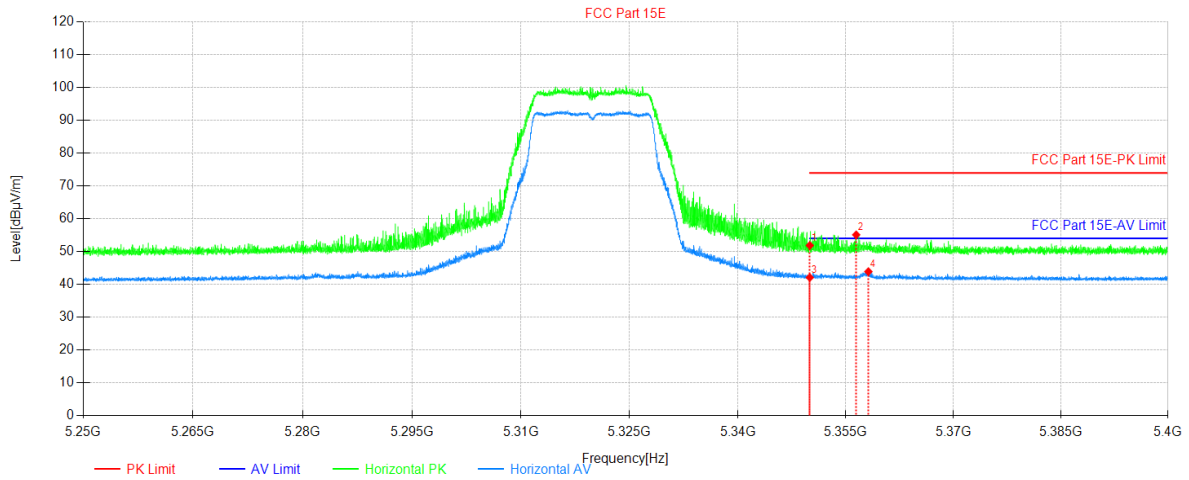


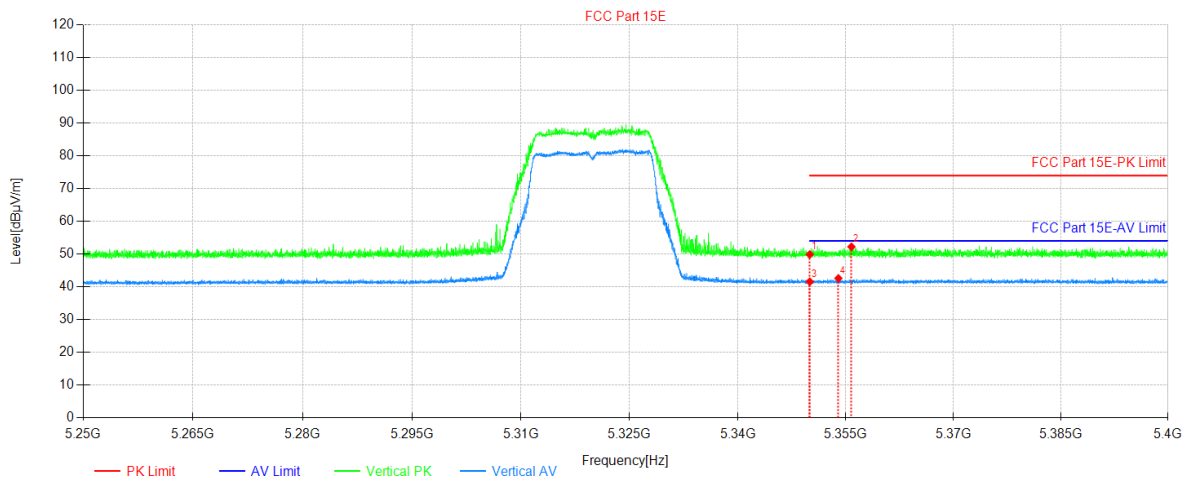
IEEE 802.11a_Channel 64

Test Graph



| Data List | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|------------|---------|
| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
| 1 | 5350 | 46.71 | 5.15 | 51.86 | 74.00 | 22.14 | 150 | 342 | PK | Horizontal | PASS |
| 2 | 5356.4506 | 49.96 | 5.14 | 55.10 | 74.00 | 18.90 | 150 | 65 | PK | Horizontal | PASS |
| 3 | 5350 | 36.93 | 5.15 | 42.08 | 54.00 | 11.92 | 150 | 358 | AV | Horizontal | PASS |
| 4 | 5358.1458 | 38.74 | 5.14 | 43.88 | 54.00 | 10.12 | 150 | 358 | AV | Horizontal | PASS |

Test Graph



| Data List | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|----------|---------|
| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
| 1 | 5350 | 44.72 | 5.15 | 49.87 | 74.00 | 24.13 | 150 | 129 | PK | Vertical | PASS |
| 2 | 5355.7906 | 47.08 | 5.14 | 52.22 | 74.00 | 21.78 | 150 | 266 | PK | Vertical | PASS |
| 3 | 5350 | 36.41 | 5.15 | 41.56 | 54.00 | 12.44 | 150 | 299 | AV | Vertical | PASS |
| 4 | 5353.9754 | 37.44 | 5.14 | 42.58 | 54.00 | 11.42 | 150 | 356 | AV | Vertical | PASS |

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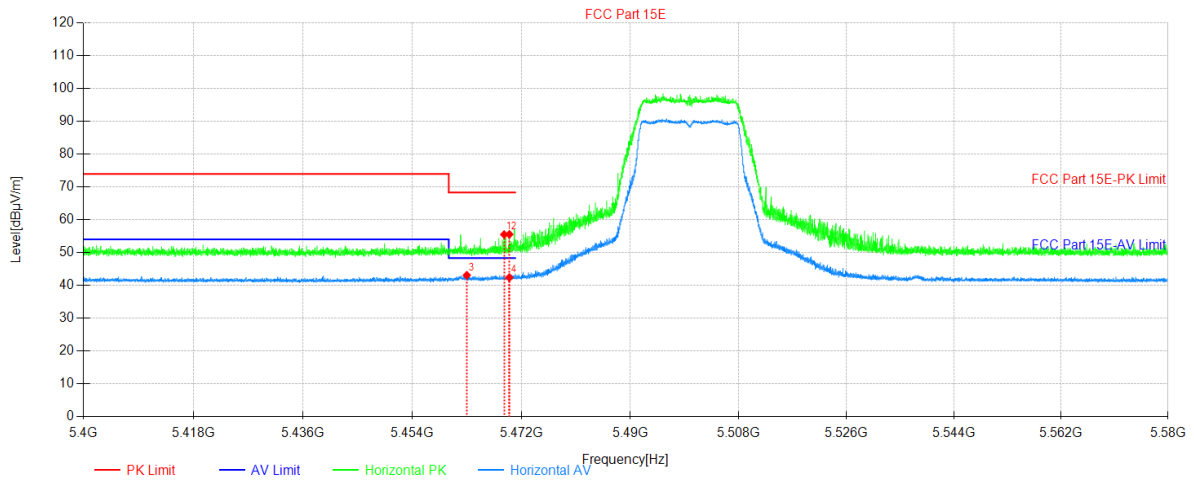
E-mail: info@uttlab.com

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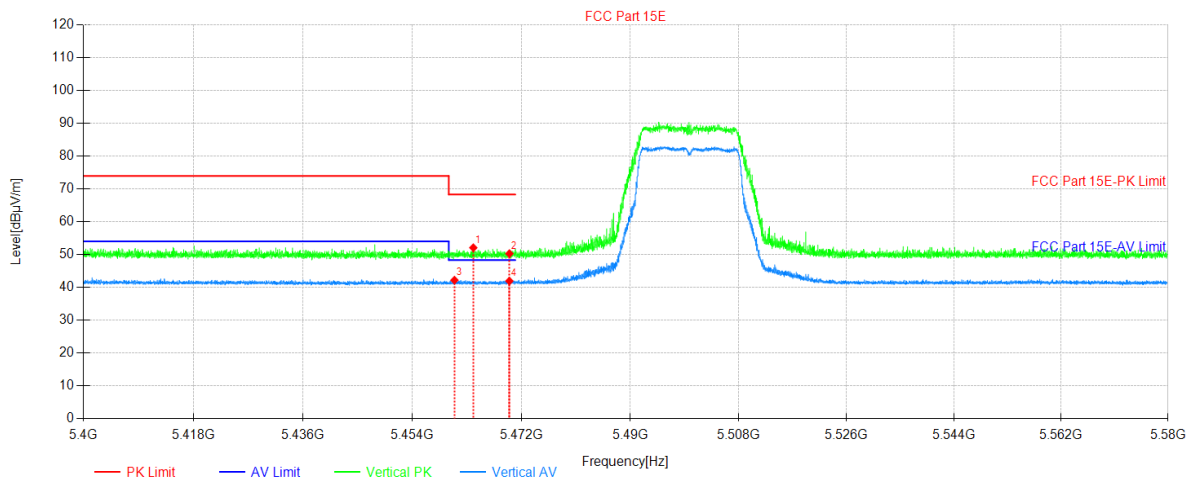
IEEE 802.11a_Channel 100

Test Graph



| Data List | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|------------|---------|
| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
| 1 | 5469.1449 | 50.46 | 5.04 | 55.50 | 68.30 | 12.80 | 150 | 40 | PK | Horizontal | PASS |
| 2 | 5470.009 | 50.51 | 5.04 | 55.55 | 68.30 | 12.75 | 150 | 360 | PK | Horizontal | PASS |
| 3 | 5462.9703 | 38.05 | 5.03 | 43.08 | 48.30 | 5.22 | 150 | 49 | AV | Horizontal | PASS |
| 4 | 5470.009 | 37.35 | 5.04 | 42.39 | 48.30 | 5.91 | 150 | 68 | AV | Horizontal | PASS |

Test Graph



| Data List | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|----------|---------|
| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
| 1 | 5464.0504 | 47.04 | 5.04 | 52.08 | 68.30 | 16.22 | 150 | 146 | PK | Vertical | PASS |
| 2 | 5470.009 | 45.24 | 5.04 | 50.28 | 68.30 | 18.02 | 150 | 296 | PK | Vertical | PASS |
| 3 | 5460.9361 | 37.16 | 5.03 | 42.19 | 48.30 | 6.11 | 150 | 287 | AV | Vertical | PASS |
| 4 | 5470.009 | 36.89 | 5.04 | 41.93 | 48.30 | 6.37 | 150 | 1 | AV | Vertical | PASS |

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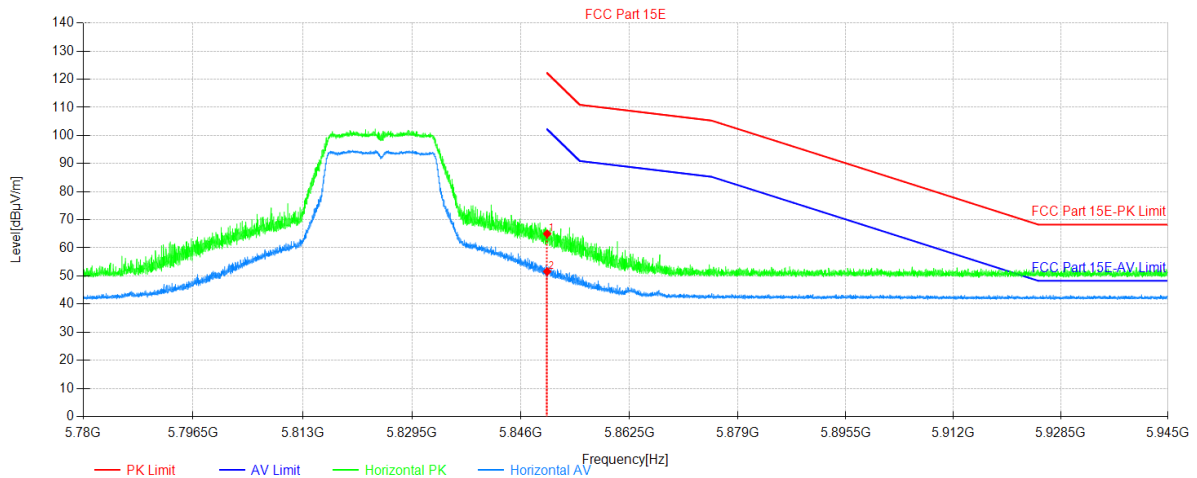
E-mail: info@uttlab.com

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IEEE 802.11a_ Channel 165

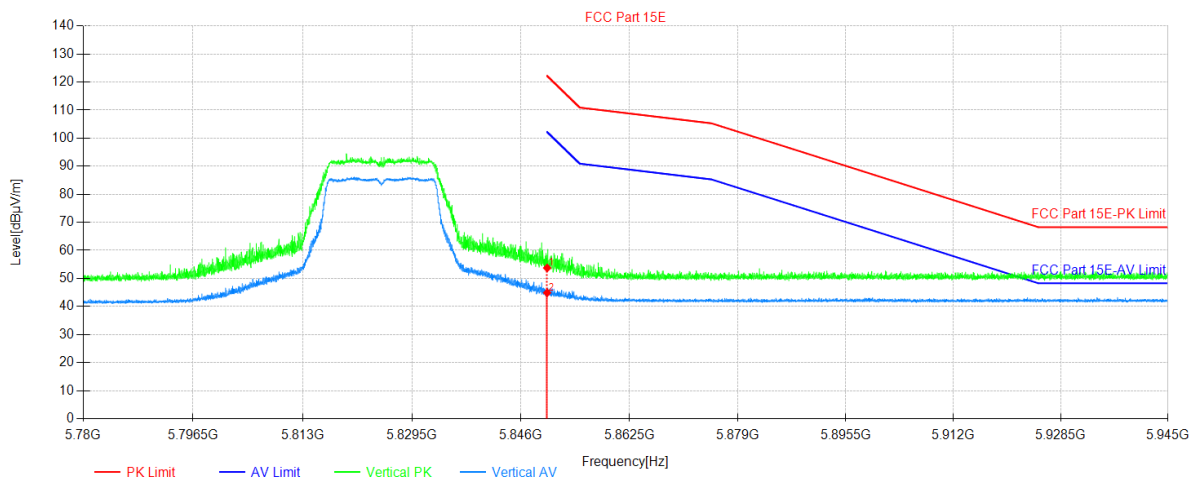
Test Graph



Data List

| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
|-----|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|------------|---------|
| 1 | 5850 | 59.52 | 5.50 | 65.02 | 122.30 | 57.28 | 150 | 354 | PK | Horizontal | PASS |
| 2 | 5850 | 46.09 | 5.50 | 51.59 | 102.30 | 50.71 | 150 | 12 | AV | Horizontal | PASS |

Test Graph



Data List

| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
|-----|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|----------|---------|
| 1 | 5850 | 48.23 | 5.50 | 53.73 | 122.30 | 68.57 | 150 | 103 | PK | Vertical | PASS |
| 2 | 5850 | 39.38 | 5.50 | 44.88 | 102.30 | 57.42 | 150 | 103 | AV | Vertical | PASS |

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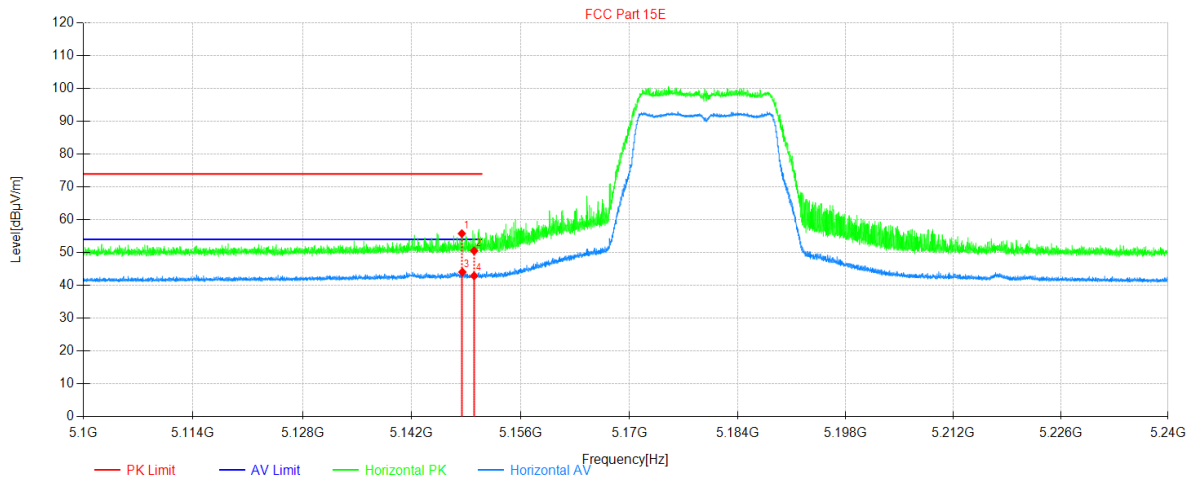
E-mail: info@uttlab.com

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IEEE 802.11n-HT20_Channel 36

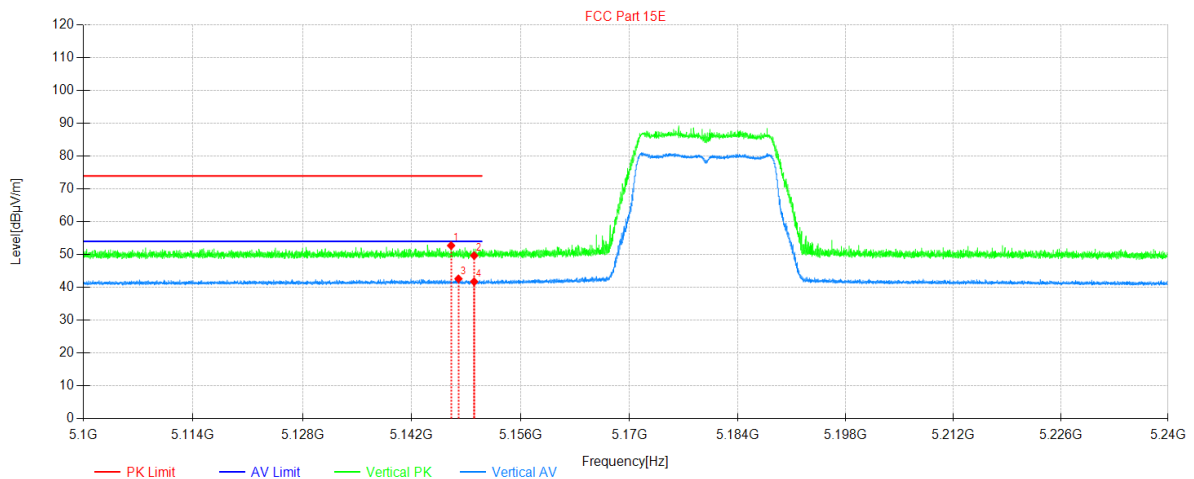
Test Graph



Data List

| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
|-----|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|------------|---------|
| 1 | 5148.4308 | 50.79 | 5.01 | 55.80 | 74.00 | 18.20 | 150 | 20 | PK | Horizontal | PASS |
| 2 | 5150.013 | 45.51 | 5.01 | 50.52 | 74.00 | 23.48 | 150 | 248 | PK | Horizontal | PASS |
| 3 | 5148.5008 | 39.04 | 5.01 | 44.05 | 54.00 | 9.95 | 150 | 2 | AV | Horizontal | PASS |
| 4 | 5150.013 | 37.89 | 5.01 | 42.90 | 54.00 | 11.10 | 150 | 44 | AV | Horizontal | PASS |

Test Graph



Data List

| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
|-----|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|----------|---------|
| 1 | 5147.0587 | 47.73 | 5.00 | 52.73 | 74.00 | 21.27 | 150 | 286 | PK | Vertical | PASS |
| 2 | 5150.013 | 44.67 | 5.01 | 49.68 | 74.00 | 24.32 | 150 | 357 | PK | Vertical | PASS |
| 3 | 5147.9968 | 37.61 | 5.01 | 42.62 | 54.00 | 11.38 | 150 | 204 | AV | Vertical | PASS |
| 4 | 5150.013 | 36.71 | 5.01 | 41.72 | 54.00 | 12.28 | 150 | 317 | AV | Vertical | PASS |

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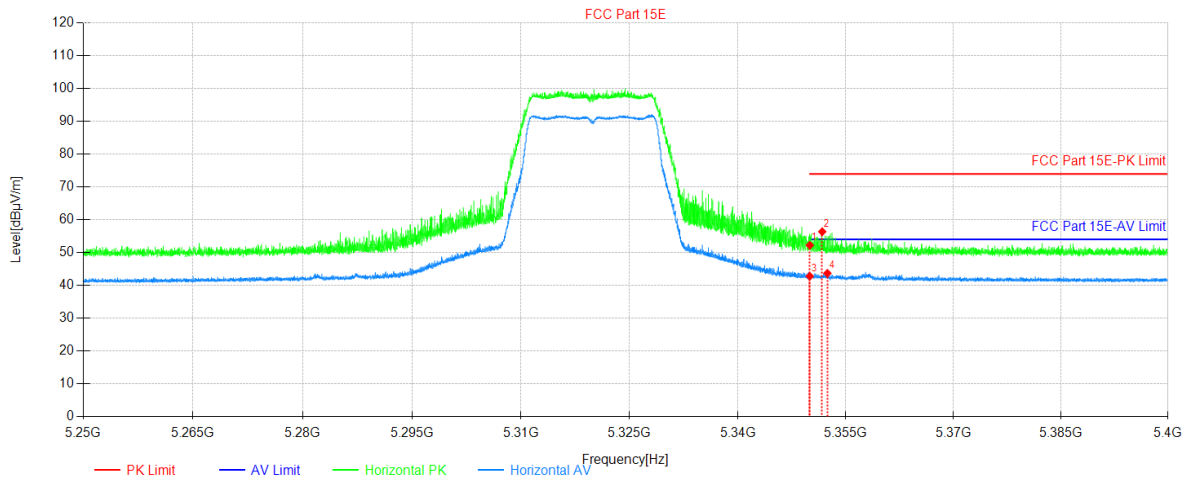
E-mail: info@uttlab.com

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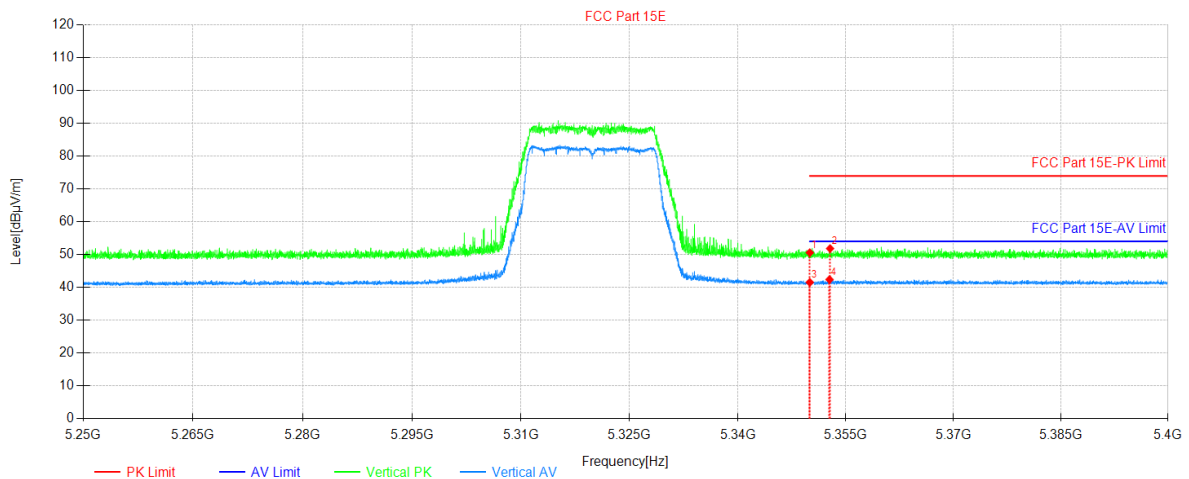
IEEE 802.11n-HT20_Channel 64

Test Graph



| Data List | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|------------|---------|
| NO. | Freq. [MHz] | Reading [dBμV] | Correct Factor [dB/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
| 1 | 5350 | 47.07 | 5.15 | 52.22 | 74.00 | 21.78 | 150 | 358 | PK | Horizontal | PASS |
| 2 | 5351.7252 | 51.22 | 5.15 | 56.37 | 74.00 | 17.63 | 150 | 3 | PK | Horizontal | PASS |
| 3 | 5350 | 37.62 | 5.15 | 42.77 | 54.00 | 11.23 | 150 | 358 | AV | Horizontal | PASS |
| 4 | 5352.4452 | 38.54 | 5.15 | 43.69 | 54.00 | 10.31 | 150 | 51 | AV | Horizontal | PASS |

Test Graph



| Data List | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|----------|---------|
| NO. | Freq. [MHz] | Reading [dBμV] | Correct Factor [dB/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
| 1 | 5350 | 45.43 | 5.15 | 50.58 | 74.00 | 23.42 | 150 | 28 | PK | Vertical | PASS |
| 2 | 5352.8203 | 46.70 | 5.14 | 51.84 | 74.00 | 22.16 | 150 | 197 | PK | Vertical | PASS |
| 3 | 5350 | 36.38 | 5.15 | 41.53 | 54.00 | 12.47 | 150 | 357 | AV | Vertical | PASS |
| 4 | 5352.7453 | 37.23 | 5.15 | 42.38 | 54.00 | 11.62 | 150 | 224 | AV | Vertical | PASS |

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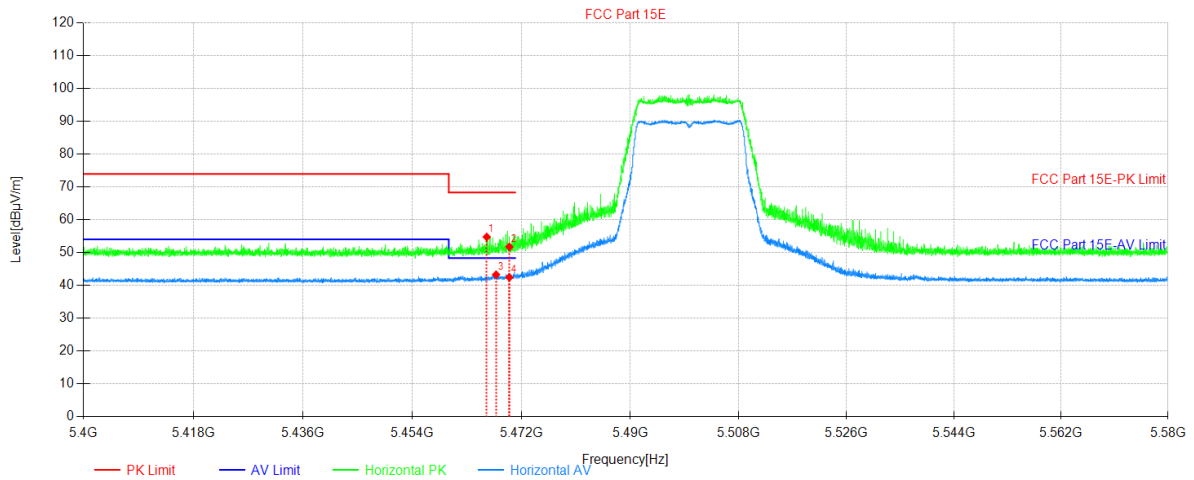
Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

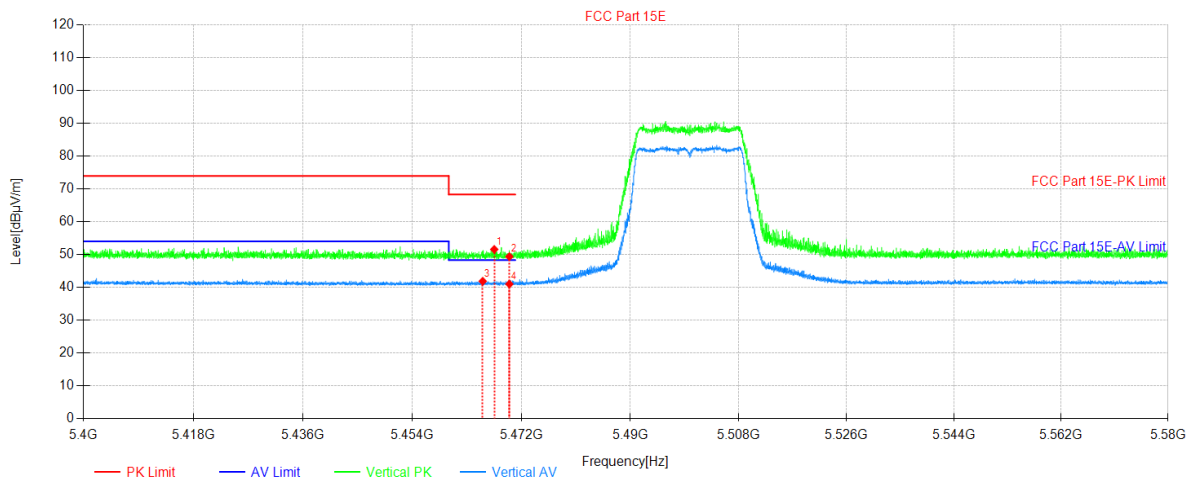
UTTR-RF-RSS247-V1.1

IEEE 802.11n-HT20_Channel 100
Test Graph



| Data List | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|------------|---------|
| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
| 1 | 5466.2646 | 49.72 | 5.04 | 54.76 | 68.30 | 13.54 | 150 | 21 | PK | Horizontal | PASS |
| 2 | 5470.009 | 46.71 | 5.04 | 51.75 | 68.30 | 16.55 | 150 | 21 | PK | Horizontal | PASS |
| 3 | 5467.8128 | 38.21 | 5.04 | 43.25 | 48.30 | 5.05 | 150 | 360 | AV | Horizontal | PASS |
| 4 | 5470.009 | 37.41 | 5.04 | 42.45 | 48.30 | 5.85 | 150 | 326 | AV | Horizontal | PASS |

Test Graph



| Data List | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|----------|---------|
| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
| 1 | 5467.5068 | 46.53 | 5.04 | 51.57 | 68.30 | 16.73 | 150 | 305 | PK | Vertical | PASS |
| 2 | 5470.009 | 44.34 | 5.04 | 49.38 | 68.30 | 18.92 | 150 | 160 | PK | Vertical | PASS |
| 3 | 5465.5986 | 36.82 | 5.04 | 41.86 | 48.30 | 6.44 | 150 | 202 | AV | Vertical | PASS |
| 4 | 5470.009 | 35.96 | 5.04 | 41.00 | 48.30 | 7.30 | 150 | 74 | AV | Vertical | PASS |

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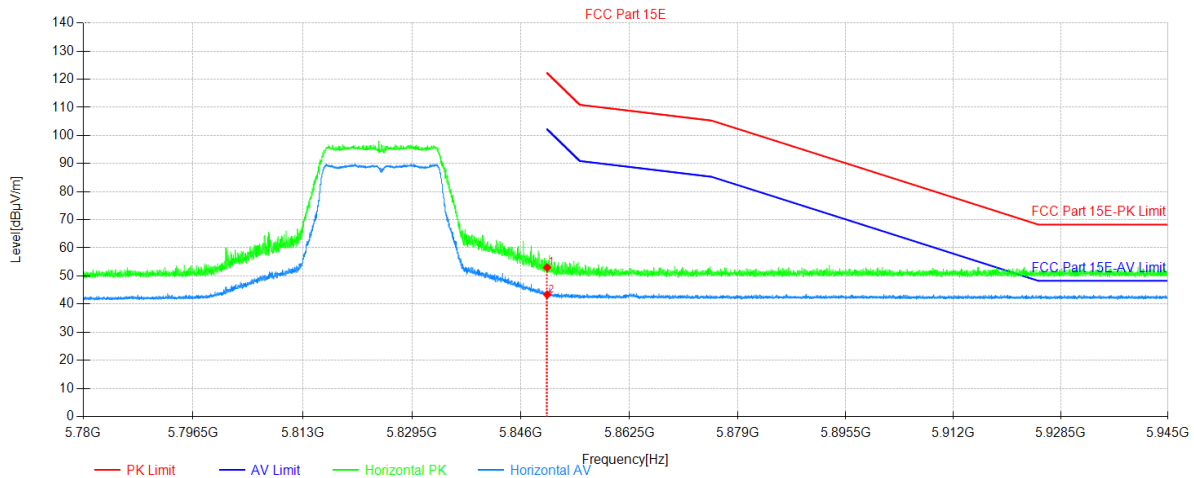
E-mail: info@uttlab.com

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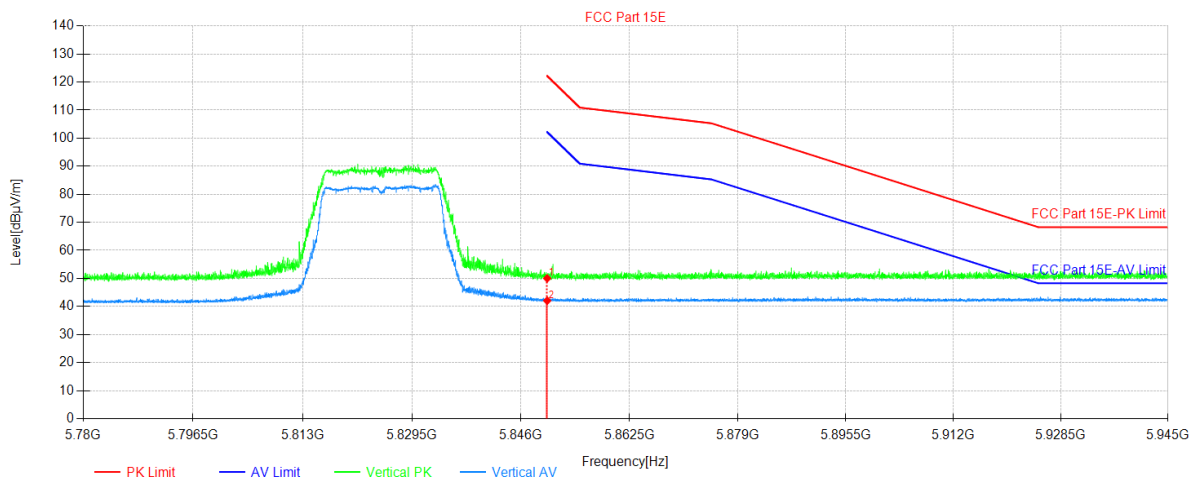
IEEE 802.11n-HT20_Channel 165

Test Graph



| Data List | | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|------------|---------|--|
| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict | |
| 1 | 5850 | 47.50 | 5.50 | 53.00 | 122.30 | 69.30 | 150 | 26 | PK | Horizontal | PASS | |
| 2 | 5850 | 37.88 | 5.50 | 43.38 | 102.30 | 58.92 | 150 | 347 | AV | Horizontal | PASS | |

Test Graph



| Data List | | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|----------|---------|--|
| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict | |
| 1 | 5850 | 44.52 | 5.50 | 50.02 | 122.30 | 72.28 | 150 | 96 | PK | Vertical | PASS | |
| 2 | 5850 | 36.57 | 5.50 | 42.07 | 102.30 | 60.23 | 150 | 96 | AV | Vertical | PASS | |

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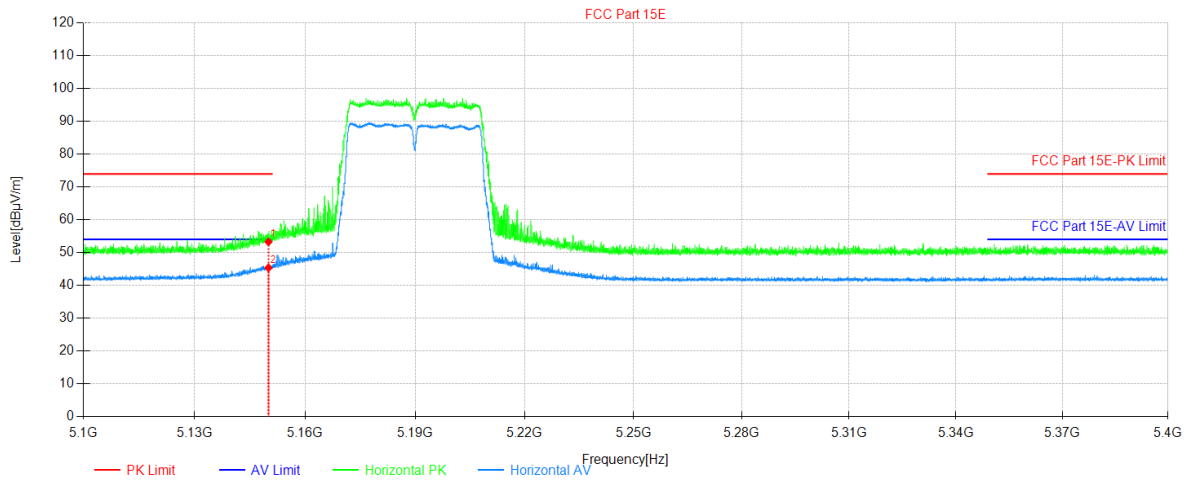
E-mail: info@uttlab.com

<http://www.uttlab.com>

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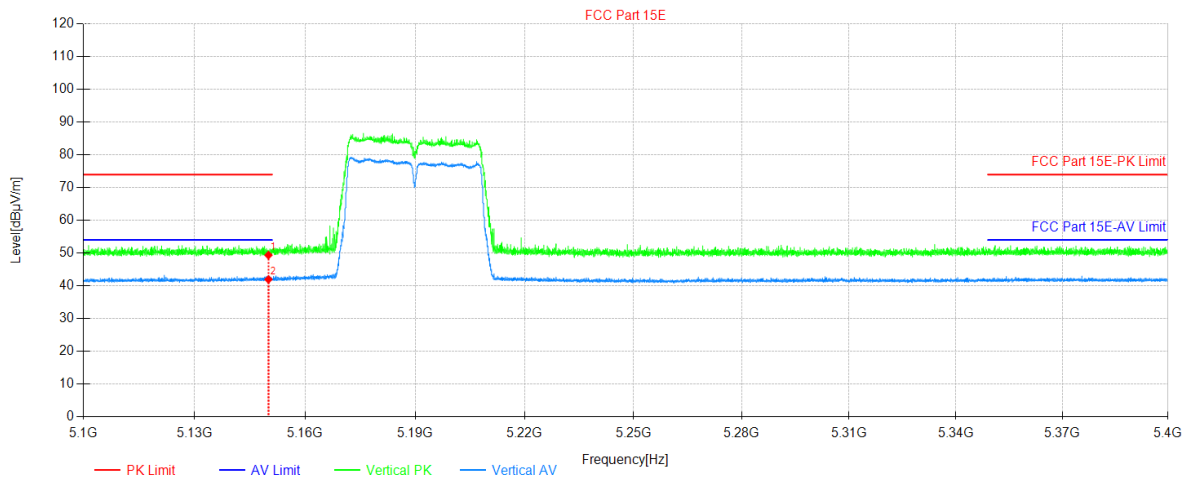
IEEE 802.11n-HT40_Channel 38

Test Graph



| Data List | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|------------|---------|
| NO. | Freq. [MHz] | Reading [dBμV] | Correct Factor [dB/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
| 1 | 5150.015 | 48.26 | 5.01 | 53.27 | 74.00 | 20.73 | 150 | 46 | PK | Horizontal | PASS |
| 2 | 5150.015 | 40.36 | 5.01 | 45.37 | 54.00 | 8.63 | 150 | 3 | AV | Horizontal | PASS |

Test Graph



| Data List | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|----------|---------|
| NO. | Freq. [MHz] | Reading [dBμV] | Correct Factor [dB/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
| 1 | 5150.015 | 44.35 | 5.01 | 49.36 | 74.00 | 24.64 | 150 | 335 | PK | Vertical | PASS |
| 2 | 5150.015 | 36.94 | 5.01 | 41.95 | 54.00 | 12.05 | 150 | 357 | AV | Vertical | PASS |

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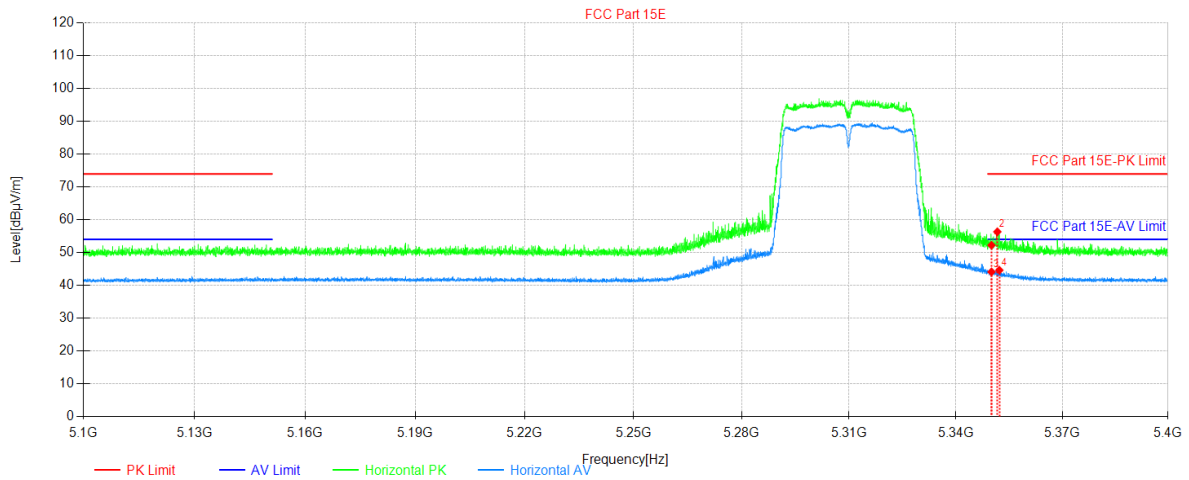
Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

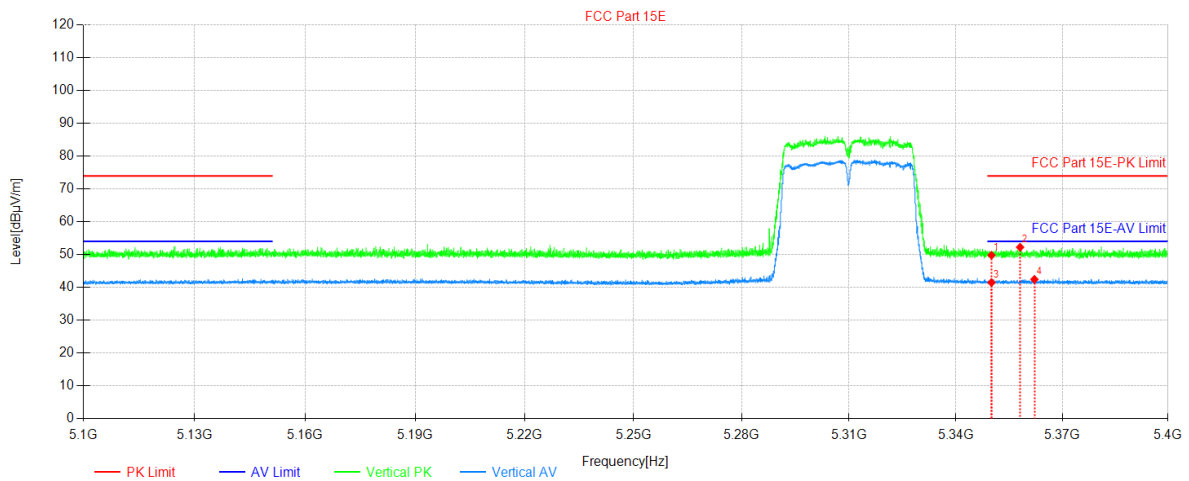
UTTR-RF-RSS247-V1.1

IEEE 802.11n- HT40_ Channel 62
Test Graph



| Data List | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|------------|---------|
| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
| 1 | 5350.015 | 47.09 | 5.15 | 52.24 | 74.00 | 21.76 | 150 | 57 | PK | Horizontal | PASS |
| 2 | 5351.6652 | 51.19 | 5.15 | 56.34 | 74.00 | 17.66 | 150 | 34 | PK | Horizontal | PASS |
| 3 | 5350.015 | 38.96 | 5.15 | 44.11 | 54.00 | 9.89 | 150 | 333 | AV | Horizontal | PASS |
| 4 | 5352.2352 | 39.47 | 5.15 | 44.62 | 54.00 | 9.38 | 150 | 340 | AV | Horizontal | PASS |

Test Graph



| Data List | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|----------|---------|
| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
| 1 | 5350.015 | 44.65 | 5.15 | 49.80 | 74.00 | 24.20 | 150 | 54 | PK | Vertical | PASS |
| 2 | 5358.0858 | 47.10 | 5.14 | 52.24 | 74.00 | 21.76 | 150 | 312 | PK | Vertical | PASS |
| 3 | 5350.015 | 36.33 | 5.15 | 41.48 | 54.00 | 12.52 | 150 | 170 | AV | Vertical | PASS |
| 4 | 5362.1362 | 37.31 | 5.13 | 42.44 | 54.00 | 11.56 | 150 | 160 | AV | Vertical | PASS |

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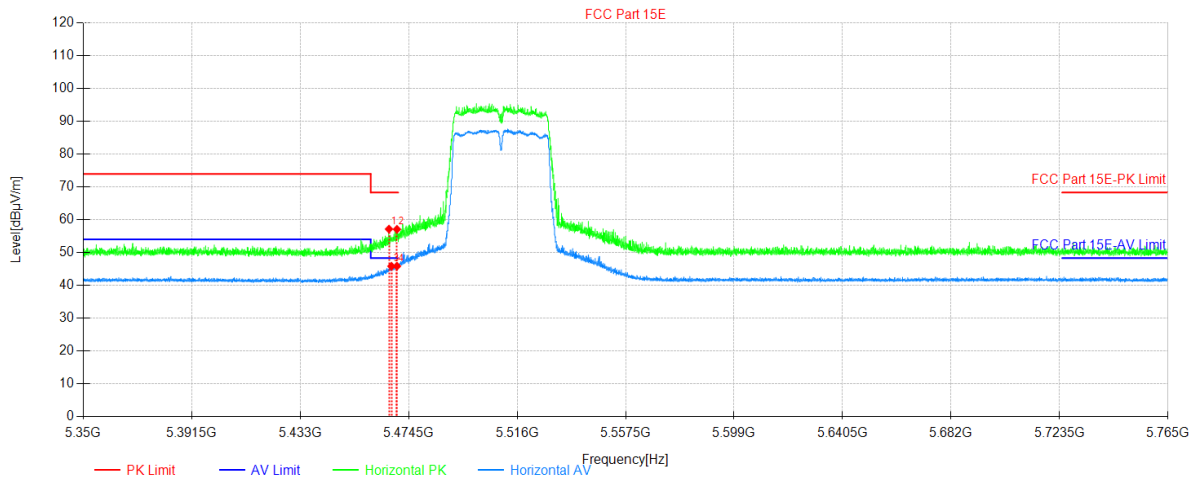
Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

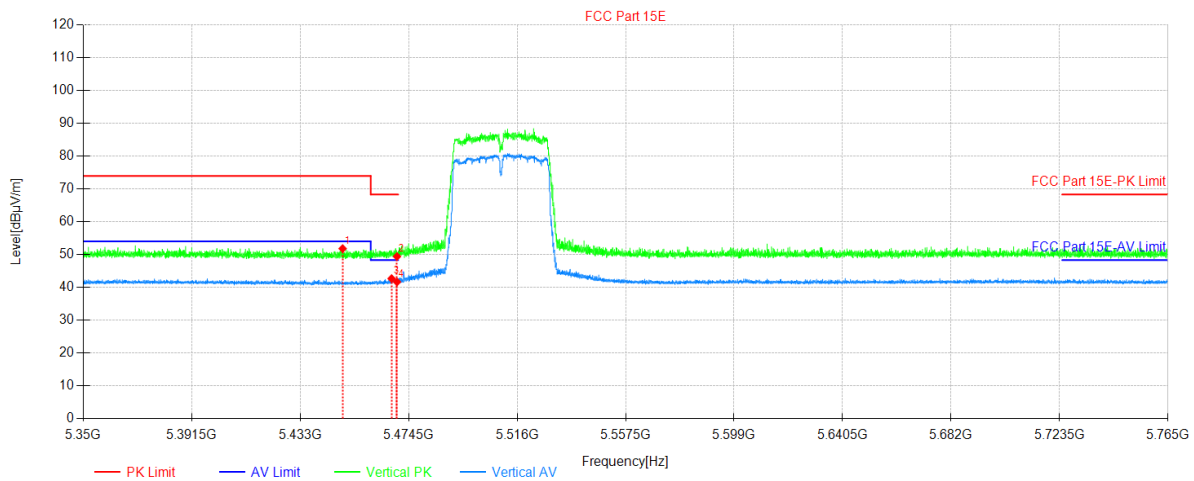
UTTR-RF-RSS247-V1.1

IEEE 802.11n- HT40_ Channel 102
Test Graph



| Data List | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|------------|---------|
| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
| 1 | 5466.9587 | 52.12 | 5.04 | 57.16 | 68.30 | 11.14 | 150 | 3 | PK | Horizontal | PASS |
| 2 | 5470.03 | 52.06 | 5.04 | 57.10 | 68.30 | 11.20 | 150 | 360 | PK | Horizontal | PASS |
| 3 | 5467.9133 | 40.80 | 5.04 | 45.84 | 48.30 | 2.46 | 150 | 360 | AV | Horizontal | PASS |
| 4 | 5470.03 | 40.82 | 5.04 | 45.86 | 48.30 | 2.44 | 150 | 323 | AV | Horizontal | PASS |

Test Graph



| Data List | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|----------|---------|
| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
| 1 | 5449.2364 | 46.79 | 5.02 | 51.81 | 74.00 | 22.19 | 150 | 60 | PK | Vertical | PASS |
| 2 | 5470.03 | 44.37 | 5.04 | 49.41 | 68.30 | 18.89 | 150 | 77 | PK | Vertical | PASS |
| 3 | 5467.9548 | 37.64 | 5.04 | 42.68 | 48.30 | 5.62 | 150 | 77 | AV | Vertical | PASS |
| 4 | 5470.03 | 36.61 | 5.04 | 41.65 | 48.30 | 6.65 | 150 | 224 | AV | Vertical | PASS |

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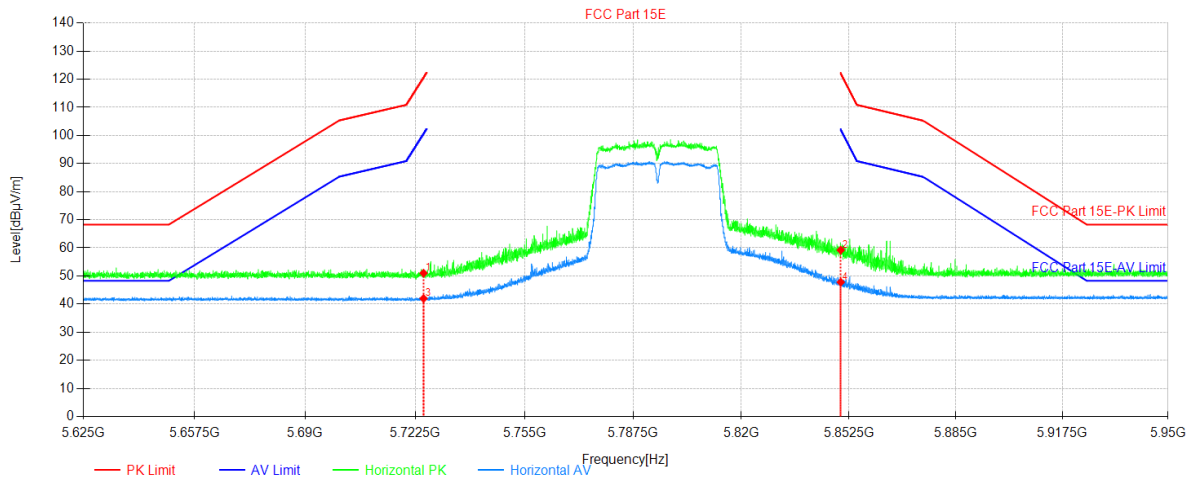
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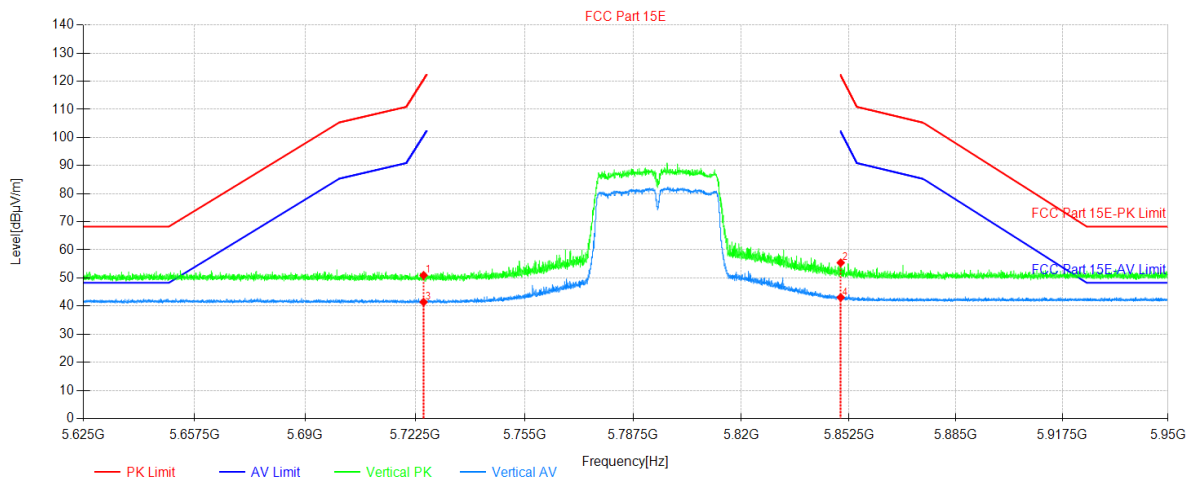
UTTR-RF-RSS247-V1.1

IEEE 802.11n- HT40_ Channel 159
Test Graph



| Data List | | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|------------|---------|--|
| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict | |
| 1 | 5725.0125 | 45.81 | 5.21 | 51.02 | 120.42 | 69.40 | 150 | 352 | PK | Horizontal | PASS | |
| 2 | 5850.02 | 53.71 | 5.50 | 59.21 | 122.25 | 63.04 | 150 | 25 | PK | Horizontal | PASS | |
| 3 | 5725.0125 | 36.78 | 5.21 | 41.99 | 100.42 | 58.43 | 150 | 2 | AV | Horizontal | PASS | |
| 4 | 5850.02 | 42.29 | 5.50 | 47.79 | 102.25 | 54.46 | 150 | 32 | AV | Horizontal | PASS | |

Test Graph



| Data List | | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|----------|---------|--|
| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict | |
| 1 | 5725.0125 | 45.75 | 5.21 | 50.96 | 120.42 | 69.46 | 150 | 86 | PK | Vertical | PASS | |
| 2 | 5850.02 | 49.92 | 5.50 | 55.42 | 122.25 | 66.83 | 150 | 77 | PK | Vertical | PASS | |
| 3 | 5725.0125 | 36.23 | 5.21 | 41.44 | 100.42 | 58.98 | 150 | 357 | AV | Vertical | PASS | |
| 4 | 5850.02 | 37.58 | 5.50 | 43.08 | 102.25 | 59.17 | 150 | 70 | AV | Vertical | PASS | |

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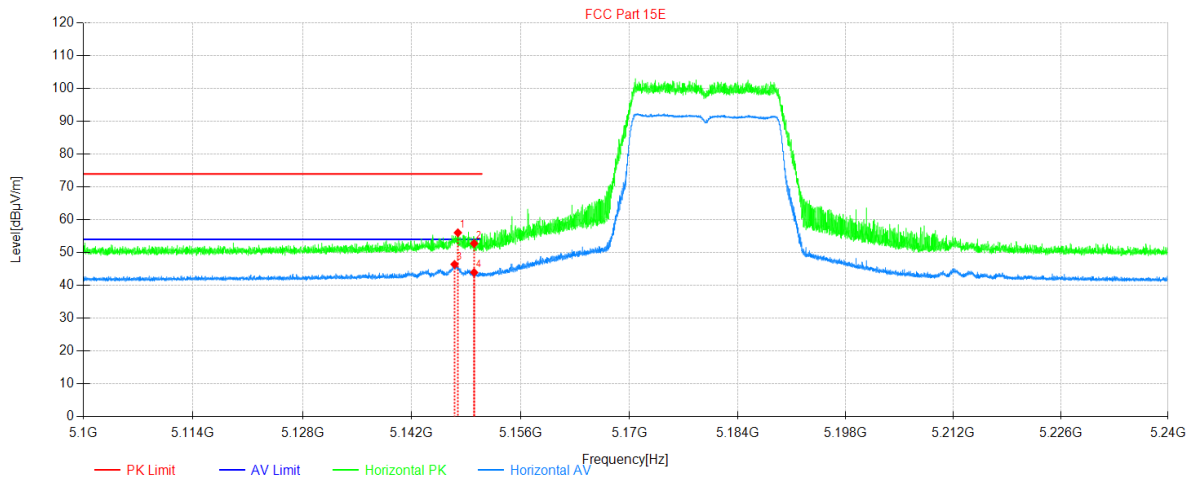
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IEEE 802.11n-ax20_ Channel 36

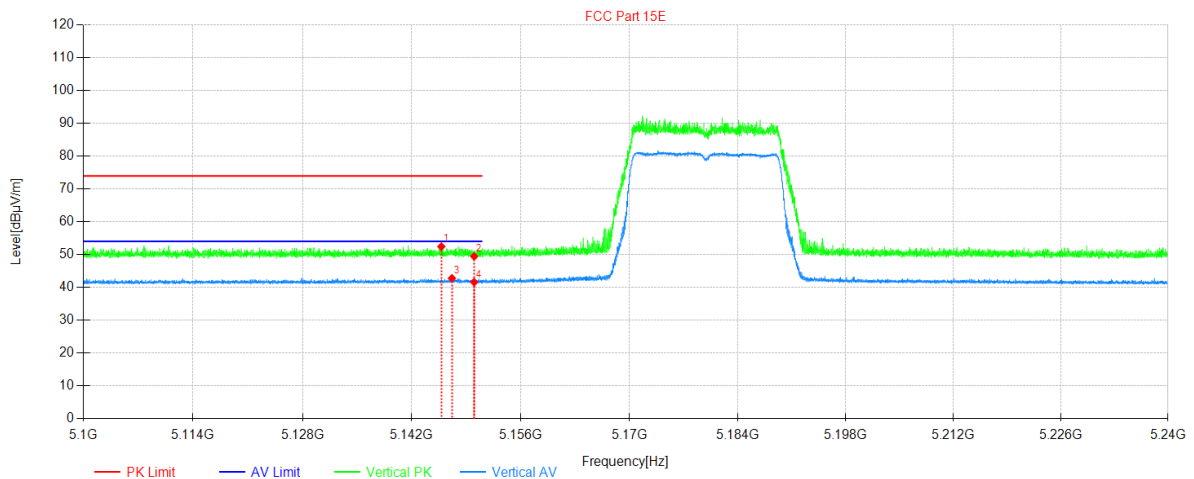
Test Graph



Data List

| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
|-----|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|------------|---------|
| 1 | 5147.9268 | 51.04 | 5.01 | 56.05 | 74.00 | 17.95 | 150 | 358 | PK | Horizontal | PASS |
| 2 | 5150.013 | 47.77 | 5.01 | 52.78 | 74.00 | 21.22 | 150 | 352 | PK | Horizontal | PASS |
| 3 | 5147.4927 | 41.41 | 5.00 | 46.41 | 54.00 | 7.59 | 150 | 358 | AV | Horizontal | PASS |
| 4 | 5150.013 | 38.93 | 5.01 | 43.94 | 54.00 | 10.06 | 150 | 35 | AV | Horizontal | PASS |

Test Graph



Data List

| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
|-----|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|----------|---------|
| 1 | 5145.7986 | 47.44 | 5.00 | 52.44 | 74.00 | 21.56 | 150 | 67 | PK | Vertical | PASS |
| 2 | 5150.013 | 44.44 | 5.01 | 49.45 | 74.00 | 24.55 | 150 | 75 | PK | Vertical | PASS |
| 3 | 5147.1567 | 37.77 | 5.00 | 42.77 | 54.00 | 11.23 | 150 | 59 | AV | Vertical | PASS |
| 4 | 5150.013 | 36.58 | 5.01 | 41.59 | 54.00 | 12.41 | 150 | 208 | AV | Vertical | PASS |

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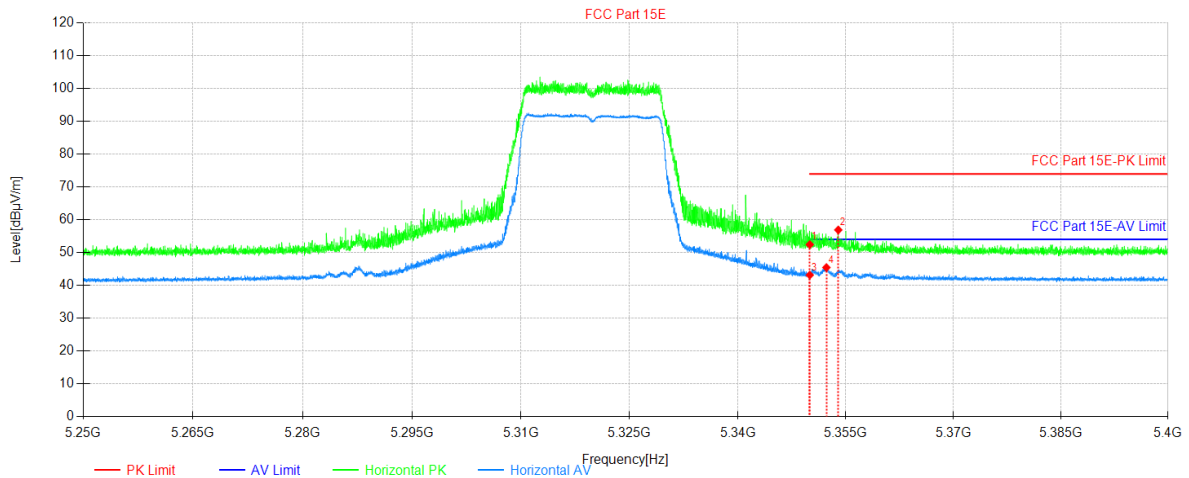
E-mail: info@uttlab.com

<http://www.uttlab.com>

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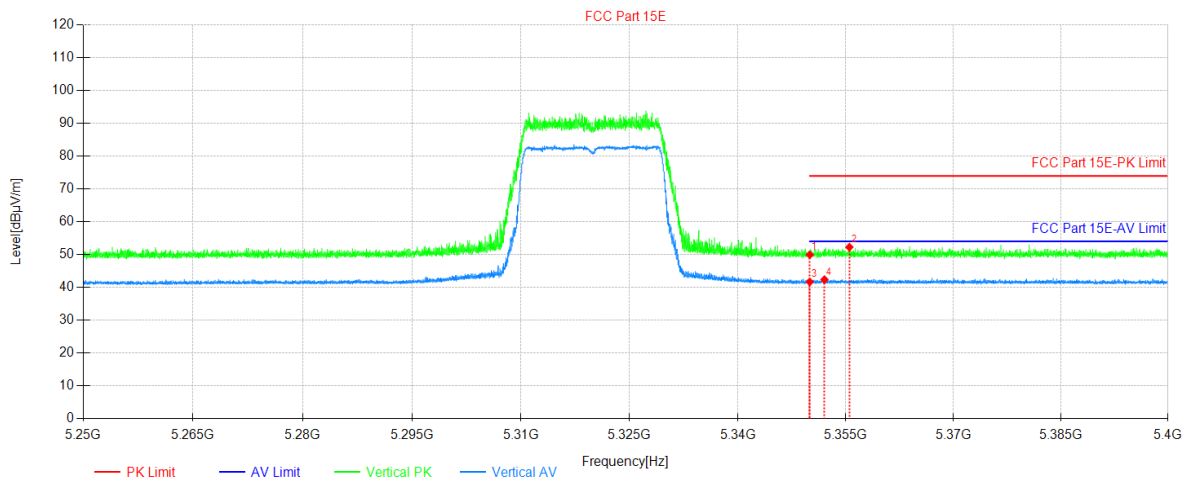
IEEE 802.11n- ax20_ Channel 64

Test Graph



| Data List | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|------------|---------|
| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
| 1 | 5350 | 47.28 | 5.15 | 52.43 | 74.00 | 21.57 | 150 | 328 | PK | Horizontal | PASS |
| 2 | 5353.9604 | 51.76 | 5.14 | 56.90 | 74.00 | 17.10 | 150 | 335 | PK | Horizontal | PASS |
| 3 | 5350 | 37.99 | 5.15 | 43.14 | 54.00 | 10.86 | 150 | 328 | AV | Horizontal | PASS |
| 4 | 5352.3102 | 40.28 | 5.15 | 45.43 | 54.00 | 8.57 | 150 | 319 | AV | Horizontal | PASS |

Test Graph



| Data List | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|----------|---------|
| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
| 1 | 5350 | 44.79 | 5.15 | 49.94 | 74.00 | 24.06 | 150 | 355 | PK | Vertical | PASS |
| 2 | 5355.5056 | 47.12 | 5.14 | 52.26 | 74.00 | 21.74 | 150 | 172 | PK | Vertical | PASS |
| 3 | 5350 | 36.51 | 5.15 | 41.66 | 54.00 | 12.34 | 150 | 359 | AV | Vertical | PASS |
| 4 | 5352.0402 | 37.20 | 5.15 | 42.35 | 54.00 | 11.65 | 150 | 340 | AV | Vertical | PASS |

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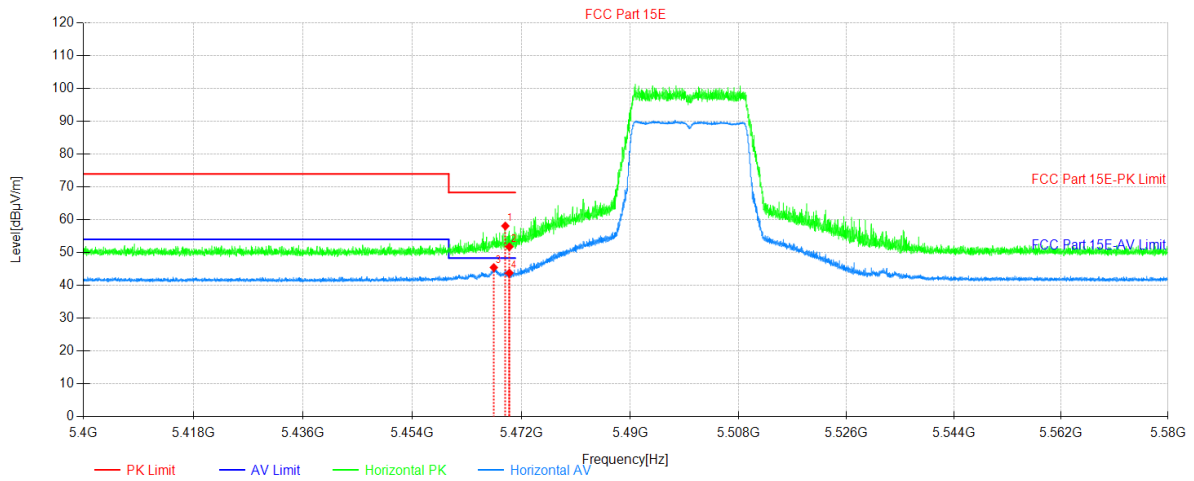
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IEEE 802.11n- ax20_ Channel 100

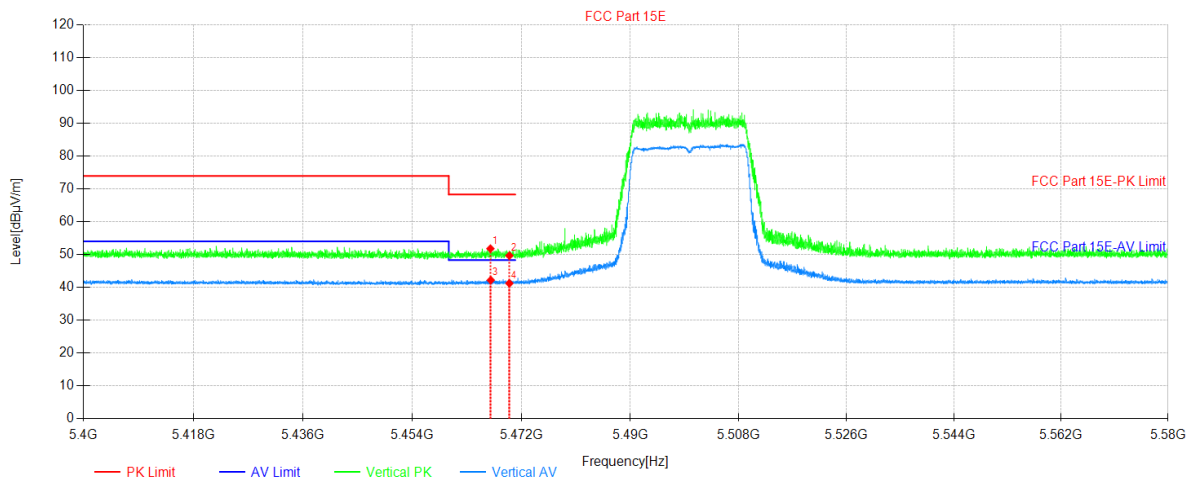
Test Graph



Data List

| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
|-----|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|------------|---------|
| 1 | 5469.3429 | 53.07 | 5.04 | 58.11 | 68.30 | 10.19 | 150 | 35 | PK | Horizontal | PASS |
| 2 | 5470.009 | 46.72 | 5.04 | 51.76 | 68.30 | 16.54 | 150 | 35 | PK | Horizontal | PASS |
| 3 | 5467.4347 | 40.40 | 5.04 | 45.44 | 48.30 | 2.86 | 150 | 3 | AV | Horizontal | PASS |
| 4 | 5470.009 | 38.74 | 5.04 | 43.78 | 48.30 | 4.52 | 150 | 11 | AV | Horizontal | PASS |

Test Graph



Data List

| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
|-----|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|----------|---------|
| 1 | 5466.8767 | 46.76 | 5.04 | 51.80 | 68.30 | 16.50 | 150 | 96 | PK | Vertical | PASS |
| 2 | 5470.009 | 44.64 | 5.04 | 49.68 | 68.30 | 18.62 | 150 | 76 | PK | Vertical | PASS |
| 3 | 5466.9307 | 37.15 | 5.04 | 42.19 | 48.30 | 6.11 | 150 | 225 | AV | Vertical | PASS |
| 4 | 5470.009 | 36.18 | 5.04 | 41.22 | 48.30 | 7.08 | 150 | 76 | AV | Vertical | PASS |

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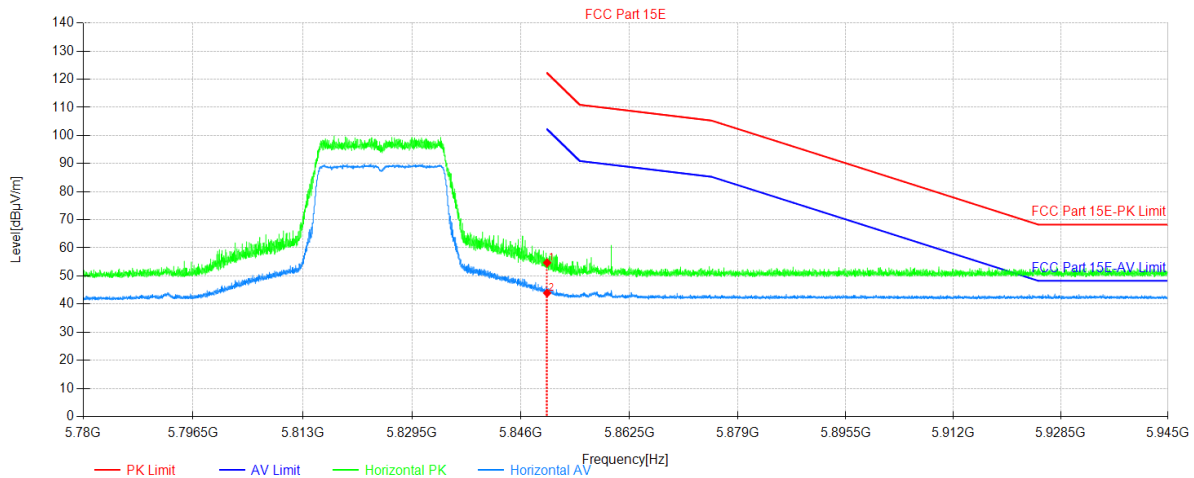
E-mail: info@uttlab.com

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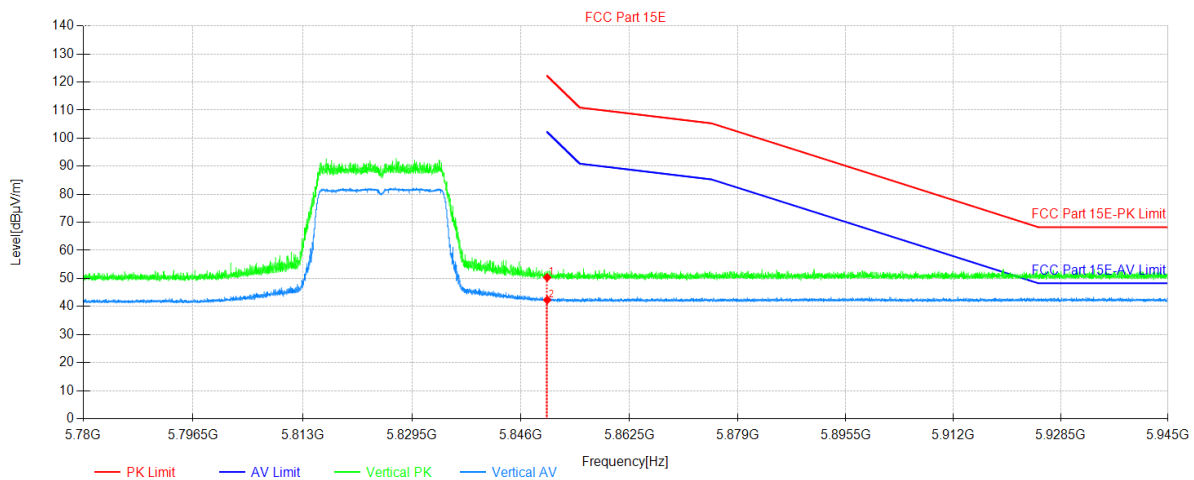
IEEE 802.11n- ax20_ Channel 165

Test Graph



| Data List | | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|------------|---------|--|
| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict | |
| 1 | 5850 | 49.23 | 5.50 | 54.73 | 122.30 | 67.57 | 150 | 3 | PK | Horizontal | PASS | |
| 2 | 5850 | 38.42 | 5.50 | 43.92 | 102.30 | 58.38 | 150 | 3 | AV | Horizontal | PASS | |

Test Graph



| Data List | | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|----------|---------|--|
| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict | |
| 1 | 5850 | 44.86 | 5.50 | 50.36 | 122.30 | 71.94 | 150 | 229 | PK | Vertical | PASS | |
| 2 | 5850 | 36.82 | 5.50 | 42.32 | 102.30 | 59.98 | 150 | 118 | AV | Vertical | PASS | |

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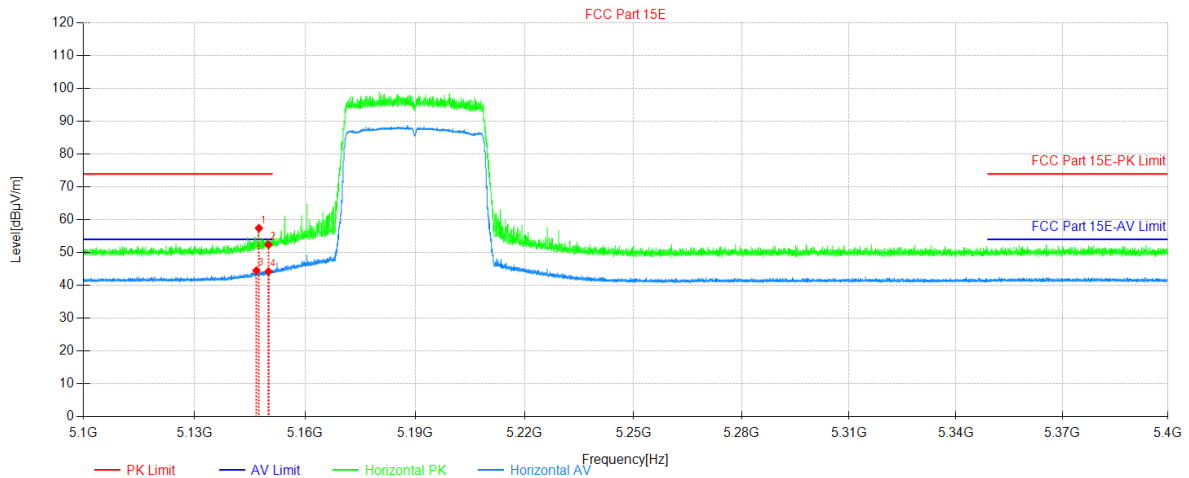
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IEEE 802.11n- ax40_ Channel 38

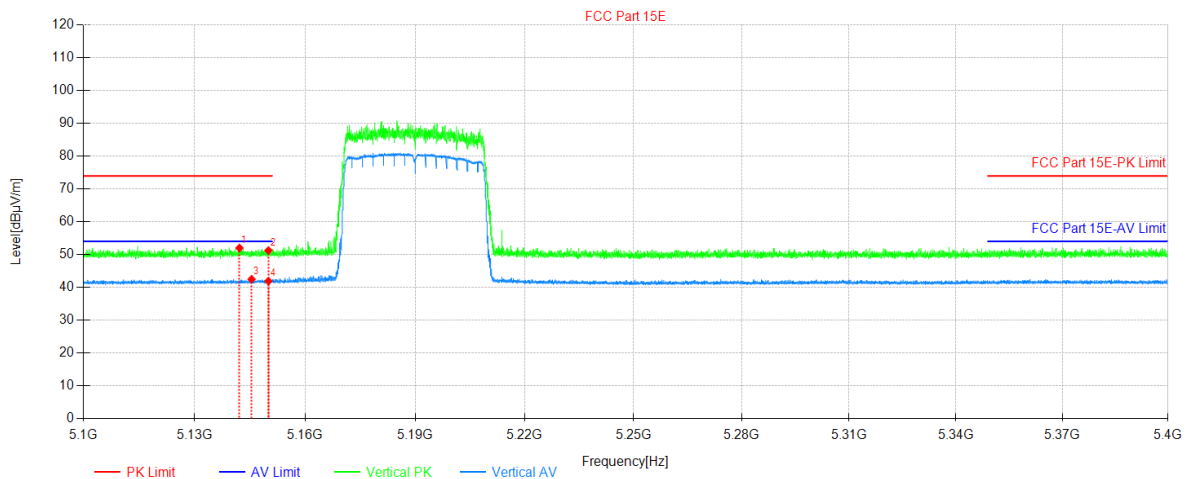
Test Graph



Data List

| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
|-----|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|------------|---------|
| 1 | 5147.4347 | 52.45 | 5.00 | 57.45 | 74.00 | 16.55 | 150 | 44 | PK | Horizontal | PASS |
| 2 | 5150.015 | 47.40 | 5.01 | 52.41 | 74.00 | 21.59 | 150 | 330 | PK | Horizontal | PASS |
| 3 | 5146.7447 | 39.49 | 5.00 | 44.49 | 54.00 | 9.51 | 150 | 320 | AV | Horizontal | PASS |
| 4 | 5150.015 | 39.19 | 5.01 | 44.20 | 54.00 | 9.80 | 150 | 338 | AV | Horizontal | PASS |

Test Graph



Data List

| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
|-----|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|----------|---------|
| 1 | 5142.1542 | 47.01 | 4.98 | 51.99 | 74.00 | 22.01 | 150 | 82 | PK | Vertical | PASS |
| 2 | 5150.015 | 46.24 | 5.01 | 51.25 | 74.00 | 22.75 | 150 | 235 | PK | Vertical | PASS |
| 3 | 5145.4545 | 37.47 | 5.00 | 42.47 | 54.00 | 11.53 | 150 | 45 | AV | Vertical | PASS |
| 4 | 5150.015 | 36.89 | 5.01 | 41.90 | 54.00 | 12.10 | 150 | 126 | AV | Vertical | PASS |

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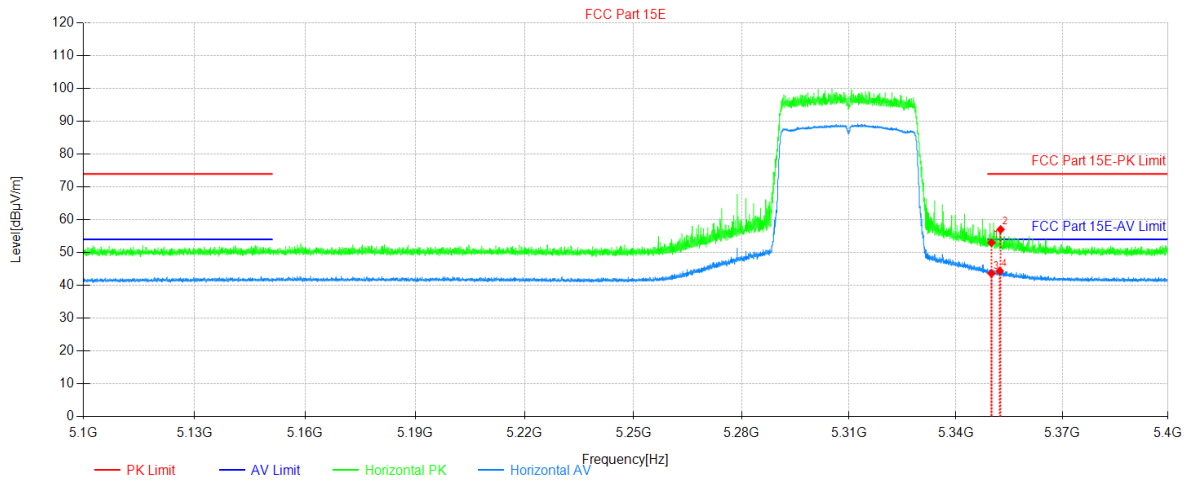
Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

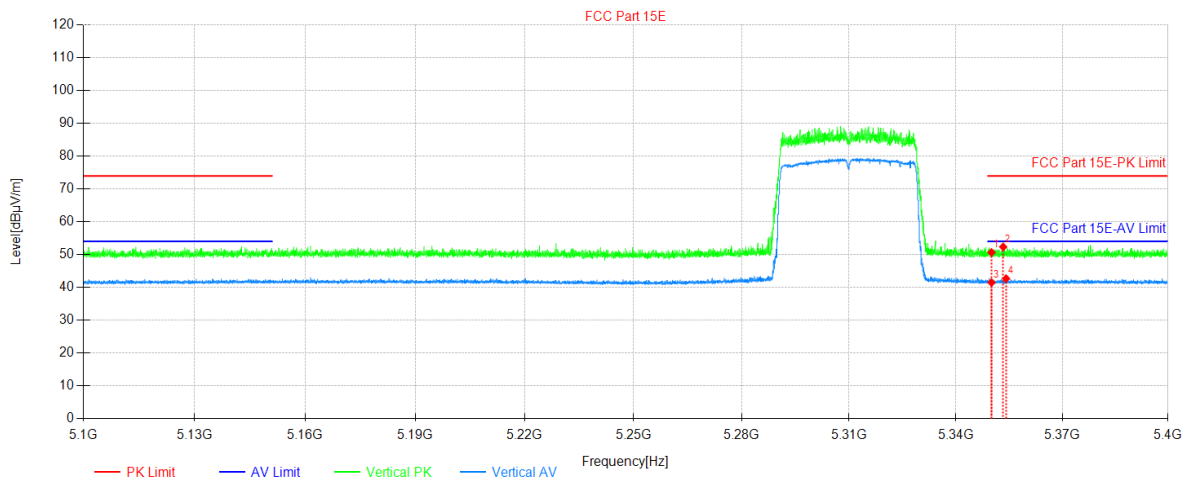
UTTR-RF-RSS247-V1.1

IEEE 802.11n- ax40_ Channel 62
Test Graph



| Data List | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|------------|---------|
| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
| 1 | 5350.015 | 47.89 | 5.15 | 53.04 | 74.00 | 20.96 | 150 | 358 | PK | Horizontal | PASS |
| 2 | 5352.5953 | 51.90 | 5.15 | 57.05 | 74.00 | 16.95 | 150 | 350 | PK | Horizontal | PASS |
| 3 | 5350.015 | 38.47 | 5.15 | 43.62 | 54.00 | 10.38 | 150 | 358 | AV | Horizontal | PASS |
| 4 | 5352.3552 | 39.21 | 5.15 | 44.36 | 54.00 | 9.64 | 150 | 332 | AV | Horizontal | PASS |

Test Graph



| Data List | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|----------|---------|
| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict |
| 1 | 5350.015 | 45.49 | 5.15 | 50.64 | 74.00 | 23.36 | 150 | 332 | PK | Vertical | PASS |
| 2 | 5353.3153 | 47.20 | 5.14 | 52.34 | 74.00 | 21.66 | 150 | 224 | PK | Vertical | PASS |
| 3 | 5350.015 | 36.32 | 5.15 | 41.47 | 54.00 | 12.53 | 150 | 138 | AV | Vertical | PASS |
| 4 | 5354.1254 | 37.52 | 5.14 | 42.66 | 54.00 | 11.34 | 150 | 58 | AV | Vertical | PASS |

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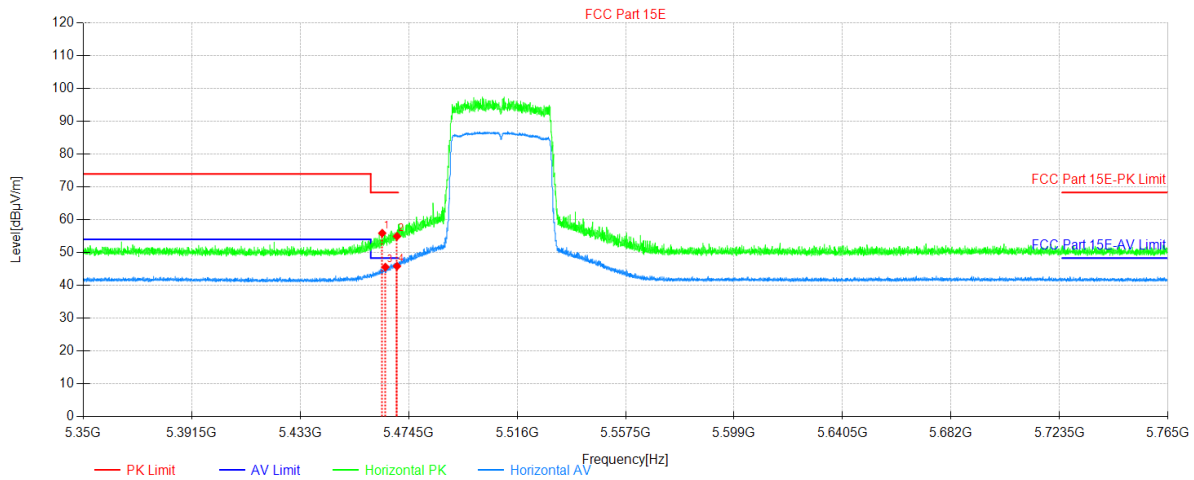
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E-mail: info@uttlab.com

<http://www.uttlab.com>

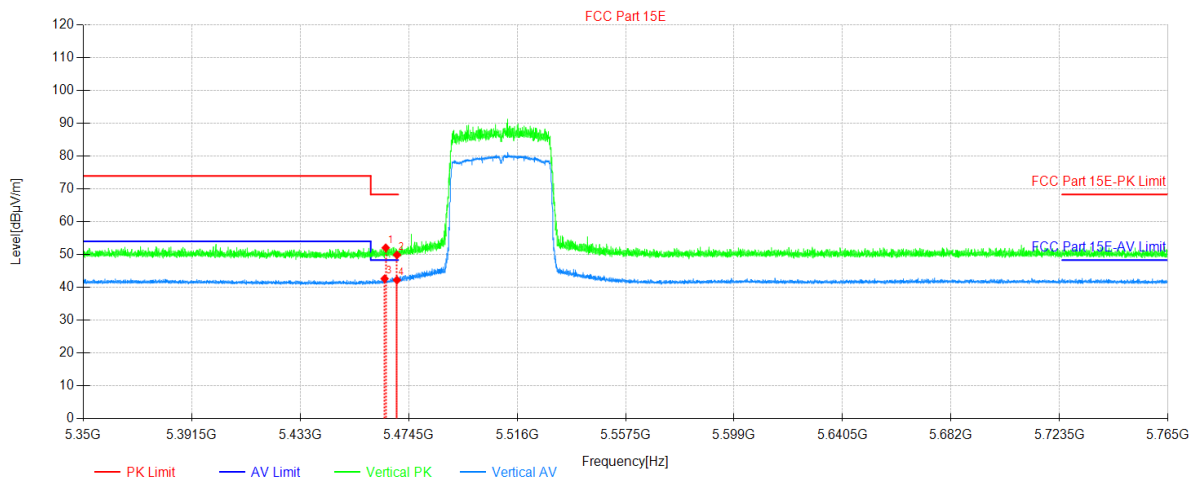
UTTR-RF-RSS247-V1.1

IEEE 802.11n- ax40_ Channel 102
Test Graph



| Data List | | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|------------|---------|--|
| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict | |
| 1 | 5464.3854 | 50.87 | 5.04 | 55.91 | 68.30 | 12.39 | 150 | 334 | PK | Horizontal | PASS | |
| 2 | 5470.03 | 49.92 | 5.04 | 54.96 | 68.30 | 13.34 | 150 | 60 | PK | Horizontal | PASS | |
| 3 | 5465.5891 | 40.54 | 5.04 | 45.58 | 48.30 | 2.72 | 150 | 60 | AV | Horizontal | PASS | |
| 4 | 5470.03 | 40.82 | 5.04 | 45.86 | 48.30 | 2.44 | 150 | 3 | AV | Horizontal | PASS | |

Test Graph



| Data List | | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|----------|---------|--|
| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict | |
| 1 | 5465.7136 | 47.03 | 5.04 | 52.07 | 68.30 | 16.23 | 150 | 1 | PK | Vertical | PASS | |
| 2 | 5470.03 | 44.85 | 5.04 | 49.89 | 68.30 | 18.41 | 150 | 85 | PK | Vertical | PASS | |
| 3 | 5465.2985 | 37.61 | 5.04 | 42.65 | 48.30 | 5.65 | 150 | 228 | AV | Vertical | PASS | |
| 4 | 5470.03 | 37.17 | 5.04 | 42.21 | 48.30 | 6.09 | 150 | 76 | AV | Vertical | PASS | |

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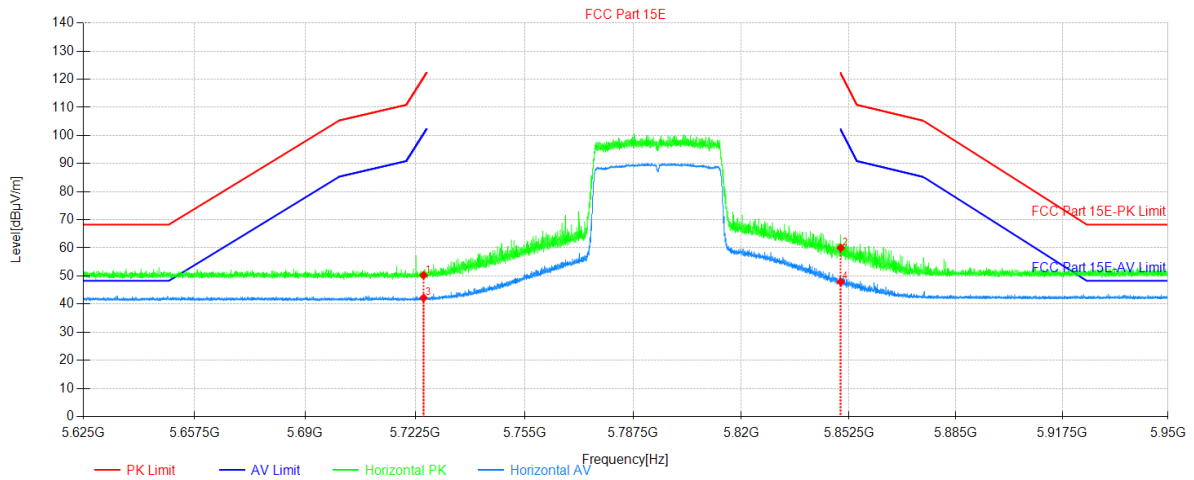
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E-mail: info@uttlab.com

<http://www.uttlab.com>

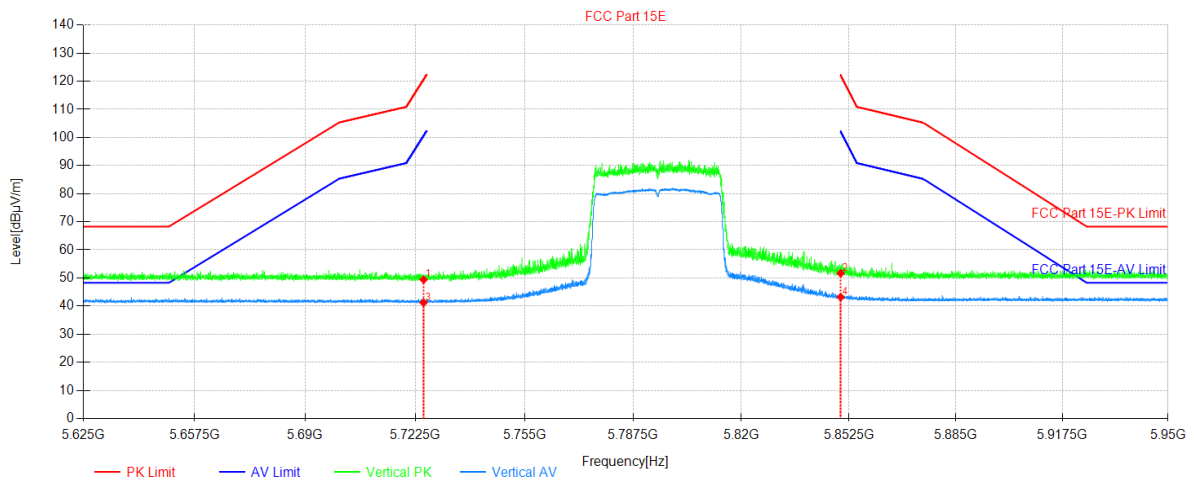
UTTR-RF-RSS247-V1.1

IEEE 802.11n- ax40_ Channel 159
Test Graph



| Data List | | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|------------|---------|--|
| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict | |
| 1 | 5725.0125 | 45.04 | 5.21 | 50.25 | 120.42 | 70.17 | 150 | 354 | PK | Horizontal | PASS | |
| 2 | 5850.02 | 54.49 | 5.50 | 59.99 | 122.25 | 62.26 | 150 | 346 | PK | Horizontal | PASS | |
| 3 | 5725.0125 | 37.00 | 5.21 | 42.21 | 100.42 | 58.21 | 150 | 30 | AV | Horizontal | PASS | |
| 4 | 5850.02 | 42.42 | 5.50 | 47.92 | 102.25 | 54.33 | 150 | 30 | AV | Horizontal | PASS | |

Test Graph



| Data List | | | | | | | | | | | | |
|-----------|-------------|----------------|-----------------------|----------------|----------------|-------------|-------------|-----------|----------|----------|---------|--|
| NO. | Freq. [MHz] | Reading [dBµV] | Correct Factor [dB/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Detector | Polarity | Verdict | |
| 1 | 5725.0125 | 44.20 | 5.21 | 49.41 | 120.42 | 71.01 | 150 | 121 | PK | Vertical | PASS | |
| 2 | 5850.02 | 46.17 | 5.50 | 51.67 | 122.25 | 70.58 | 150 | 7 | PK | Vertical | PASS | |
| 3 | 5725.0125 | 36.03 | 5.21 | 41.24 | 100.42 | 59.18 | 150 | 262 | AV | Vertical | PASS | |
| 4 | 5850.02 | 37.71 | 5.50 | 43.21 | 102.25 | 59.04 | 150 | 105 | AV | Vertical | PASS | |

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Remark:

1. Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain, the value was added to Original Receiver Reading by the software automatically.
2. Result = Reading + Correct Factor.
3. Margin = Limit - Result
4. For Radiated Emission above 18GHz, there was not any unwanted emission detected.
5. The testing of Radiated Emissions was performed in Dongguan DN Testing Co., Ltd.



APPENDIX 1 PHOTOS OF TEST SETUP

See test photos attached in Appendix 1 for the actual connections between Product and support equipment.

APPENDIX 2 PHOTOS OF EUT CONSTRUCTIONAL DETAILS

Refer to Appendix 2 for EUT external and internal photos.

*** End of Report ***

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