5463.92 | 61.13 | 68.30 | -7.17 | 23.40 | 3.52 | 34.21 | 0.00 | Peak | 102 | 267 | VERTICAL |
| 4 | 5507.64 | 96.85 | | | | 3.54 | 34.28 | 0.00 | Average | 102 | 267 | VERTICAL |
| 5 | 5507.67 | 106.72 | | | | 3.54 | 34.28 | 0.00 | Peak | 102 | 267 | VERTICAL |

Item 4, 5 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 | 4999.50 | 52.88 | 54.00 | -1.12 | 16.09 | 3.39 | 33.40 | 0.00 | Average | 100 | 9 | VERTICAL |
| 2 | 5000.00 | 59.43 | 74.00 | -14.57 | 22.64 | 3.39 | 33.40 | 0.00 | Peak | 100 | 9 | VERTICAL |
| 3 | 5120.00 | 52.94 | 54.00 | -1.06 | 15.90 | 3.43 | 33.61 | 0.00 | Average | 100 | 9 | VERTICAL |
| 4 | 5120.00 | 59.98 | 74.00 | -14.02 | 22.94 | 3.43 | 33.61 | 0.00 | Peak | 100 | 9 | VERTICAL |
| 5 | 5700.00 | 98.01 | | | | 3.59 | 34.34 | 0.00 | Average | 100 | 9 | VERTICAL |
| 6 | 5702.90 | 107.48 | | | | 3.59 | 34.34 | 0.00 | Peak | 100 | 9 | VERTICAL |
| 7 | 5725.00 | 57.65 | 68.30 | -10.65 | 19.71 | 3.60 | 34.34 | 0.00 | Peak | 100 | 9 | VERTICAL |

Item 5, 6 are the fundamental frequency at 5700 MHz.

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 52,60,64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3 (Ant. 8 Panel antenna / 10.5dBi) (3TX) |

**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 | 5078.60 | 60.70 | 74.00 | -13.30 | 23.74 | 3.41 | 33.55 | 0.00 | Peak | 100 | 260 | VERTICAL |
| 2 | 5080.80 | 51.29 | 54.00 | -2.71 | 14.33 | 3.41 | 33.55 | 0.00 | Average | 100 | 260 | VERTICAL |
| 3 | 5262.84 | 105.81 | | | | 3.46 | 33.88 | 0.00 | Peak | 100 | 260 | VERTICAL |
| 4 | 5264.60 | 94.29 | | | | 3.46 | 33.88 | 0.00 | Peak | 100 | 260 | VERTICAL |
| 5 | 5439.84 | 62.96 | 74.00 | -11.04 | 25.26 | 3.52 | 34.18 | 0.00 | Peak | 100 | 260 | VERTICAL |
| 6 | 5439.90 | 52.55 | 54.00 | -1.45 | 14.85 | 3.52 | 34.18 | 0.00 | Average | 100 | 260 | 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 | 5119.93 | 52.77 | 54.00 | -1.23 | 15.73 | 3.43 | 33.61 | 0.00 | Average | 108 | 262 | VERTICAL |
| 2 | 5120.16 | 61.71 | 74.00 | -12.29 | 24.67 | 3.43 | 33.61 | 0.00 | Peak | 108 | 262 | VERTICAL |
| 3 | 5295.80 | 109.34 | | | | 3.47 | 33.91 | 0.00 | Peak | 108 | 262 | VERTICAL |
| 4 | 5305.40 | 97.45 | | | | 3.48 | 33.94 | 0.00 | Average | 108 | 262 | 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 | 4999.94 | 52.77 | 54.00 | -1.23 | 15.98 | 3.39 | 33.40 | 0.00 | Average | 119 | 263 | VERTICAL |
| 2 | 5000.10 | 61.36 | 74.00 | -12.64 | 24.57 | 3.39 | 33.40 | 0.00 | Peak | 119 | 263 | VERTICAL |
| 3 | 5119.85 | 62.05 | 74.00 | -11.95 | 25.01 | 3.43 | 33.61 | 0.00 | Peak | 119 | 263 | VERTICAL |
| 4 | 5119.92 | 52.93 | 54.00 | -1.07 | 15.89 | 3.43 | 33.61 | 0.00 | Average | 119 | 263 | VERTICAL |
| 5 | 5239.50 | 64.87 | 68.30 | -3.43 | 27.59 | 3.46 | 33.82 | 0.00 | Peak | 119 | 263 | VERTICAL |
| 6 | 5313.00 | 108.30 | | | | 3.48 | 33.94 | 0.00 | Peak | 119 | 263 | VERTICAL |
| 7 | 5324.00 | 97.08 | | | | 3.49 | 33.97 | 0.00 | Average | 119 | 263 | VERTICAL |

Item 6, 7 are the fundamental frequency at 5320 MHz.

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 100,140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3 (Ant. 8 Panel antenna / 10.5dBi) (3TX) |

**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 | 4999.86 | 61.35 | 74.00 | -12.65 | 24.56 | 3.39 | 33.40 | 0.00 | Peak | 104 | 263 | VERTICAL |
| 2 | 4999.96 | 52.54 | 54.00 | -1.46 | 15.75 | 3.39 | 33.40 | 0.00 | Average | 104 | 263 | VERTICAL |
| 3 | 5399.92 | 63.32 | 74.00 | -10.68 | 25.69 | 3.51 | 34.12 | 0.00 | Peak | 104 | 263 | VERTICAL |
| 4 | 5399.97 | 51.43 | 54.00 | -2.57 | 13.80 | 3.51 | 34.12 | 0.00 | Average | 104 | 263 | VERTICAL |
| 5 | 5469.40 | 61.79 | 68.30 | -6.51 | 24.03 | 3.52 | 34.24 | 0.00 | Peak | 104 | 263 | VERTICAL |
| 6 | 5493.60 | 96.85 | | | | 3.53 | 34.26 | 0.00 | Average | 104 | 263 | VERTICAL |
| 7 | 5501.20 | 108.49 | | | | 3.54 | 34.28 | 0.00 | Peak | 104 | 263 | VERTICAL |

Item 6, 7 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 | 4999.95 | 52.97 | 54.00 | -1.03 | 16.18 | 3.39 | 33.40 | 0.00 | Average | 100 | 269 | VERTICAL |
| 2 | 5000.18 | 60.29 | 74.00 | -13.71 | 23.50 | 3.39 | 33.40 | 0.00 | Peak | 100 | 269 | VERTICAL |
| 3 | 5400.00 | 52.25 | 54.00 | -1.75 | 14.62 | 3.51 | 34.12 | 0.00 | Average | 100 | 269 | VERTICAL |
| 4 | 5400.00 | 61.51 | 74.00 | -12.49 | 23.88 | 3.51 | 34.12 | 0.00 | Peak | 100 | 269 | VERTICAL |
| 5 | 5692.00 | 96.57 | | | | 3.59 | 34.34 | 0.00 | Average | 100 | 269 | VERTICAL |
| 6 | 5727.40 | 58.32 | 68.30 | -9.98 | 20.38 | 3.60 | 34.34 | 0.00 | Peak | 100 | 269 | VERTICAL |

Item 5 are the fundamental frequency at 5700 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS16 20MHz<br>Ch 52,60,64<br>/ Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3<br>(Ant. 8 Panel antenna / 10.5dBi) (3TX) |

**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 | 5120.00 | 52.90 | 54.00 | -1.10 | 15.86 | 3.43 | 33.61 | 0.00 | Average | 100 | 262 | VERTICAL |
| 2 | 5120.00 | 60.62 | 74.00 | -13.38 | 23.58 | 3.43 | 33.61 | 0.00 | Peak | 100 | 262 | VERTICAL |
| 3 | 5254.00 | 96.36 | | | | 3.46 | 33.85 | 0.00 | Average | 100 | 262 | VERTICAL |
| 4 | 5254.00 | 107.23 | | | | 3.46 | 33.85 | 0.00 | Peak | 100 | 262 | 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 | 5306.60 | 95.24 | | | | 3.48 | 33.94 | 0.00 | Average | 108 | 271 | VERTICAL |
| 2 | 5307.36 | 108.31 | | | | 3.48 | 33.94 | 0.00 | Peak | 108 | 271 | VERTICAL |
| 3 | 5399.92 | 64.37 | 74.00 | -9.63 | 26.74 | 3.51 | 34.12 | 0.00 | Peak | 108 | 271 | VERTICAL |
| 4 | 5399.97 | 52.89 | 54.00 | -1.11 | 15.26 | 3.51 | 34.12 | 0.00 | Average | 108 | 271 | 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 | 5326.00 | 108.07 | | | | 3.49 | 33.97 | 0.00 | Peak | 108 | 272 | VERTICAL |
| 2 | 5328.00 | 96.66 | | | | 3.49 | 33.97 | 0.00 | Average | 108 | 272 | VERTICAL |
| 3 | 5399.93 | 52.63 | 54.00 | -1.37 | 15.00 | 3.51 | 34.12 | 0.00 | Average | 108 | 272 | VERTICAL |
| 4 | 5399.98 | 64.38 | 74.00 | -9.62 | 26.75 | 3.51 | 34.12 | 0.00 | Peak | 108 | 272 | VERTICAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS16 20MHz Ch 100,140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3 (Ant. 8 Panel antenna / 10.5dBi) (3TX) |

**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 | 5000.00 | 52.92 | 54.00 | -1.08 | 16.13 | 3.39 | 33.40 | 0.00 | Average | 100 | 269 | VERTICAL |
| 2 | 5000.05 | 60.53 | 74.00 | -13.47 | 23.74 | 3.39 | 33.40 | 0.00 | Peak | 100 | 269 | VERTICAL |
| 3 | 5399.50 | 52.61 | 54.00 | -1.39 | 14.98 | 3.51 | 34.12 | 0.00 | Average | 100 | 269 | VERTICAL |
| 4 | 5399.50 | 60.19 | 74.00 | -13.81 | 22.56 | 3.51 | 34.12 | 0.00 | Peak | 100 | 269 | VERTICAL |
| 5 | 5469.00 | 60.30 | 68.30 | -8.00 | 22.54 | 3.52 | 34.24 | 0.00 | Peak | 100 | 269 | VERTICAL |
| 6 | 5505.44 | 94.59 | | | | 3.54 | 34.28 | 0.00 | Average | 100 | 269 | VERTICAL |
| 7 | 5507.20 | 105.99 | | | | 3.54 | 34.28 | 0.00 | Peak | 100 | 269 | VERTICAL |

Item 6, 7 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 | 5000.00 | 51.90 | 54.00 | -2.10 | 15.11 | 3.39 | 33.40 | 0.00 | Average | 100 | 270 | VERTICAL |
| 2 | 5000.00 | 57.44 | 74.00 | -16.56 | 20.65 | 3.39 | 33.40 | 0.00 | Peak | 100 | 270 | VERTICAL |
| 3 | 5398.00 | 52.88 | 54.00 | -1.12 | 15.29 | 3.50 | 34.09 | 0.00 | Average | 100 | 270 | VERTICAL |
| 4 | 5400.00 | 61.22 | 74.00 | -12.78 | 23.59 | 3.51 | 34.12 | 0.00 | Peak | 100 | 270 | VERTICAL |
| 5 | 5692.00 | 96.10 | | | | 3.59 | 34.34 | 0.00 | Average | 100 | 270 | VERTICAL |
| 6 | 5692.00 | 107.37 | | | | 3.59 | 34.34 | 0.00 | Peak | 100 | 270 | VERTICAL |
| 7 | 5725.40 | 59.21 | 68.30 | -9.09 | 21.27 | 3.60 | 34.34 | 0.00 | Peak | 100 | 270 | VERTICAL |

Item 5, 6 are the fundamental frequency at 5700 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 54,62 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3 (Ant. 8 Panel antenna / 10.5dBi) (1TX) |

**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 | 5284.42 | 115.47 | | | | 3.47 | 33.91 | 0.00 | Peak | 100 | 346 | VERTICAL |
| 2 | 5284.74 | 105.21 | | | | 3.47 | 33.91 | 0.00 | Average | 100 | 346 | VERTICAL |
| 3 | 5350.00 | 52.91 | 54.00 | -1.09 | 15.39 | 3.49 | 34.03 | 0.00 | Average | 100 | 346 | VERTICAL |
| 4 | 5350.00 | 68.26 | 74.00 | -5.74 | 30.74 | 3.49 | 34.03 | 0.00 | Peak | 100 | 346 | 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 | 5323.78 | 107.79 | | | | 3.49 | 33.97 | 0.00 | Peak | 100 | 346 | VERTICAL |
| 2 | 5326.99 | 97.92 | | | | 3.49 | 33.97 | 0.00 | Average | 100 | 346 | VERTICAL |
| 3 | 5350.00 | 52.89 | 54.00 | -1.11 | 15.37 | 3.49 | 34.03 | 0.00 | Average | 100 | 346 | VERTICAL |
| 4 | 5354.17 | 71.93 | 74.00 | -2.07 | 34.41 | 3.49 | 34.03 | 0.00 | Peak | 100 | 346 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz<br>Ch 102,110,134<br>/ Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3<br>(Ant. 8 Panel antenna / 10.5dBi) (1TX) |

**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 | 5460.00 | 48.39 | 54.00 | -5.61 | 10.66 | 3.52 | 34.21 | 0.00 | Average | 100 | 4 | VERTICAL |
| 2 | 5460.00 | 61.01 | 74.00 | -12.99 | 23.28 | 3.52 | 34.21 | 0.00 | Peak | 100 | 4 | VERTICAL |
| 3 | 5469.36 | 67.03 | 68.30 | -1.27 | 29.27 | 3.52 | 34.24 | 0.00 | Peak | 100 | 4 | VERTICAL |
| 4 | 5498.78 | 106.64 | | | | 3.53 | 34.26 | 0.00 | Peak | 100 | 4 | VERTICAL |
| 5 | 5523.78 | 96.29 | | | | 3.54 | 34.30 | 0.00 | Average | 100 | 4 | VERTICAL |

Item 4, 5 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 | 5460.00 | 51.82 | 54.00 | -2.18 | 14.09 | 3.52 | 34.21 | 0.00 | Average | 100 | 8 | VERTICAL |
| 2 | 5460.00 | 65.30 | 74.00 | -8.70 | 27.57 | 3.52 | 34.21 | 0.00 | Peak | 100 | 8 | VERTICAL |
| 3 | 5463.27 | 66.83 | 68.30 | -1.47 | 29.10 | 3.52 | 34.21 | 0.00 | Peak | 100 | 8 | VERTICAL |
| 4 | 5534.62 | 115.57 | | | | 3.55 | 34.30 | 0.00 | Peak | 100 | 8 | VERTICAL |
| 5 | 5535.58 | 105.46 | | | | 3.55 | 34.31 | 0.00 | Average | 100 | 8 | VERTICAL |

Item 4, 5 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 | 5655.58 | 111.99 | | | | 3.59 | 34.33 | 0.00 | Average | 100 | 358 | VERTICAL |
| 2 | 5683.14 | 101.46 | | | | 3.59 | 34.33 | 0.00 | Average | 100 | 358 | VERTICAL |
| 3 | 5732.05 | 67.08 | 68.30 | -1.22 | 29.13 | 3.61 | 34.34 | 0.00 | Average | 100 | 358 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 54,62 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3 (Ant. 8 Panel antenna / 10.5dBi) (2TX) |

**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 | 5119.55 | 52.96 | 54.00 | -1.04 | 15.92 | 3.43 | 33.61 | 0.00 | Average | 100 | 360 | VERTICAL |
| 2 | 5120.00 | 59.46 | 74.00 | -14.54 | 22.42 | 3.43 | 33.61 | 0.00 | Peak | 100 | 360 | VERTICAL |
| 3 | 5252.37 | 110.97 | | | | 3.46 | 33.85 | 0.00 | Peak | 100 | 360 | VERTICAL |
| 4 | 5253.97 | 101.45 | | | | 3.46 | 33.85 | 0.00 | Average | 100 | 360 | 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 | 5120.00 | 52.87 | 54.00 | -1.13 | 15.83 | 3.43 | 33.61 | 0.00 | Average | 100 | 350 | VERTICAL |
| 2 | 5120.00 | 59.92 | 74.00 | -14.08 | 22.88 | 3.43 | 33.61 | 0.00 | Peak | 100 | 350 | VERTICAL |
| 3 | 5326.03 | 99.78 | | | | 3.49 | 33.97 | 0.00 | Average | 100 | 350 | VERTICAL |
| 4 | 5326.03 | 109.49 | | | | 3.49 | 33.97 | 0.00 | Peak | 100 | 350 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5310 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz<br>Ch 102,110,134<br>/ Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3<br>(Ant. 8 Panel antenna / 10.5dBi) (2TX) |

**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 | 4957.69 | 52.45 | 54.00 | -1.55 | 15.75 | 3.37 | 33.33 | 0.00 | Average | 102 | 358 | VERTICAL |
| 2 | 5000.00 | 57.81 | 74.00 | -16.19 | 21.02 | 3.39 | 33.40 | 0.00 | Peak | 102 | 358 | VERTICAL |
| 3 | 5526.03 | 102.12 | | | | 3.54 | 34.30 | 0.00 | Average | 102 | 358 | VERTICAL |
| 4 | 5526.03 | 110.79 | | | | 3.54 | 34.30 | 0.00 | Peak | 102 | 358 | VERTICAL |

Item 3, 4 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 | 4959.74 | 52.57 | 54.00 | -1.43 | 15.87 | 3.37 | 33.33 | 0.00 | Average | 103 | 357 | VERTICAL |
| 2 | 4960.90 | 58.02 | 74.00 | -15.98 | 21.32 | 3.37 | 33.33 | 0.00 | Peak | 103 | 357 | VERTICAL |
| 3 | 5537.18 | 105.13 | | | | 3.55 | 34.31 | 0.00 | Average | 103 | 357 | VERTICAL |
| 4 | 5537.18 | 114.59 | | | | 3.55 | 34.31 | 0.00 | Peak | 103 | 357 | VERTICAL |

Item 3, 4 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 | 5120.00 | 52.25 | 54.00 | -1.75 | 15.21 | 3.43 | 33.61 | 0.00 | Average | 100 | 357 | VERTICAL |
| 2 | 5120.00 | 57.28 | 74.00 | -16.72 | 20.24 | 3.43 | 33.61 | 0.00 | Peak | 100 | 357 | VERTICAL |
| 3 | 5653.97 | 102.31 | | | | 3.59 | 34.33 | 0.00 | Average | 100 | 357 | VERTICAL |
| 4 | 5653.97 | 110.78 | | | | 3.59 | 34.33 | 0.00 | Peak | 100 | 357 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5670 MHz.

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 54, 62 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3 (Ant. 8 Panel antenna / 10.5dBi) (2TX) |

**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 | 5120.00 | 52.89 | 54.00 | -1.11 | 15.85 | 3.43 | 33.61 | 0.00 | Average | 100 | 357 | VERTICAL |
| 2 | 5120.00 | 59.08 | 74.00 | -14.92 | 22.04 | 3.43 | 33.61 | 0.00 | Peak | 100 | 357 | VERTICAL |
| 3 | 5253.97 | 98.80 | | | | 3.46 | 33.85 | 0.00 | Average | 100 | 357 | VERTICAL |
| 4 | 5258.78 | 109.69 | | | | 3.46 | 33.85 | 0.00 | Peak | 100 | 357 | 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 | 5120.00 | 52.91 | 54.00 | -1.09 | 15.87 | 3.43 | 33.61 | 0.00 | Average | 100 | 349 | VERTICAL |
| 2 | 5120.00 | 60.99 | 74.00 | -13.01 | 23.95 | 3.43 | 33.61 | 0.00 | Peak | 100 | 349 | VERTICAL |
| 3 | 5321.22 | 108.91 | | | | 3.48 | 33.97 | 0.00 | Peak | 100 | 349 | VERTICAL |
| 4 | 5324.42 | 98.18 | | | | 3.49 | 33.97 | 0.00 | Average | 100 | 349 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5310 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz<br>Ch 102, 110, 134<br>/ Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3<br>(Ant. 8 Panel antenna / 10.5dBi) (2TX) |

**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 | 5118.40 | 57.97 | 74.00 | -16.03 | 20.93 | 3.43 | 33.61 | 0.00 | Peak | 101 | 356 | VERTICAL |
| 2 | 5119.55 | 52.28 | 54.00 | -1.72 | 15.24 | 3.43 | 33.61 | 0.00 | Average | 101 | 356 | VERTICAL |
| 3 | 5521.22 | 98.57 | | | | 3.54 | 34.30 | 0.00 | Average | 101 | 356 | VERTICAL |
| 4 | 5527.63 | 109.40 | | | | 3.55 | 34.30 | 0.00 | Peak | 101 | 356 | VERTICAL |

Item 3, 4 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 | 5120.00 | 52.90 | 54.00 | -1.10 | 15.86 | 3.43 | 33.61 | 0.00 | Average | 100 | 3 | VERTICAL |
| 2 | 5120.00 | 59.06 | 74.00 | -14.94 | 22.02 | 3.43 | 33.61 | 0.00 | Peak | 100 | 3 | VERTICAL |
| 3 | 5537.18 | 101.34 | | | | 3.55 | 34.31 | 0.00 | Average | 100 | 3 | VERTICAL |
| 4 | 5537.18 | 112.35 | | | | 3.55 | 34.31 | 0.00 | Peak | 100 | 3 | VERTICAL |

Item 3, 4 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 | 5117.95 | 52.86 | 54.00 | -1.14 | 15.83 | 3.42 | 33.61 | 0.00 | Average | 100 | 1 | VERTICAL |
| 2 | 5120.00 | 58.70 | 74.00 | -15.30 | 21.66 | 3.43 | 33.61 | 0.00 | Peak | 100 | 1 | VERTICAL |
| 3 | 5660.39 | 100.58 | | | | 3.59 | 34.33 | 0.00 | Average | 100 | 1 | VERTICAL |
| 4 | 5660.39 | 111.48 | | | | 3.59 | 34.33 | 0.00 | Peak | 100 | 1 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5670 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 54,62 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3 (Ant. 8 Panel antenna / 10.5dBi) (3TX) |

**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 | 5120.00 | 52.99 | 54.00 | -1.01 | 15.95 | 3.43 | 33.61 | 0.00 | Average | 110 | 262 | VERTICAL |
| 2 | 5120.00 | 59.73 | 74.00 | -14.27 | 22.69 | 3.43 | 33.61 | 0.00 | Peak | 110 | 262 | VERTICAL |
| 3 | 5258.00 | 96.45 | | | | 3.46 | 33.85 | 0.00 | Average | 110 | 262 | VERTICAL |
| 4 | 5260.00 | 105.39 | | | | 3.46 | 33.85 | 0.00 | Peak | 110 | 262 | 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 | 5327.20 | 97.75 | | | | 3.49 | 33.97 | 0.00 | Average | 107 | 265 | VERTICAL |
| 2 | 5327.40 | 107.43 | | | | 3.49 | 33.97 | 0.00 | Peak | 107 | 265 | VERTICAL |
| 3 | 5360.00 | 52.92 | 54.00 | -1.08 | 15.40 | 3.49 | 34.03 | 0.00 | Average | 107 | 265 | VERTICAL |
| 4 | 5360.00 | 61.65 | 74.00 | -12.35 | 24.13 | 3.49 | 34.03 | 0.00 | Peak | 107 | 265 | VERTICAL |
| 5 | 5400.02 | 52.95 | 54.00 | -1.05 | 15.32 | 3.51 | 34.12 | 0.00 | Average | 107 | 265 | VERTICAL |
| 6 | 5400.08 | 64.62 | 74.00 | -9.38 | 26.99 | 3.51 | 34.12 | 0.00 | Peak | 107 | 265 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz<br>Ch 102,110,134<br>/ Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3<br>(Ant. 8 Panel antenna / 10.5dBi) (3TX) |

**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 | 4997.60 | 59.45 | 74.00 | -14.55 | 22.66 | 3.39 | 33.40 | 0.00 | Peak | 114 | 269 | VERTICAL |
| 2 | 4999.20 | 52.66 | 54.00 | -1.34 | 15.87 | 3.39 | 33.40 | 0.00 | Average | 114 | 269 | VERTICAL |
| 3 | 5399.60 | 51.99 | 54.00 | -2.01 | 14.36 | 3.51 | 34.12 | 0.00 | Average | 114 | 269 | VERTICAL |
| 4 | 5399.60 | 59.76 | 74.00 | -14.24 | 22.13 | 3.51 | 34.12 | 0.00 | Peak | 114 | 269 | VERTICAL |
| 5 | 5467.60 | 60.28 | 68.30 | -8.02 | 22.52 | 3.52 | 34.24 | 0.00 | Peak | 114 | 269 | VERTICAL |
| 6 | 5498.00 | 104.76 | | | | 3.53 | 34.26 | 0.00 | Peak | 114 | 269 | VERTICAL |
| 7 | 5519.60 | 95.39 | | | | 3.54 | 34.30 | 0.00 | Average | 114 | 269 | VERTICAL |

Item 6, 7 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 | 4998.00 | 52.62 | 54.00 | -1.38 | 15.83 | 3.39 | 33.40 | 0.00 | Average | 101 | 269 | VERTICAL |
| 2 | 5000.40 | 59.77 | 74.00 | -14.23 | 22.98 | 3.39 | 33.40 | 0.00 | Peak | 101 | 269 | VERTICAL |
| 3 | 5398.80 | 52.61 | 54.00 | -1.39 | 15.01 | 3.51 | 34.09 | 0.00 | Average | 101 | 269 | VERTICAL |
| 4 | 5400.00 | 61.05 | 74.00 | -12.95 | 23.42 | 3.51 | 34.12 | 0.00 | Peak | 101 | 269 | VERTICAL |
| 5 | 5547.60 | 96.19 | | | | 3.55 | 34.31 | 0.00 | Average | 101 | 269 | VERTICAL |
| 6 | 5550.00 | 105.85 | | | | 3.55 | 34.31 | 0.00 | Peak | 101 | 269 | 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 | 4998.00 | 57.88 | 74.00 | -16.12 | 21.09 | 3.39 | 33.40 | 0.00 | Peak | 100 | 269 | VERTICAL |
| 2 | 5396.00 | 52.51 | 54.00 | -1.49 | 14.92 | 3.50 | 34.09 | 0.00 | Average | 100 | 269 | VERTICAL |
| 3 | 5396.00 | 60.90 | 74.00 | -13.10 | 23.31 | 3.50 | 34.09 | 0.00 | Peak | 100 | 269 | VERTICAL |
| 4 | 5654.00 | 93.71 | | | | 3.59 | 34.33 | 0.00 | Average | 100 | 269 | VERTICAL |
| 5 | 5670.00 | 102.79 | | | | 3.59 | 34.33 | 0.00 | Peak | 100 | 269 | VERTICAL |
| 6 | 5725.00 | 58.88 | 68.30 | -9.42 | 20.94 | 3.60 | 34.34 | 0.00 | Peak | 100 | 269 | VERTICAL |

Item 4, 5 are the fundamental frequency at 5670 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 54,62 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3 (Ant. 8 Panel antenna / 10.5dBi) (3TX) |

**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 | 5120.00 | 52.98 | 54.00 | -1.02 | 15.94 | 3.43 | 33.61 | 0.00 | Average | 100 | 261 | VERTICAL |
| 2 | 5120.00 | 61.03 | 74.00 | -12.97 | 23.99 | 3.43 | 33.61 | 0.00 | Peak | 100 | 261 | VERTICAL |
| 3 | 5256.00 | 93.91 | | | | 3.46 | 33.85 | 0.00 | Average | 100 | 261 | VERTICAL |
| 4 | 5256.00 | 104.11 | | | | 3.46 | 33.85 | 0.00 | Peak | 100 | 261 | 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 | 5120.00 | 52.68 | 54.00 | -1.32 | 15.64 | 3.43 | 33.61 | 0.00 | Average | 107 | 263 | VERTICAL |
| 2 | 5120.00 | 59.27 | 74.00 | -14.73 | 22.23 | 3.43 | 33.61 | 0.00 | Peak | 107 | 263 | VERTICAL |
| 3 | 5324.00 | 95.14 | | | | 3.49 | 33.97 | 0.00 | Average | 107 | 263 | VERTICAL |
| 4 | 5324.00 | 106.45 | | | | 3.49 | 33.97 | 0.00 | Peak | 107 | 263 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5310 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz<br>Ch 102, 110, 134<br>/ Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3<br>(Ant. 8 Panel antenna / 10.5dBi) (3TX) |

**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 | 4997.60 | 58.93 | 74.00 | -15.07 | 22.14 | 3.39 | 33.40 | 0.00 | Peak | 100 | 276 | VERTICAL |
| 2 | 4998.80 | 52.24 | 54.00 | -1.76 | 15.45 | 3.39 | 33.40 | 0.00 | Average | 100 | 276 | VERTICAL |
| 3 | 5117.60 | 59.07 | 74.00 | -14.93 | 22.04 | 3.42 | 33.61 | 0.00 | Peak | 100 | 276 | VERTICAL |
| 4 | 5118.80 | 52.90 | 54.00 | -1.10 | 15.86 | 3.43 | 33.61 | 0.00 | Average | 100 | 276 | VERTICAL |
| 5 | 5462.80 | 59.82 | 68.30 | -8.48 | 22.09 | 3.52 | 34.21 | 0.00 | Peak | 100 | 276 | VERTICAL |
| 6 | 5524.40 | 104.64 | | | | 3.54 | 34.30 | 0.00 | Peak | 100 | 276 | VERTICAL |
| 7 | 5526.80 | 93.40 | | | | 3.55 | 34.30 | 0.00 | Average | 100 | 276 | VERTICAL |

Item 6, 7 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 | 4996.00 | 57.64 | 74.00 | -16.36 | 20.85 | 3.39 | 33.40 | 0.00 | Peak | 100 | 269 | VERTICAL |
| 2 | 4998.00 | 51.35 | 54.00 | -2.65 | 14.56 | 3.39 | 33.40 | 0.00 | Average | 100 | 269 | VERTICAL |
| 3 | 5398.00 | 52.72 | 54.00 | -1.28 | 15.13 | 3.50 | 34.09 | 0.00 | Average | 100 | 269 | VERTICAL |
| 4 | 5400.00 | 59.62 | 74.00 | -14.38 | 21.99 | 3.51 | 34.12 | 0.00 | Peak | 100 | 269 | VERTICAL |
| 5 | 5470.00 | 61.11 | 68.30 | -7.19 | 23.35 | 3.52 | 34.24 | 0.00 | Peak | 100 | 269 | VERTICAL |
| 6 | 5566.00 | 96.08 | | | | 3.55 | 34.31 | 0.00 | Average | 100 | 269 | VERTICAL |
| 7 | 5566.00 | 105.98 | | | | 3.55 | 34.31 | 0.00 | Peak | 100 | 269 | VERTICAL |

Item 6, 7 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 | 5118.00 | 52.62 | 54.00 | -1.38 | 15.59 | 3.42 | 33.61 | 0.00 | Average | 100 | 262 | VERTICAL |
| 2 | 5118.00 | 59.97 | 74.00 | -14.03 | 22.94 | 3.42 | 33.61 | 0.00 | Peak | 100 | 262 | VERTICAL |
| 3 | 5654.00 | 102.97 | | | | 3.59 | 34.33 | 0.00 | Peak | 100 | 262 | VERTICAL |
| 4 | 5658.00 | 93.31 | | | | 3.59 | 34.33 | 0.00 | Average | 100 | 262 | VERTICAL |
| 5 | 5745.00 | 58.58 | 68.30 | -9.72 | 20.62 | 3.61 | 34.35 | 0.00 | Peak | 100 | 262 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5670 MHz.

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS16 40MHz Ch 54, 62 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3 (Ant. 8 Panel antenna / 10.5dBi) (3TX) |

**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 | 5120.00 | 52.76 | 54.00 | -1.24 | 15.72 | 3.43 | 33.61 | 0.00 | Average | 100 | 261 | VERTICAL |
| 2 | 5120.00 | 61.35 | 74.00 | -12.65 | 24.31 | 3.43 | 33.61 | 0.00 | Peak | 100 | 261 | VERTICAL |
| 3 | 5256.00 | 93.09 | | | | 3.46 | 33.85 | 0.00 | Average | 100 | 261 | VERTICAL |
| 4 | 5256.00 | 104.67 | | | | 3.46 | 33.85 | 0.00 | Peak | 100 | 261 | 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 | 5326.00 | 94.16 | | | | 3.49 | 33.97 | 0.00 | Average | 107 | 272 | VERTICAL |
| 2 | 5326.00 | 104.89 | | | | 3.49 | 33.97 | 0.00 | Peak | 107 | 272 | VERTICAL |
| 3 | 5400.00 | 52.63 | 54.00 | -1.37 | 15.00 | 3.51 | 34.12 | 0.00 | Average | 107 | 272 | VERTICAL |
| 4 | 5400.00 | 63.07 | 74.00 | -10.93 | 25.44 | 3.51 | 34.12 | 0.00 | Peak | 107 | 272 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS16 40MHz<br>Ch 102, 110, 134<br>/ Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3<br>(Ant. 8 Panel antenna / 10.5dBi) (3TX) |

**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 | 4998.80 | 52.82 | 54.00 | -1.18 | 16.03 | 3.39 | 33.40 | 0.00 | Average | 113 | 269 | VERTICAL |
| 2 | 4998.80 | 58.88 | 74.00 | -15.12 | 22.09 | 3.39 | 33.40 | 0.00 | Peak | 113 | 269 | VERTICAL |
| 3 | 5399.60 | 52.75 | 54.00 | -1.25 | 15.12 | 3.51 | 34.12 | 0.00 | Average | 113 | 269 | VERTICAL |
| 4 | 5400.00 | 60.36 | 74.00 | -13.64 | 22.73 | 3.51 | 34.12 | 0.00 | Peak | 113 | 269 | VERTICAL |
| 5 | 5470.00 | 62.03 | 68.30 | -6.27 | 24.27 | 3.52 | 34.24 | 0.00 | Peak | 113 | 269 | VERTICAL |
| 6 | 5512.40 | 105.53 | | | | 3.54 | 34.28 | 0.00 | Peak | 113 | 269 | VERTICAL |
| 7 | 5526.80 | 93.95 | | | | 3.55 | 34.30 | 0.00 | Average | 113 | 269 | VERTICAL |

Item 6, 7 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 | 4996.00 | 59.70 | 74.00 | -14.30 | 22.91 | 3.39 | 33.40 | 0.00 | Peak | 100 | 268 | VERTICAL |
| 2 | 4998.00 | 52.92 | 54.00 | -1.08 | 16.13 | 3.39 | 33.40 | 0.00 | Average | 100 | 268 | VERTICAL |
| 3 | 5396.00 | 52.15 | 54.00 | -1.85 | 14.56 | 3.50 | 34.09 | 0.00 | Average | 100 | 268 | VERTICAL |
| 4 | 5400.00 | 60.59 | 74.00 | -13.41 | 22.96 | 3.51 | 34.12 | 0.00 | Peak | 100 | 268 | VERTICAL |
| 5 | 5462.00 | 59.99 | 68.30 | -8.31 | 22.26 | 3.52 | 34.21 | 0.00 | Peak | 100 | 268 | VERTICAL |
| 6 | 5538.00 | 104.55 | | | | 3.55 | 34.31 | 0.00 | Peak | 100 | 268 | VERTICAL |
| 7 | 5542.00 | 92.67 | | | | 3.55 | 34.31 | 0.00 | Average | 100 | 268 | VERTICAL |

Item 6, 7 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 | 4998.00 | 52.06 | 54.00 | -1.94 | 15.27 | 3.39 | 33.40 | 0.00 | Average | 100 | 269 | VERTICAL |
| 2 | 4998.00 | 57.67 | 74.00 | -16.33 | 20.88 | 3.39 | 33.40 | 0.00 | Peak | 100 | 269 | VERTICAL |
| 3 | 5396.00 | 52.49 | 54.00 | -1.51 | 14.90 | 3.50 | 34.09 | 0.00 | Average | 100 | 269 | VERTICAL |
| 4 | 5396.00 | 60.21 | 74.00 | -13.79 | 22.62 | 3.50 | 34.09 | 0.00 | Peak | 100 | 269 | VERTICAL |
| 5 | 5654.00 | 93.00 | | | | 3.59 | 34.33 | 0.00 | Average | 100 | 269 | VERTICAL |
| 6 | 5654.00 | 105.24 | | | | 3.59 | 34.33 | 0.00 | Peak | 100 | 269 | VERTICAL |
| 7 | 5761.00 | 56.97 | 68.30 | -11.33 | 19.00 | 3.62 | 34.35 | 0.00 | Peak | 100 | 269 | VERTICAL |

Item 5, 6 are the fundamental frequency at 5670 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 52,60,64 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3 (Ant. 8 Panel antenna / 10.5dBi) (1TX) |

**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 | 5264.49 | 121.71 | | | | 3.46 | 33.88 | 0.00 | Peak | 100 | 346 | VERTICAL |
| 2 | 5266.09 | 111.33 | | | | 3.46 | 33.88 | 0.00 | Average | 100 | 346 | VERTICAL |
| 3 | 5350.00 | 49.52 | 54.00 | -4.48 | 12.00 | 3.49 | 34.03 | 0.00 | Average | 100 | 346 | VERTICAL |
| 4 | 5351.92 | 62.88 | 74.00 | -11.12 | 25.36 | 3.49 | 34.03 | 0.00 | Peak | 100 | 346 | 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 | 5304.49 | 120.02 | | | | 3.48 | 33.94 | 0.00 | Peak | 100 | 347 | VERTICAL |
| 2 | 5305.45 | 109.91 | | | | 3.48 | 33.94 | 0.00 | Average | 100 | 347 | VERTICAL |
| 3 | 5350.00 | 52.65 | 54.00 | -1.35 | 15.13 | 3.49 | 34.03 | 0.00 | Average | 100 | 347 | VERTICAL |
| 4 | 5350.96 | 71.45 | 74.00 | -2.55 | 33.93 | 3.49 | 34.03 | 0.00 | Peak | 100 | 347 | 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 | 5325.13 | 115.07 | | | | 3.49 | 33.97 | 0.00 | Peak | 100 | 348 | VERTICAL |
| 2 | 5325.93 | 105.22 | | | | 3.49 | 33.97 | 0.00 | Average | 100 | 348 | VERTICAL |
| 3 | 5350.00 | 52.52 | 54.00 | -1.48 | 15.00 | 3.49 | 34.03 | 0.00 | Average | 100 | 348 | VERTICAL |
| 4 | 5350.00 | 68.48 | 74.00 | -5.52 | 30.96 | 3.49 | 34.03 | 0.00 | Peak | 100 | 348 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 100,140 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3 (Ant. 8 Panel antenna / 10.5dBi) (1TX) |

**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 | 5460.00 | 45.94 | 54.00 | -8.06 | 8.21 | 3.52 | 34.21 | 0.00 | Average | 100 | 3 | VERTICAL |
| 2 | 5460.00 | 58.03 | 74.00 | -15.97 | 20.30 | 3.52 | 34.21 | 0.00 | Peak | 100 | 3 | VERTICAL |
| 3 | 5468.40 | 66.94 | 68.30 | -1.36 | 29.18 | 3.52 | 34.24 | 0.00 | Peak | 100 | 3 | VERTICAL |
| 4 | 5502.72 | 113.03 | | | | 3.54 | 34.28 | 0.00 | Peak | 100 | 3 | VERTICAL |
| 5 | 5504.97 | 101.92 | | | | 3.54 | 34.28 | 0.00 | Average | 100 | 3 | VERTICAL |

Item 4, 5 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 | 5692.79 | 113.94 | | | | 3.59 | 34.34 | 0.00 | Peak | 100 | 17 | VERTICAL |
| 2 | 5695.67 | 103.08 | | | | 3.59 | 34.34 | 0.00 | Average | 100 | 17 | VERTICAL |
| 3 | 5725.32 | 67.06 | 68.30 | -1.24 | 29.12 | 3.60 | 34.34 | 0.00 | Peak | 100 | 17 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 52,60,64 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3 (Ant. 8 Panel antenna / 10.5dBi) (2TX) |

**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 | 4998.40 | 62.42 | 74.00 | -11.58 | 25.63 | 3.39 | 33.40 | 0.00 | Peak | 100 | 348 | VERTICAL |
| 2 | 5040.13 | 52.97 | 54.00 | -1.03 | 16.11 | 3.40 | 33.46 | 0.00 | Average | 100 | 348 | VERTICAL |
| 3 | 5121.15 | 52.31 | 54.00 | -1.69 | 15.27 | 3.43 | 33.61 | 0.00 | Average | 100 | 348 | VERTICAL |
| 4 | 5253.59 | 103.86 | | | | 3.46 | 33.85 | 0.00 | Average | 100 | 348 | VERTICAL |
| 5 | 5255.19 | 113.19 | | | | 3.46 | 33.85 | 0.00 | Peak | 100 | 348 | VERTICAL |

Item 4, 5 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 | 5121.15 | 52.73 | 54.00 | -1.27 | 15.69 | 3.43 | 33.61 | 0.00 | Average | 100 | 346 | VERTICAL |
| 2 | 5121.15 | 60.32 | 74.00 | -13.68 | 23.28 | 3.43 | 33.61 | 0.00 | Peak | 100 | 346 | VERTICAL |
| 3 | 5306.41 | 103.81 | | | | 3.48 | 33.94 | 0.00 | Average | 100 | 346 | VERTICAL |
| 4 | 5306.41 | 112.39 | | | | 3.48 | 33.94 | 0.00 | Peak | 100 | 346 | 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 | 5092.31 | 58.99 | 74.00 | -15.01 | 22.00 | 3.41 | 33.58 | 0.00 | Peak | 100 | 358 | VERTICAL |
| 2 | 5119.55 | 52.98 | 54.00 | -1.02 | 15.94 | 3.43 | 33.61 | 0.00 | Average | 100 | 358 | VERTICAL |
| 3 | 5324.81 | 103.47 | | | | 3.49 | 33.97 | 0.00 | Average | 100 | 358 | VERTICAL |
| 4 | 5324.81 | 112.27 | | | | 3.49 | 33.97 | 0.00 | Peak | 100 | 358 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5320 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 100,140 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3 (Ant. 8 Panel antenna / 10.5dBi) (2TX) |

**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 | 4956.80 | 57.77 | 74.00 | -16.23 | 21.07 | 3.37 | 33.33 | 0.00 | Peak | 102 | 357 | VERTICAL |
| 2 | 4958.40 | 52.12 | 54.00 | -1.88 | 15.42 | 3.37 | 33.33 | 0.00 | Average | 102 | 357 | VERTICAL |
| 3 | 5399.10 | 51.57 | 54.00 | -2.43 | 13.94 | 3.51 | 34.12 | 0.00 | Average | 102 | 357 | VERTICAL |
| 4 | 5399.10 | 59.48 | 74.00 | -14.52 | 21.85 | 3.51 | 34.12 | 0.00 | Peak | 102 | 357 | VERTICAL |
| 5 | 5470.00 | 59.25 | 68.30 | -9.05 | 21.49 | 3.52 | 34.24 | 0.00 | Peak | 102 | 357 | VERTICAL |
| 6 | 5506.41 | 104.24 | | | | 3.54 | 34.28 | 0.00 | Average | 102 | 357 | VERTICAL |
| 7 | 5506.41 | 113.44 | | | | 3.54 | 34.28 | 0.00 | Peak | 102 | 357 | VERTICAL |

Item 6, 7 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 | 5120.00 | 58.18 | 74.00 | -15.82 | 21.14 | 3.43 | 33.61 | 0.00 | Peak | 100 | 354 | VERTICAL |
| 2 | 5120.26 | 52.24 | 54.00 | -1.76 | 15.20 | 3.43 | 33.61 | 0.00 | Average | 100 | 354 | VERTICAL |
| 3 | 5693.59 | 113.18 | | | | 3.59 | 34.34 | 0.00 | Peak | 100 | 354 | VERTICAL |
| 4 | 5696.80 | 104.35 | | | | 3.59 | 34.34 | 0.00 | Average | 100 | 354 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5700 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 52,60,64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3 (Ant. 8 Panel antenna / 10.5dBi) (3TX) |

**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 | 4992.60 | 60.55 | 74.00 | -13.45 | 23.76 | 3.39 | 33.40 | 0.00 | Peak | 100 | 7 | VERTICAL |
| 2 | 5000.10 | 52.99 | 54.00 | -1.01 | 16.20 | 3.39 | 33.40 | 0.00 | Average | 100 | 7 | VERTICAL |
| 3 | 5120.00 | 61.22 | 74.00 | -12.78 | 24.18 | 3.43 | 33.61 | 0.00 | Peak | 100 | 7 | VERTICAL |
| 4 | 5120.20 | 52.93 | 54.00 | -1.07 | 15.89 | 3.43 | 33.61 | 0.00 | Average | 100 | 7 | VERTICAL |
| 5 | 5252.80 | 100.67 | | | | 3.46 | 33.85 | 0.00 | Average | 100 | 7 | VERTICAL |
| 6 | 5261.40 | 109.83 | | | | 3.46 | 33.85 | 0.00 | Peak | 100 | 7 | VERTICAL |
| 7 | 5400.00 | 61.51 | 74.00 | -12.49 | 23.88 | 3.51 | 34.12 | 0.00 | Peak | 100 | 7 | VERTICAL |
| 8 | 5400.90 | 52.89 | 54.00 | -1.11 | 15.26 | 3.51 | 34.12 | 0.00 | Average | 100 | 7 | VERTICAL |

Item 5, 6 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 | 4998.40 | 52.98 | 54.00 | -1.02 | 16.19 | 3.39 | 33.40 | 0.00 | Average | 100 | 8 | VERTICAL |
| 2 | 5000.00 | 60.35 | 74.00 | -13.65 | 23.56 | 3.39 | 33.40 | 0.00 | Peak | 100 | 8 | VERTICAL |
| 3 | 5120.00 | 52.95 | 54.00 | -1.05 | 15.91 | 3.43 | 33.61 | 0.00 | Average | 100 | 8 | VERTICAL |
| 4 | 5120.00 | 60.83 | 74.00 | -13.17 | 23.79 | 3.43 | 33.61 | 0.00 | Peak | 100 | 8 | VERTICAL |
| 5 | 5304.30 | 99.49 | | | | 3.48 | 33.94 | 0.00 | Average | 100 | 8 | VERTICAL |
| 6 | 5304.30 | 108.44 | | | | 3.48 | 33.94 | 0.00 | Peak | 100 | 8 | VERTICAL |
| 7 | 5440.00 | 52.35 | 54.00 | -1.65 | 14.65 | 3.52 | 34.18 | 0.00 | Average | 100 | 8 | VERTICAL |
| 8 | 5440.00 | 61.18 | 74.00 | -12.82 | 23.48 | 3.52 | 34.18 | 0.00 | Peak | 100 | 8 | VERTICAL |

Item 5, 6 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 | 5000.00 | 52.79 | 54.00 | -1.21 | 16.00 | 3.39 | 33.40 | 0.00 | Average | 100 | 7 | VERTICAL |
| 2 | 5000.00 | 59.35 | 74.00 | -14.65 | 22.56 | 3.39 | 33.40 | 0.00 | Peak | 100 | 7 | VERTICAL |
| 3 | 5120.00 | 52.94 | 54.00 | -1.06 | 15.90 | 3.43 | 33.61 | 0.00 | Average | 100 | 7 | VERTICAL |
| 4 | 5120.00 | 61.60 | 74.00 | -12.40 | 24.56 | 3.43 | 33.61 | 0.00 | Peak | 100 | 7 | VERTICAL |
| 5 | 5321.40 | 99.56 | | | | 3.48 | 33.97 | 0.00 | Average | 100 | 7 | VERTICAL |
| 6 | 5321.40 | 108.84 | | | | 3.48 | 33.97 | 0.00 | Peak | 100 | 7 | VERTICAL |
| 7 | 5400.00 | 51.80 | 54.00 | -2.20 | 14.17 | 3.51 | 34.12 | 0.00 | Average | 100 | 7 | VERTICAL |
| 8 | 5400.00 | 60.93 | 74.00 | -13.07 | 23.30 | 3.51 | 34.12 | 0.00 | Peak | 100 | 7 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5320 MHz.

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 100,140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 3 (Ant. 8 Panel antenna / 10.5dBi) (3TX) |

**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 | 5000.00 | 52.77 | 54.00 | -1.23 | 15.98 | 3.39 | 33.40 | 0.00 | Average | 102 | 3 | VERTICAL |
| 2 | 5000.00 | 61.42 | 74.00 | -12.58 | 24.63 | 3.39 | 33.40 | 0.00 | Peak | 102 | 3 | VERTICAL |
| 3 | 5470.00 | 60.20 | 68.30 | -8.10 | 22.44 | 3.52 | 34.24 | 0.00 | Peak | 102 | 3 | VERTICAL |
| 4 | 5502.90 | 100.48 | | | | 3.54 | 34.28 | 0.00 | Average | 102 | 3 | VERTICAL |
| 5 | 5502.90 | 109.85 | | | | 3.54 | 34.28 | 0.00 | Peak | 102 | 3 | VERTICAL |

Item 4, 5 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 | 5000.00 | 52.91 | 54.00 | -1.09 | 16.12 | 3.39 | 33.40 | 0.00 | Average | 100 | 355 | VERTICAL |
| 2 | 5000.00 | 59.69 | 74.00 | -14.31 | 22.90 | 3.39 | 33.40 | 0.00 | Peak | 100 | 355 | VERTICAL |
| 3 | 5694.20 | 99.80 | | | | 3.59 | 34.34 | 0.00 | Average | 100 | 355 | VERTICAL |
| 4 | 5694.20 | 108.36 | | | | 3.59 | 34.34 | 0.00 | Peak | 100 | 355 | VERTICAL |
| 5 | 5725.00 | 58.06 | 68.30 | -10.24 | 20.12 | 3.60 | 34.34 | 0.00 | Peak | 100 | 355 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5700 MHz.

Note:

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

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 52,60,64 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (1TX) |

**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 | 5149.40 | 62.26 | 74.00 | -11.74 | 25.16 | 3.43 | 33.67 | 0.00 | Peak | 103 | 360 | VERTICAL |
| 2 | 5150.00 | 46.19 | 54.00 | -7.81 | 9.09 | 3.43 | 33.67 | 0.00 | Average | 103 | 360 | VERTICAL |
| 3 | 5252.20 | 122.41 | | | | 3.46 | 33.85 | 0.00 | Peak | 103 | 360 | VERTICAL |
| 4 | 5253.40 | 111.68 | | | | 3.46 | 33.85 | 0.00 | Average | 103 | 360 | VERTICAL |
| 5 | 5350.00 | 50.28 | 54.00 | -3.72 | 12.76 | 3.49 | 34.03 | 0.00 | Average | 103 | 360 | VERTICAL |
| 6 | 5352.40 | 62.69 | 74.00 | -11.31 | 25.17 | 3.49 | 34.03 | 0.00 | Peak | 103 | 360 | 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 | 5304.80 | 119.93 | | | | 3.48 | 33.94 | 0.00 | Peak | 103 | 360 | VERTICAL |
| 2 | 5306.80 | 109.51 | | | | 3.48 | 33.94 | 0.00 | Average | 103 | 360 | VERTICAL |
| 3 | 5350.00 | 52.66 | 54.00 | -1.34 | 15.14 | 3.49 | 34.03 | 0.00 | Average | 103 | 360 | VERTICAL |
| 4 | 5350.40 | 68.13 | 74.00 | -5.87 | 30.61 | 3.49 | 34.03 | 0.00 | Peak | 103 | 360 | 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 | 5326.60 | 115.43 | | | | 3.49 | 33.97 | 0.00 | Peak | 103 | 360 | VERTICAL |
| 2 | 5326.80 | 105.42 | | | | 3.49 | 33.97 | 0.00 | Average | 103 | 360 | VERTICAL |
| 3 | 5350.00 | 52.46 | 54.00 | -1.54 | 14.94 | 3.49 | 34.03 | 0.00 | Average | 103 | 360 | VERTICAL |
| 4 | 5351.00 | 71.52 | 74.00 | -2.48 | 34.00 | 3.49 | 34.03 | 0.00 | Peak | 103 | 360 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 100,140 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (1TX) |

**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 | 5459.20 | 59.91 | 74.00 | -14.09 | 22.18 | 3.52 | 34.21 | 0.00 | Peak | 100 | 360 | VERTICAL |
| 2 | 5460.00 | 45.87 | 54.00 | -8.13 | 8.14 | 3.52 | 34.21 | 0.00 | Average | 100 | 360 | VERTICAL |
| 3 | 5468.40 | 66.64 | 68.30 | -1.66 | 28.88 | 3.52 | 34.24 | 0.00 | Peak | 100 | 360 | VERTICAL |
| 4 | 5506.60 | 99.73 | | | | 3.54 | 34.28 | 0.00 | Average | 100 | 360 | VERTICAL |
| 5 | 5506.60 | 110.76 | | | | 3.54 | 34.28 | 0.00 | Peak | 100 | 360 | VERTICAL |

Item 4, 5 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 | 5694.20 | 110.93 | | | | 3.59 | 34.34 | 0.00 | Peak | 109 | 351 | VERTICAL |
| 2 | 5696.40 | 99.49 | | | | 3.59 | 34.34 | 0.00 | Average | 109 | 351 | VERTICAL |
| 3 | 5726.20 | 67.19 | 68.30 | -1.11 | 29.25 | 3.60 | 34.34 | 0.00 | Peak | 109 | 351 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 52,60,64 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (2TX) |

**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 | 5119.40 | 50.39 | 54.00 | -3.61 | 13.35 | 3.43 | 33.61 | 0.00 | Average | 115 | 357 | VERTICAL |
| 2 | 5119.40 | 59.76 | 74.00 | -14.24 | 22.72 | 3.43 | 33.61 | 0.00 | Peak | 115 | 357 | VERTICAL |
| 3 | 5254.00 | 117.98 | | | | 3.46 | 33.85 | 0.00 | Peak | 115 | 357 | VERTICAL |
| 4 | 5255.20 | 107.64 | | | | 3.46 | 33.85 | 0.00 | Average | 115 | 357 | VERTICAL |
| 5 | 5400.60 | 51.54 | 54.00 | -2.46 | 13.91 | 3.51 | 34.12 | 0.00 | Average | 115 | 357 | VERTICAL |
| 6 | 5400.60 | 61.52 | 74.00 | -12.48 | 23.89 | 3.51 | 34.12 | 0.00 | Peak | 115 | 357 | 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 | 4959.81 | 59.49 | 74.00 | -14.51 | 22.79 | 3.37 | 33.33 | 0.00 | Peak | 100 | 360 | VERTICAL |
| 2 | 4959.96 | 50.74 | 54.00 | -3.26 | 14.04 | 3.37 | 33.33 | 0.00 | Average | 100 | 360 | VERTICAL |
| 3 | 5305.40 | 96.55 | | | | 3.48 | 33.94 | 0.00 | Average | 100 | 360 | VERTICAL |
| 4 | 5306.20 | 106.53 | | | | 3.48 | 33.94 | 0.00 | Peak | 100 | 360 | VERTICAL |
| 5 | 5399.97 | 52.44 | 54.00 | -1.56 | 14.81 | 3.51 | 34.12 | 0.00 | Average | 100 | 360 | VERTICAL |
| 6 | 5399.98 | 61.51 | 74.00 | -12.49 | 23.88 | 3.51 | 34.12 | 0.00 | Peak | 100 | 360 | 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 | 4959.79 | 59.77 | 74.00 | -14.23 | 23.07 | 3.37 | 33.33 | 0.00 | Peak | 100 | 360 | VERTICAL |
| 2 | 4959.98 | 51.48 | 54.00 | -2.52 | 14.78 | 3.37 | 33.33 | 0.00 | Average | 100 | 360 | VERTICAL |
| 3 | 5315.00 | 96.91 | | | | 3.48 | 33.97 | 0.00 | Average | 100 | 360 | VERTICAL |
| 4 | 5315.20 | 107.55 | | | | 3.48 | 33.97 | 0.00 | Peak | 100 | 360 | VERTICAL |
| 5 | 5399.88 | 62.07 | 74.00 | -11.93 | 24.44 | 3.51 | 34.12 | 0.00 | Peak | 100 | 360 | VERTICAL |
| 6 | 5399.97 | 52.87 | 54.00 | -1.13 | 15.24 | 3.51 | 34.12 | 0.00 | Average | 100 | 360 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5320 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 100,140 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (2TX) |

**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 | 5399.95 | 52.82 | 54.00 | -1.18 | 15.19 | 3.51 | 34.12 | 0.00 | Average | 100 | 2 | VERTICAL |
| 2 | 5400.05 | 61.06 | 74.00 | -12.94 | 23.43 | 3.51 | 34.12 | 0.00 | Peak | 100 | 2 | VERTICAL |
| 3 | 5468.80 | 58.52 | 68.30 | -9.78 | 20.76 | 3.52 | 34.24 | 0.00 | Peak | 100 | 2 | VERTICAL |
| 4 | 5506.60 | 96.57 | | | | 3.54 | 34.28 | 0.00 | Average | 100 | 2 | VERTICAL |
| 5 | 5507.20 | 107.08 | | | | 3.54 | 34.28 | 0.00 | Peak | 100 | 2 | VERTICAL |

Item 4, 5 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 | 5400.01 | 52.90 | 54.00 | -1.10 | 15.27 | 3.51 | 34.12 | 0.00 | Average | 103 | 2 | VERTICAL |
| 2 | 5400.03 | 61.68 | 74.00 | -12.32 | 24.05 | 3.51 | 34.12 | 0.00 | Peak | 103 | 2 | VERTICAL |
| 3 | 5694.80 | 95.47 | | | | 3.59 | 34.34 | 0.00 | Average | 103 | 2 | VERTICAL |
| 4 | 5697.00 | 106.10 | | | | 3.59 | 34.34 | 0.00 | Peak | 103 | 2 | VERTICAL |
| 5 | 5800.00 | 56.36 | 68.30 | -11.94 | 18.37 | 3.63 | 34.36 | 0.00 | Peak | 103 | 2 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5700 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 52,60,64 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (2TX) |

**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 | 4959.60 | 52.08 | 54.00 | -1.92 | 15.38 | 3.37 | 33.33 | 0.00 | Average | 104 | 1 | VERTICAL |
| 2 | 4990.00 | 62.01 | 74.00 | -11.99 | 25.23 | 3.38 | 33.40 | 0.00 | Peak | 104 | 1 | VERTICAL |
| 3 | 5253.00 | 105.61 | | | | 3.46 | 33.85 | 0.00 | Average | 104 | 1 | VERTICAL |
| 4 | 5256.40 | 117.55 | | | | 3.46 | 33.85 | 0.00 | Peak | 104 | 1 | VERTICAL |
| 5 | 5400.00 | 62.89 | 74.00 | -11.11 | 25.26 | 3.51 | 34.12 | 0.00 | Peak | 104 | 1 | VERTICAL |
| 6 | 5400.40 | 52.60 | 54.00 | -1.40 | 14.97 | 3.51 | 34.12 | 0.00 | Average | 104 | 1 | 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 | 5119.20 | 51.37 | 54.00 | -2.63 | 14.33 | 3.43 | 33.61 | 0.00 | Average | 104 | 0 | VERTICAL |
| 2 | 5119.60 | 58.97 | 74.00 | -15.03 | 21.93 | 3.43 | 33.61 | 0.00 | Peak | 104 | 0 | VERTICAL |
| 3 | 5301.80 | 107.94 | | | | 3.48 | 33.94 | 0.00 | Peak | 104 | 0 | VERTICAL |
| 4 | 5307.00 | 95.25 | | | | 3.48 | 33.94 | 0.00 | Average | 104 | 0 | VERTICAL |
| 5 | 5399.96 | 52.16 | 54.00 | -1.84 | 14.53 | 3.51 | 34.12 | 0.00 | Average | 104 | 0 | VERTICAL |
| 6 | 5399.98 | 61.39 | 74.00 | -12.61 | 23.76 | 3.51 | 34.12 | 0.00 | Peak | 104 | 0 | 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 | 4960.00 | 51.93 | 54.00 | -2.07 | 15.23 | 3.37 | 33.33 | 0.00 | Average | 103 | 6 | VERTICAL |
| 2 | 4983.80 | 60.47 | 74.00 | -13.53 | 23.72 | 3.38 | 33.37 | 0.00 | Peak | 103 | 6 | VERTICAL |
| 3 | 5313.60 | 95.86 | | | | 3.48 | 33.94 | 0.00 | Average | 103 | 6 | VERTICAL |
| 4 | 5323.20 | 107.40 | | | | 3.49 | 33.97 | 0.00 | Peak | 103 | 6 | VERTICAL |
| 5 | 5400.00 | 52.39 | 54.00 | -1.61 | 14.76 | 3.51 | 34.12 | 0.00 | Average | 103 | 6 | VERTICAL |
| 6 | 5400.00 | 61.44 | 74.00 | -12.56 | 23.81 | 3.51 | 34.12 | 0.00 | Peak | 103 | 6 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5320 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 100,140 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (2TX) |

**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 | 4960.40 | 52.87 | 54.00 | -1.13 | 16.17 | 3.37 | 33.33 | 0.00 | Average | 103 | 357 | VERTICAL |
| 2 | 4991.00 | 61.08 | 74.00 | -12.92 | 24.29 | 3.39 | 33.40 | 0.00 | Peak | 103 | 357 | VERTICAL |
| 3 | 5400.00 | 52.88 | 54.00 | -1.12 | 15.25 | 3.51 | 34.12 | 0.00 | Average | 103 | 357 | VERTICAL |
| 4 | 5400.00 | 60.48 | 74.00 | -13.52 | 22.85 | 3.51 | 34.12 | 0.00 | Peak | 103 | 357 | VERTICAL |
| 5 | 5469.60 | 57.83 | 68.30 | -10.47 | 20.07 | 3.52 | 34.24 | 0.00 | Peak | 103 | 357 | VERTICAL |
| 6 | 5506.80 | 107.70 | | | | 3.54 | 34.28 | 0.00 | Peak | 103 | 357 | VERTICAL |
| 7 | 5507.20 | 96.11 | | | | 3.54 | 34.28 | 0.00 | Average | 103 | 357 | VERTICAL |

Item 6, 7 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 | 4960.00 | 52.98 | 54.00 | -1.02 | 16.28 | 3.37 | 33.33 | 0.00 | Average | 103 | 360 | VERTICAL |
| 2 | 4991.60 | 61.49 | 74.00 | -12.51 | 24.70 | 3.39 | 33.40 | 0.00 | Peak | 103 | 360 | VERTICAL |
| 3 | 5399.80 | 62.09 | 74.00 | -11.91 | 24.46 | 3.51 | 34.12 | 0.00 | Peak | 103 | 360 | VERTICAL |
| 4 | 5400.00 | 52.68 | 54.00 | -1.32 | 15.05 | 3.51 | 34.12 | 0.00 | Average | 103 | 360 | VERTICAL |
| 5 | 5694.00 | 91.89 | | | | 3.59 | 34.34 | 0.00 | Average | 103 | 360 | VERTICAL |
| 6 | 5702.60 | 104.16 | | | | 3.59 | 34.34 | 0.00 | Peak | 103 | 360 | VERTICAL |
| 7 | 5799.00 | 57.91 | 68.30 | -10.39 | 19.92 | 3.63 | 34.36 | 0.00 | Peak | 103 | 360 | VERTICAL |

Item 5, 6 are the fundamental frequency at 5700 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 52,60,64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (3TX) |

**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 | 5000.00 | 52.57 | 54.00 | -1.43 | 15.78 | 3.39 | 33.40 | 0.00 | Average | 104 | 343 | VERTICAL |
| 2 | 5000.00 | 57.37 | 74.00 | -16.63 | 20.58 | 3.39 | 33.40 | 0.00 | Peak | 104 | 343 | VERTICAL |
| 3 | 5264.00 | 105.28 | | | | 3.46 | 33.88 | 0.00 | Average | 104 | 343 | VERTICAL |
| 4 | 5264.00 | 114.81 | | | | 3.46 | 33.88 | 0.00 | Peak | 104 | 343 | 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 | 5120.00 | 52.38 | 54.00 | -1.62 | 15.34 | 3.43 | 33.61 | 0.00 | Average | 102 | 347 | VERTICAL |
| 2 | 5120.00 | 57.51 | 74.00 | -16.49 | 20.47 | 3.43 | 33.61 | 0.00 | Peak | 102 | 347 | VERTICAL |
| 3 | 5296.00 | 93.96 | | | | 3.47 | 33.91 | 0.00 | Average | 102 | 347 | VERTICAL |
| 4 | 5304.00 | 103.51 | | | | 3.48 | 33.94 | 0.00 | Peak | 102 | 347 | 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 | 5000.00 | 52.35 | 54.00 | -1.65 | 15.56 | 3.39 | 33.40 | 0.00 | Average | 100 | 344 | VERTICAL |
| 2 | 5000.00 | 57.36 | 74.00 | -16.64 | 20.57 | 3.39 | 33.40 | 0.00 | Peak | 100 | 344 | VERTICAL |
| 3 | 5318.00 | 93.16 | | | | 3.48 | 33.97 | 0.00 | Average | 100 | 344 | VERTICAL |
| 4 | 5318.00 | 102.71 | | | | 3.48 | 33.97 | 0.00 | Peak | 100 | 344 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5320 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 100,140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (3TX) |

**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 | 5120.00 | 52.98 | 54.00 | -1.02 | 15.94 | 3.43 | 33.61 | 0.00 | Average | 105 | 355 | VERTICAL |
| 2 | 5120.00 | 58.95 | 74.00 | -15.05 | 21.91 | 3.43 | 33.61 | 0.00 | Peak | 105 | 355 | VERTICAL |
| 3 | 5470.00 | 54.99 | 68.30 | -13.31 | 17.23 | 3.52 | 34.24 | 0.00 | Peak | 105 | 355 | VERTICAL |
| 4 | 5496.00 | 92.49 | | | | 3.53 | 34.26 | 0.00 | Average | 105 | 355 | VERTICAL |
| 5 | 5496.00 | 101.80 | | | | 3.53 | 34.26 | 0.00 | Peak | 105 | 355 | VERTICAL |

Item 4, 5 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 | 5120.00 | 52.30 | 54.00 | -1.70 | 15.26 | 3.43 | 33.61 | 0.00 | Average | 104 | 352 | VERTICAL |
| 2 | 5120.00 | 57.82 | 74.00 | -16.18 | 20.78 | 3.43 | 33.61 | 0.00 | Peak | 104 | 352 | VERTICAL |
| 3 | 5704.00 | 93.27 | | | | 3.59 | 34.34 | 0.00 | Average | 104 | 352 | VERTICAL |
| 4 | 5704.00 | 101.90 | | | | 3.59 | 34.34 | 0.00 | Peak | 104 | 352 | VERTICAL |
| 5 | 5725.00 | 52.35 | 68.30 | -15.95 | 14.41 | 3.60 | 34.34 | 0.00 | Peak | 104 | 352 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5700 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 52,60,64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (3TX) |

**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 | 5000.00 | 52.88 | 54.00 | -1.12 | 16.09 | 3.39 | 33.40 | 0.00 | Average | 102 | 350 | VERTICAL |
| 2 | 5000.00 | 57.55 | 74.00 | -16.45 | 20.76 | 3.39 | 33.40 | 0.00 | Peak | 102 | 350 | VERTICAL |
| 3 | 5256.00 | 102.65 | | | | 3.46 | 33.85 | 0.00 | Average | 102 | 350 | VERTICAL |
| 4 | 5258.00 | 112.72 | | | | 3.46 | 33.85 | 0.00 | Peak | 102 | 350 | 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 | 5000.00 | 57.04 | 74.00 | -16.96 | 20.25 | 3.39 | 33.40 | 0.00 | Peak | 105 | 348 | VERTICAL |
| 2 | 5000.00 | 52.40 | 54.00 | -1.60 | 15.61 | 3.39 | 33.40 | 0.00 | Average | 105 | 348 | VERTICAL |
| 3 | 5306.00 | 102.73 | | | | 3.48 | 33.94 | 0.00 | Peak | 105 | 348 | VERTICAL |
| 4 | 5308.00 | 92.60 | | | | 3.48 | 33.94 | 0.00 | Average | 105 | 348 | 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 | 5000.00 | 52.44 | 54.00 | -1.56 | 15.65 | 3.39 | 33.40 | 0.00 | Average | 101 | 348 | VERTICAL |
| 2 | 5000.00 | 56.81 | 74.00 | -17.19 | 20.02 | 3.39 | 33.40 | 0.00 | Peak | 101 | 348 | VERTICAL |
| 3 | 5314.00 | 103.16 | | | | 3.48 | 33.97 | 0.00 | Peak | 101 | 348 | VERTICAL |
| 4 | 5316.00 | 93.35 | | | | 3.48 | 33.97 | 0.00 | Average | 101 | 348 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5320 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 100,140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (3TX) |

**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 | 5000.00 | 52.99 | 54.00 | -1.01 | 16.20 | 3.39 | 33.40 | 0.00 | Average | 104 | 350 | VERTICAL |
| 2 | 5000.00 | 57.09 | 74.00 | -16.91 | 20.30 | 3.39 | 33.40 | 0.00 | Peak | 104 | 350 | VERTICAL |
| 3 | 5470.00 | 53.84 | 68.30 | -14.46 | 16.08 | 3.52 | 34.24 | 0.00 | Peak | 104 | 350 | VERTICAL |
| 4 | 5508.00 | 90.27 | | | | 3.54 | 34.28 | 0.00 | Average | 104 | 350 | VERTICAL |
| 5 | 5508.00 | 100.08 | | | | 3.54 | 34.28 | 0.00 | Peak | 104 | 350 | VERTICAL |

Item 4, 5 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 | 4998.00 | 52.97 | 54.00 | -1.03 | 16.18 | 3.39 | 33.40 | 0.00 | Average | 106 | 349 | VERTICAL |
| 2 | 5000.00 | 58.32 | 74.00 | -15.68 | 21.53 | 3.39 | 33.40 | 0.00 | Peak | 106 | 349 | VERTICAL |
| 3 | 5696.00 | 101.08 | | | | 3.59 | 34.34 | 0.00 | Peak | 106 | 349 | VERTICAL |
| 4 | 5700.00 | 90.48 | | | | 3.59 | 34.34 | 0.00 | Average | 106 | 349 | VERTICAL |
| 5 | 5725.00 | 53.95 | 68.30 | -14.35 | 16.01 | 3.60 | 34.34 | 0.00 | Peak | 106 | 349 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5700 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS16 20MHz<br>Ch 52,60,64<br>/ Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4<br>(Ant. 9 Yagi antenna / 8dBi) (3TX) |

**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 | 5119.55 | 51.43 | 54.00 | -2.57 | 14.39 | 3.43 | 33.61 | 0.00 | Average | 103 | 346 | VERTICAL |
| 2 | 5119.55 | 53.76 | 74.00 | -20.24 | 16.72 | 3.43 | 33.61 | 0.00 | Peak | 103 | 346 | VERTICAL |
| 3 | 5254.39 | 106.82 | | | | 3.46 | 33.85 | 0.00 | Peak | 103 | 346 | VERTICAL |
| 4 | 5266.41 | 104.49 | | | | 3.46 | 33.88 | 0.00 | Average | 103 | 346 | VERTICAL |
| 5 | 5360.42 | 52.80 | 54.00 | -1.20 | 15.28 | 3.49 | 34.03 | 0.00 | Average | 103 | 346 | VERTICAL |
| 6 | 5360.42 | 55.14 | 74.00 | -18.86 | 17.62 | 3.49 | 34.03 | 0.00 | Peak | 103 | 346 | 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 | 5119.55 | 52.74 | 54.00 | -1.26 | 15.70 | 3.43 | 33.61 | 0.00 | Average | 100 | 348 | VERTICAL |
| 2 | 5119.55 | 54.59 | 74.00 | -19.41 | 17.55 | 3.43 | 33.61 | 0.00 | Peak | 100 | 348 | VERTICAL |
| 3 | 5304.81 | 98.80 | | | | 3.48 | 33.94 | 0.00 | Peak | 100 | 348 | VERTICAL |
| 4 | 5306.41 | 95.57 | | | | 3.48 | 33.94 | 0.00 | Average | 100 | 348 | VERTICAL |
| 5 | 5400.48 | 52.17 | 54.00 | -1.83 | 14.54 | 3.51 | 34.12 | 0.00 | Average | 100 | 348 | VERTICAL |
| 6 | 5400.48 | 53.50 | 74.00 | -20.50 | 15.87 | 3.51 | 34.12 | 0.00 | Peak | 100 | 348 | 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 | 5312.79 | 99.95 | | | | 3.48 | 33.94 | 0.00 | Peak | 103 | 344 | VERTICAL |
| 2 | 5313.59 | 97.20 | | | | 3.48 | 33.94 | 0.00 | Average | 103 | 344 | VERTICAL |
| 3 | 5400.48 | 52.67 | 54.00 | -1.33 | 15.04 | 3.51 | 34.12 | 0.00 | Average | 103 | 344 | VERTICAL |
| 4 | 5400.48 | 54.00 | 74.00 | -20.00 | 16.37 | 3.51 | 34.12 | 0.00 | Peak | 103 | 344 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS16 20MHz Ch 100,140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (3TX) |

**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 | 4999.98 | 60.65 | 74.00 | -13.35 | 23.86 | 3.39 | 33.40 | 0.00 | Peak | 100 | 7 | VERTICAL |
| 2 | 4999.98 | 52.69 | 54.00 | -1.31 | 15.90 | 3.39 | 33.40 | 0.00 | Average | 100 | 7 | VERTICAL |
| 3 | 5470.00 | 56.10 | 68.30 | -12.20 | 18.34 | 3.52 | 34.24 | 0.00 | Peak | 100 | 7 | VERTICAL |
| 4 | 5507.05 | 95.28 | | | | 3.54 | 34.28 | 0.00 | Average | 100 | 7 | VERTICAL |
| 5 | 5507.69 | 107.70 | | | | 3.54 | 34.28 | 0.00 | Peak | 100 | 7 | VERTICAL |

Item 4, 5 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 | 5119.98 | 61.28 | 74.00 | -12.72 | 24.24 | 3.43 | 33.61 | 0.00 | Peak | 108 | 360 | VERTICAL |
| 2 | 5119.98 | 52.82 | 54.00 | -1.18 | 15.78 | 3.43 | 33.61 | 0.00 | Average | 108 | 360 | VERTICAL |
| 3 | 5694.07 | 91.39 | | | | 3.59 | 34.34 | 0.00 | Average | 108 | 360 | VERTICAL |
| 4 | 5696.47 | 103.44 | | | | 3.59 | 34.34 | 0.00 | Peak | 108 | 360 | VERTICAL |
| 5 | 5745.83 | 56.68 | 68.30 | -11.62 | 18.72 | 3.61 | 34.35 | 0.00 | Peak | 108 | 360 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5700 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 54,62 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (1TX) |

**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 | 5253.60 | 105.40 | | | | 3.46 | 33.85 | 0.00 | Average | 104 | 359 | VERTICAL |
| 2 | 5254.40 | 116.20 | | | | 3.46 | 33.85 | 0.00 | Peak | 104 | 359 | VERTICAL |
| 3 | 5350.00 | 52.44 | 54.00 | -1.56 | 14.92 | 3.49 | 34.03 | 0.00 | Average | 104 | 359 | VERTICAL |
| 4 | 5350.00 | 65.59 | 74.00 | -8.41 | 28.07 | 3.49 | 34.03 | 0.00 | Peak | 104 | 359 | 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 | 5325.20 | 99.43 | | | | 3.49 | 33.97 | 0.00 | Average | 102 | 360 | VERTICAL |
| 2 | 5325.20 | 109.61 | | | | 3.49 | 33.97 | 0.00 | Peak | 102 | 360 | VERTICAL |
| 3 | 5350.00 | 52.11 | 54.00 | -1.89 | 14.59 | 3.49 | 34.03 | 0.00 | Average | 102 | 360 | VERTICAL |
| 4 | 5352.40 | 72.24 | 74.00 | -1.76 | 34.72 | 3.49 | 34.03 | 0.00 | Peak | 102 | 360 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz<br>Ch 102,110,134<br>/ Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4<br>(Ant. 9 Yagi antenna / 8dBi) (1TX) |

**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 | 5460.00 | 47.57 | 54.00 | -6.43 | 9.84 | 3.52 | 34.21 | 0.00 | Average | 100 | 360 | VERTICAL |
| 2 | 5460.00 | 62.63 | 74.00 | -11.37 | 24.90 | 3.52 | 34.21 | 0.00 | Peak | 100 | 360 | VERTICAL |
| 3 | 5469.20 | 67.19 | 68.30 | -1.11 | 29.43 | 3.52 | 34.24 | 0.00 | Peak | 100 | 360 | VERTICAL |
| 4 | 5526.00 | 94.96 | | | | 3.54 | 34.30 | 0.00 | Average | 100 | 360 | VERTICAL |
| 5 | 5526.80 | 105.83 | | | | 3.55 | 34.30 | 0.00 | Peak | 100 | 360 | VERTICAL |

Item 4, 5 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 | 5459.20 | 65.13 | 74.00 | -8.87 | 27.42 | 3.52 | 34.19 | 0.00 | Peak | 105 | 350 | HORIZONTAL |
| 2 | 5460.00 | 50.22 | 54.00 | -3.78 | 12.51 | 3.52 | 34.19 | 0.00 | Average | 105 | 350 | HORIZONTAL |
| 3 | 5462.00 | 66.70 | 68.30 | -1.60 | 28.99 | 3.52 | 34.19 | 0.00 | Peak | 105 | 350 | HORIZONTAL |
| 4 | 5537.20 | 100.59 | | | | 3.55 | 34.29 | 0.00 | Average | 105 | 350 | HORIZONTAL |
| 5 | 5540.00 | 111.41 | | | | 3.55 | 34.29 | 0.00 | Peak | 105 | 350 | HORIZONTAL |

Item 4, 5 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 | 5657.60 | 111.58 | | | | 3.59 | 34.33 | 0.00 | Peak | 100 | 349 | VERTICAL |
| 2 | 5658.80 | 100.62 | | | | 3.59 | 34.33 | 0.00 | Average | 100 | 349 | VERTICAL |
| 3 | 5733.00 | 66.71 | 68.30 | -1.59 | 28.76 | 3.61 | 34.34 | 0.00 | Peak | 100 | 349 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 54,62 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (2TX) |

**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 | 4958.60 | 52.04 | 54.00 | -1.96 | 15.34 | 3.37 | 33.33 | 0.00 | Average | 114 | 5 | VERTICAL |
| 2 | 5000.60 | 61.95 | 74.00 | -12.05 | 25.16 | 3.39 | 33.40 | 0.00 | Peak | 114 | 5 | VERTICAL |
| 3 | 5278.40 | 105.18 | | | | 3.47 | 33.88 | 0.00 | Average | 114 | 5 | VERTICAL |
| 4 | 5279.00 | 115.47 | | | | 3.47 | 33.88 | 0.00 | Peak | 114 | 5 | VERTICAL |
| 5 | 5400.40 | 50.56 | 54.00 | -3.44 | 12.93 | 3.51 | 34.12 | 0.00 | Average | 114 | 5 | VERTICAL |
| 6 | 5400.40 | 62.87 | 74.00 | -11.13 | 25.24 | 3.51 | 34.12 | 0.00 | Peak | 114 | 5 | 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 | 5119.20 | 52.07 | 54.00 | -1.93 | 15.03 | 3.43 | 33.61 | 0.00 | Average | 105 | 5 | VERTICAL |
| 2 | 5119.60 | 59.81 | 74.00 | -14.19 | 22.77 | 3.43 | 33.61 | 0.00 | Peak | 105 | 5 | VERTICAL |
| 3 | 5327.60 | 101.07 | | | | 3.49 | 33.97 | 0.00 | Average | 105 | 5 | VERTICAL |
| 4 | 5327.60 | 111.00 | | | | 3.49 | 33.97 | 0.00 | Peak | 105 | 5 | VERTICAL |
| 5 | 5350.00 | 52.87 | 54.00 | -1.13 | 15.35 | 3.49 | 34.03 | 0.00 | Average | 105 | 5 | VERTICAL |
| 6 | 5357.20 | 69.98 | 74.00 | -4.02 | 32.46 | 3.49 | 34.03 | 0.00 | Peak | 105 | 5 | VERTICAL |
| 7 | 5400.40 | 52.40 | 54.00 | -1.60 | 14.77 | 3.51 | 34.12 | 0.00 | Average | 105 | 5 | VERTICAL |
| 8 | 5400.40 | 61.71 | 74.00 | -12.29 | 24.08 | 3.51 | 34.12 | 0.00 | Peak | 105 | 5 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5310 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz<br>Ch 102,110,134<br>/ Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4<br>(Ant. 9 Yagi antenna / 8dBi) (2TX) |

**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 | 4958.40 | 52.36 | 54.00 | -1.64 | 15.66 | 3.37 | 33.33 | 0.00 | Average | 100 | 0 | VERTICAL |
| 2 | 4960.00 | 58.95 | 74.00 | -15.05 | 22.25 | 3.37 | 33.33 | 0.00 | Peak | 100 | 0 | VERTICAL |
| 3 | 5470.00 | 58.42 | 68.30 | -9.88 | 20.66 | 3.52 | 34.24 | 0.00 | Peak | 100 | 0 | VERTICAL |
| 4 | 5512.00 | 104.11 | | | | 3.54 | 34.28 | 0.00 | Peak | 100 | 0 | VERTICAL |
| 5 | 5526.80 | 94.66 | | | | 3.55 | 34.30 | 0.00 | Average | 100 | 0 | VERTICAL |

Item 4, 5 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 | 4960.40 | 52.14 | 54.00 | -1.86 | 15.44 | 3.37 | 33.33 | 0.00 | Average | 100 | 5 | VERTICAL |
| 2 | 4993.60 | 61.40 | 74.00 | -12.60 | 24.61 | 3.39 | 33.40 | 0.00 | Peak | 100 | 5 | VERTICAL |
| 3 | 5397.60 | 47.83 | 54.00 | -6.17 | 10.24 | 3.50 | 34.09 | 0.00 | Average | 100 | 5 | VERTICAL |
| 4 | 5400.00 | 59.27 | 74.00 | -14.73 | 21.64 | 3.51 | 34.12 | 0.00 | Peak | 100 | 5 | VERTICAL |
| 5 | 5466.00 | 57.60 | 68.30 | -10.70 | 19.87 | 3.52 | 34.21 | 0.00 | Peak | 100 | 5 | VERTICAL |
| 6 | 5547.00 | 105.98 | | | | 3.55 | 34.31 | 0.00 | Peak | 100 | 5 | VERTICAL |
| 7 | 5566.80 | 95.65 | | | | 3.55 | 34.31 | 0.00 | Average | 100 | 5 | VERTICAL |

Item 6, 7 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 | 4960.00 | 52.21 | 54.00 | -1.79 | 15.51 | 3.37 | 33.33 | 0.00 | Average | 100 | 1 | VERTICAL |
| 2 | 4991.00 | 59.66 | 74.00 | -14.34 | 22.87 | 3.39 | 33.40 | 0.00 | Peak | 100 | 1 | VERTICAL |
| 3 | 5652.00 | 94.44 | | | | 3.58 | 34.33 | 0.00 | Average | 100 | 1 | VERTICAL |
| 4 | 5652.40 | 104.24 | | | | 3.58 | 34.33 | 0.00 | Peak | 100 | 1 | VERTICAL |
| 5 | 5729.00 | 56.36 | 68.30 | -11.94 | 18.42 | 3.60 | 34.34 | 0.00 | Peak | 100 | 1 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5670 MHz.

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 54, 62 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (2TX) |

**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 | 4958.90 | 52.45 | 54.00 | -1.55 | 15.75 | 3.37 | 33.33 | 0.00 | Average | 103 | 4 | VERTICAL |
| 2 | 4992.80 | 62.77 | 74.00 | -11.23 | 25.98 | 3.39 | 33.40 | 0.00 | Peak | 103 | 4 | VERTICAL |
| 3 | 5265.80 | 113.74 | | | | 3.46 | 33.88 | 0.00 | Peak | 103 | 4 | VERTICAL |
| 4 | 5285.40 | 103.16 | | | | 3.47 | 33.91 | 0.00 | Average | 103 | 4 | VERTICAL |
| 5 | 5359.80 | 52.14 | 54.00 | -1.86 | 14.62 | 3.49 | 34.03 | 0.00 | Average | 103 | 4 | VERTICAL |
| 6 | 5359.80 | 64.78 | 74.00 | -9.22 | 27.26 | 3.49 | 34.03 | 0.00 | Peak | 103 | 4 | 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 | 4959.60 | 52.97 | 54.00 | -1.03 | 16.27 | 3.37 | 33.33 | 0.00 | Average | 100 | 3 | VERTICAL |
| 2 | 4991.40 | 61.27 | 74.00 | -12.73 | 24.48 | 3.39 | 33.40 | 0.00 | Peak | 100 | 3 | VERTICAL |
| 3 | 5321.20 | 110.60 | | | | 3.48 | 33.97 | 0.00 | Peak | 100 | 3 | VERTICAL |
| 4 | 5322.80 | 98.50 | | | | 3.49 | 33.97 | 0.00 | Average | 100 | 3 | VERTICAL |
| 5 | 5350.00 | 52.18 | 54.00 | -1.82 | 14.66 | 3.49 | 34.03 | 0.00 | Average | 100 | 3 | VERTICAL |
| 6 | 5351.20 | 66.25 | 74.00 | -7.75 | 28.73 | 3.49 | 34.03 | 0.00 | Peak | 100 | 3 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5310 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz<br>Ch 102, 110, 134<br>/ Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4<br>(Ant. 9 Yagi antenna / 8dBi) (2TX) |

**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 | 4957.60 | 51.73 | 54.00 | -2.27 | 15.03 | 3.37 | 33.33 | 0.00 | Average | 100 | 0 | VERTICAL |
| 2 | 4994.00 | 58.96 | 74.00 | -15.04 | 22.17 | 3.39 | 33.40 | 0.00 | Peak | 100 | 0 | VERTICAL |
| 3 | 5400.00 | 47.01 | 54.00 | -6.99 | 9.38 | 3.51 | 34.12 | 0.00 | Average | 100 | 0 | VERTICAL |
| 4 | 5400.00 | 56.87 | 74.00 | -17.13 | 19.24 | 3.51 | 34.12 | 0.00 | Peak | 100 | 0 | VERTICAL |
| 5 | 5470.00 | 58.54 | 68.30 | -9.76 | 20.78 | 3.52 | 34.24 | 0.00 | Peak | 100 | 0 | VERTICAL |
| 6 | 5516.40 | 103.66 | | | | 3.54 | 34.28 | 0.00 | Peak | 100 | 0 | VERTICAL |
| 7 | 5517.20 | 92.30 | | | | 3.54 | 34.28 | 0.00 | Average | 100 | 0 | VERTICAL |

Item 6, 7 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 | 4958.40 | 52.60 | 54.00 | -1.40 | 15.90 | 3.37 | 33.33 | 0.00 | Average | 100 | 359 | VERTICAL |
| 2 | 4992.60 | 60.07 | 74.00 | -13.93 | 23.28 | 3.39 | 33.40 | 0.00 | Peak | 100 | 359 | VERTICAL |
| 3 | 5398.80 | 48.32 | 54.00 | -5.68 | 10.72 | 3.51 | 34.09 | 0.00 | Average | 100 | 359 | VERTICAL |
| 4 | 5400.08 | 59.54 | 74.00 | -14.46 | 21.91 | 3.51 | 34.12 | 0.00 | Peak | 100 | 359 | VERTICAL |
| 5 | 5470.00 | 56.90 | 68.30 | -11.40 | 19.14 | 3.52 | 34.24 | 0.00 | Peak | 100 | 359 | VERTICAL |
| 6 | 5535.60 | 93.42 | | | | 3.55 | 34.31 | 0.00 | Average | 100 | 359 | VERTICAL |
| 7 | 5564.40 | 105.94 | | | | 3.55 | 34.31 | 0.00 | Peak | 100 | 359 | VERTICAL |

Item 6, 7 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 | 4959.00 | 52.70 | 54.00 | -1.30 | 16.00 | 3.37 | 33.33 | 0.00 | Average | 100 | 359 | VERTICAL |
| 2 | 4990.40 | 61.04 | 74.00 | -12.96 | 24.26 | 3.38 | 33.40 | 0.00 | Peak | 100 | 359 | VERTICAL |
| 3 | 5400.00 | 48.69 | 54.00 | -5.31 | 11.06 | 3.51 | 34.12 | 0.00 | Average | 100 | 359 | VERTICAL |
| 4 | 5400.50 | 59.33 | 74.00 | -14.67 | 21.70 | 3.51 | 34.12 | 0.00 | Peak | 100 | 359 | VERTICAL |
| 5 | 5652.00 | 92.00 | | | | 3.58 | 34.33 | 0.00 | Average | 100 | 359 | VERTICAL |
| 6 | 5652.60 | 104.03 | | | | 3.58 | 34.33 | 0.00 | Peak | 100 | 359 | VERTICAL |
| 7 | 5734.00 | 55.94 | 68.30 | -12.36 | 17.99 | 3.61 | 34.34 | 0.00 | Peak | 100 | 359 | VERTICAL |

Item 5, 6 are the fundamental frequency at 5670 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 54,62 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (3TX) |

**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 | 4991.35 | 60.92 | 74.00 | -13.08 | 24.13 | 3.39 | 33.40 | 0.00 | Peak | 100 | 352 | VERTICAL |
| 2 | 4999.36 | 52.11 | 54.00 | -1.89 | 15.32 | 3.39 | 33.40 | 0.00 | Average | 100 | 352 | VERTICAL |
| 3 | 5279.62 | 103.00 | | | | 3.47 | 33.88 | 0.00 | Average | 100 | 352 | VERTICAL |
| 4 | 5281.22 | 112.61 | | | | 3.47 | 33.91 | 0.00 | Peak | 100 | 352 | 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 | 4999.36 | 52.51 | 54.00 | -1.49 | 15.72 | 3.39 | 33.40 | 0.00 | Average | 100 | 353 | VERTICAL |
| 2 | 4999.36 | 58.33 | 74.00 | -15.67 | 21.54 | 3.39 | 33.40 | 0.00 | Peak | 100 | 353 | VERTICAL |
| 3 | 5326.03 | 101.79 | | | | 3.49 | 33.97 | 0.00 | Average | 100 | 353 | VERTICAL |
| 4 | 5326.03 | 110.79 | | | | 3.49 | 33.97 | 0.00 | Peak | 100 | 353 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5310 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz<br>Ch 102,110,134<br>/ Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4<br>(Ant. 9 Yagi antenna / 8dBi) (3TX) |

**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 | 4986.54 | 59.63 | 74.00 | -14.37 | 22.88 | 3.38 | 33.37 | 0.00 | Peak | 100 | 6 | VERTICAL |
| 2 | 4999.36 | 52.88 | 54.00 | -1.12 | 16.09 | 3.39 | 33.40 | 0.00 | Average | 100 | 6 | VERTICAL |
| 3 | 5522.82 | 95.72 | | | | 3.54 | 34.30 | 0.00 | Average | 100 | 6 | VERTICAL |
| 4 | 5522.82 | 104.56 | | | | 3.54 | 34.30 | 0.00 | Peak | 100 | 6 | VERTICAL |

Item 3, 4 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 | 4992.05 | 60.28 | 74.00 | -13.72 | 23.49 | 3.39 | 33.40 | 0.00 | Peak | 100 | 356 | VERTICAL |
| 2 | 4998.46 | 52.44 | 54.00 | -1.56 | 15.65 | 3.39 | 33.40 | 0.00 | Average | 100 | 356 | VERTICAL |
| 3 | 5562.82 | 96.17 | | | | 3.55 | 34.31 | 0.00 | Average | 100 | 356 | VERTICAL |
| 4 | 5562.82 | 105.70 | | | | 3.55 | 34.31 | 0.00 | Peak | 100 | 356 | VERTICAL |

Item 3, 4 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 | 5119.96 | 52.80 | 54.00 | -1.20 | 15.76 | 3.43 | 33.61 | 0.00 | Average | 106 | 357 | VERTICAL |
| 2 | 5120.23 | 60.53 | 74.00 | -13.47 | 23.49 | 3.43 | 33.61 | 0.00 | Peak | 106 | 357 | VERTICAL |
| 3 | 5653.20 | 92.84 | | | | 3.58 | 34.33 | 0.00 | Average | 106 | 357 | VERTICAL |
| 4 | 5653.20 | 102.21 | | | | 3.58 | 34.33 | 0.00 | Peak | 106 | 357 | VERTICAL |
| 5 | 5725.80 | 54.81 | 68.30 | -13.49 | 16.87 | 3.60 | 34.34 | 0.00 | Peak | 106 | 357 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5670 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 54,62 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (3TX) |

**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 | 5119.74 | 60.44 | 74.00 | -13.56 | 23.40 | 3.43 | 33.61 | 0.00 | Peak | 100 | 354 | VERTICAL |
| 2 | 5119.97 | 52.93 | 54.00 | -1.07 | 15.89 | 3.43 | 33.61 | 0.00 | Average | 100 | 354 | VERTICAL |
| 3 | 5284.40 | 107.70 | | | | 3.47 | 33.91 | 0.00 | Peak | 100 | 354 | VERTICAL |
| 4 | 5285.60 | 96.37 | | | | 3.47 | 33.91 | 0.00 | Average | 100 | 354 | VERTICAL |
| 5 | 5399.94 | 51.72 | 54.00 | -2.28 | 14.09 | 3.51 | 34.12 | 0.00 | Average | 100 | 354 | VERTICAL |
| 6 | 5400.03 | 61.68 | 74.00 | -12.32 | 24.05 | 3.51 | 34.12 | 0.00 | Peak | 100 | 354 | 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 | 4999.85 | 59.96 | 74.00 | -14.04 | 23.17 | 3.39 | 33.40 | 0.00 | Peak | 100 | 352 | VERTICAL |
| 2 | 4999.97 | 52.50 | 54.00 | -1.50 | 15.71 | 3.39 | 33.40 | 0.00 | Average | 100 | 352 | VERTICAL |
| 3 | 5119.94 | 60.27 | 74.00 | -13.73 | 23.23 | 3.43 | 33.61 | 0.00 | Peak | 100 | 352 | VERTICAL |
| 4 | 5119.99 | 52.45 | 54.00 | -1.55 | 15.41 | 3.43 | 33.61 | 0.00 | Average | 100 | 352 | VERTICAL |
| 5 | 5311.60 | 109.11 | | | | 3.48 | 33.94 | 0.00 | Peak | 100 | 352 | VERTICAL |
| 6 | 5325.60 | 98.57 | | | | 3.49 | 33.97 | 0.00 | Average | 100 | 352 | VERTICAL |
| 7 | 5399.96 | 52.59 | 54.00 | -1.41 | 14.96 | 3.51 | 34.12 | 0.00 | Average | 100 | 352 | VERTICAL |
| 8 | 5399.96 | 61.69 | 74.00 | -12.31 | 24.06 | 3.51 | 34.12 | 0.00 | Peak | 100 | 352 | VERTICAL |

Item 5, 6 are the fundamental frequency at 5310 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz<br>Ch 102, 110, 134<br>/ Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4<br>(Ant. 9 Yagi antenna / 8dBi) (3TX) |

**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 | 5119.90 | 52.53 | 54.00 | -1.47 | 15.49 | 3.43 | 33.61 | 0.00 | Average | 108 | 353 | VERTICAL |
| 2 | 5119.92 | 60.34 | 74.00 | -13.66 | 23.30 | 3.43 | 33.61 | 0.00 | Peak | 108 | 353 | VERTICAL |
| 3 | 5399.97 | 49.63 | 54.00 | -4.37 | 12.00 | 3.51 | 34.12 | 0.00 | Average | 108 | 353 | VERTICAL |
| 4 | 5400.02 | 59.62 | 74.00 | -14.38 | 21.99 | 3.51 | 34.12 | 0.00 | Peak | 108 | 353 | VERTICAL |
| 5 | 5469.20 | 56.44 | 68.30 | -11.86 | 18.68 | 3.52 | 34.24 | 0.00 | Average | 108 | 353 | VERTICAL |
| 6 | 5522.40 | 101.67 | | | | 3.54 | 34.30 | 0.00 | Peak | 108 | 353 | VERTICAL |
| 7 | 5522.80 | 90.34 | | | | 3.54 | 34.30 | 0.00 | Average | 108 | 353 | VERTICAL |

Item 6, 7 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 | 4999.80 | 59.77 | 74.00 | -14.23 | 22.98 | 3.39 | 33.40 | 0.00 | Peak | 100 | 354 | VERTICAL |
| 2 | 4999.98 | 52.59 | 54.00 | -1.41 | 15.80 | 3.39 | 33.40 | 0.00 | Average | 100 | 354 | VERTICAL |
| 3 | 5119.96 | 51.37 | 54.00 | -2.63 | 14.33 | 3.43 | 33.61 | 0.00 | Average | 100 | 354 | VERTICAL |
| 4 | 5119.97 | 60.25 | 74.00 | -13.75 | 23.21 | 3.43 | 33.61 | 0.00 | Peak | 100 | 354 | VERTICAL |
| 5 | 5399.97 | 51.37 | 54.00 | -2.63 | 13.74 | 3.51 | 34.12 | 0.00 | Average | 100 | 354 | VERTICAL |
| 6 | 5400.09 | 60.55 | 74.00 | -13.45 | 22.92 | 3.51 | 34.12 | 0.00 | Peak | 100 | 354 | VERTICAL |
| 7 | 5468.40 | 56.34 | 68.30 | -11.96 | 18.58 | 3.52 | 34.24 | 0.00 | Peak | 100 | 354 | VERTICAL |
| 8 | 5538.00 | 104.74 | | | | 3.55 | 34.31 | 0.00 | Peak | 100 | 354 | VERTICAL |

Item 8 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 | 5119.88 | 60.78 | 74.00 | -13.22 | 23.74 | 3.43 | 33.61 | 0.00 | Peak | 106 | 357 | VERTICAL |
| 2 | 5119.96 | 52.98 | 54.00 | -1.02 | 15.94 | 3.43 | 33.61 | 0.00 | Average | 106 | 357 | VERTICAL |
| 3 | 5661.20 | 91.08 | | | | 3.59 | 34.33 | 0.00 | Average | 106 | 357 | VERTICAL |
| 4 | 5662.00 | 102.44 | | | | 3.59 | 34.33 | 0.00 | Peak | 106 | 357 | VERTICAL |
| 5 | 5725.40 | 54.42 | 68.30 | -13.88 | 16.48 | 3.60 | 34.34 | 0.00 | Peak | 106 | 357 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5670 MHz.

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS16 40MHz Ch 54, 62 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (3TX) |

**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 | 4999.85 | 61.68 | 74.00 | -12.32 | 24.89 | 3.39 | 33.40 | 0.00 | Peak | 102 | 351 | VERTICAL |
| 2 | 4999.96 | 52.70 | 54.00 | -1.30 | 15.91 | 3.39 | 33.40 | 0.00 | Average | 102 | 351 | VERTICAL |
| 3 | 5285.22 | 111.31 | | | | 3.47 | 33.91 | 0.00 | Peak | 102 | 351 | VERTICAL |
| 4 | 5286.51 | 99.73 | | | | 3.47 | 33.91 | 0.00 | Average | 102 | 351 | VERTICAL |
| 5 | 5399.62 | 52.43 | 54.00 | -1.57 | 14.80 | 3.51 | 34.12 | 0.00 | Average | 102 | 351 | VERTICAL |
| 6 | 5399.62 | 60.68 | 74.00 | -13.32 | 23.05 | 3.51 | 34.12 | 0.00 | Peak | 102 | 351 | 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 | 5325.06 | 111.42 | | | | 3.49 | 33.97 | 0.00 | Peak | 100 | 349 | VERTICAL |
| 2 | 5326.67 | 99.04 | | | | 3.49 | 33.97 | 0.00 | Average | 100 | 349 | VERTICAL |
| 3 | 5350.00 | 52.54 | 54.00 | -1.46 | 15.02 | 3.49 | 34.03 | 0.00 | Average | 100 | 349 | VERTICAL |
| 4 | 5353.85 | 67.56 | 74.00 | -6.44 | 30.04 | 3.49 | 34.03 | 0.00 | Peak | 100 | 349 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS16 40MHz<br>Ch 102, 110, 134<br>/ Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4<br>(Ant. 9 Yagi antenna / 8dBi) (3TX) |

**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 | 4999.93 | 61.21 | 74.00 | -12.79 | 24.42 | 3.39 | 33.40 | 0.00 | Peak | 100 | 355 | VERTICAL |
| 2 | 5000.00 | 52.92 | 54.00 | -1.08 | 16.13 | 3.39 | 33.40 | 0.00 | Average | 100 | 355 | VERTICAL |
| 3 | 5078.85 | 52.48 | 54.00 | -1.52 | 15.52 | 3.41 | 33.55 | 0.00 | Average | 100 | 355 | VERTICAL |
| 4 | 5078.85 | 59.27 | 74.00 | -14.73 | 22.31 | 3.41 | 33.55 | 0.00 | Peak | 100 | 355 | VERTICAL |
| 5 | 5119.23 | 52.94 | 54.00 | -1.06 | 15.90 | 3.43 | 33.61 | 0.00 | Average | 100 | 355 | VERTICAL |
| 6 | 5119.23 | 59.57 | 74.00 | -14.43 | 22.53 | 3.43 | 33.61 | 0.00 | Peak | 100 | 355 | VERTICAL |
| 7 | 5467.92 | 59.01 | 68.30 | -9.29 | 21.25 | 3.52 | 34.24 | 0.00 | Peak | 100 | 355 | VERTICAL |
| 8 | 5521.54 | 104.54 | | | | 3.54 | 34.30 | 0.00 | Peak | 100 | 355 | VERTICAL |
| 9 | 5525.39 | 92.65 | | | | 3.54 | 34.30 | 0.00 | Average | 100 | 355 | VERTICAL |

Item 8, 9 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 | 4998.08 | 52.83 | 54.00 | -1.17 | 16.04 | 3.39 | 33.40 | 0.00 | Average | 100 | 353 | VERTICAL |
| 2 | 5000.00 | 60.27 | 74.00 | -13.73 | 23.48 | 3.39 | 33.40 | 0.00 | Peak | 100 | 353 | VERTICAL |
| 3 | 5119.89 | 60.57 | 74.00 | -13.43 | 23.53 | 3.43 | 33.61 | 0.00 | Peak | 100 | 353 | VERTICAL |
| 4 | 5119.98 | 52.87 | 54.00 | -1.13 | 15.83 | 3.43 | 33.61 | 0.00 | Average | 100 | 353 | VERTICAL |
| 5 | 5466.15 | 56.76 | 68.30 | -11.54 | 19.03 | 3.52 | 34.21 | 0.00 | Peak | 100 | 353 | VERTICAL |
| 6 | 5555.77 | 91.49 | | | | 3.55 | 34.31 | 0.00 | Average | 100 | 353 | VERTICAL |
| 7 | 5559.62 | 103.59 | | | | 3.55 | 34.31 | 0.00 | Peak | 100 | 353 | VERTICAL |

Item 6, 7 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 | 5119.23 | 59.55 | 74.00 | -14.45 | 22.51 | 3.43 | 33.61 | 0.00 | Peak | 107 | 358 | VERTICAL |
| 2 | 5119.87 | 52.76 | 54.00 | -1.24 | 15.72 | 3.43 | 33.61 | 0.00 | Average | 107 | 358 | VERTICAL |
| 3 | 5656.54 | 91.58 | | | | 3.59 | 34.33 | 0.00 | Average | 107 | 358 | VERTICAL |
| 4 | 5656.54 | 102.59 | | | | 3.59 | 34.33 | 0.00 | Peak | 107 | 358 | VERTICAL |
| 5 | 5730.77 | 57.32 | 68.30 | -10.98 | 19.37 | 3.61 | 34.34 | 0.00 | Peak | 107 | 358 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5670 MHz.

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 52,60,64 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (1TX) |

**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 | 5147.00 | 59.74 | 74.00 | -14.26 | 22.64 | 3.43 | 33.67 | 0.00 | Peak | 104 | 358 | VERTICAL |
| 2 | 5150.00 | 46.18 | 54.00 | -7.82 | 9.08 | 3.43 | 33.67 | 0.00 | Average | 104 | 358 | VERTICAL |
| 3 | 5253.40 | 112.84 | | | | 3.46 | 33.85 | 0.00 | Average | 104 | 358 | VERTICAL |
| 4 | 5254.00 | 123.96 | | | | 3.46 | 33.85 | 0.00 | Peak | 104 | 358 | VERTICAL |
| 5 | 5350.00 | 50.67 | 54.00 | -3.33 | 13.15 | 3.49 | 34.03 | 0.00 | Average | 104 | 358 | VERTICAL |
| 6 | 5350.00 | 63.40 | 74.00 | -10.60 | 25.88 | 3.49 | 34.03 | 0.00 | Peak | 104 | 358 | 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 | 5306.00 | 121.04 | | | | 3.48 | 33.94 | 0.00 | Peak | 104 | 360 | VERTICAL |
| 2 | 5306.80 | 110.65 | | | | 3.48 | 33.94 | 0.00 | Average | 104 | 360 | VERTICAL |
| 3 | 5350.00 | 52.71 | 54.00 | -1.29 | 15.19 | 3.49 | 34.03 | 0.00 | Average | 104 | 360 | VERTICAL |
| 4 | 5351.20 | 69.22 | 74.00 | -4.78 | 31.70 | 3.49 | 34.03 | 0.00 | Peak | 104 | 360 | 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 | 5324.80 | 117.30 | | | | 3.49 | 33.97 | 0.00 | Peak | 103 | 0 | VERTICAL |
| 2 | 5326.40 | 106.47 | | | | 3.49 | 33.97 | 0.00 | Average | 103 | 0 | VERTICAL |
| 3 | 5350.00 | 52.79 | 54.00 | -1.21 | 15.27 | 3.49 | 34.03 | 0.00 | Average | 103 | 0 | VERTICAL |
| 4 | 5350.00 | 69.39 | 74.00 | -4.61 | 31.87 | 3.49 | 34.03 | 0.00 | Peak | 103 | 0 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 100,140 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (1TX) |

**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 | 5459.00 | 60.23 | 74.00 | -13.77 | 22.50 | 3.52 | 34.21 | 0.00 | Peak | 101 | 358 | VERTICAL |
| 2 | 5460.00 | 46.01 | 54.00 | -7.99 | 8.28 | 3.52 | 34.21 | 0.00 | Average | 101 | 358 | VERTICAL |
| 3 | 5467.00 | 67.07 | 68.30 | -1.23 | 29.34 | 3.52 | 34.21 | 0.00 | Peak | 101 | 358 | VERTICAL |
| 4 | 5506.40 | 100.78 | | | | 3.54 | 34.28 | 0.00 | Average | 101 | 358 | VERTICAL |
| 5 | 5506.40 | 111.36 | | | | 3.54 | 34.28 | 0.00 | Peak | 101 | 358 | VERTICAL |

Item 4, 5 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 | 5696.40 | 112.31 | | | | 3.59 | 34.34 | 0.00 | Peak | 100 | 348 | VERTICAL |
| 2 | 5698.60 | 101.37 | | | | 3.59 | 34.34 | 0.00 | Average | 100 | 348 | VERTICAL |
| 3 | 5727.00 | 67.25 | 68.30 | -1.05 | 29.31 | 3.60 | 34.34 | 0.00 | Peak | 100 | 348 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 52,60,64 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (2TX) |

**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 | 5120.00 | 51.13 | 54.00 | -2.87 | 14.09 | 3.43 | 33.61 | 0.00 | Average | 102 | 4 | VERTICAL |
| 2 | 5120.00 | 59.73 | 74.00 | -14.27 | 22.69 | 3.43 | 33.61 | 0.00 | Peak | 102 | 4 | VERTICAL |
| 3 | 5256.00 | 107.26 | | | | 3.46 | 33.85 | 0.00 | Average | 102 | 4 | VERTICAL |
| 4 | 5256.00 | 117.51 | | | | 3.46 | 33.85 | 0.00 | Peak | 102 | 4 | VERTICAL |
| 5 | 5391.00 | 62.51 | 74.00 | -11.49 | 24.92 | 3.50 | 34.09 | 0.00 | Peak | 102 | 4 | VERTICAL |
| 6 | 5400.00 | 52.10 | 54.00 | -1.90 | 14.47 | 3.51 | 34.12 | 0.00 | Average | 102 | 4 | 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 | 4959.82 | 59.78 | 74.00 | -14.22 | 23.08 | 3.37 | 33.33 | 0.00 | Peak | 100 | 0 | VERTICAL |
| 2 | 4959.96 | 52.15 | 54.00 | -1.85 | 15.45 | 3.37 | 33.33 | 0.00 | Average | 100 | 0 | VERTICAL |
| 3 | 5307.00 | 97.20 | | | | 3.48 | 33.94 | 0.00 | Average | 100 | 0 | VERTICAL |
| 4 | 5307.20 | 107.37 | | | | 3.48 | 33.94 | 0.00 | Peak | 100 | 0 | VERTICAL |
| 5 | 5399.86 | 62.18 | 74.00 | -11.82 | 24.55 | 3.51 | 34.12 | 0.00 | Peak | 100 | 0 | VERTICAL |
| 6 | 5399.98 | 52.51 | 54.00 | -1.49 | 14.88 | 3.51 | 34.12 | 0.00 | Average | 100 | 0 | 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 | 4960.00 | 52.75 | 54.00 | -1.25 | 16.05 | 3.37 | 33.33 | 0.00 | Average | 103 | 1 | VERTICAL |
| 2 | 5000.20 | 59.96 | 74.00 | -14.04 | 23.17 | 3.39 | 33.40 | 0.00 | Peak | 103 | 1 | VERTICAL |
| 3 | 5324.80 | 98.34 | | | | 3.49 | 33.97 | 0.00 | Average | 103 | 1 | VERTICAL |
| 4 | 5325.60 | 107.77 | | | | 3.49 | 33.97 | 0.00 | Peak | 103 | 1 | VERTICAL |
| 5 | 5400.00 | 52.15 | 54.00 | -1.85 | 14.52 | 3.51 | 34.12 | 0.00 | Average | 103 | 1 | VERTICAL |
| 6 | 5400.40 | 61.13 | 74.00 | -12.87 | 23.50 | 3.51 | 34.12 | 0.00 | Peak | 103 | 1 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5320 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 100,140 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (2TX) |

**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 | 5399.91 | 61.51 | 74.00 | -12.49 | 23.88 | 3.51 | 34.12 | 0.00 | Peak | 100 | 0 | VERTICAL |
| 2 | 5399.97 | 52.74 | 54.00 | -1.26 | 15.11 | 3.51 | 34.12 | 0.00 | Average | 100 | 0 | VERTICAL |
| 3 | 5463.40 | 58.42 | 68.30 | -9.88 | 20.69 | 3.52 | 34.21 | 0.00 | Peak | 100 | 0 | VERTICAL |
| 4 | 5506.20 | 96.45 | | | | 3.54 | 34.28 | 0.00 | Average | 100 | 0 | VERTICAL |
| 5 | 5506.20 | 106.55 | | | | 3.54 | 34.28 | 0.00 | Peak | 100 | 0 | VERTICAL |

Item 4, 5 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 | 5119.10 | 51.32 | 54.00 | -2.68 | 14.28 | 3.43 | 33.61 | 0.00 | Average | 105 | 8 | VERTICAL |
| 2 | 5119.60 | 59.12 | 74.00 | -14.88 | 22.08 | 3.43 | 33.61 | 0.00 | Peak | 105 | 8 | VERTICAL |
| 3 | 5696.80 | 107.85 | | | | 3.59 | 34.34 | 0.00 | Peak | 105 | 8 | VERTICAL |
| 4 | 5697.60 | 97.55 | | | | 3.59 | 34.34 | 0.00 | Average | 105 | 8 | VERTICAL |
| 5 | 5725.00 | 57.21 | 68.30 | -11.09 | 19.27 | 3.60 | 34.34 | 0.00 | Peak | 105 | 8 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5700 MHz.

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 52,60,64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (3TX) |

**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 | 5120.02 | 52.94 | 54.00 | -1.06 | 15.90 | 3.43 | 33.61 | 0.00 | Average | 104 | 349 | VERTICAL |
| 2 | 5120.09 | 62.33 | 74.00 | -11.67 | 25.29 | 3.43 | 33.61 | 0.00 | Peak | 104 | 349 | VERTICAL |
| 3 | 5254.04 | 104.91 | | | | 3.46 | 33.85 | 0.00 | Average | 104 | 349 | VERTICAL |
| 4 | 5254.76 | 115.29 | | | | 3.46 | 33.85 | 0.00 | Peak | 104 | 349 | 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 | 5000.00 | 52.45 | 54.00 | -1.55 | 15.66 | 3.39 | 33.40 | 0.00 | Average | 102 | 347 | VERTICAL |
| 2 | 5000.32 | 57.85 | 74.00 | -16.15 | 21.06 | 3.39 | 33.40 | 0.00 | Peak | 102 | 347 | VERTICAL |
| 3 | 5300.00 | 103.79 | | | | 3.48 | 33.94 | 0.00 | Peak | 102 | 347 | VERTICAL |
| 4 | 5302.00 | 94.84 | | | | 3.48 | 33.94 | 0.00 | Average | 102 | 347 | 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 | 5000.00 | 52.99 | 54.00 | -1.01 | 16.20 | 3.39 | 33.40 | 0.00 | Average | 100 | 348 | VERTICAL |
| 2 | 5000.00 | 58.16 | 74.00 | -15.84 | 21.37 | 3.39 | 33.40 | 0.00 | Peak | 100 | 348 | VERTICAL |
| 3 | 5326.00 | 95.52 | | | | 3.49 | 33.97 | 0.00 | Average | 100 | 348 | VERTICAL |
| 4 | 5326.00 | 104.30 | | | | 3.49 | 33.97 | 0.00 | Peak | 100 | 348 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5320 MHz.

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 100,140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 4 (Ant. 9 Yagi antenna / 8dBi) (3TX) |

**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 | 4996.00 | 51.09 | 74.00 | -22.91 | 14.31 | 3.39 | 33.39 | 0.00 | Peak | 107 | 345 | HORIZONTAL |
| 2 | 5000.00 | 39.66 | 54.00 | -14.34 | 2.88 | 3.39 | 33.39 | 0.00 | Average | 107 | 345 | HORIZONTAL |
| 3 | 5470.00 | 51.37 | 68.30 | -16.93 | 13.64 | 3.52 | 34.21 | 0.00 | Peak | 100 | 360 | HORIZONTAL |
| 4 | 5492.00 | 88.76 | | | | 3.53 | 34.23 | 0.00 | Average | 107 | 345 | HORIZONTAL |
| 5 | 5492.00 | 97.17 | | | | 3.53 | 34.23 | 0.00 | Peak | 107 | 345 | HORIZONTAL |

Item 4, 5 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 | 5120.00 | 52.27 | 54.00 | -1.73 | 15.23 | 3.43 | 33.61 | 0.00 | Average | 104 | 348 | VERTICAL |
| 2 | 5120.20 | 57.90 | 74.00 | -16.10 | 20.86 | 3.43 | 33.61 | 0.00 | Peak | 104 | 348 | VERTICAL |
| 3 | 5696.00 | 94.28 | | | | 3.59 | 34.34 | 0.00 | Average | 104 | 348 | VERTICAL |
| 4 | 5696.00 | 104.16 | | | | 3.59 | 34.34 | 0.00 | Peak | 104 | 348 | VERTICAL |
| 5 | 5725.00 | 54.62 | 68.30 | -13.68 | 16.68 | 3.60 | 34.34 | 0.00 | Peak | 104 | 348 | VERTICAL |

Item 3, 4 are the fundamental frequency at 5700 MHz.

Note:

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

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 52,60,64 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (1TX) |

**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 | 5135.00 | 40.32 | 54.00 | -13.68 | 3.25 | 3.43 | 33.64 | 0.00 | Average | 102 | 299 | HORIZONTAL |
| 2 | 5150.00 | 52.17 | 74.00 | -21.83 | 15.07 | 3.43 | 33.67 | 0.00 | Peak | 102 | 299 | HORIZONTAL |
| 3 | 5254.60 | 98.81 | | | | 3.46 | 33.85 | 0.00 | Average | 102 | 299 | HORIZONTAL |
| 4 | 5257.00 | 109.39 | | | | 3.46 | 33.85 | 0.00 | Peak | 102 | 299 | HORIZONTAL |
| 5 | 5350.00 | 41.55 | 54.00 | -12.45 | 4.03 | 3.49 | 34.03 | 0.00 | Average | 102 | 299 | HORIZONTAL |
| 6 | 5350.00 | 53.17 | 74.00 | -20.83 | 15.65 | 3.49 | 34.03 | 0.00 | Peak | 102 | 299 | HORIZONTAL |

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 | 5295.20 | 98.89 | | | | 3.47 | 33.91 | 0.00 | Average | 100 | 233 | VERTICAL |
| 2 | 5296.80 | 109.35 | | | | 3.48 | 33.94 | 0.00 | Peak | 100 | 233 | VERTICAL |
| 3 | 5350.00 | 46.59 | 54.00 | -7.41 | 9.07 | 3.49 | 34.03 | 0.00 | Average | 100 | 233 | VERTICAL |
| 4 | 5351.20 | 69.11 | 74.00 | -4.89 | 31.59 | 3.49 | 34.03 | 0.00 | Peak | 100 | 233 | 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 | 5323.60 | 110.44 | | | | 3.49 | 33.97 | 0.00 | Peak | 147 | 270 | HORIZONTAL |
| 2 | 5323.80 | 99.62 | | | | 3.49 | 33.97 | 0.00 | Average | 147 | 270 | HORIZONTAL |
| 3 | 5350.00 | 52.53 | 54.00 | -1.47 | 15.01 | 3.49 | 34.03 | 0.00 | Average | 147 | 270 | HORIZONTAL |
| 4 | 5351.00 | 71.50 | 74.00 | -2.50 | 33.98 | 3.49 | 34.03 | 0.00 | Peak | 147 | 270 | HORIZONTAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 100,140 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (1TX) |

**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 | 5460.00 | 44.93 | 54.00 | -9.07 | 7.22 | 3.52 | 34.19 | 0.00 | Average | 121 | 279 | HORIZONTAL |
| 2 | 5460.00 | 61.49 | 74.00 | -12.51 | 23.78 | 3.52 | 34.19 | 0.00 | Peak | 121 | 279 | HORIZONTAL |
| 3 | 5469.80 | 66.76 | 68.30 | -1.54 | 29.03 | 3.52 | 34.21 | 0.00 | Peak | 121 | 279 | HORIZONTAL |
| 4 | 5493.40 | 110.15 | | | | 3.53 | 34.23 | 0.00 | Peak | 121 | 279 | HORIZONTAL |
| 5 | 5493.80 | 99.00 | | | | 3.53 | 34.23 | 0.00 | Average | 121 | 279 | HORIZONTAL |

Item 4, 5 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 | 5694.00 | 97.86 | | | | 3.59 | 34.34 | 0.00 | Average | 136 | 279 | HORIZONTAL |
| 2 | 5702.60 | 108.15 | | | | 3.59 | 34.34 | 0.00 | Peak | 136 | 279 | HORIZONTAL |
| 3 | 5725.00 | 67.24 | 68.30 | -1.06 | 29.30 | 3.60 | 34.34 | 0.00 | Peak | 136 | 279 | HORIZONTAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 52,60,64 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

**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 | 5119.71 | 44.92 | 54.00 | -9.08 | 7.88 | 3.43 | 33.61 | 0.00 | Average | 130 | 200 | VERTICAL |
| 2 | 5119.71 | 53.69 | 74.00 | -20.31 | 16.65 | 3.43 | 33.61 | 0.00 | Peak | 130 | 200 | VERTICAL |
| 3 | 5252.79 | 104.45 | | | | 3.46 | 33.85 | 0.00 | Average | 130 | 200 | VERTICAL |
| 4 | 5253.27 | 114.19 | | | | 3.46 | 33.85 | 0.00 | Peak | 130 | 200 | VERTICAL |
| 5 | 5350.00 | 40.82 | 54.00 | -13.18 | 3.30 | 3.49 | 34.03 | 0.00 | Average | 130 | 200 | VERTICAL |
| 6 | 5350.00 | 51.23 | 74.00 | -22.77 | 13.71 | 3.49 | 34.03 | 0.00 | Peak | 130 | 200 | 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 | 5292.63 | 115.10 | | | | 3.47 | 33.91 | 0.00 | Peak | 109 | 130 | VERTICAL |
| 2 | 5294.23 | 104.98 | | | | 3.47 | 33.91 | 0.00 | Average | 109 | 130 | VERTICAL |
| 3 | 5350.00 | 46.47 | 54.00 | -7.53 | 8.95 | 3.49 | 34.03 | 0.00 | Average | 109 | 130 | VERTICAL |
| 4 | 5351.28 | 61.02 | 74.00 | -12.98 | 23.50 | 3.49 | 34.03 | 0.00 | Peak | 109 | 130 | 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 | 5326.41 | 109.82 | | | | 3.49 | 33.97 | 0.00 | Peak | 102 | 175 | HORIZONTAL |
| 2 | 5327.05 | 98.62 | | | | 3.49 | 33.97 | 0.00 | Average | 102 | 175 | HORIZONTAL |
| 3 | 5350.00 | 52.23 | 54.00 | -1.77 | 14.71 | 3.49 | 34.03 | 0.00 | Average | 102 | 175 | HORIZONTAL |
| 4 | 5350.00 | 71.22 | 74.00 | -2.78 | 33.70 | 3.49 | 34.03 | 0.00 | Peak | 102 | 175 | HORIZONTAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 100,140 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

**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 | 5459.52 | 61.90 | 74.00 | -12.10 | 24.19 | 3.52 | 34.19 | 0.00 | Peak | 139 | 255 | HORIZONTAL |
| 2 | 5460.00 | 42.72 | 54.00 | -11.28 | 5.01 | 3.52 | 34.19 | 0.00 | Average | 139 | 255 | HORIZONTAL |
| 3 | 5469.36 | 66.51 | 68.30 | -1.79 | 28.78 | 3.52 | 34.21 | 0.00 | Peak | 139 | 255 | HORIZONTAL |
| 4 | 5506.25 | 108.89 | | | | 3.54 | 34.25 | 0.00 | Peak | 139 | 255 | HORIZONTAL |
| 5 | 5507.37 | 99.12 | | | | 3.54 | 34.25 | 0.00 | Average | 139 | 255 | HORIZONTAL |

Item 4, 5 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 | 5697.44 | 108.91 | | | | 3.59 | 34.34 | 0.00 | Peak | 139 | 253 | HORIZONTAL |
| 2 | 5697.76 | 98.71 | | | | 3.59 | 34.34 | 0.00 | Average | 139 | 253 | HORIZONTAL |
| 3 | 5725.00 | 66.70 | 68.30 | -1.60 | 28.76 | 3.60 | 34.34 | 0.00 | Peak | 139 | 253 | HORIZONTAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 52,60,64 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

**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 | 5266.09 | 101.19 | | | | 3.46 | 33.88 | 0.00 | Average | 118 | 344 | HORIZONTAL |
| 2 | 5266.09 | 112.68 | | | | 3.46 | 33.88 | 0.00 | Peak | 118 | 344 | HORIZONTAL |
| 3 | 5353.21 | 53.02 | 74.00 | -20.98 | 15.50 | 3.49 | 34.03 | 0.00 | Peak | 118 | 344 | HORIZONTAL |
| 4 | 5360.00 | 40.98 | 54.00 | -13.02 | 3.46 | 3.49 | 34.03 | 0.00 | Average | 118 | 344 | HORIZONTAL |

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 | 5294.23 | 114.86 | | | | 3.47 | 33.91 | 0.00 | Peak | 108 | 117 | VERTICAL |
| 2 | 5294.55 | 102.39 | | | | 3.47 | 33.91 | 0.00 | Average | 108 | 117 | VERTICAL |
| 3 | 5350.00 | 45.80 | 54.00 | -8.20 | 8.28 | 3.49 | 34.03 | 0.00 | Average | 108 | 117 | VERTICAL |
| 4 | 5350.00 | 57.79 | 74.00 | -16.21 | 20.27 | 3.49 | 34.03 | 0.00 | Peak | 108 | 117 | 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 | 5323.05 | 112.92 | | | | 3.49 | 33.97 | 0.00 | Peak | 106 | 117 | VERTICAL |
| 2 | 5327.69 | 100.23 | | | | 3.49 | 33.97 | 0.00 | Average | 106 | 117 | VERTICAL |
| 3 | 5350.00 | 52.96 | 54.00 | -1.04 | 15.44 | 3.49 | 34.03 | 0.00 | Average | 106 | 117 | VERTICAL |
| 4 | 5350.48 | 69.42 | 74.00 | -4.58 | 31.90 | 3.49 | 34.03 | 0.00 | Peak | 106 | 117 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 100,140 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

**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 | 5460.00 | 44.02 | 54.00 | -9.98 | 6.31 | 3.52 | 34.19 | 0.00 | Average | 100 | 256 | HORIZONTAL |
| 2 | 5460.00 | 62.78 | 74.00 | -11.22 | 25.07 | 3.52 | 34.19 | 0.00 | Peak | 100 | 256 | HORIZONTAL |
| 3 | 5469.84 | 66.46 | 68.30 | -1.84 | 28.73 | 3.52 | 34.21 | 0.00 | Peak | 100 | 256 | HORIZONTAL |
| 4 | 5497.44 | 109.58 | | | | 3.53 | 34.23 | 0.00 | Peak | 100 | 256 | HORIZONTAL |
| 5 | 5498.72 | 98.31 | | | | 3.53 | 34.23 | 0.00 | Average | 100 | 256 | HORIZONTAL |

Item 4, 5 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 | 5692.15 | 97.89 | | | | 3.59 | 34.34 | 0.00 | Average | 138 | 251 | HORIZONTAL |
| 2 | 5698.72 | 109.95 | | | | 3.59 | 34.34 | 0.00 | Peak | 138 | 251 | HORIZONTAL |
| 3 | 5725.00 | 66.44 | 68.30 | -1.86 | 28.50 | 3.60 | 34.34 | 0.00 | Peak | 138 | 251 | HORIZONTAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 52,60,64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

**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 | 5119.40 | 41.37 | 54.00 | -12.63 | 4.33 | 3.43 | 33.61 | 0.00 | Average | 100 | 175 | HORIZONTAL |
| 2 | 5133.20 | 54.15 | 74.00 | -19.85 | 17.08 | 3.43 | 33.64 | 0.00 | Peak | 100 | 175 | HORIZONTAL |
| 3 | 5252.80 | 102.31 | | | | 3.46 | 33.85 | 0.00 | Average | 100 | 175 | HORIZONTAL |
| 4 | 5253.40 | 112.04 | | | | 3.46 | 33.85 | 0.00 | Peak | 100 | 175 | HORIZONTAL |
| 5 | 5352.40 | 55.48 | 74.00 | -18.52 | 17.96 | 3.49 | 34.03 | 0.00 | Peak | 100 | 175 | HORIZONTAL |
| 6 | 5356.00 | 42.81 | 54.00 | -11.19 | 5.29 | 3.49 | 34.03 | 0.00 | Average | 100 | 175 | HORIZONTAL |

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 | 5294.80 | 104.40 | | | | 3.47 | 33.91 | 0.00 | Average | 120 | 257 | HORIZONTAL |
| 2 | 5296.00 | 115.62 | | | | 3.47 | 33.91 | 0.00 | Peak | 120 | 257 | HORIZONTAL |
| 3 | 5350.00 | 47.64 | 54.00 | -6.36 | 10.12 | 3.49 | 34.03 | 0.00 | Average | 120 | 257 | HORIZONTAL |
| 4 | 5351.20 | 62.48 | 74.00 | -11.52 | 24.96 | 3.49 | 34.03 | 0.00 | Peak | 120 | 257 | HORIZONTAL |

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 | 5313.80 | 102.59 | | | | 3.48 | 33.97 | 0.00 | Average | 121 | 256 | HORIZONTAL |
| 2 | 5314.40 | 112.74 | | | | 3.48 | 33.97 | 0.00 | Peak | 121 | 256 | HORIZONTAL |
| 3 | 5350.00 | 52.75 | 54.00 | -1.25 | 15.23 | 3.49 | 34.03 | 0.00 | Average | 121 | 256 | HORIZONTAL |
| 4 | 5351.60 | 70.62 | 74.00 | -3.38 | 33.10 | 3.49 | 34.03 | 0.00 | Peak | 121 | 256 | HORIZONTAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 20MHz Ch 100,140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

**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 | 5456.60 | 59.69 | 74.00 | -14.31 | 21.96 | 3.52 | 34.21 | 0.00 | Peak | 103 | 130 | VERTICAL |
| 2 | 5460.00 | 44.50 | 54.00 | -9.50 | 6.77 | 3.52 | 34.21 | 0.00 | Average | 103 | 130 | VERTICAL |
| 3 | 5469.00 | 67.22 | 68.30 | -1.08 | 29.46 | 3.52 | 34.24 | 0.00 | Peak | 103 | 130 | VERTICAL |
| 4 | 5491.80 | 99.92 | | | | 3.53 | 34.26 | 0.00 | Average | 103 | 130 | VERTICAL |
| 5 | 5492.60 | 109.92 | | | | 3.53 | 34.26 | 0.00 | Peak | 103 | 130 | VERTICAL |

Item 4, 5 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 | 5704.40 | 96.48 | | | | 3.59 | 34.34 | 0.00 | Average | 100 | 273 | HORIZONTAL |
| 2 | 5704.40 | 107.09 | | | | 3.59 | 34.34 | 0.00 | Peak | 100 | 273 | HORIZONTAL |
| 3 | 5725.40 | 66.98 | 68.30 | -1.32 | 29.04 | 3.60 | 34.34 | 0.00 | Peak | 100 | 273 | HORIZONTAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 52,60,64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

**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 | 5253.60 | 115.90 | | | | 3.46 | 33.85 | 0.00 | Peak | 175 | 304 | HORIZONTAL |
| 2 | 5254.00 | 104.48 | | | | 3.46 | 33.85 | 0.00 | Average | 175 | 304 | HORIZONTAL |
| 3 | 5354.40 | 42.36 | 54.00 | -11.64 | 4.84 | 3.49 | 34.03 | 0.00 | Average | 175 | 304 | HORIZONTAL |
| 4 | 5356.80 | 55.29 | 74.00 | -18.71 | 17.77 | 3.49 | 34.03 | 0.00 | Peak | 175 | 304 | HORIZONTAL |

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 | 5302.80 | 103.12 | | | | 3.48 | 33.94 | 0.00 | Average | 148 | 270 | HORIZONTAL |
| 2 | 5303.20 | 114.30 | | | | 3.48 | 33.94 | 0.00 | Peak | 148 | 270 | HORIZONTAL |
| 3 | 5350.00 | 46.88 | 54.00 | -7.12 | 9.36 | 3.49 | 34.03 | 0.00 | Average | 148 | 270 | HORIZONTAL |
| 4 | 5350.40 | 60.69 | 74.00 | -13.31 | 23.17 | 3.49 | 34.03 | 0.00 | Peak | 148 | 270 | HORIZONTAL |

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 | 5327.80 | 113.91 | | | | 3.49 | 33.97 | 0.00 | Peak | 197 | 134 | VERTICAL |
| 2 | 5328.00 | 102.01 | | | | 3.49 | 33.97 | 0.00 | Average | 197 | 134 | VERTICAL |
| 3 | 5350.00 | 52.85 | 54.00 | -1.15 | 15.33 | 3.49 | 34.03 | 0.00 | Average | 197 | 134 | VERTICAL |
| 4 | 5350.20 | 67.94 | 74.00 | -6.06 | 30.42 | 3.49 | 34.03 | 0.00 | Peak | 197 | 134 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 20MHz Ch 100,140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

**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 | 5459.40 | 57.54 | 74.00 | -16.46 | 19.81 | 3.52 | 34.21 | 0.00 | Peak | 203 | 137 | VERTICAL |
| 2 | 5460.00 | 42.63 | 54.00 | -11.37 | 4.90 | 3.52 | 34.21 | 0.00 | Average | 203 | 137 | VERTICAL |
| 3 | 5469.80 | 66.69 | 68.30 | -1.61 | 28.93 | 3.52 | 34.24 | 0.00 | Peak | 203 | 137 | VERTICAL |
| 4 | 5492.20 | 97.91 | | | | 3.53 | 34.26 | 0.00 | Average | 203 | 137 | VERTICAL |
| 5 | 5495.60 | 109.90 | | | | 3.53 | 34.26 | 0.00 | Peak | 203 | 137 | VERTICAL |

Item 4, 5 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 | 5704.00 | 111.29 | | | | 3.59 | 34.34 | 0.00 | Peak | 137 | 270 | HORIZONTAL |
| 2 | 5704.60 | 99.39 | | | | 3.59 | 34.34 | 0.00 | Average | 137 | 270 | HORIZONTAL |
| 3 | 5725.20 | 66.64 | 68.30 | -1.66 | 28.70 | 3.60 | 34.34 | 0.00 | Peak | 137 | 270 | HORIZONTAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 54,62 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (1TX) |

**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 | 5256.54 | 98.47 | | | | 3.46 | 33.85 | 0.00 | Average | 148 | 276 | HORIZONTAL |
| 2 | 5259.42 | 108.67 | | | | 3.46 | 33.85 | 0.00 | Peak | 148 | 276 | HORIZONTAL |
| 3 | 5350.00 | 52.87 | 54.00 | -1.13 | 15.35 | 3.49 | 34.03 | 0.00 | Average | 148 | 276 | HORIZONTAL |
| 4 | 5350.00 | 70.37 | 74.00 | -3.63 | 32.85 | 3.49 | 34.03 | 0.00 | Peak | 148 | 276 | HORIZONTAL |

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 | 5325.39 | 104.19 | | | | 3.49 | 33.97 | 0.00 | Peak | 145 | 275 | HORIZONTAL |
| 2 | 5326.03 | 93.35 | | | | 3.49 | 33.97 | 0.00 | Average | 145 | 275 | HORIZONTAL |
| 3 | 5350.00 | 52.21 | 54.00 | -1.79 | 14.69 | 3.49 | 34.03 | 0.00 | Average | 145 | 275 | HORIZONTAL |
| 4 | 5350.64 | 70.78 | 74.00 | -3.22 | 33.26 | 3.49 | 34.03 | 0.00 | Peak | 145 | 275 | HORIZONTAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz<br>Ch 102,110,134<br>/ Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5<br>(Ant. 5 Facade antenna / 2.5dBi) (1TX) |

**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 | 5459.68 | 62.64 | 74.00 | -11.36 | 24.91 | 3.52 | 34.21 | 0.00 | Peak | 102 | 144 | VERTICAL |
| 2 | 5460.00 | 47.60 | 54.00 | -6.40 | 9.87 | 3.52 | 34.21 | 0.00 | Average | 102 | 144 | VERTICAL |
| 3 | 5469.68 | 67.03 | 68.30 | -1.27 | 29.27 | 3.52 | 34.24 | 0.00 | Peak | 102 | 144 | VERTICAL |
| 4 | 5502.31 | 103.60 | | | | 3.54 | 34.28 | 0.00 | Peak | 102 | 144 | VERTICAL |
| 5 | 5505.83 | 92.81 | | | | 3.54 | 34.28 | 0.00 | Average | 102 | 144 | VERTICAL |

Item 4, 5 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 | 5460.00 | 49.31 | 54.00 | -4.69 | 11.60 | 3.52 | 34.19 | 0.00 | Average | 125 | 278 | HORIZONTAL |
| 2 | 5460.00 | 63.32 | 74.00 | -10.68 | 25.61 | 3.52 | 34.19 | 0.00 | Peak | 125 | 278 | HORIZONTAL |
| 3 | 5468.08 | 67.10 | 68.30 | -1.20 | 29.37 | 3.52 | 34.21 | 0.00 | Peak | 125 | 278 | HORIZONTAL |
| 4 | 5543.27 | 99.70 | | | | 3.55 | 34.29 | 0.00 | Average | 125 | 278 | HORIZONTAL |
| 5 | 5545.19 | 110.99 | | | | 3.55 | 34.29 | 0.00 | Peak | 125 | 278 | HORIZONTAL |

Item 4, 5 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 | 5654.30 | 107.47 | | | | 3.59 | 34.33 | 0.00 | Peak | 123 | 275 | HORIZONTAL |
| 2 | 5657.50 | 96.84 | | | | 3.59 | 34.33 | 0.00 | Average | 123 | 275 | HORIZONTAL |
| 3 | 5725.00 | 66.78 | 68.30 | -1.52 | 28.84 | 3.60 | 34.34 | 0.00 | Peak | 123 | 275 | HORIZONTAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 54,62 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

**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 | 5287.31 | 107.32 | | | | 3.47 | 33.91 | 0.00 | Peak | 125 | 183 | VERTICAL |
| 2 | 5287.63 | 97.84 | | | | 3.47 | 33.91 | 0.00 | Average | 125 | 183 | VERTICAL |
| 3 | 5350.00 | 50.46 | 54.00 | -3.54 | 12.94 | 3.49 | 34.03 | 0.00 | Average | 125 | 183 | VERTICAL |
| 4 | 5350.32 | 67.36 | 74.00 | -6.64 | 29.84 | 3.49 | 34.03 | 0.00 | Peak | 125 | 183 | 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 | 5325.71 | 91.52 | | | | 3.49 | 33.97 | 0.00 | Average | 100 | 217 | HORIZONTAL |
| 2 | 5326.35 | 101.84 | | | | 3.49 | 33.97 | 0.00 | Peak | 100 | 217 | HORIZONTAL |
| 3 | 5350.00 | 52.50 | 54.00 | -1.50 | 14.98 | 3.49 | 34.03 | 0.00 | Average | 100 | 217 | HORIZONTAL |
| 4 | 5354.49 | 69.44 | 74.00 | -4.56 | 31.92 | 3.49 | 34.03 | 0.00 | Peak | 100 | 217 | HORIZONTAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz<br>Ch 102,110,134<br>/ Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5<br>(Ant. 5 Facade antenna / 2.5dBi) (2TX) |

**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 | 5459.20 | 65.74 | 74.00 | -8.26 | 28.01 | 3.52 | 34.21 | 0.00 | Peak | 103 | 110 | VERTICAL |
| 2 | 5460.00 | 49.38 | 54.00 | -4.62 | 11.65 | 3.52 | 34.21 | 0.00 | Average | 103 | 110 | VERTICAL |
| 3 | 5465.60 | 67.21 | 68.30 | -1.09 | 29.48 | 3.52 | 34.21 | 0.00 | Peak | 103 | 110 | VERTICAL |
| 4 | 5499.60 | 95.89 | | | | 3.53 | 34.26 | 0.00 | Average | 103 | 110 | VERTICAL |
| 5 | 5519.20 | 106.35 | | | | 3.54 | 34.30 | 0.00 | Peak | 103 | 110 | VERTICAL |

Item 4, 5 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 | 5454.00 | 48.38 | 54.00 | -5.62 | 10.65 | 3.52 | 34.21 | 0.00 | Average | 102 | 109 | VERTICAL |
| 2 | 5454.00 | 64.57 | 74.00 | -9.43 | 26.84 | 3.52 | 34.21 | 0.00 | Peak | 102 | 109 | VERTICAL |
| 3 | 5469.60 | 66.72 | 68.30 | -1.58 | 28.96 | 3.52 | 34.24 | 0.00 | Peak | 102 | 109 | VERTICAL |
| 4 | 5548.40 | 102.52 | | | | 3.55 | 34.31 | 0.00 | Average | 102 | 109 | VERTICAL |
| 5 | 5567.20 | 112.51 | | | | 3.55 | 34.31 | 0.00 | Peak | 102 | 109 | VERTICAL |

Item 4, 5 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 | 5667.20 | 109.29 | | | | 3.59 | 34.33 | 0.00 | Peak | 100 | 109 | VERTICAL |
| 2 | 5668.40 | 98.22 | | | | 3.59 | 34.33 | 0.00 | Average | 100 | 109 | VERTICAL |
| 3 | 5726.20 | 66.58 | 68.30 | -1.72 | 28.64 | 3.60 | 34.34 | 0.00 | Peak | 100 | 109 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 54, 62 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

**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 | 5284.80 | 114.69 | | | | 3.47 | 33.91 | 0.00 | Peak | 108 | 144 | VERTICAL |
| 2 | 5285.20 | 101.84 | | | | 3.47 | 33.91 | 0.00 | Average | 108 | 144 | VERTICAL |
| 3 | 5350.00 | 52.20 | 54.00 | -1.80 | 14.68 | 3.49 | 34.03 | 0.00 | Average | 108 | 144 | VERTICAL |
| 4 | 5350.80 | 69.40 | 74.00 | -4.60 | 31.88 | 3.49 | 34.03 | 0.00 | Peak | 108 | 144 | 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 | 5313.60 | 105.58 | | | | 3.48 | 33.94 | 0.00 | Peak | 122 | 274 | HORIZONTAL |
| 2 | 5325.60 | 94.49 | | | | 3.49 | 33.97 | 0.00 | Average | 122 | 274 | HORIZONTAL |
| 3 | 5350.00 | 52.37 | 54.00 | -1.63 | 14.85 | 3.49 | 34.03 | 0.00 | Average | 122 | 274 | HORIZONTAL |
| 4 | 5351.20 | 72.87 | 74.00 | -1.13 | 35.35 | 3.49 | 34.03 | 0.00 | Peak | 122 | 274 | HORIZONTAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz<br>Ch 102, 110, 134<br>/ Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5<br>(Ant. 5 Facade antenna / 2.5dBi) (2TX) |

**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 | 5457.20 | 60.69 | 74.00 | -13.31 | 22.98 | 3.52 | 34.19 | 0.00 | Peak | 100 | 280 | HORIZONTAL |
| 2 | 5460.00 | 47.11 | 54.00 | -6.89 | 9.40 | 3.52 | 34.19 | 0.00 | Average | 100 | 280 | HORIZONTAL |
| 3 | 5468.80 | 66.67 | 68.30 | -1.63 | 28.94 | 3.52 | 34.21 | 0.00 | Peak | 100 | 280 | HORIZONTAL |
| 4 | 5493.60 | 92.77 | | | | 3.53 | 34.23 | 0.00 | Average | 100 | 280 | HORIZONTAL |
| 5 | 5496.80 | 104.86 | | | | 3.53 | 34.23 | 0.00 | Peak | 100 | 280 | HORIZONTAL |

Item 4, 5 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 | 5456.40 | 65.10 | 74.00 | -8.90 | 27.37 | 3.52 | 34.21 | 0.00 | Peak | 102 | 106 | VERTICAL |
| 2 | 5460.00 | 50.51 | 54.00 | -3.49 | 12.78 | 3.52 | 34.21 | 0.00 | Average | 102 | 106 | VERTICAL |
| 3 | 5469.60 | 67.19 | 68.30 | -1.11 | 29.43 | 3.52 | 34.24 | 0.00 | Peak | 102 | 106 | VERTICAL |
| 4 | 5562.00 | 112.96 | | | | 3.55 | 34.31 | 0.00 | Peak | 102 | 106 | VERTICAL |
| 5 | 5563.60 | 100.66 | | | | 3.55 | 34.31 | 0.00 | Average | 102 | 106 | VERTICAL |

Item 4, 5 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 | 5655.60 | 109.72 | | | | 3.59 | 34.33 | 0.00 | Peak | 100 | 107 | VERTICAL |
| 2 | 5657.20 | 97.09 | | | | 3.59 | 34.33 | 0.00 | Average | 100 | 107 | VERTICAL |
| 3 | 5725.00 | 66.50 | 68.30 | -1.80 | 28.56 | 3.60 | 34.34 | 0.00 | Peak | 100 | 107 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz Ch 54,62 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

**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 | 5282.40 | 103.02 | | | | 3.47 | 33.91 | 0.00 | Average | 202 | 137 | VERTICAL |
| 2 | 5284.40 | 113.24 | | | | 3.47 | 33.91 | 0.00 | Peak | 202 | 137 | VERTICAL |
| 3 | 5350.80 | 69.50 | 74.00 | -4.50 | 31.98 | 3.49 | 34.03 | 0.00 | Peak | 202 | 137 | VERTICAL |
| 4 | 5351.60 | 51.41 | 54.00 | -2.59 | 13.89 | 3.49 | 34.03 | 0.00 | Average | 202 | 137 | 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 | 5324.80 | 96.68 | | | | 3.49 | 33.97 | 0.00 | Average | 198 | 134 | VERTICAL |
| 2 | 5325.20 | 107.27 | | | | 3.49 | 33.97 | 0.00 | Peak | 198 | 134 | VERTICAL |
| 3 | 5352.00 | 52.14 | 54.00 | -1.86 | 14.62 | 3.49 | 34.03 | 0.00 | Average | 198 | 134 | VERTICAL |
| 4 | 5352.40 | 71.40 | 74.00 | -2.60 | 33.88 | 3.49 | 34.03 | 0.00 | Peak | 198 | 134 | VERTICAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS0 40MHz<br>Ch 102,110,134<br>/ Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5<br>(Ant. 5 Facade antenna / 2.5dBi) (3TX) |

**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 | 5460.00 | 44.35 | 54.00 | -9.65 | 6.62 | 3.52 | 34.21 | 0.00 | Average | 191 | 129 | VERTICAL |
| 2 | 5460.00 | 60.03 | 74.00 | -13.97 | 22.30 | 3.52 | 34.21 | 0.00 | Peak | 191 | 129 | VERTICAL |
| 3 | 5469.20 | 66.77 | 68.30 | -1.53 | 29.01 | 3.52 | 34.24 | 0.00 | Peak | 191 | 129 | VERTICAL |
| 4 | 5506.40 | 104.50 | | | | 3.54 | 34.28 | 0.00 | Peak | 191 | 129 | VERTICAL |
| 5 | 5507.60 | 94.32 | | | | 3.54 | 34.28 | 0.00 | Average | 191 | 129 | VERTICAL |

Item 4, 5 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 | 5460.00 | 46.58 | 54.00 | -7.42 | 8.85 | 3.52 | 34.21 | 0.00 | Average | 101 | 194 | VERTICAL |
| 2 | 5460.00 | 59.35 | 74.00 | -14.65 | 21.62 | 3.52 | 34.21 | 0.00 | Peak | 101 | 194 | VERTICAL |
| 3 | 5470.00 | 66.90 | 68.30 | -1.40 | 29.14 | 3.52 | 34.24 | 0.00 | Peak | 101 | 194 | VERTICAL |
| 4 | 5561.60 | 101.92 | | | | 3.55 | 34.31 | 0.00 | Average | 101 | 194 | VERTICAL |
| 5 | 5562.00 | 111.67 | | | | 3.55 | 34.31 | 0.00 | Peak | 101 | 194 | VERTICAL |

Item 4, 5 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 | 5683.20 | 99.75 | | | | 3.59 | 34.33 | 0.00 | Average | 100 | 334 | VERTICAL |
| 2 | 5683.20 | 109.40 | | | | 3.59 | 34.33 | 0.00 | Peak | 100 | 334 | VERTICAL |
| 3 | 5725.00 | 66.39 | 68.30 | -1.91 | 28.45 | 3.60 | 34.34 | 0.00 | Peak | 100 | 334 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz Ch 54,62 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

**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 | 5259.87 | 105.47 | | | | 3.46 | 33.85 | 0.00 | Average | 138 | 68 | HORIZONTAL |
| 2 | 5281.00 | 115.68 | | | | 3.47 | 33.91 | 0.00 | Peak | 138 | 68 | HORIZONTAL |
| 3 | 5350.00 | 52.99 | 54.00 | -1.01 | 15.47 | 3.49 | 34.03 | 0.00 | Average | 138 | 68 | HORIZONTAL |
| 4 | 5350.00 | 69.00 | 74.00 | -5.00 | 31.48 | 3.49 | 34.03 | 0.00 | Peak | 138 | 68 | HORIZONTAL |

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 | 5321.58 | 102.81 | | | | 3.48 | 33.97 | 0.00 | Peak | 101 | 263 | VERTICAL |
| 2 | 5323.60 | 97.10 | | | | 3.49 | 33.97 | 0.00 | Average | 101 | 263 | VERTICAL |
| 3 | 5350.00 | 52.98 | 54.00 | -1.02 | 15.46 | 3.49 | 34.03 | 0.00 | Average | 101 | 263 | VERTICAL |
| 4 | 5350.58 | 69.05 | 74.00 | -4.95 | 31.53 | 3.49 | 34.03 | 0.00 | Peak | 101 | 263 | VERTICAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11n MCS8 40MHz<br>Ch 102, 110, 134<br>/ Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5<br>(Ant. 5 Facade antenna / 2.5dBi) (3TX) |

**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 | 5460.00 | 45.86 | 54.00 | -8.14 | 8.13 | 3.52 | 34.21 | 0.00 | Average | 100 | 34 | VERTICAL |
| 2 | 5460.00 | 61.99 | 74.00 | -12.01 | 24.26 | 3.52 | 34.21 | 0.00 | Peak | 100 | 34 | VERTICAL |
| 3 | 5468.84 | 67.12 | 68.30 | -1.18 | 29.36 | 3.52 | 34.24 | 0.00 | Peak | 100 | 34 | VERTICAL |
| 4 | 5500.45 | 106.29 | | | | 3.53 | 34.26 | 0.00 | Peak | 100 | 34 | VERTICAL |
| 5 | 5501.03 | 94.80 | | | | 3.54 | 34.26 | 0.00 | Average | 100 | 34 | VERTICAL |

Item 4, 5 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 | 5457.40 | 63.85 | 74.00 | -10.15 | 26.12 | 3.52 | 34.21 | 0.00 | Peak | 101 | 21 | VERTICAL |
| 2 | 5460.00 | 47.93 | 54.00 | -6.07 | 10.20 | 3.52 | 34.21 | 0.00 | Average | 101 | 21 | VERTICAL |
| 3 | 5469.13 | 64.87 | 68.30 | -3.43 | 27.11 | 3.52 | 34.24 | 0.00 | Peak | 101 | 21 | VERTICAL |
| 4 | 5538.71 | 115.36 | | | | 3.55 | 34.31 | 0.00 | Peak | 101 | 21 | VERTICAL |
| 5 | 5540.74 | 102.85 | | | | 3.55 | 34.31 | 0.00 | Average | 101 | 21 | VERTICAL |

Item 4, 5 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 | 5659.58 | 98.99 | | | | 3.59 | 34.33 | 0.00 | Average | 110 | 25 | VERTICAL |
| 2 | 5659.58 | 110.64 | | | | 3.59 | 34.33 | 0.00 | Peak | 110 | 25 | VERTICAL |
| 3 | 5726.45 | 66.37 | 68.30 | -1.93 | 28.43 | 3.60 | 34.34 | 0.00 | Peak | 110 | 25 | VERTICAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 52,60,64 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (1TX) |

**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 | 5150.00 | 40.04 | 54.00 | -13.96 | 2.94 | 3.43 | 33.67 | 0.00 | Average | 100 | 308 | HORIZONTAL |
| 2 | 5150.00 | 51.07 | 74.00 | -22.93 | 13.97 | 3.43 | 33.67 | 0.00 | Peak | 100 | 308 | HORIZONTAL |
| 3 | 5254.00 | 110.11 | | | | 3.46 | 33.85 | 0.00 | Peak | 100 | 308 | HORIZONTAL |
| 4 | 5254.60 | 99.49 | | | | 3.46 | 33.85 | 0.00 | Average | 100 | 308 | HORIZONTAL |
| 5 | 5350.00 | 54.09 | 74.00 | -19.91 | 16.57 | 3.49 | 34.03 | 0.00 | Peak | 100 | 308 | HORIZONTAL |
| 6 | 5353.60 | 42.24 | 54.00 | -11.76 | 4.72 | 3.49 | 34.03 | 0.00 | Average | 100 | 308 | HORIZONTAL |

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 | 5304.80 | 110.13 | | | | 3.48 | 33.94 | 0.00 | Peak | 100 | 308 | HORIZONTAL |
| 2 | 5307.20 | 99.75 | | | | 3.48 | 33.94 | 0.00 | Average | 100 | 308 | HORIZONTAL |
| 3 | 5350.00 | 46.04 | 54.00 | -7.96 | 8.52 | 3.49 | 34.03 | 0.00 | Average | 100 | 308 | HORIZONTAL |
| 4 | 5350.40 | 65.51 | 74.00 | -8.49 | 27.99 | 3.49 | 34.03 | 0.00 | Peak | 100 | 308 | HORIZONTAL |

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 | 5324.80 | 110.03 | | | | 3.49 | 33.97 | 0.00 | Peak | 140 | 276 | HORIZONTAL |
| 2 | 5326.40 | 99.16 | | | | 3.49 | 33.97 | 0.00 | Average | 140 | 276 | HORIZONTAL |
| 3 | 5350.00 | 52.63 | 54.00 | -1.37 | 15.11 | 3.49 | 34.03 | 0.00 | Average | 140 | 276 | HORIZONTAL |
| 4 | 5352.00 | 72.56 | 74.00 | -1.44 | 35.04 | 3.49 | 34.03 | 0.00 | Peak | 140 | 276 | HORIZONTAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 100,140 / Chain 1 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (1TX) |

**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 | 5459.60 | 63.46 | 74.00 | -10.54 | 25.75 | 3.52 | 34.19 | 0.00 | Peak | 100 | 283 | HORIZONTAL |
| 2 | 5460.00 | 45.68 | 54.00 | -8.32 | 7.97 | 3.52 | 34.19 | 0.00 | Average | 100 | 283 | HORIZONTAL |
| 3 | 5469.60 | 67.19 | 68.30 | -1.11 | 29.46 | 3.52 | 34.21 | 0.00 | Peak | 100 | 283 | HORIZONTAL |
| 4 | 5493.60 | 99.71 | | | | 3.53 | 34.23 | 0.00 | Average | 100 | 283 | HORIZONTAL |
| 5 | 5505.20 | 110.64 | | | | 3.54 | 34.25 | 0.00 | Peak | 100 | 283 | HORIZONTAL |

Item 4, 5 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 | 5692.60 | 98.80 | | | | 3.59 | 34.34 | 0.00 | Average | 100 | 149 | VERTICAL |
| 2 | 5698.00 | 108.96 | | | | 3.59 | 34.34 | 0.00 | Peak | 100 | 149 | VERTICAL |
| 3 | 5725.40 | 67.09 | 68.30 | -1.21 | 29.15 | 3.60 | 34.34 | 0.00 | Peak | 100 | 149 | VERTICAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 52,60,64 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

**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 | 5120.19 | 44.37 | 54.00 | -9.63 | 7.33 | 3.43 | 33.61 | 0.00 | Average | 100 | 358 | HORIZONTAL |
| 2 | 5124.52 | 52.48 | 74.00 | -21.52 | 15.44 | 3.43 | 33.61 | 0.00 | Peak | 100 | 358 | HORIZONTAL |
| 3 | 5253.27 | 113.68 | | | | 3.46 | 33.85 | 0.00 | Peak | 100 | 358 | HORIZONTAL |
| 4 | 5258.56 | 101.70 | | | | 3.46 | 33.85 | 0.00 | Average | 100 | 358 | HORIZONTAL |
| 5 | 5350.00 | 39.07 | 54.00 | -14.93 | 1.55 | 3.49 | 34.03 | 0.00 | Average | 100 | 358 | HORIZONTAL |
| 6 | 5350.00 | 49.57 | 74.00 | -24.43 | 12.05 | 3.49 | 34.03 | 0.00 | Peak | 100 | 358 | HORIZONTAL |

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 | 5295.51 | 103.13 | | | | 3.47 | 33.91 | 0.00 | Average | 125 | 201 | VERTICAL |
| 2 | 5300.96 | 113.44 | | | | 3.48 | 33.94 | 0.00 | Peak | 125 | 201 | VERTICAL |
| 3 | 5350.00 | 46.17 | 54.00 | -7.83 | 8.65 | 3.49 | 34.03 | 0.00 | Average | 125 | 201 | VERTICAL |
| 4 | 5350.00 | 59.58 | 74.00 | -14.42 | 22.06 | 3.49 | 34.03 | 0.00 | Peak | 125 | 201 | 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 | 5314.71 | 99.30 | | | | 3.48 | 33.97 | 0.00 | Average | 101 | 179 | HORIZONTAL |
| 2 | 5314.87 | 109.62 | | | | 3.48 | 33.97 | 0.00 | Peak | 101 | 179 | HORIZONTAL |
| 3 | 5350.00 | 52.39 | 54.00 | -1.61 | 14.87 | 3.49 | 34.03 | 0.00 | Average | 101 | 179 | HORIZONTAL |
| 4 | 5354.33 | 72.57 | 74.00 | -1.43 | 35.05 | 3.49 | 34.03 | 0.00 | Peak | 101 | 179 | HORIZONTAL |

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

| Temperature | 25℃ | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 100,140 / Chain 1 + Chain 2 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (2TX) |

**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 | 5455.99 | 62.64 | 74.00 | -11.36 | 24.91 | 3.52 | 34.21 | 0.00 | Peak | 103 | 132 | VERTICAL |
| 2 | 5460.00 | 42.87 | 54.00 | -11.13 | 5.14 | 3.52 | 34.21 | 0.00 | Average | 103 | 132 | VERTICAL |
| 3 | 5470.00 | 67.07 | 68.30 | -1.23 | 29.31 | 3.52 | 34.24 | 0.00 | Peak | 103 | 132 | VERTICAL |
| 4 | 5504.97 | 100.22 | | | | 3.54 | 34.28 | 0.00 | Average | 103 | 132 | VERTICAL |
| 5 | 5504.97 | 110.12 | | | | 3.54 | 34.28 | 0.00 | Peak | 103 | 132 | VERTICAL |

Item 4, 5 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 | 5704.97 | 108.72 | | | | 3.60 | 34.34 | 0.00 | Peak | 159 | 261 | HORIZONTAL |
| 2 | 5705.61 | 99.13 | | | | 3.60 | 34.34 | 0.00 | Average | 159 | 261 | HORIZONTAL |
| 3 | 5725.80 | 66.65 | 68.30 | -1.65 | 28.71 | 3.60 | 34.34 | 0.00 | Peak | 159 | 261 | HORIZONTAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 52,60,64 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

**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 | 5144.00 | 53.98 | 74.00 | -20.02 | 16.88 | 3.43 | 33.67 | 0.00 | Peak | 108 | 243 | VERTICAL |
| 2 | 5150.00 | 40.79 | 54.00 | -13.21 | 3.69 | 3.43 | 33.67 | 0.00 | Average | 108 | 243 | VERTICAL |
| 3 | 5267.20 | 102.41 | | | | 3.46 | 33.88 | 0.00 | Average | 108 | 243 | VERTICAL |
| 4 | 5267.20 | 112.25 | | | | 3.46 | 33.88 | 0.00 | Peak | 108 | 243 | VERTICAL |
| 5 | 5356.00 | 55.35 | 74.00 | -18.65 | 17.83 | 3.49 | 34.03 | 0.00 | Peak | 108 | 243 | VERTICAL |
| 6 | 5400.40 | 43.02 | 54.00 | -10.98 | 5.39 | 3.51 | 34.12 | 0.00 | Average | 108 | 243 | 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 | 5304.40 | 111.52 | | | | 3.48 | 33.94 | 0.00 | Peak | 100 | 181 | HORIZONTAL |
| 2 | 5307.60 | 101.93 | | | | 3.48 | 33.94 | 0.00 | Average | 100 | 181 | HORIZONTAL |
| 3 | 5352.00 | 44.40 | 54.00 | -9.60 | 6.88 | 3.49 | 34.03 | 0.00 | Average | 100 | 181 | HORIZONTAL |
| 4 | 5356.80 | 60.48 | 74.00 | -13.52 | 22.96 | 3.49 | 34.03 | 0.00 | Peak | 100 | 181 | HORIZONTAL |

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 | 5315.40 | 103.58 | | | | 3.48 | 33.97 | 0.00 | Average | 120 | 258 | HORIZONTAL |
| 2 | 5315.60 | 114.04 | | | | 3.48 | 33.97 | 0.00 | Peak | 120 | 258 | HORIZONTAL |
| 3 | 5350.40 | 52.87 | 54.00 | -1.13 | 15.35 | 3.49 | 34.03 | 0.00 | Average | 120 | 258 | HORIZONTAL |
| 4 | 5351.00 | 70.90 | 74.00 | -3.10 | 33.38 | 3.49 | 34.03 | 0.00 | Peak | 120 | 258 | HORIZONTAL |

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

| Temperature | 25°C | Humidity | 65% |
|---|---|---|---|
| Test Engineer | Satoshi Yang | Configurations | IEEE 802.11a Ch 100,140 / Chain 1 + Chain 2 + Chain 3 |
| Test Date | Apr. 27, 2012 | Test Mode | Mode 5 (Ant. 5 Facade antenna / 2.5dBi) (3TX) |

**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 | 5460.00 | 43.72 | 54.00 | -10.28 | 6.01 | 3.52 | 34.19 | 0.00 | Average | 100 | 265 | HORIZONTAL |
| 2 | 5460.00 | 60.00 | 74.00 | -14.00 | 22.29 | 3.52 | 34.19 | 0.00 | Peak | 100 | 265 | HORIZONTAL |
| 3 | 5470.00 | 67.09 | 68.30 | -1.21 | 29.36 | 3.52 | 34.21 | 0.00 | Peak | 100 | 265 | HORIZONTAL |
| 4 | 5495.40 | 99.82 | | | | 3.53 | 34.23 | 0.00 | Average | 100 | 265 | HORIZONTAL |
| 5 | 5495.40 | 109.81 | | | | 3.53 | 34.23 | 0.00 | Peak | 100 | 265 | HORIZONTAL |

Item 4, 5 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 | 5692.60 | 110.47 | | | | 3.59 | 34.34 | 0.00 | Peak | 145 | 255 | VERTICAL |
| 2 | 5692.80 | 100.36 | | | | 3.59 | 34.34 | 0.00 | Average | 145 | 255 | VERTICAL |
| 3 | 5725.00 | 67.10 | 68.30 | -1.20 | 29.16 | 3.60 | 34.34 | 0.00 | Peak | 145 | 255 | VERTICAL |

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

Note:

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

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

## 4.8. Frequency Stability Measurement

### 4.8.1. Limit

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emissions is maintained within the band of operation under all conditions of normal operation as specified in the user's manual or ±20ppm (IEEE 802.11nspecification).

### 4.8.2. Measuring Instruments and Setting

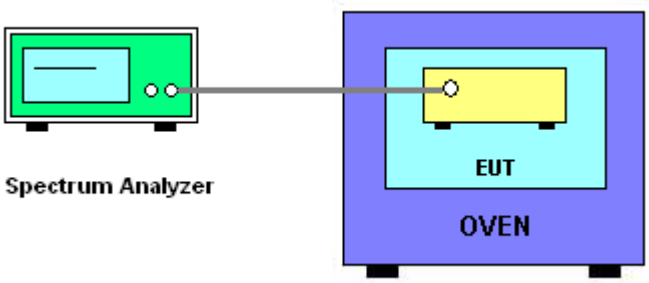
Please refer to section 5 of equipments list in this report. The following table is the setting of the spectrum analyzer.

| Spectrum Parameter | Setting |
|---|---|
| Attenuation | Auto |
| Span Frequency | Entire absence of modulation emissions bandwidth |
| RB | 10 kHz |
| VB | 10 kHz |
| Sweep Time | Auto |

### 4.8.3. Test Procedures

1. The transmitter output (antenna port) was connected to the spectrum analyzer.
2. EUT have transmitted absence of modulation signal and fixed channelize.
3. Set the spectrum analyzer span to view the entire absence of modulation emissions bandwidth.
4. Set RBW = 10 kHz, VBW = 10 kHz with peak detector and maxhold settings.
5. fc is declaring of channel frequency. Then the frequency error formula is (fc-f)/fc × $10^6$ ppm and the limit is less than ±20ppm (IEEE 802.11nspecification).
6. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value
7. Extreme temperature rule is -30°C~50°C.

### 4.8.4. Test Setup Layout



### 4.8.5. Test Deviation

There is no deviation with the original standard.

### 4.8.6. EUT Operation during Test

The EUT was programmed to be in continuously un-modulation transmitting mode.

### 4.8.7. Test Result of Frequency Stability

**Voltage vs. Frequency Stability**

| Voltage | Measurement Frequency (MHz) |
|---|---|
| (V) | 5299.9982 |
| 126.50 | 5299.9883 |
| 110.00 | 5299.9985 |
| 93.50 | 5300.0050 |
| Max. Deviation (MHz) | 0.009900 |
| Max. Deviation (ppm) | 1.87 |

**Temperature vs. Frequency Stability**

| Temperature | Measurement Frequency (MHz) |
|---|---|
| (°C) | 5300 |
| -30 | 5300.0002 |
| -20 | 5300.0002 |
| -10 | 5300.0001 |
| 0 | 5300.0000 |
| 10 | 5299.9986 |
| 20 | 5299.9988 |
| 30 | 5299.9987 |
| 40 | 5299.9988 |
| 50 | 5299.9989 |
| Max. Deviation (MHz) | 0.001400 |
| Max. Deviation (ppm) | 0.2642 |

## 4.9. Antenna Requirements

### 4.9.1. Limit

Except for special regulations, the Low-power Radio-frequency Devices must not be equipped with any jacket for installing an antenna with extension cable. An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that the user can replace a broken antenna, but the use of a standard antenna jack or electrical connector is prohibited. Further, this requirement does not apply to intentional radiators that must be professionally installed.

### 4.9.2. Antenna Connector Construction

Please refer to section 3.3 in this test report; antenna connector complied with the requirements.

# 5. LIST OF MEASURING EQUIPMENTS

| Instrument | Manufacturer | Model No. | Serial No. | Characteristics | Calibration Date | Remark |
|---|---|---|---|---|---|---|
| EMI Test Receiver | R&S | ESCS 30 | 100377 | 9kHz ~ 2.75GHz | Sep. 14, 2011 | Conduction (CO01-CB) |
| LISN | F.C.C. | FCC-LISN-50-16-2 | 04083 | 150kHz ~ 100MHz | Nov. 14, 2011 | Conduction (CO01-CB) |
| V- LISN | Schwarzbeck | NSLK 8127 | 8127-478 | 9K ~ 30MHz | Nov. 30, 2011 | Conduction (CO01-CB) |
| COND Cable | Woken | Cable | 01 | 0.15MHz~30MHz | Dec. 4, 2011 | Conduction (CO01-CB) |
| BILOG ANTENNA | Schaffner | CBL6112D | 22021 | 20MHz ~ 2GHz | Jan. 11, 2012 | Radiation (03CH01-CB) |
| Horn Antenna | EMCO | 3115 | 00075790 | 750MHz~18GHz | Nov. 25, 2011 | Radiation (03CH01-CB) |
| Horn Antenna | SCHWARZBEAK | BBHA 9170 | BBHA9170252 | 15GHz ~ 40GHz | Nov. 22, 2011 | Radiation (03CH01-CB) |
| Pre-Amplifier | Agilent | 8447D | 2944A10991 | 0.1MHz ~ 1.3GHz | Nov. 17, 2011 | Radiation (03CH01-CB) |
| Pre-Amplifier | Agilent | 8449B | 3008A02310 | 1GHz ~ 26.5GHz | Nov. 29, 2011 | Radiation (03CH01-CB) |
| Pre-Amplifier | WM | TF-130N-R1 | 923365 | 26.5GHz ~ 40GHz | Jul. 29, 2011 | Radiation (03CH01-CB) |
| Spectrum analyzer | R&S | FSP40 | 100056 | 9KHz~40GHz | Nov. 03, 2011 | Radiation (03CH01-CB) |
| EMI Test Receiver | R&S | ESCS 30 | 100355 | 9KHz ~ 2.75GHz | Mar. 20, 2012 | Radiation (03CH01-CB) |
| Loop Antenna | Teseq | HLA 6120 | 24155 | 9 kHz - 30 MHz | Sep. 09, 2010* | Radiation (03CH01-CB) |
| Turn Table | INN CO | CO 2000 | N/A | 0 ~ 360 degree | N/A | Radiation (03CH01-CB) |
| Antenna Mast | INN CO | CO2000 | N/A | 1 m - 4 m | N/A | Radiation (03CH01-CB) |
| RF Cable-low | Woken | Low Cable-1 | N/A | 30 MHz - 1 GHz | Nov. 17, 2011 | Radiation (03CH01-CB) |
| RF Cable-high | Woken | High Cable-1 | N/A | 1 GHz – 26.5 GHz | Nov. 17, 2011 | Radiation (03CH01-CB) |
| RF Cable-high | Woken | High Cable-2 | N/A | 1 GHz – 26.5 GHz | Nov. 17, 2011 | Radiation (03CH01-CB) |
| RF Cable-high | Woken | High Cable-3 | N/A | 1 GHz - 40 GHz | Nov. 17, 2011 | Radiation (03CH01-CB) |
| RF Cable-high | Woken | High Cable-4 | N/A | 1 GHz - 40 GHz | Nov. 17, 2011 | Radiation (03CH01-CB) |
| Signal analyzer | R&S | FSV40 | 100979 | 9KHz~40GHz | Sep. 26, 2011 | Conducted (TH01-CB) |
| Temp. and Humidity Chamber | Ten Billion | TTH-D3SP | TBN-931011 | -30~100 degree | May 20, 2012 | Conducted (TH01-CB) |
| Thermo-Hygro Meter | N/A | HC 520 | #1 | 15~70 degree | Nov. 02, 2011 | Conducted (TH01-CB) |
| Signal Generator | R&S | SMR40 | 100302 | 10MHz-40GHz | Nov. 22, 2011 | Conducted (TH01-CB) |
| RF Power Divider | HP | 11636A | 00306 | 2GHz ~ 18GHz | N/A | Conducted (TH01-CB) |
| RF Power Splitter | Anaren | 44100 | 1839 | 2GHz ~ 18GHz | N/A | Conducted (TH01-CB) |
| RF Power Splitter | Anaren | 42100 | 17930 | 2GHz ~ 18GHz | N/A | Conducted (TH01-CB) |
| RF Cable-high | Woken | High Cable-7 | - | 1 GHz – 26.5 GHz | Nov. 17, 2011 | Conducted (TH01-CB) |
| RF Cable-high | Woken | High Cable-8 | - | 1 GHz – 26.5 GHz | Nov. 17, 2011 | Conducted (TH01-CB) |
| RF Cable-high | Woken | High Cable-9 | - | 1 GHz – 26.5 GHz | Nov. 17, 2011 | Conducted (TH01-CB) |
| RF Cable-high | Woken | High Cable-10 | - | 1 GHz – 26.5 GHz | Nov. 17, 2011 | Conducted (TH01-CB) |

| Instrument | Manufacturer | Model No. | Serial No. | Characteristics | Calibration Date | Remark |
|---|---|---|---|---|---|---|
| RF Cable-high | Woken | High Cable-11 | - | 1 GHz – 26.5 GHz | Nov. 17, 2011 | Conducted (TH01-CB) |
| RF Cable-high | Woken | High Cable-12 | - | 1 GHz – 26.5 GHz | Nov. 17, 2011 | Conducted (TH01-CB) |
| RF Cable-high | Woken | High Cable-13 | - | 1 GHz – 26.5 GHz | Nov. 17, 2011 | Conducted (TH01-CB) |
| Power Sensor | Anritsu | MA2411B | 0917223 | 300MHz~40GHz | Nov. 01, 2011 | Conducted (TH01-CB) |
| Power Meter | Anritsu | ML2495A | 1035008 | 300MHz~40GHz | Nov. 01, 2011 | Conducted (TH01-CB) |

Note: Calibration Interval of instruments listed above is one year.

"*" Calibration Interval of instruments listed above is two years.

NCR means Non-Calibration required.

# 6. TEST LOCATION

| | | | |
|---|---|---|---|
| SHIJR | ADD | : | 6Fl., No. 106, Sec. 1, Shintai 5th Rd., Shijr City, Taipei, Taiwan 221, R.O.C. |
| | TEL | : | 886-2-2696-2468 |
| | FAX | : | 886-2-2696-2255 |
| HWA YA | ADD | : | No. 52, Hwa Ya 1st Rd., Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C. |
| | TEL | : | 886-3-327-3456 |
| | FAX | : | 886-3-318-0055 |
| LINKOU | ADD | : | No. 30-2, Dingfu Tsuen, Linkou Shiang, Taipei, Taiwan 244, R.O.C |
| | TEL | : | 886-2-2601-1640 |
| | FAX | : | 886-2-2601-1695 |
| DUNGHU | ADD | : | No. 3, Lane 238, Kangle St., Neihu Chiu, Taipei, Taiwan 114, R.O.C. |
| | TEL | : | 886-2-2631-4739 |
| | FAX | : | 886-2-2631-9740 |
| JUNGHE | ADD | : | 7Fl., No. 758, Jungjeng Rd., Junghe City, Taipei, Taiwan 235, R.O.C. |
| | TEL | : | 886-2-8227-2020 |
| | FAX | : | 886-2-8227-2626 |
| NEIHU | ADD | : | 4Fl., No. 339, Hsin Hu 2nd Rd., Taipei 114, Taiwan, R.O.C. |
| | TEL | : | 886-2-2794-8886 |
| | FAX | : | 886-2-2794-9777 |
| JHUBEI | ADD | : | No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C. |
| | TEL | : | 886-3-656-9065 |
| | FAX | : | 886-3-656-9085 |

# 7. TAF CERTIFICATE OF ACCREDITATION

Certificate No. : L1190-110702

財團法人全國認證基金會
Taiwan Accreditation Foundation

## Certificate of Accreditation

This is to certify that

**Sporton International Inc.**
**EMC & Wireless Communications Laboratory**
No.52, Hwa Ya 1st Road, Hwa Ya Technology Park, Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.

**is accredited in respect of laboratory**

| | | |
|---|---|---|
| **Accreditation Criteria** | : | ISO/IEC 17025:2005 |
| **Accreditation Number** | : | 1190 |
| **Originally Accredited** | : | December 15, 2003 |
| **Effective Period** | : | January 10, 2010 to January 09, 2013 |
| **Accredited Scope** | : | Testing Field, see described in the Appendix |
| **Specific Accreditation Program** | : | Accreditation Program for Designated Testing Laboratory for Commodities Inspection<br>Accreditation Program for Telecommunication Equipment Testing Laboratory<br>Accreditation Program for BSMI Mutual Recognition Arrangment with Foreign Authorities |

Jay-San Chen
President, Taiwan Accreditation Foundation
Date : July 02, 2011

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The Appendix forms an integral part of this Certificate, which shall be invalid when use without the Appendix