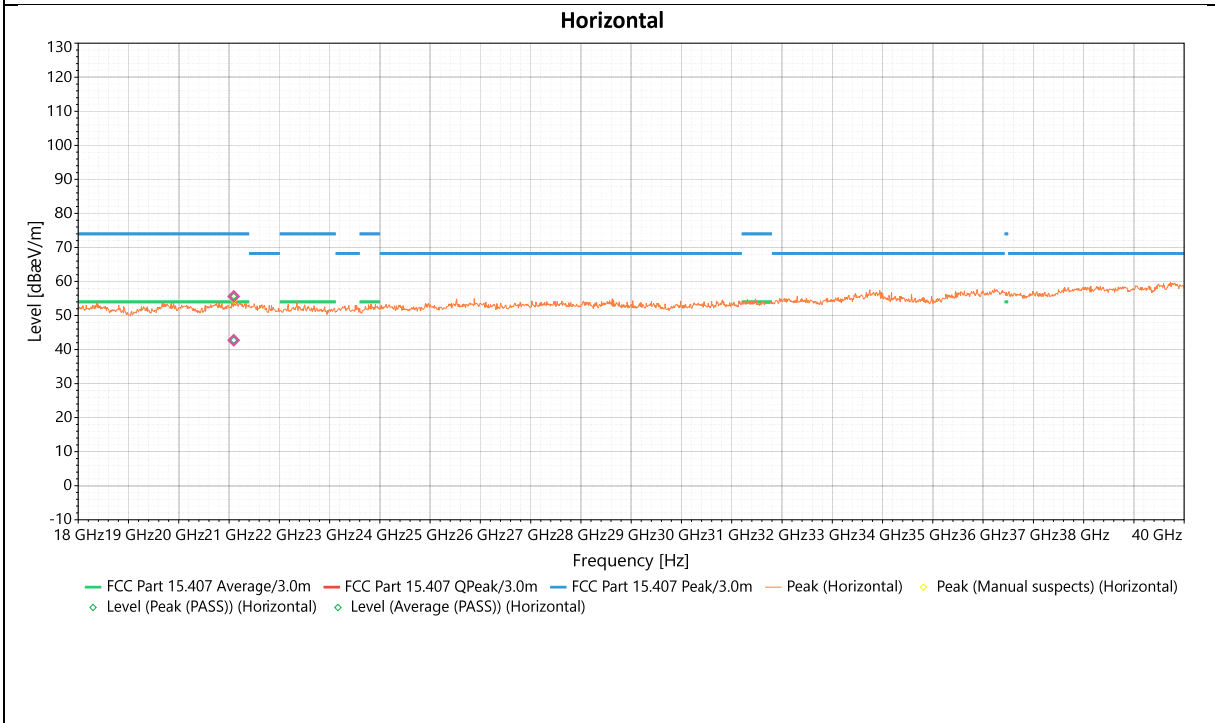
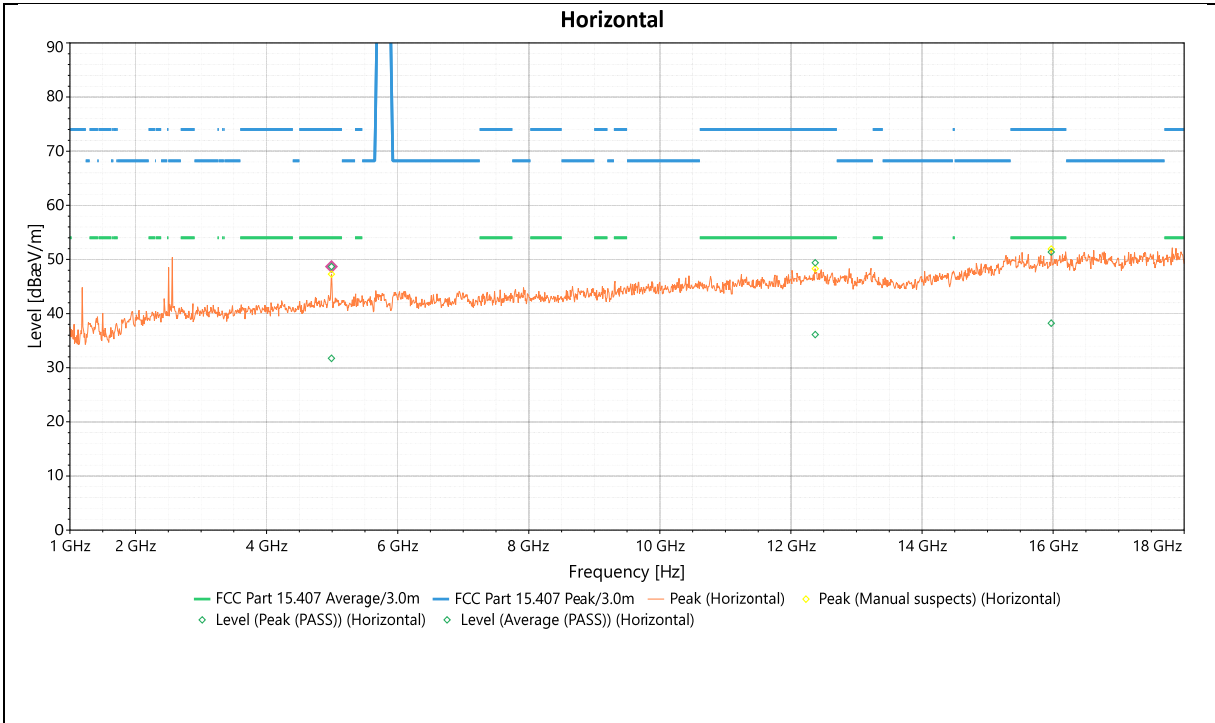


|                 |                       |                      |              |
|-----------------|-----------------------|----------------------|--------------|
| Frequency       | 802.11N HT20 5745 MHz | DETECTOR<br>FUNCTION | Prak/Average |
| FREQUENCY RANGE | 1GHz-40GHz            |                      |              |

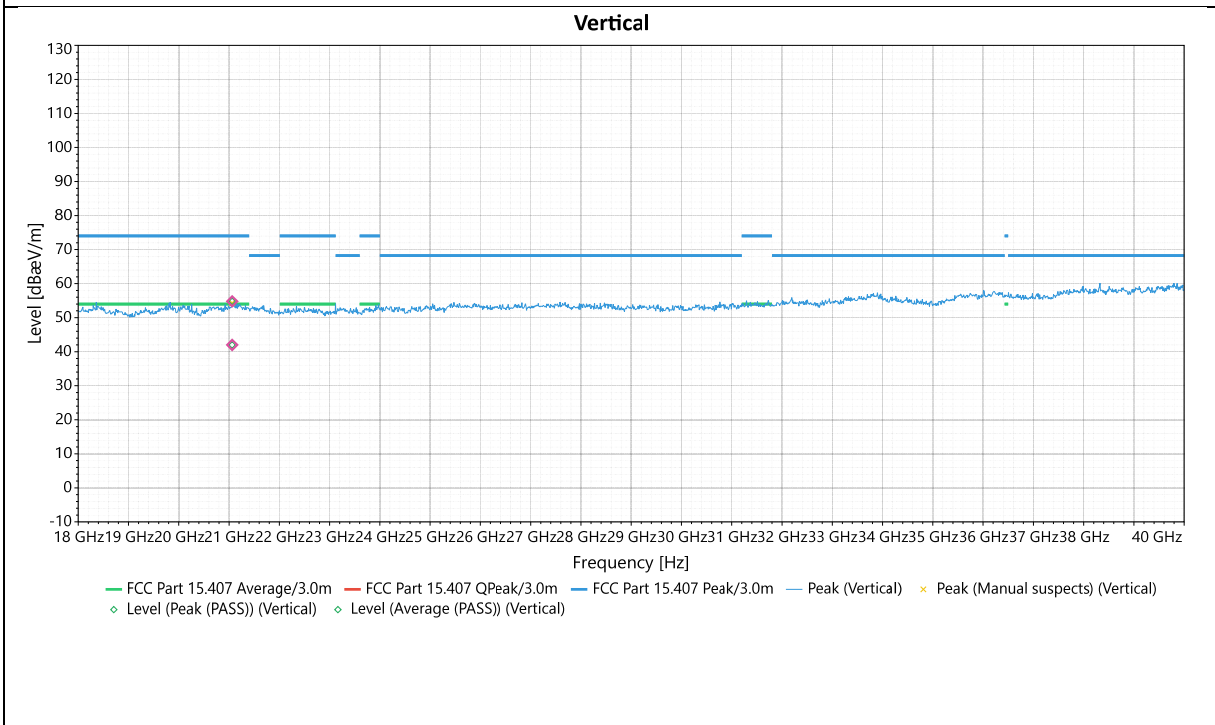
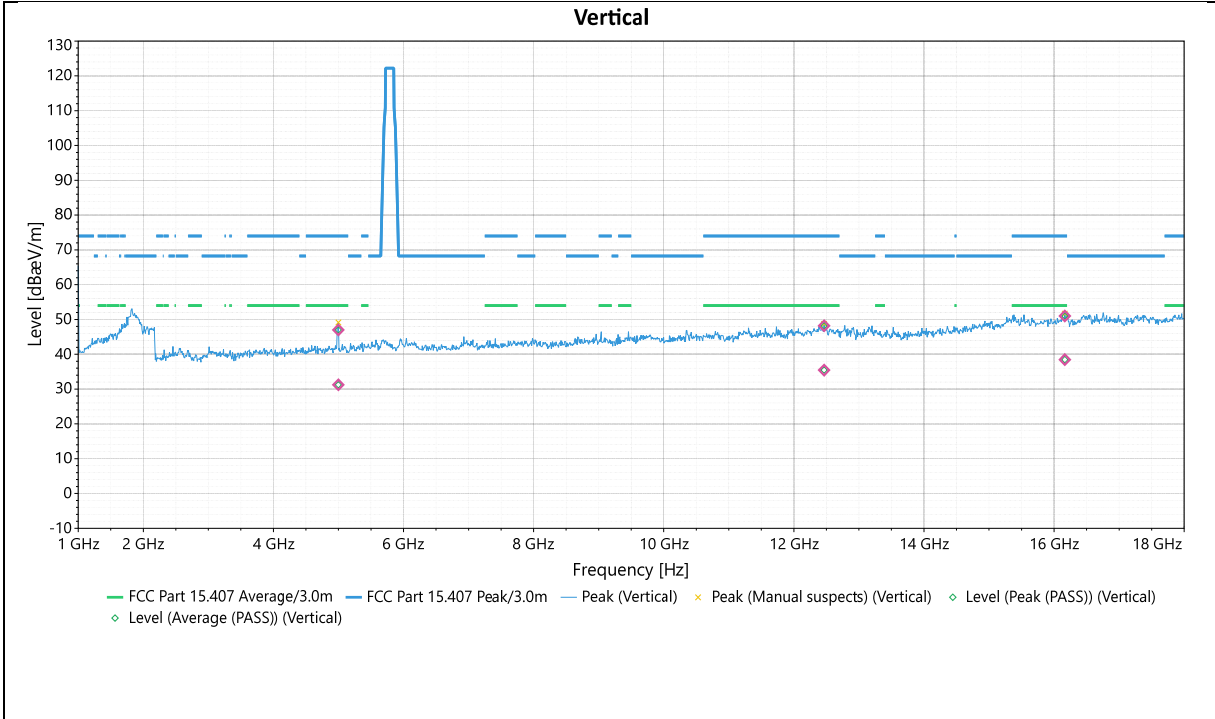


| Antenna Polarity & Test Distance: Vertical at 3m |                 |              |                  |                |             |            |             |                  |                      |
|--------------------------------------------------|-----------------|--------------|------------------|----------------|-------------|------------|-------------|------------------|----------------------|
| No.                                              | Frequency (MHz) | Polarization | Level [dB(uV/m)] | Limit dB(uV/m) | Margin [dB] | Height (m) | Angle (Deg) | Factor [dB(1/m)] | Measure Type/ Result |
| 1                                                | 4989.867        | Horizontal   | 48.694           | 74             | -25.306     | 1          | 316         | 1.32             | Peak (PASS)          |
| 2                                                | 4989.867        | Horizontal   | 31.733           | 54             | -22.267     | 1          | 316         | 1.32             | Average (PASS)       |
| 3                                                | 12371.25        | Horizontal   | 49.402           | 74             | -24.598     | 3.74       | 173         | 3.92             | Peak (PASS)          |
| 4                                                | 12371.25        | Horizontal   | 36.127           | 54             | -17.873     | 3.74       | 173         | 3.92             | Average (PASS)       |
| 5                                                | 15971.9         | Horizontal   | 51.365           | 74             | -22.635     | 4          | 29          | 4.76             | Peak (PASS)          |
| 6                                                | 15971.9         | Horizontal   | 38.23            | 54             | -15.77      | 4          | 29          | 4.76             | Average (PASS)       |
| 7                                                | 21093.1         | Horizontal   | 55.621           | 74             | -18.379     | 1.94       | 100         | 8.49             | Peak (PASS)          |
| 8                                                | 21093.1         | Horizontal   | 42.733           | 54             | -11.267     | 1.94       | 100         | 8.49             | Average (PASS)       |

#### REMARKS:

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

|                 |                       |                      |              |
|-----------------|-----------------------|----------------------|--------------|
| CHANNEL         | 802.11N HT20 5785 MHz | DETECTOR<br>FUNCTION | Prak/Average |
| FREQUENCY RANGE | 1GHz-40GHz            |                      |              |

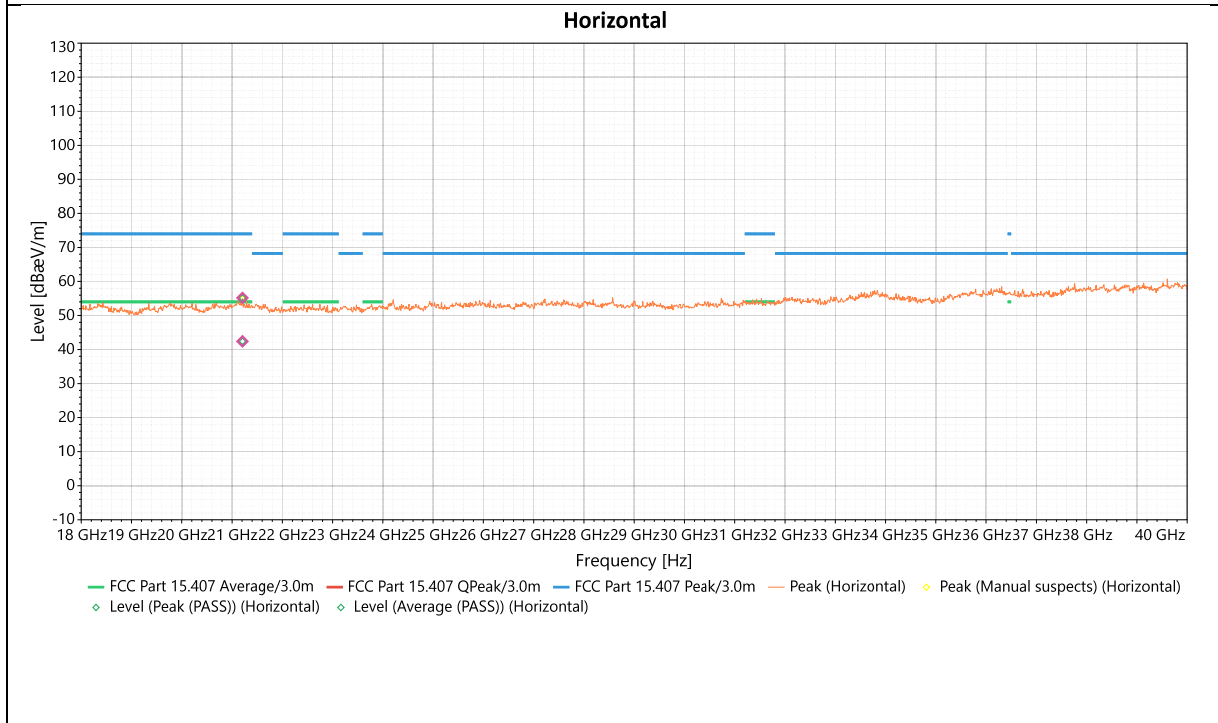
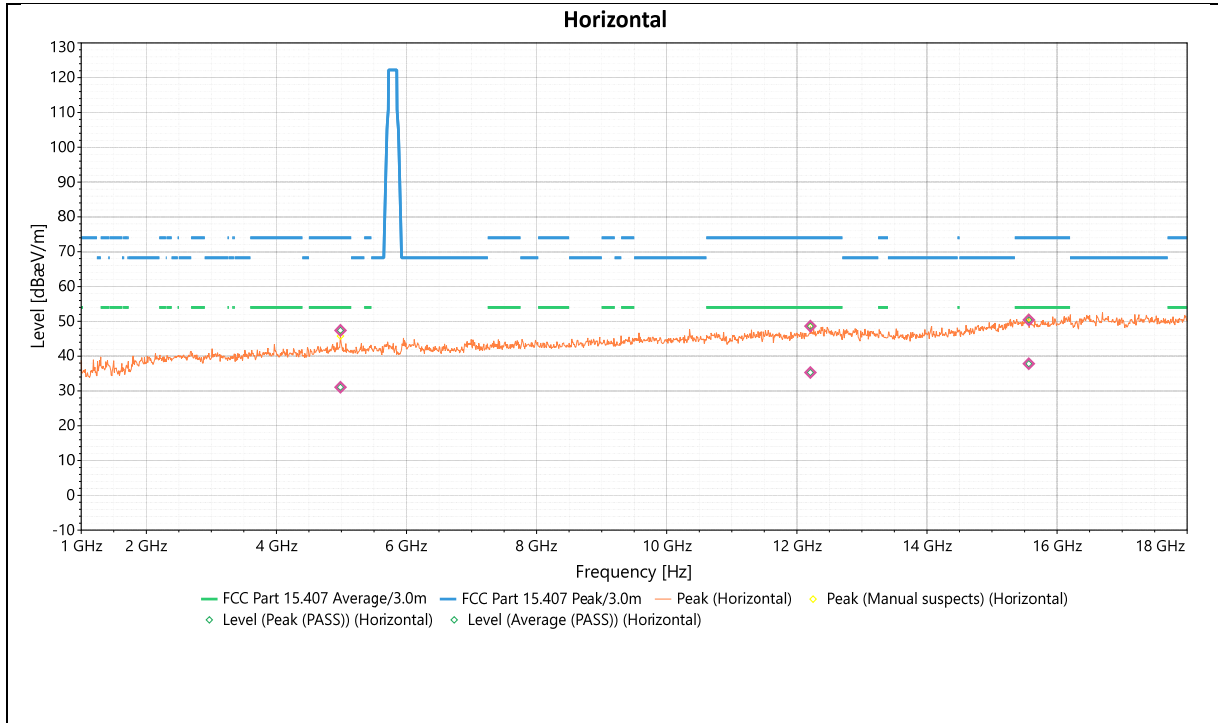


| Antenna Polarity & Test Distance: Vertical at 3m |                 |              |                  |                |             |            |             |                  |                      |
|--------------------------------------------------|-----------------|--------------|------------------|----------------|-------------|------------|-------------|------------------|----------------------|
| No.                                              | Frequency (MHz) | Polarization | Level [dB(uV/m)] | Limit dB(uV/m) | Margin [dB] | Height (m) | Angle (Deg) | Factor [dB(1/m)] | Measure Type/ Result |
| 1                                                | 4998.344        | Vertical     | 47.014           | 74             | -26.986     | 3.13       | 9           | 0.76             | Peak (PASS)          |
| 2                                                | 4998.344        | Vertical     | 31.235           | 54             | -22.765     | 3.13       | 9           | 0.76             | Average (PASS)       |
| 3                                                | 12464.79        | Vertical     | 48.208           | 74             | -25.792     | 1.21       | 125         | 3.84             | Peak (PASS)          |
| 4                                                | 12464.79        | Vertical     | 35.442           | 54             | -18.558     | 1.21       | 125         | 3.84             | Average (PASS)       |
| 5                                                | 16165.71        | Vertical     | 51               | 74             | -23         | 3.46       | 316         | 4.81             | Peak (PASS)          |
| 6                                                | 16165.71        | Vertical     | 38.469           | 54             | -15.531     | 3.46       | 316         | 4.81             | Average (PASS)       |
| 7                                                | 21062.4         | Vertical     | 54.793           | 74             | -19.207     | 2          | 324         | 8.64             | Peak (PASS)          |
| 8                                                | 21062.4         | Vertical     | 41.991           | 54             | -12.009     | 2          | 324         | 8.64             | Average (PASS)       |

**REMARKS:**

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

|                 |                       |                      |              |
|-----------------|-----------------------|----------------------|--------------|
| Frequency       | 802.11N HT20 5785 MHz | DETECTOR<br>FUNCTION | Prak/Average |
| FREQUENCY RANGE | 1GHz-40GHz            |                      |              |

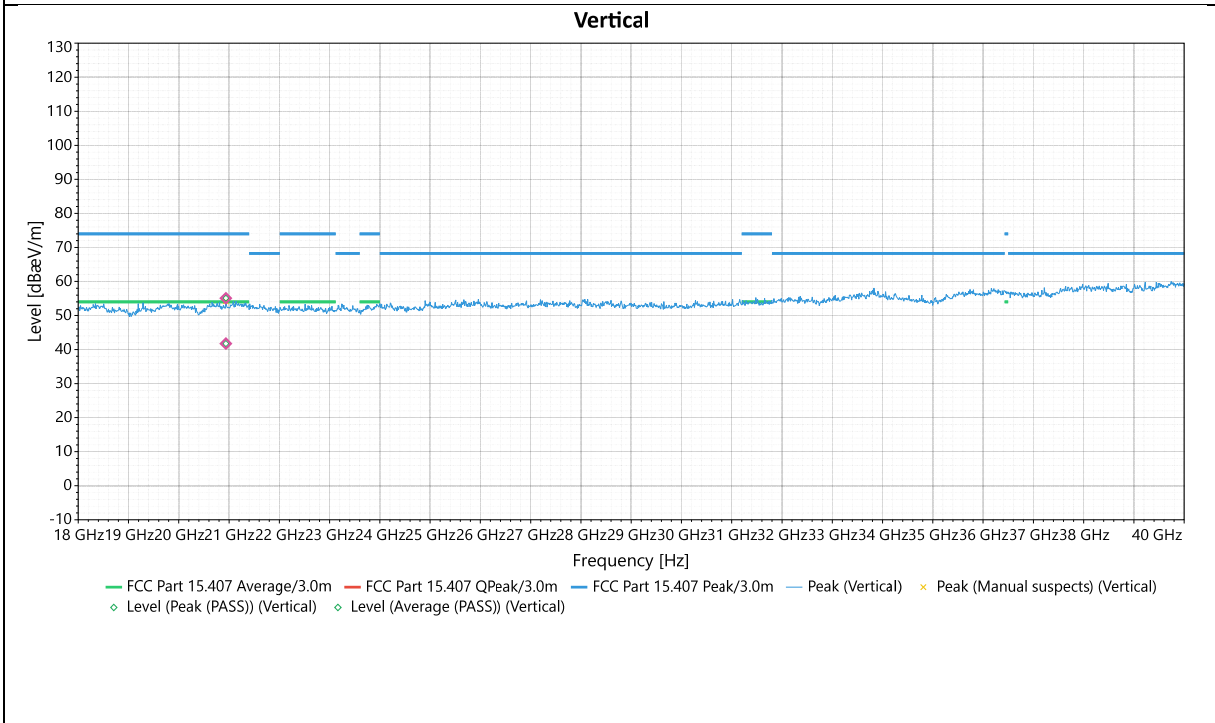
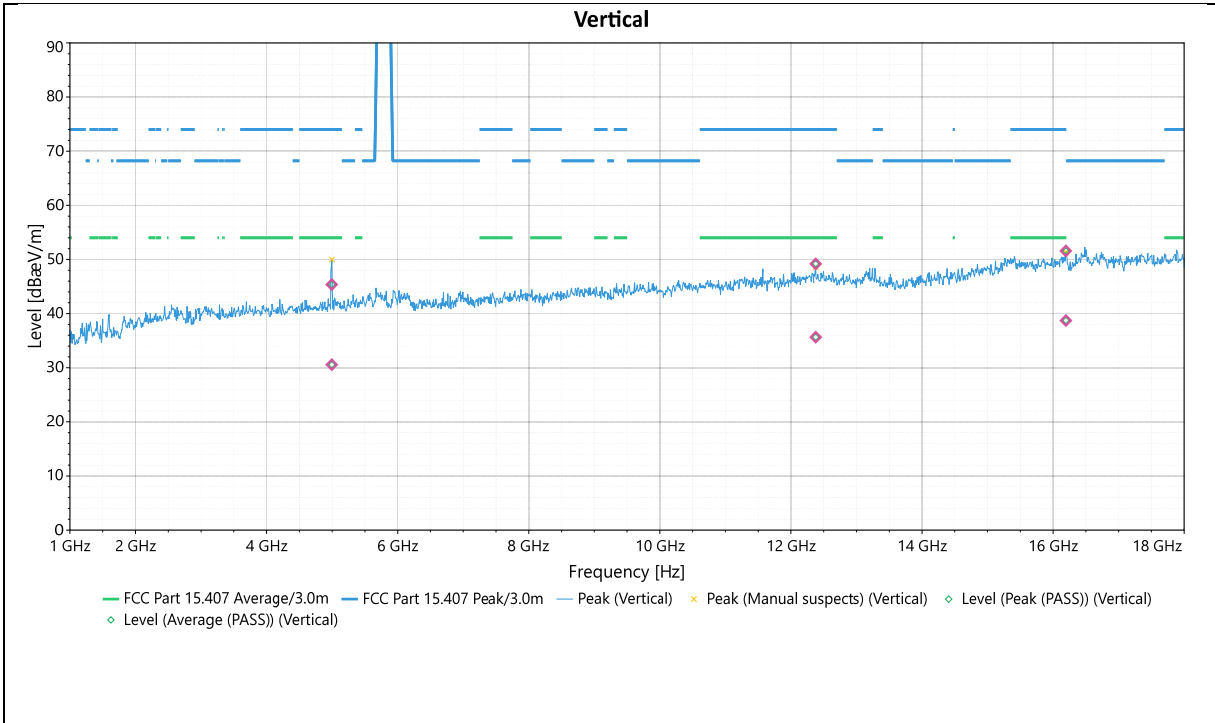


| Antenna Polarity & Test Distance: Vertical at 3m |                 |              |                  |                |             |            |             |                  |                      |
|--------------------------------------------------|-----------------|--------------|------------------|----------------|-------------|------------|-------------|------------------|----------------------|
| No.                                              | Frequency (MHz) | Polarization | Level [dB(uV/m)] | Limit dB(uV/m) | Margin [dB] | Height (m) | Angle (Deg) | Factor [dB(1/m)] | Measure Type/ Result |
| 1                                                | 4984.718        | Horizontal   | 47.404           | 74             | -26.596     | 3.18       | 172         | 1.32             | Peak (PASS)          |
| 2                                                | 4984.718        | Horizontal   | 31.054           | 54             | -22.946     | 3.18       | 172         | 1.32             | Average (PASS)       |
| 3                                                | 12208.01        | Horizontal   | 48.63            | 74             | -25.37      | 1          | 317         | 4.02             | Peak (PASS)          |
| 4                                                | 12208.01        | Horizontal   | 35.296           | 54             | -18.704     | 1          | 317         | 4.02             | Average (PASS)       |
| 5                                                | 15565.59        | Horizontal   | 50.425           | 74             | -23.575     | 1.48       | 357         | 4.5              | Peak (PASS)          |
| 6                                                | 15565.59        | Horizontal   | 37.813           | 54             | -16.187     | 1.48       | 357         | 4.5              | Average (PASS)       |
| 7                                                | 21207.5         | Horizontal   | 55.179           | 74             | -18.821     | 1.14       | 271         | 8.36             | Peak (PASS)          |
| 8                                                | 21207.5         | Horizontal   | 42.403           | 54             | -11.597     | 1.14       | 271         | 8.36             | Average (PASS)       |

#### REMARKS:

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

|                        |                       |                              |              |
|------------------------|-----------------------|------------------------------|--------------|
| <b>CHANNEL</b>         | 802.11N HT20 5825 MHz | <b>DETECTOR<br/>FUNCTION</b> | Prak/Average |
| <b>FREQUENCY RANGE</b> | 1GHz-40GHz            |                              |              |

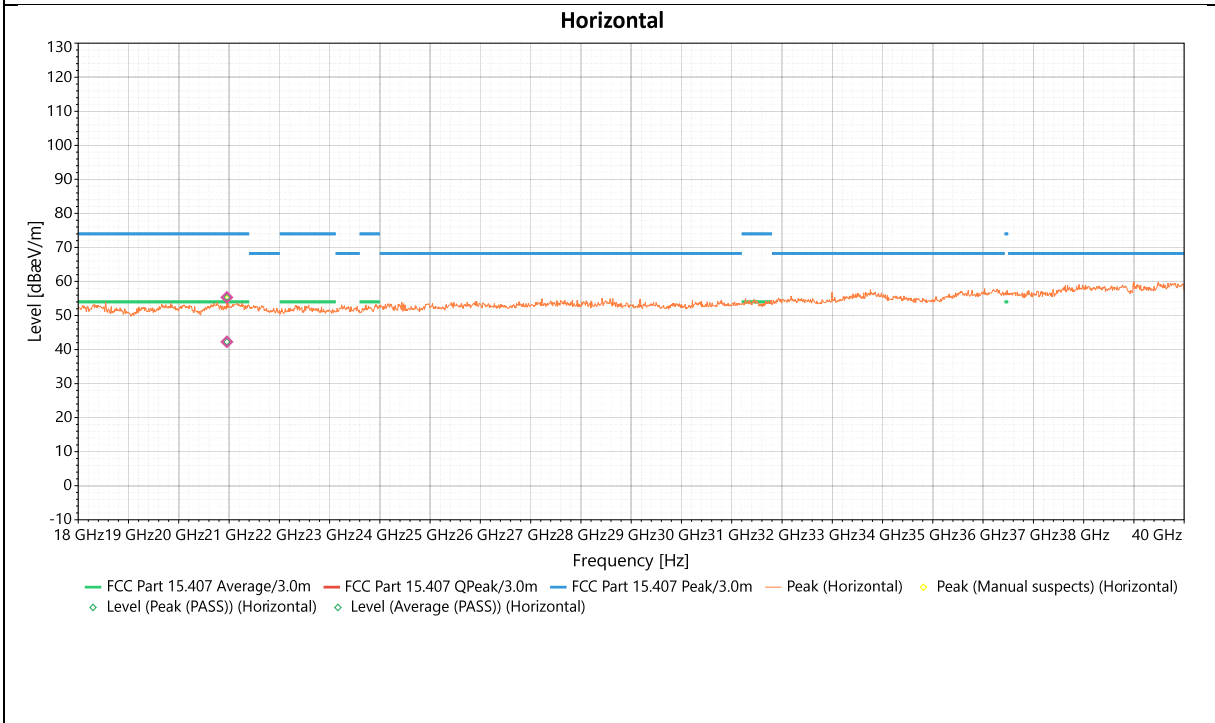
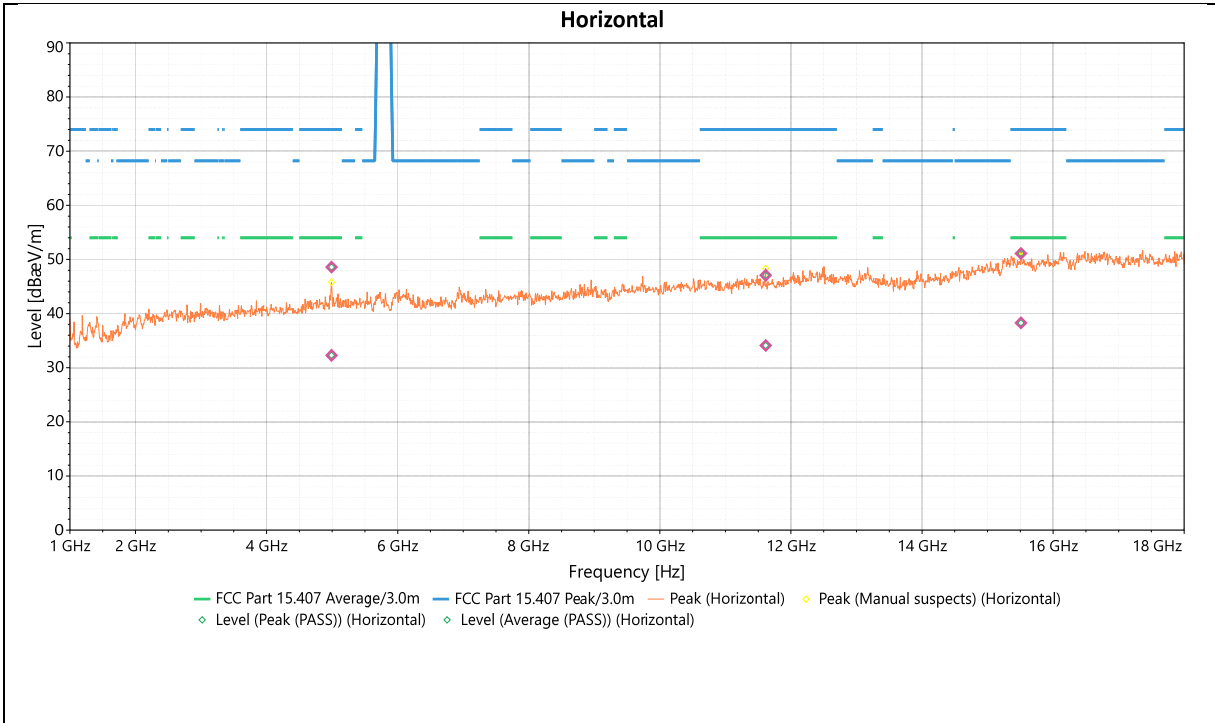


| Antenna Polarity & Test Distance: Vertical at 3m |                 |              |                  |                |             |            |             |                  |                      |
|--------------------------------------------------|-----------------|--------------|------------------|----------------|-------------|------------|-------------|------------------|----------------------|
| No.                                              | Frequency (MHz) | Polarization | Level [dB(uV/m)] | Limit dB(uV/m) | Margin [dB] | Height (m) | Angle (Deg) | Factor [dB(1/m)] | Measure Type/ Result |
| 1                                                | 4994.972        | Vertical     | 45.369           | 74             | -28.631     | 3.17       | 59          | 0.76             | Peak (PASS)          |
| 2                                                | 4994.972        | Vertical     | 30.557           | 54             | -23.443     | 3.17       | 59          | 0.76             | Average (PASS)       |
| 3                                                | 12378.08        | Vertical     | 49.176           | 74             | -24.824     | 1          | 0           | 3.82             | Peak (PASS)          |
| 4                                                | 12378.08        | Vertical     | 35.653           | 54             | -18.347     | 1          | 0           | 3.82             | Average (PASS)       |
| 5                                                | 16194.57        | Vertical     | 51.568           | 74             | -22.432     | 3.74       | 0           | 4.8              | Peak (PASS)          |
| 6                                                | 16194.57        | Vertical     | 38.709           | 54             | -15.291     | 3.74       | 0           | 4.8              | Average (PASS)       |
| 7                                                | 20937.06        | Vertical     | 55.072           | 74             | -18.928     | 1.02       | 223         | 8.6              | Peak (PASS)          |
| 8                                                | 20937.06        | Vertical     | 41.748           | 54             | -12.252     | 1.02       | 223         | 8.6              | Average (PASS)       |

REMARKS:

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

|                 |                       |                      |              |
|-----------------|-----------------------|----------------------|--------------|
| Frequency       | 802.11N HT20 5825 MHz | DETECTOR<br>FUNCTION | Prak/Average |
| FREQUENCY RANGE | 1GHz-40GHz            |                      |              |

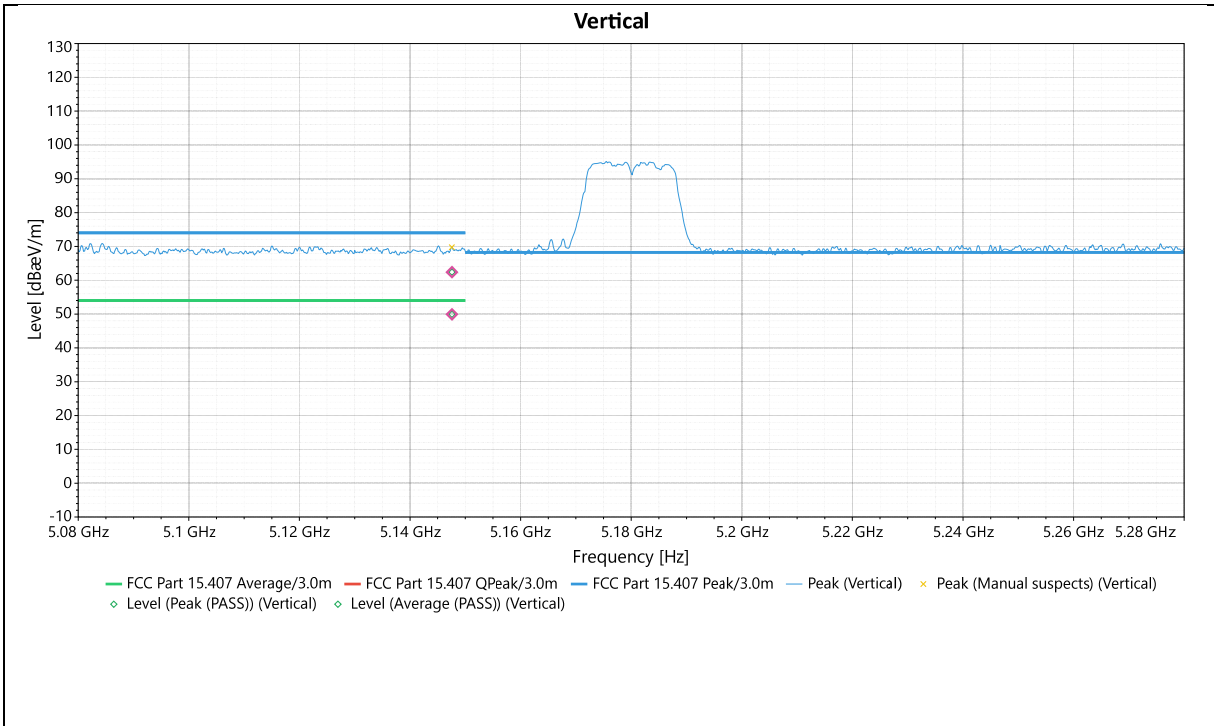


| Antenna Polarity & Test Distance: Vertical at 3m |                 |              |                  |                |             |            |             |                  |                      |
|--------------------------------------------------|-----------------|--------------|------------------|----------------|-------------|------------|-------------|------------------|----------------------|
| No.                                              | Frequency (MHz) | Polarization | Level [dB(uV/m)] | Limit dB(uV/m) | Margin [dB] | Height (m) | Angle (Deg) | Factor [dB(1/m)] | Measure Type/ Result |
| 1                                                | 4991.609        | Horizontal   | 48.588           | 74             | -25.412     | 1.49       | 268         | 1.32             | Peak (PASS)          |
| 2                                                | 4991.609        | Horizontal   | 32.29            | 54             | -21.71      | 1.49       | 268         | 1.32             | Average (PASS)       |
| 3                                                | 11614.71        | Horizontal   | 47.065           | 74             | -26.935     | 3.74       | 77          | 3.44             | Peak (PASS)          |
| 4                                                | 11614.71        | Horizontal   | 34.101           | 54             | -19.899     | 3.74       | 77          | 3.44             | Average (PASS)       |
| 5                                                | 15509.5         | Horizontal   | 51.096           | 74             | -22.904     | 1.49       | 317         | 4.53             | Peak (PASS)          |
| 6                                                | 15509.5         | Horizontal   | 38.292           | 54             | -15.708     | 1.49       | 317         | 4.53             | Average (PASS)       |
| 7                                                | 20956.7         | Horizontal   | 55.337           | 74             | -18.663     | 1.75       | 164         | 8.52             | Peak (PASS)          |
| 8                                                | 20956.7         | Horizontal   | 42.272           | 54             | -11.728     | 1.75       | 164         | 8.52             | Average (PASS)       |

#### REMARKS:

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

RESTRICTED BAND Test Plots  
802.11a – 5180MHz

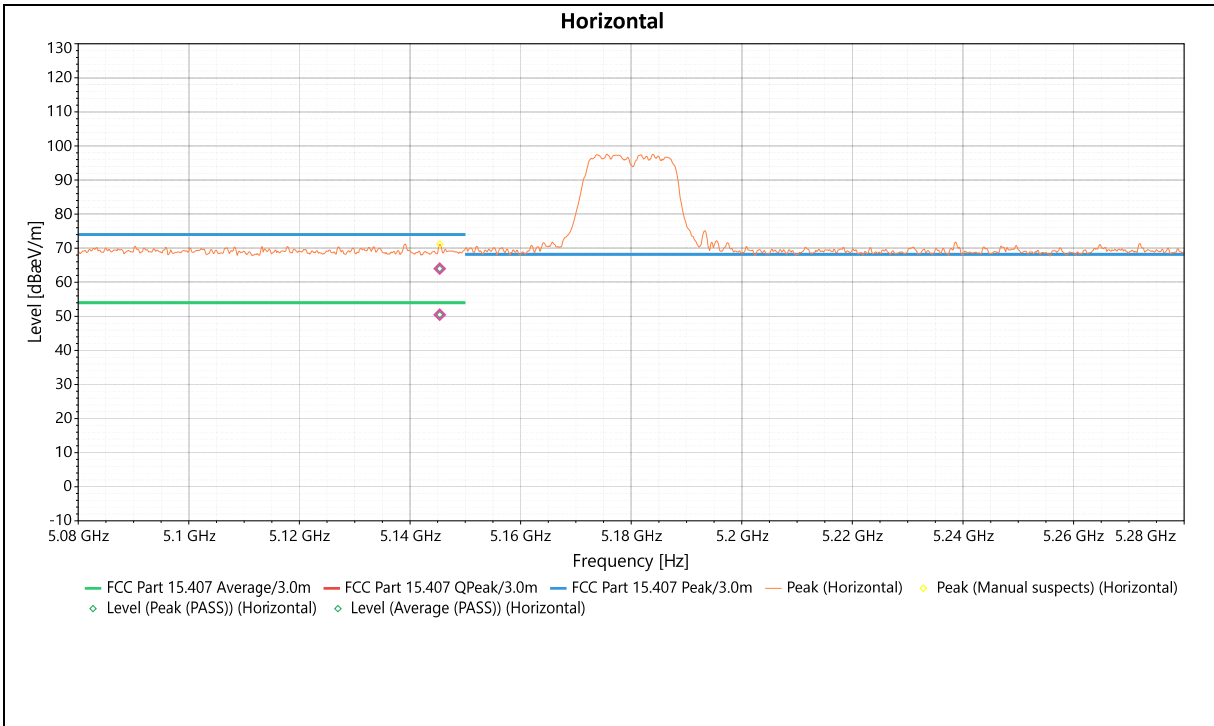


| Antenna Polarity & Test Distance: Vertical at 3m |                 |              |                  |                |             |            |             |                  |                      |
|--------------------------------------------------|-----------------|--------------|------------------|----------------|-------------|------------|-------------|------------------|----------------------|
| No.                                              | Frequency (MHz) | Polarization | Level [dB(uV/m)] | Limit dB(uV/m) | Margin [dB] | Height (m) | Angle (Deg) | Factor [dB(1/m)] | Measure Type/ Result |
| 1                                                | 5147.582        | Vertical     | 62.4             | 74             | -11.6       | 3.74       | 29          | 39.24            | Peak (PASS)          |
| 2                                                | 5147.582        | Vertical     | 49.923           | 54             | -4.077      | 3.74       | 29          | 39.24            | Average (PASS)       |

**REMARKS:**

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

RESTRICTED BAND Test Plots  
802.11a – 5180MHz

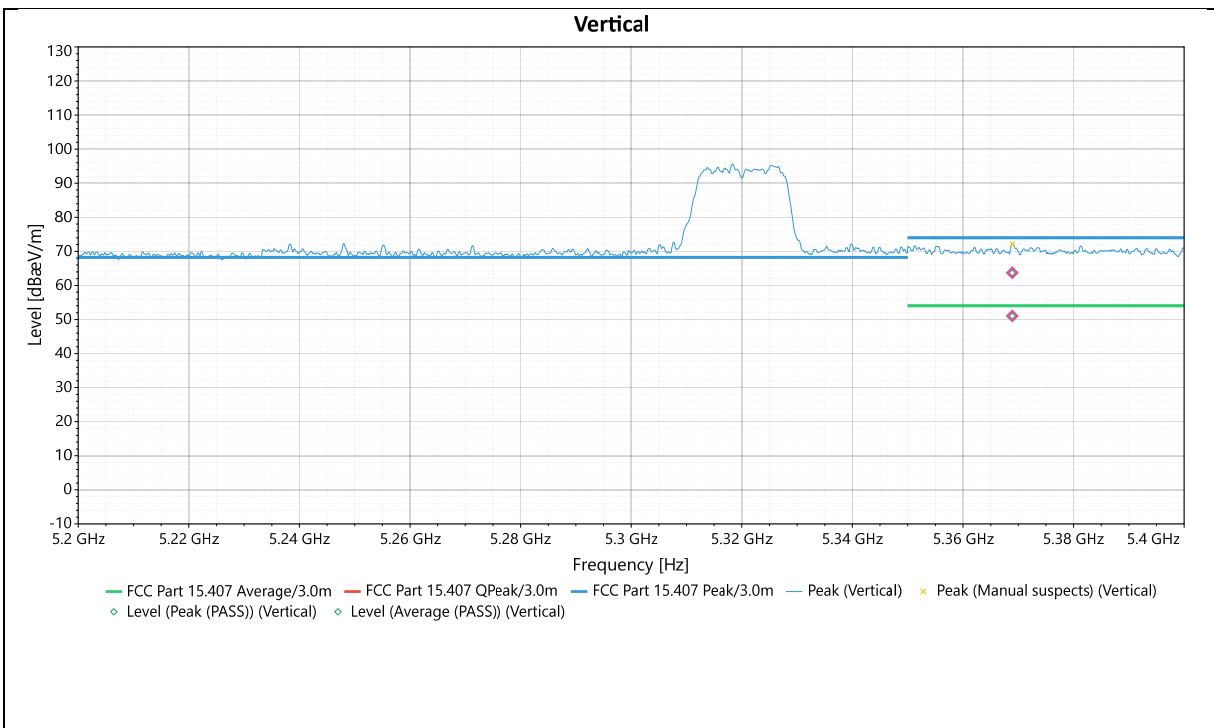


| Antenna Polarity & Test Distance: Vertical at 3m |                 |              |                  |                |             |            |             |                  |                      |
|--------------------------------------------------|-----------------|--------------|------------------|----------------|-------------|------------|-------------|------------------|----------------------|
| No.                                              | Frequency (MHz) | Polarization | Level [dB(uV/m)] | Limit dB(uV/m) | Margin [dB] | Height (m) | Angle (Deg) | Factor [dB(1/m)] | Measure Type/ Result |
| 1                                                | 5145.375        | Horizontal   | 64.007           | 74             | -9.993      | 2.94       | 124         | 39.75            | Peak (PASS)          |
| 2                                                | 5145.375        | Horizontal   | 50.483           | 54             | -3.517      | 2.94       | 124         | 39.75            | Average (PASS)       |

**REMARKS:**

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

RESTRICTED BAND Test Plots  
802.11a – 5320MHz

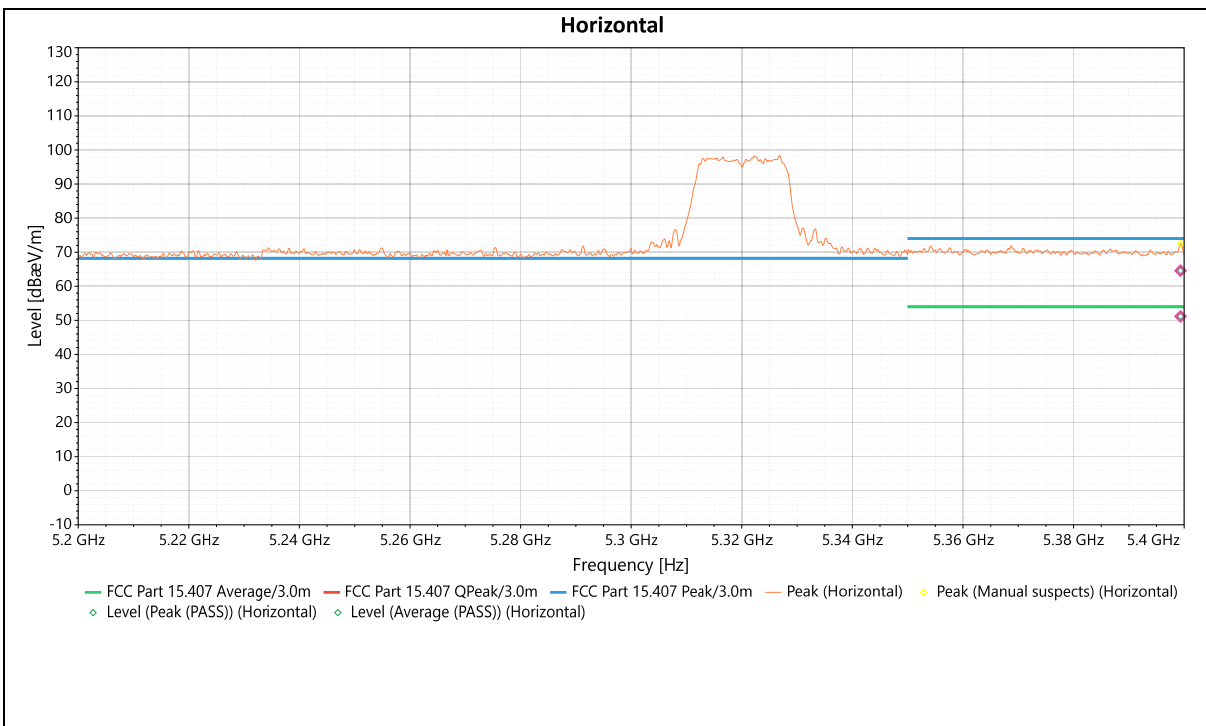


| Antenna Polarity & Test Distance: Vertical at 3m |                 |              |                  |                |             |            |             |                  |                      |
|--------------------------------------------------|-----------------|--------------|------------------|----------------|-------------|------------|-------------|------------------|----------------------|
| No.                                              | Frequency (MHz) | Polarization | Level [dB(uV/m)] | Limit dB(uV/m) | Margin [dB] | Height (m) | Angle (Deg) | Factor [dB(1/m)] | Measure Type/ Result |
| 1                                                | 5368.907        | Vertical     | 63.712           | 74             | -10.288     | 1.68       | 303         | 39.6             | Peak (PASS)          |
| 2                                                | 5368.907        | Vertical     | 51.033           | 54             | -2.967      | 1.68       | 303         | 39.6             | Average (PASS)       |

**REMARKS:**

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

RESTRICTED BAND Test Plots  
802.11a – 5320MHz

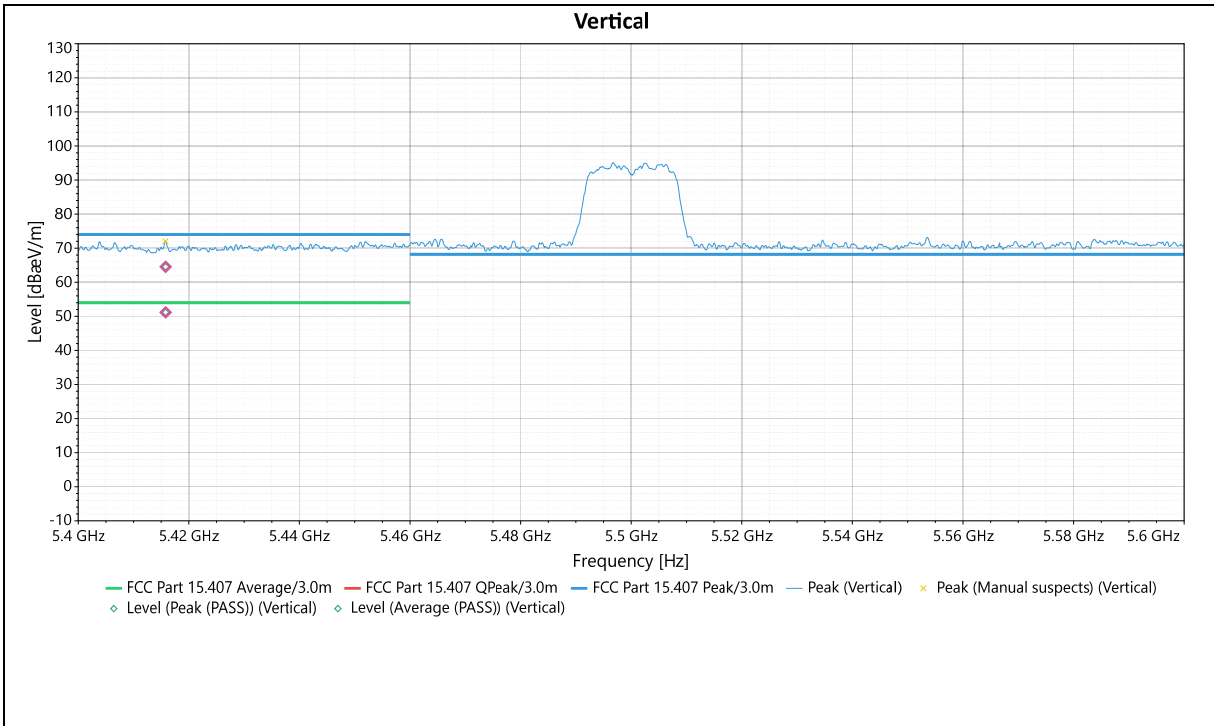


| Antenna Polarity & Test Distance: Vertical at 3m |                 |              |                  |                |             |            |             |                  |                      |
|--------------------------------------------------|-----------------|--------------|------------------|----------------|-------------|------------|-------------|------------------|----------------------|
| No.                                              | Frequency (MHz) | Polarization | Level [dB(µV/m)] | Limit dB(µV/m) | Margin [dB] | Height (m) | Angle (Deg) | Factor [dB(1/m)] | Measure Type/ Result |
| 1                                                | 5399.34         | Horizontal   | 64.567           | 74             | -9.433      | 1.77       | 29          | 39.71            | Peak (PASS)          |
| 2                                                | 5399.34         | Horizontal   | 51.153           | 54             | -2.847      | 1.77       | 29          | 39.71            | Average (PASS)       |

**REMARKS:**

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

RESTRICTED BAND Test Plots  
802.11a – 5500MHz

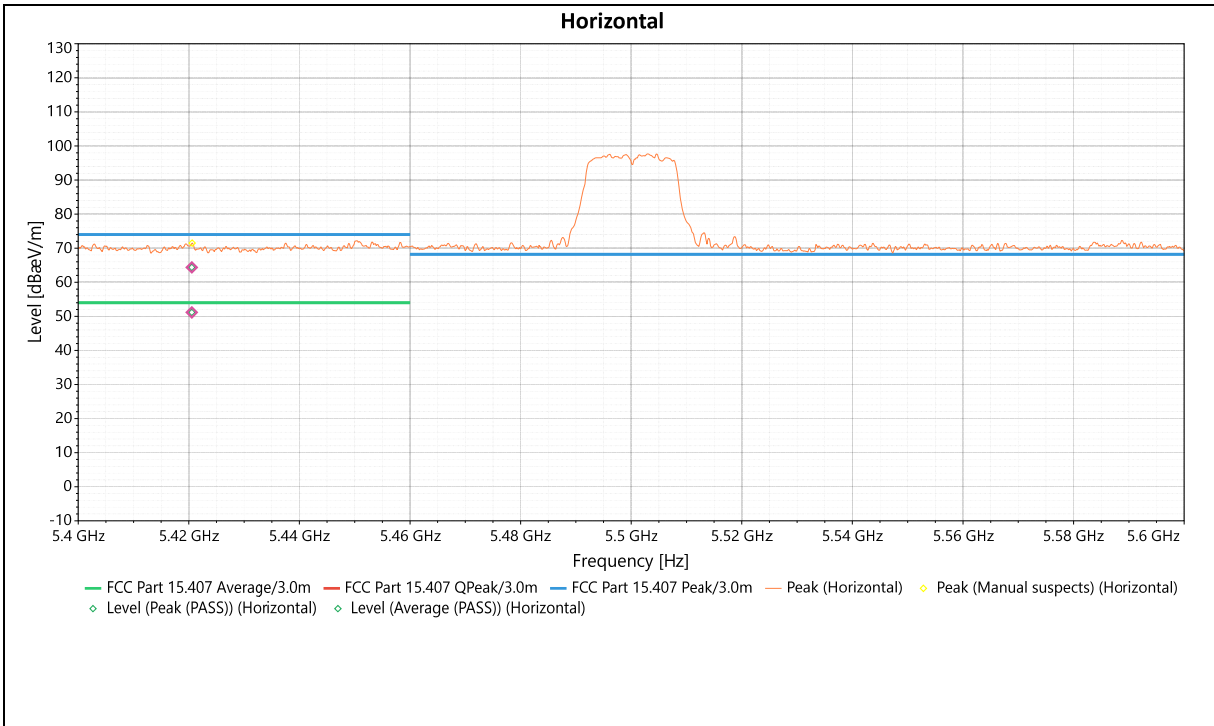


| Antenna Polarity & Test Distance: Vertical at 3m |                 |              |                  |                |             |            |             |                  |                      |
|--------------------------------------------------|-----------------|--------------|------------------|----------------|-------------|------------|-------------|------------------|----------------------|
| No.                                              | Frequency (MHz) | Polarization | Level [dB(µV/m)] | Limit dB(µV/m) | Margin [dB] | Height (m) | Angle (Deg) | Factor [dB(1/m)] | Measure Type/ Result |
| 1                                                | 5415.806        | Vertical     | 64.555           | 74             | -9.445      | 1.95       | 243         | 39.76            | Peak (PASS)          |
| 2                                                | 5415.806        | Vertical     | 51.165           | 54             | -2.835      | 1.95       | 243         | 39.76            | Average (PASS)       |

**REMARKS:**

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

RESTRICTED BAND Test Plots  
802.11a – 5500MHz

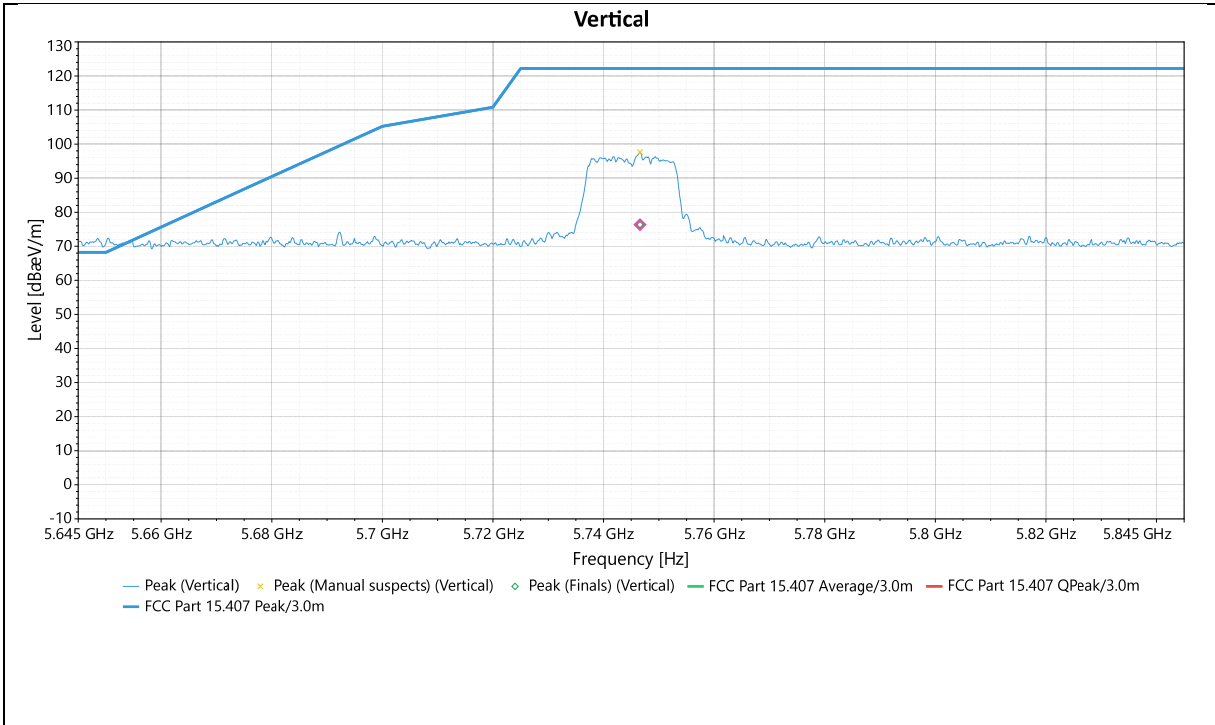


| Antenna Polarity & Test Distance: Vertical at 3m |                 |              |                  |                |             |            |             |                  |                      |
|--------------------------------------------------|-----------------|--------------|------------------|----------------|-------------|------------|-------------|------------------|----------------------|
| No.                                              | Frequency (MHz) | Polarization | Level [dB(µV/m)] | Limit dB(µV/m) | Margin [dB] | Height (m) | Angle (Deg) | Factor [dB(1/m)] | Measure Type/ Result |
| 1                                                | 5420.532        | Horizontal   | 64.367           | 74             | -9.633      | 1          | 0           | 39.69            | Peak (PASS)          |
| 2                                                | 5420.532        | Horizontal   | 51.163           | 54             | -2.837      | 1          | 0           | 39.69            | Average (PASS)       |

**REMARKS:**

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

RESTRICTED BAND Test Plots  
802.11a – 5745MHz

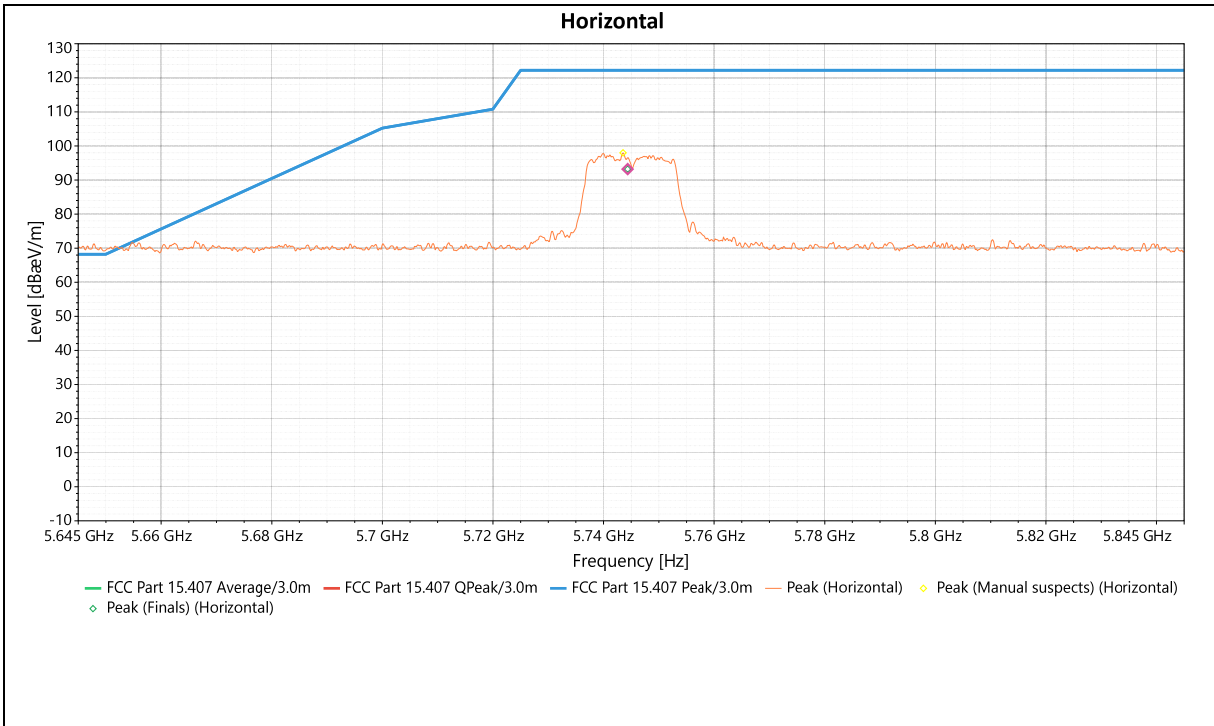


| Antenna Polarity & Test Distance: Vertical at 3m |                 |              |                  |                     |                    |             |            |             |                  |                      |
|--------------------------------------------------|-----------------|--------------|------------------|---------------------|--------------------|-------------|------------|-------------|------------------|----------------------|
| No.                                              | Frequency (MHz) | Polarization | Level [dB(uV/m)] | Limit Peak dB(uV/m) | Limit Avg dB(uV/m) | Margin [dB] | Height (m) | Angle (Deg) | Factor [dB(1/m)] | Measure Type/ Result |
| 1                                                | 5746.6          | Vertical     | 97.631           | 122.23              | NaN                | NaN         | 1.99       | 182         | 40.72            | Peak (PASS)          |

**REMARKS:**

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

RESTRICTED BAND Test Plots  
802.11a – 5745MHz



| Antenna Polarity & Test Distance: Vertical at 3m |                 |              |                  |                     |                    |             |            |             |                  |                      |
|--------------------------------------------------|-----------------|--------------|------------------|---------------------|--------------------|-------------|------------|-------------|------------------|----------------------|
| No.                                              | Frequency (MHz) | Polarization | Level [dB(uV/m)] | Limit Peak dB(uV/m) | Limit Avg dB(uV/m) | Margin [dB] | Height (m) | Angle (Deg) | Factor [dB(1/m)] | Measure Type/ Result |
| 1                                                | 5743.52         | Vertical     | 97.992           | 122.23              | NaN                | NaN         | 2.99       | 44          | 40.05            | Peak (PASS)          |

**REMARKS:**

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains