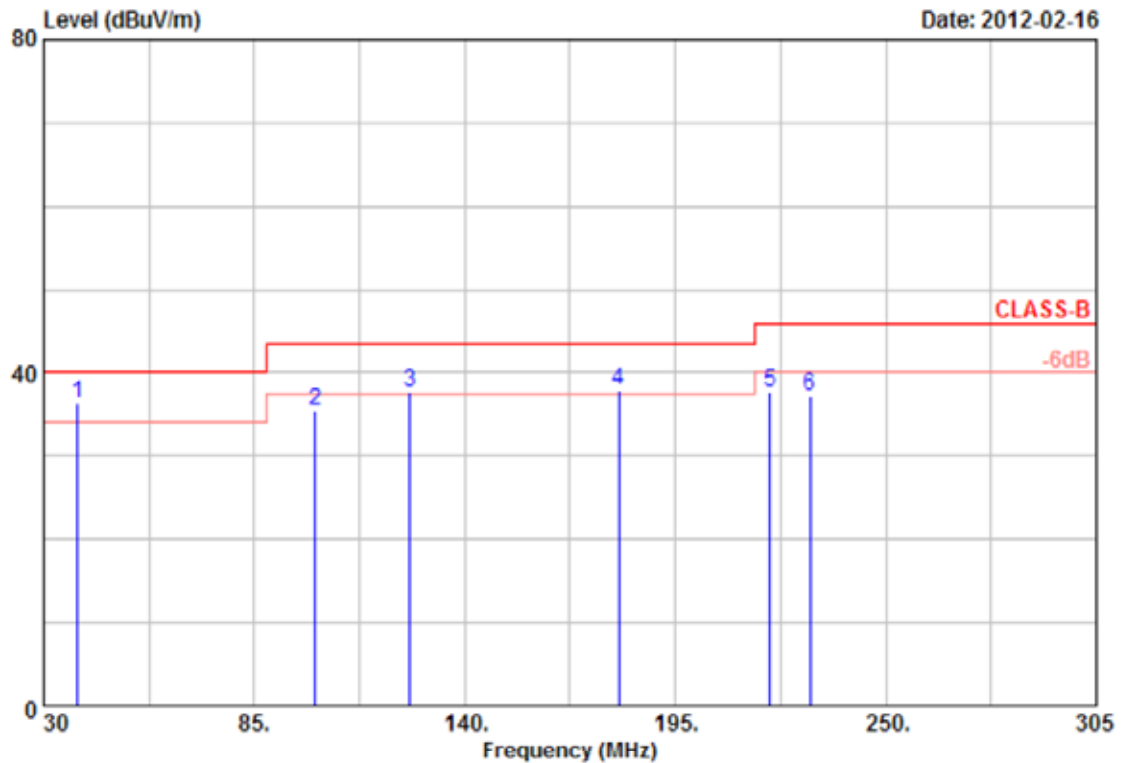




|             |                |             |            |
|-------------|----------------|-------------|------------|
| Power       | : AC 120V      | Pol/Phase   | : VERTICAL |
| Test Mode 2 | : 802.11g, CH1 | Temperature | : 20 °C    |
| Memo        | :              | Humidity    | : 68 %     |



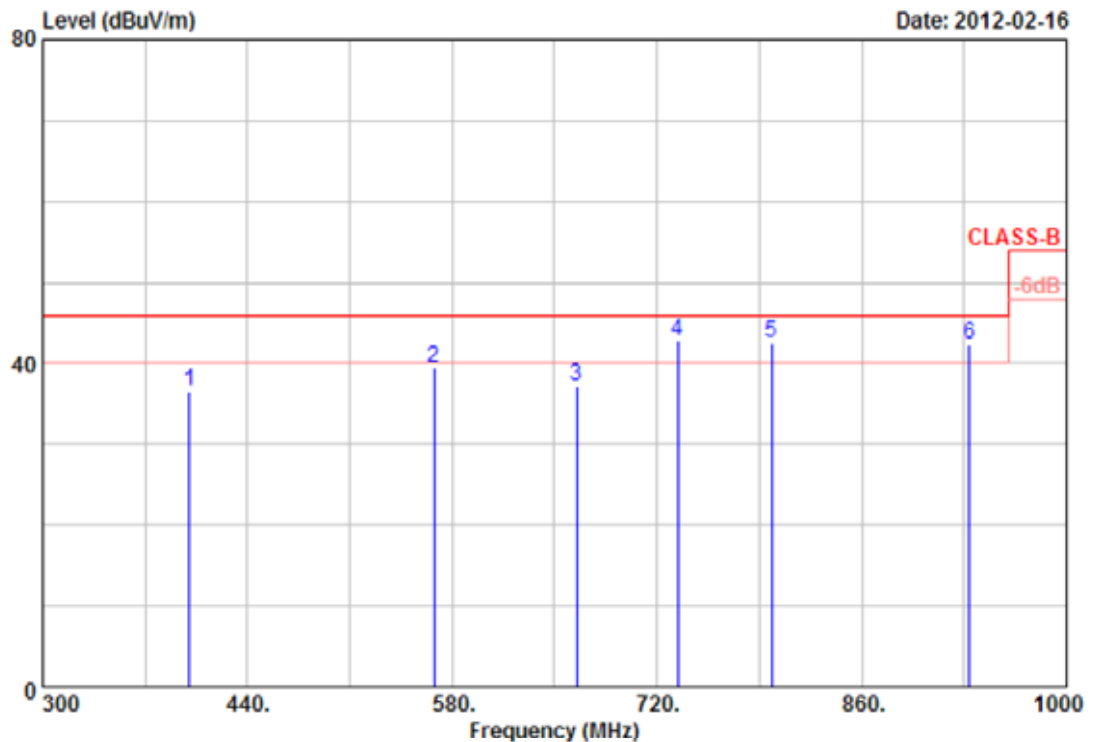
| Item | Freq   | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|--------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz    | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 38.80  | 37.99      | -1.68  | 36.31  | 40.00  | -3.69  | QP     | 100     | 360     |
| 2    | 100.95 | 43.93      | -8.56  | 35.37  | 43.50  | -8.13  | Peak   | 100     | 360     |
| 3    | 125.70 | 42.95      | -5.38  | 37.57  | 43.50  | -5.93  | QP     | 100     | 360     |
| 4    | 180.15 | 42.92      | -5.15  | 37.77  | 43.50  | -5.73  | QP     | 100     | 360     |
| 5    | 219.75 | 43.59      | -6.04  | 37.55  | 46.00  | -8.45  | Peak   | 100     | 360     |
| 6    | 230.20 | 45.13      | -7.84  | 37.29  | 46.00  | -8.71  | Peak   | 100     | 360     |

## Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



|             |                |             |            |
|-------------|----------------|-------------|------------|
| Power       | : AC 120V      | Pol/Phase   | : VERTICAL |
| Test Mode 2 | : 802.11g, CH1 | Temperature | : 20 °C    |
| Memo        | :              | Humidity    | : 68 %     |



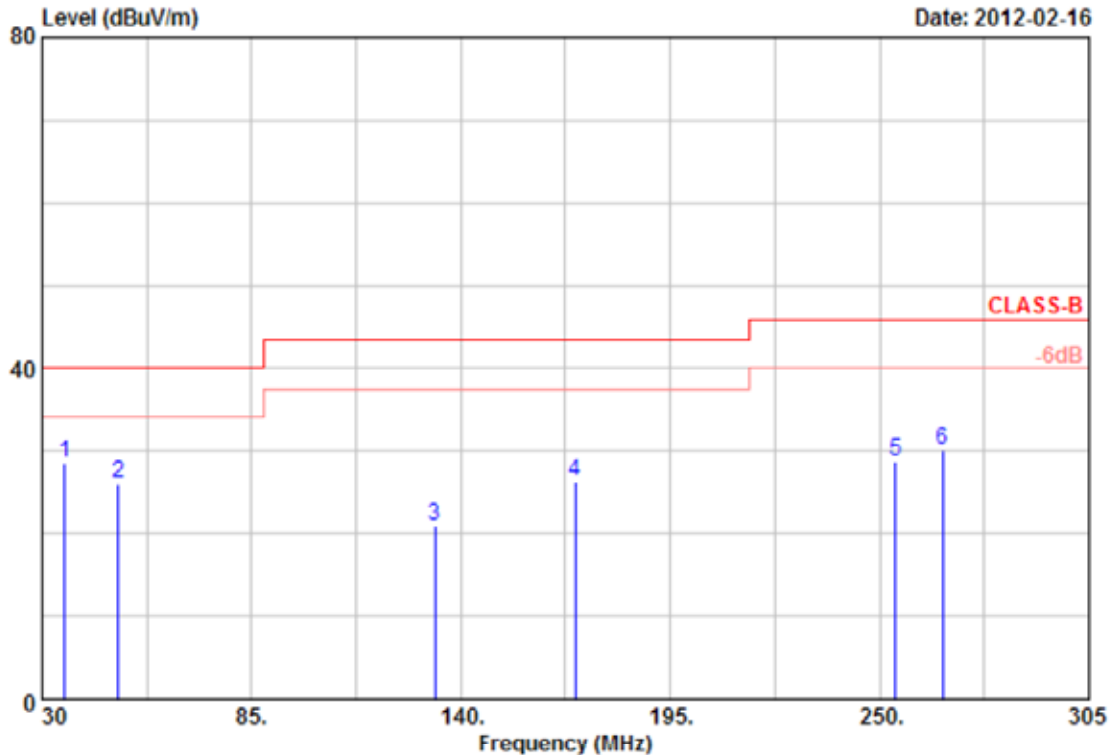
| Item | Freq   | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|--------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz    | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 400.10 | 42.01      | -5.39  | 36.62  | 46.00  | -9.38  | Peak   | 100     | 0       |
| 2    | 567.40 | 32.26      | 7.11   | 39.37  | 46.00  | -6.63  | Peak   | 100     | 0       |
| 3    | 665.40 | 38.53      | -1.31  | 37.22  | 46.00  | -8.78  | Peak   | 100     | 0       |
| 4    | 734.00 | 35.81      | 6.92   | 42.73  | 46.00  | -3.27  | QP     | 100     | 0       |
| 5    | 798.40 | 36.77      | 5.82   | 42.59  | 46.00  | -3.41  | QP     | 100     | 0       |
| 6    | 933.50 | 32.82      | 9.44   | 42.26  | 46.00  | -3.74  | QP     | 100     | 0       |

## Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



|             |                |             |              |
|-------------|----------------|-------------|--------------|
| Power       | : AC 120V      | Pol/Phase   | : HORIZONTAL |
| Test Mode 2 | : 802.11g, CH1 | Temperature | : 20 °C      |
| Memo        | :              | Humidity    | : 68 %       |



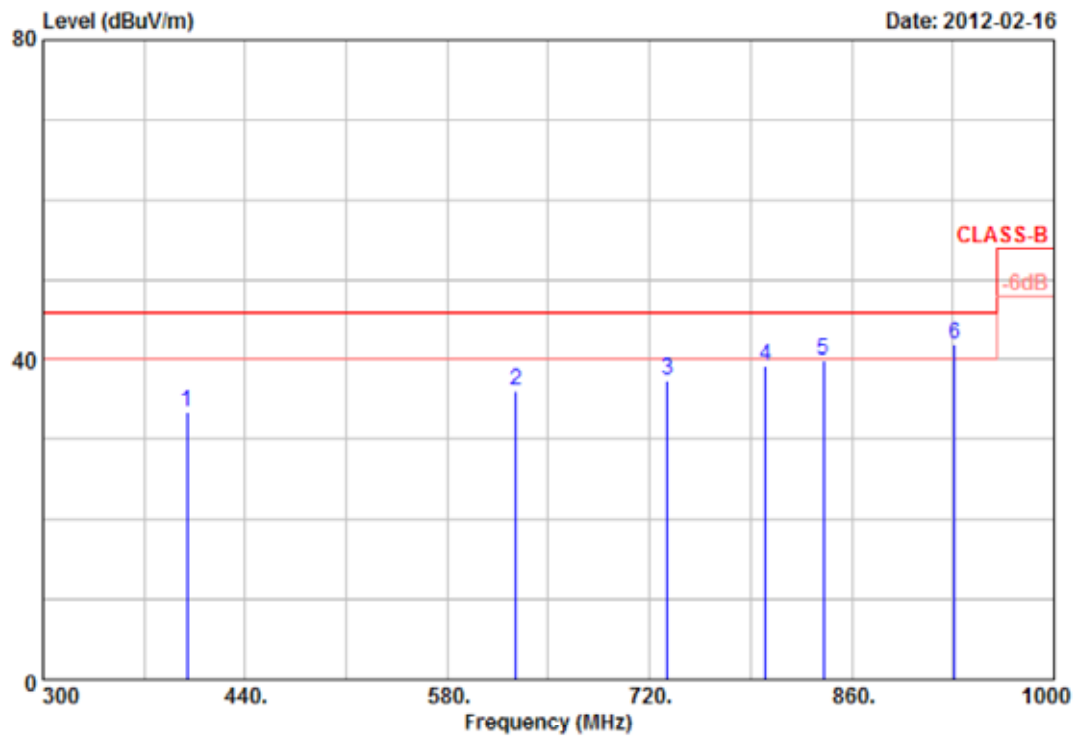
| Item | Freq   | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|--------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz    | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 36.05  | 35.41      | -6.78  | 28.63  | 40.00  | -11.37 | Peak   | 100     | 360     |
| 2    | 50.08  | 35.17      | -9.08  | 26.09  | 40.00  | -13.91 | Peak   | 100     | 360     |
| 3    | 133.13 | 36.83      | -15.79 | 21.04  | 43.50  | -22.46 | Peak   | 100     | 360     |
| 4    | 169.98 | 37.32      | -10.97 | 26.35  | 43.50  | -17.15 | Peak   | 100     | 360     |
| 5    | 254.13 | 42.32      | -13.51 | 28.81  | 46.00  | -17.19 | Peak   | 100     | 360     |
| 6    | 266.50 | 44.11      | -13.94 | 30.17  | 46.00  | -15.83 | Peak   | 100     | 360     |

**Notes:**

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300KHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



|             |                |             |              |
|-------------|----------------|-------------|--------------|
| Power       | : AC 120V      | Pol/Phase   | : HORIZONTAL |
| Test Mode 2 | : 802.11g, CH1 | Temperature | : 20 °C      |
| Memo        | :              | Humidity    | : 68 %       |



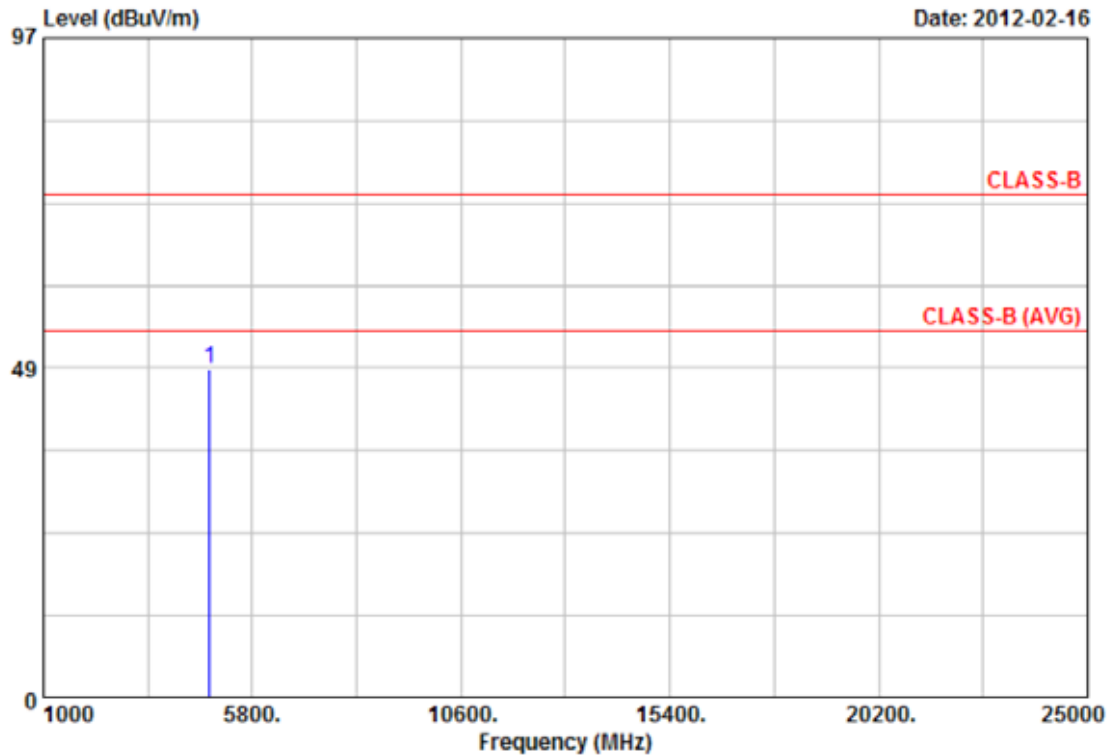
| Item | Freq   | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|--------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz    | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 399.40 | 42.74      | -9.28  | 33.46  | 46.00  | -12.54 | Peak   | 100     | 0       |
| 2    | 627.60 | 32.16      | 3.92   | 36.08  | 46.00  | -9.92  | Peak   | 100     | 0       |
| 3    | 732.60 | 33.50      | 3.98   | 37.48  | 46.00  | -8.52  | Peak   | 100     | 0       |
| 4    | 800.50 | 33.12      | 6.14   | 39.26  | 46.00  | -6.74  | Peak   | 100     | 0       |
| 5    | 840.40 | 31.31      | 8.52   | 39.83  | 46.00  | -6.17  | Peak   | 100     | 0       |
| 6    | 931.40 | 35.30      | 6.64   | 41.94  | 46.00  | -4.06  | QP     | 100     | 0       |

## Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



|             |                |             |            |
|-------------|----------------|-------------|------------|
| Power       | : AC 120V      | Pol/Phase   | : VERTICAL |
| Test Mode 2 | : 802.11b, CH1 | Temperature | : 20 °C    |
| Memo        | :              | Humidity    | : 68 %     |



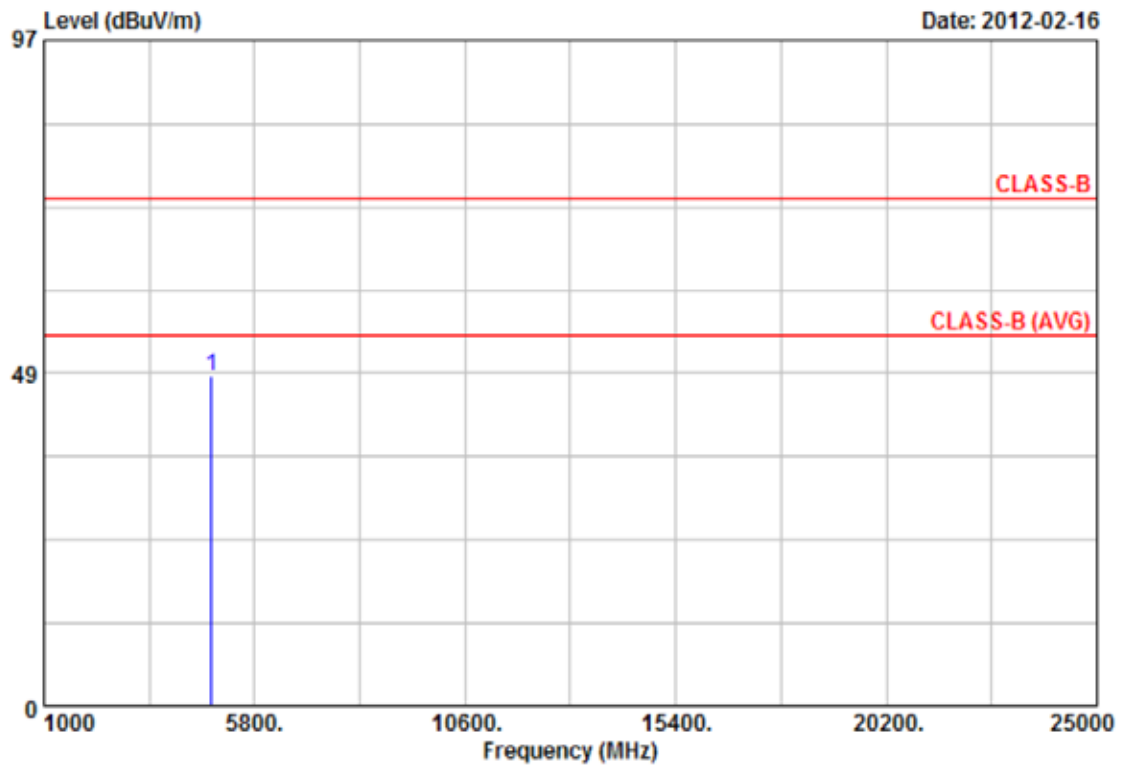
| Item | Freq    | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|---------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz     | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 4825.34 | 42.65      | 5.64   | 48.29  | 74.00  | -25.71 | Peak   | 130     | 201     |

## Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



|             |                |             |              |
|-------------|----------------|-------------|--------------|
| Power       | : AC 120V      | Pol/Phase   | : HORIZONTAL |
| Test Mode 2 | : 802.11b, CH1 | Temperature | : 20 °C      |
| Memo        | :              | Humidity    | : 68 %       |



| Item | Freq    | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|---------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz     | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 4824.50 | 44.20      | 3.95   | 48.15  | 74.00  | -25.85 | Peak   | 130     | 58      |

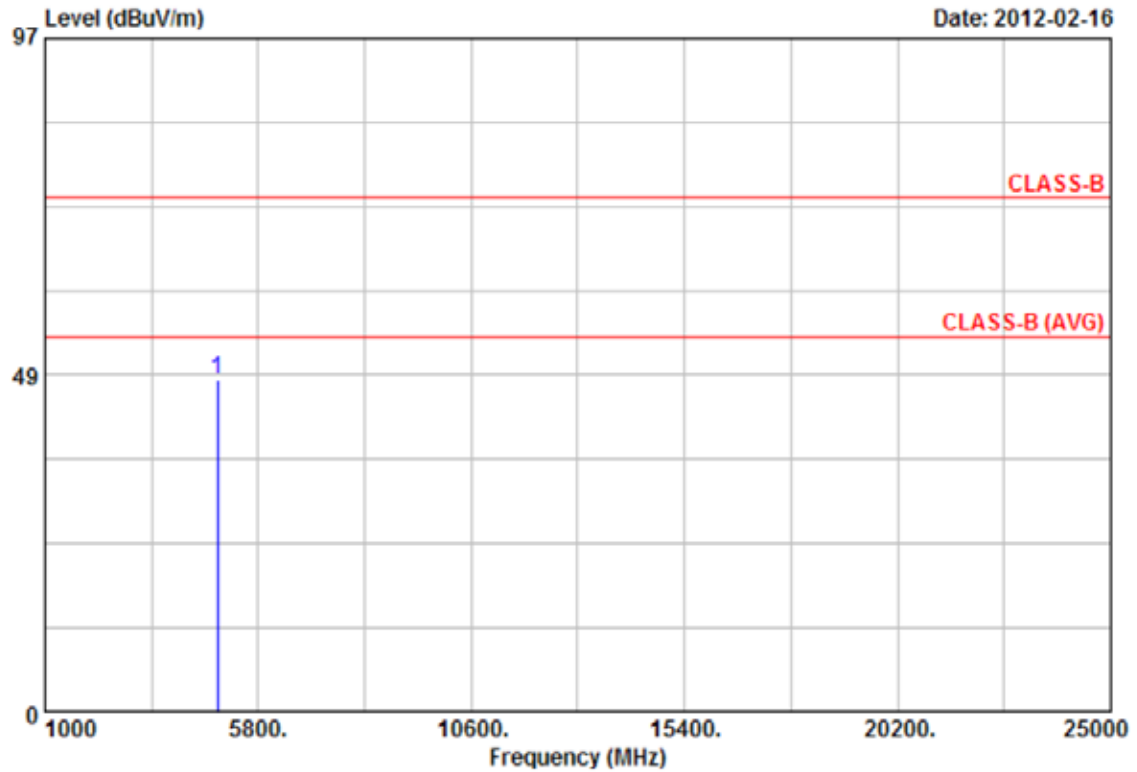
## Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.





|             |                |             |            |
|-------------|----------------|-------------|------------|
| Power       | : AC 120V      | Pol/Phase   | : VERTICAL |
| Test Mode 2 | : 802.11b, CH6 | Temperature | : 20 °C    |
| Memo        | :              | Humidity    | : 68 %     |



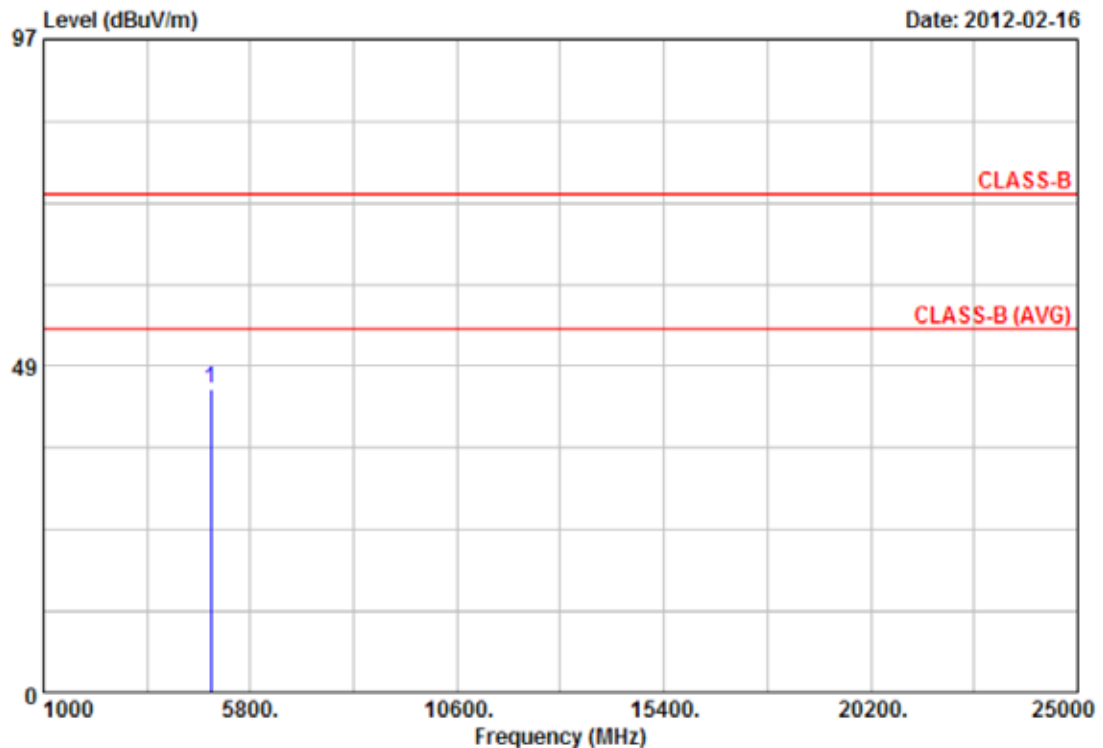
| Item | Freq    | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|---------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz     | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 4873.13 | 41.19      | 6.57   | 47.76  | 74.00  | -26.24 | Peak   | 130     | 201     |

## Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



|             |                |             |              |
|-------------|----------------|-------------|--------------|
| Power       | : AC 120V      | Pol/Phase   | : HORIZONTAL |
| Test Mode 2 | : 802.11b, CH6 | Temperature | : 20 °C      |
| Memo        | :              | Humidity    | : 68 %       |



| Item | Freq    | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|---------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz     | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 4874.11 | 40.45      | 4.73   | 45.18  | 74.00  | -28.82 | Peak   | 130     | 58      |

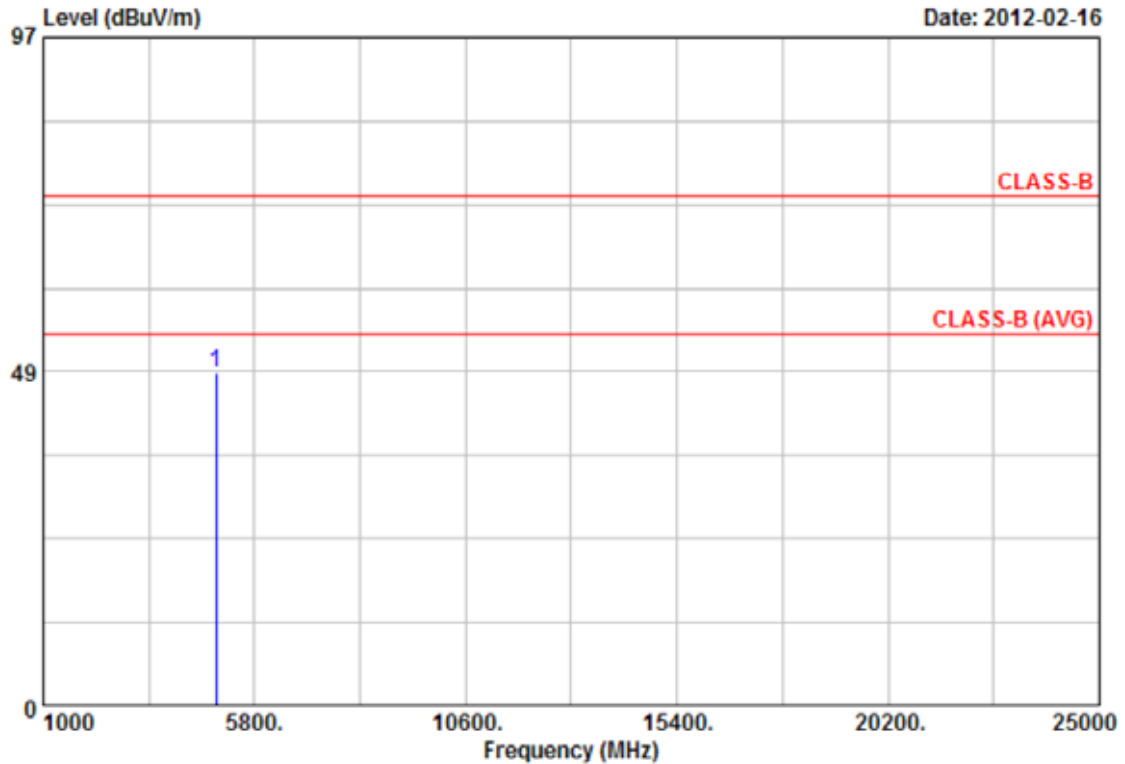
**Notes:**

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.





|             |                 |             |            |
|-------------|-----------------|-------------|------------|
| Power       | : AC 120V       | Pol/Phase   | : VERTICAL |
| Test Mode 2 | : 802.11b, CH11 | Temperature | : 20 °C    |
| Memo        | :               | Humidity    | : 68 %     |



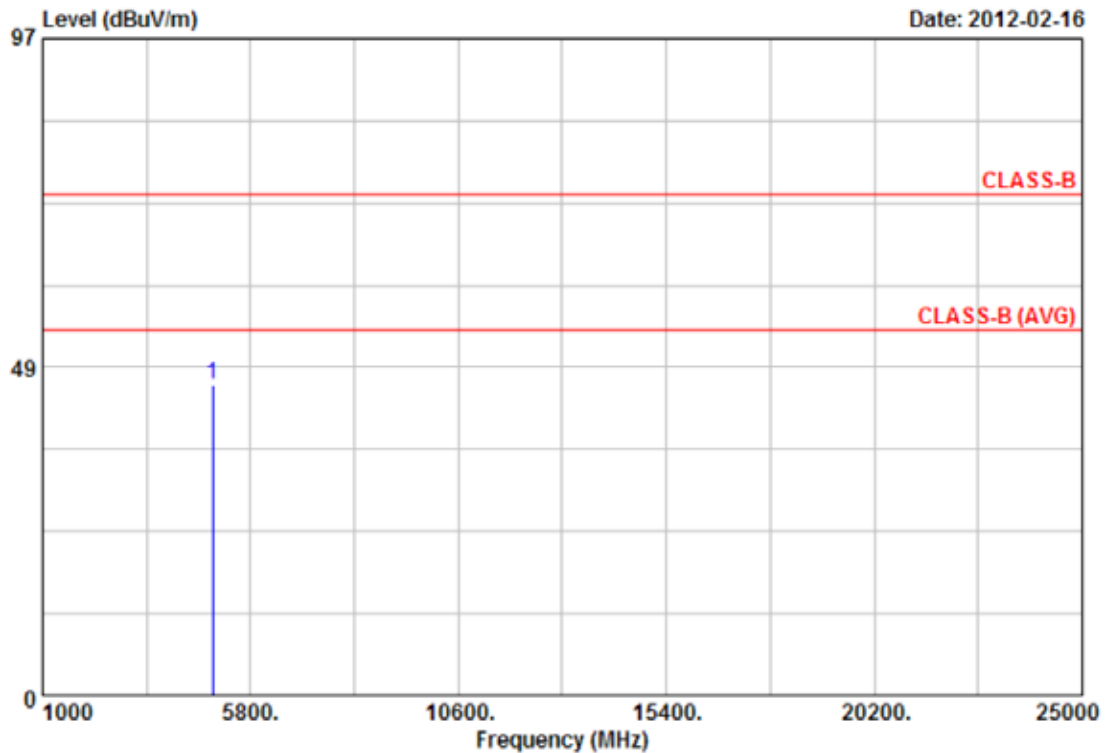
| Item | Freq    | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|---------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz     | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 4924.51 | 41.10      | 7.16   | 48.26  | 74.00  | -25.74 | Peak   | 130     | 201     |

## Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



|             |                 |             |              |
|-------------|-----------------|-------------|--------------|
| Power       | : AC 120V       | Pol/Phase   | : HORIZONTAL |
| Test Mode 2 | : 802.11b, CH11 | Temperature | : 20 °C      |
| Memo        | :               | Humidity    | : 68 %       |



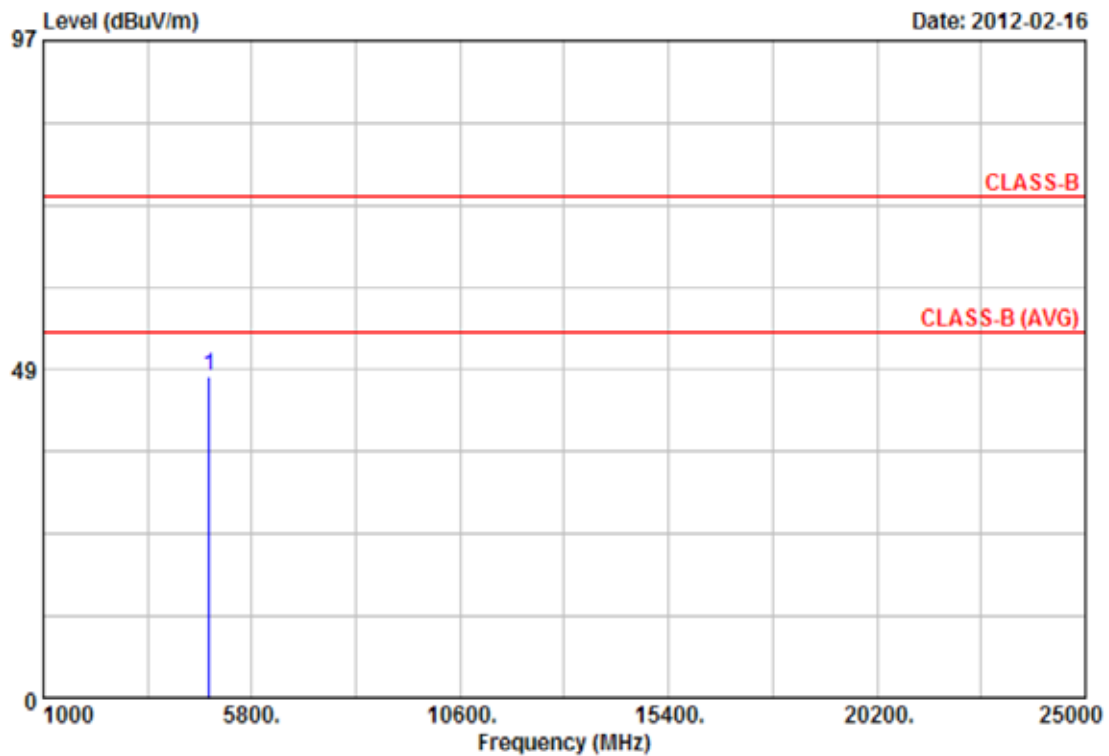
| Item | Freq    | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|---------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz     | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 4926.03 | 40.83      | 5.15   | 45.98  | 74.00  | -28.02 | Peak   | 130     | 58      |

## Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



|             |                |             |            |
|-------------|----------------|-------------|------------|
| Power       | : AC 120V      | Pol/Phase   | : VERTICAL |
| Test Mode 2 | : 802.11g, CH1 | Temperature | : 20 °C    |
| Memo        | :              | Humidity    | : 68 %     |



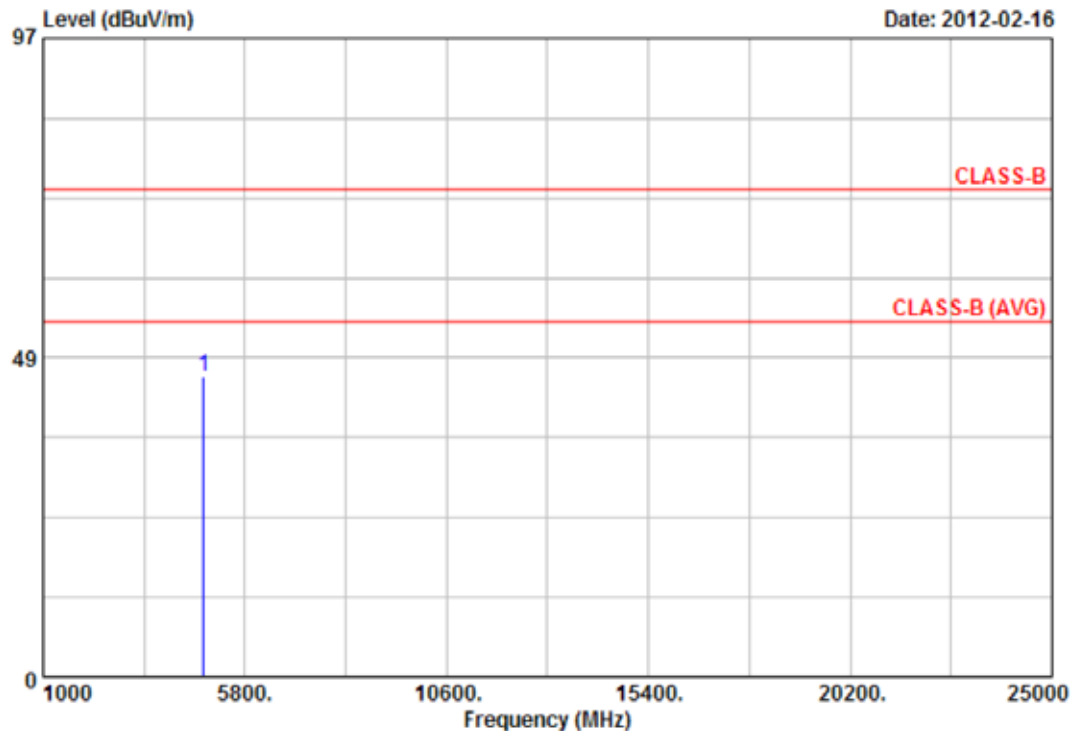
| Item | Freq    | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|---------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz     | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 4825.30 | 41.94      | 5.64   | 47.58  | 74.00  | -26.42 | Peak   | 130     | 201     |

**Notes:**

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



|             |                |             |              |
|-------------|----------------|-------------|--------------|
| Power       | : AC 120V      | Pol/Phase   | : HORIZONTAL |
| Test Mode 2 | : 802.11g, CH1 | Temperature | : 20 °C      |
| Memo        | :              | Humidity    | : 68 %       |



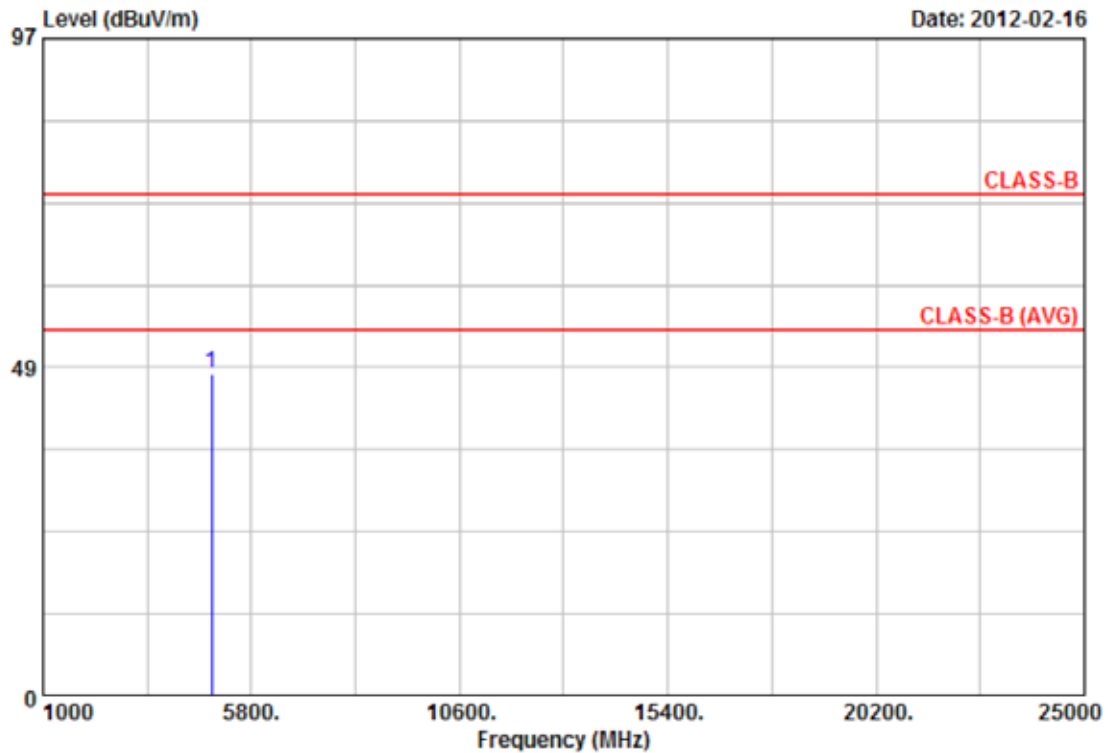
| Item | Freq    | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|---------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz     | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 4825.33 | 41.82      | 3.97   | 45.79  | 74.00  | -28.21 | Peak   | 130     | 58      |

## Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



|             |                |             |            |
|-------------|----------------|-------------|------------|
| Power       | : AC 120V      | Pol/Phase   | : VERTICAL |
| Test Mode 2 | : 802.11g, CH6 | Temperature | : 20 °C    |
| Memo        | :              | Humidity    | : 68 %     |



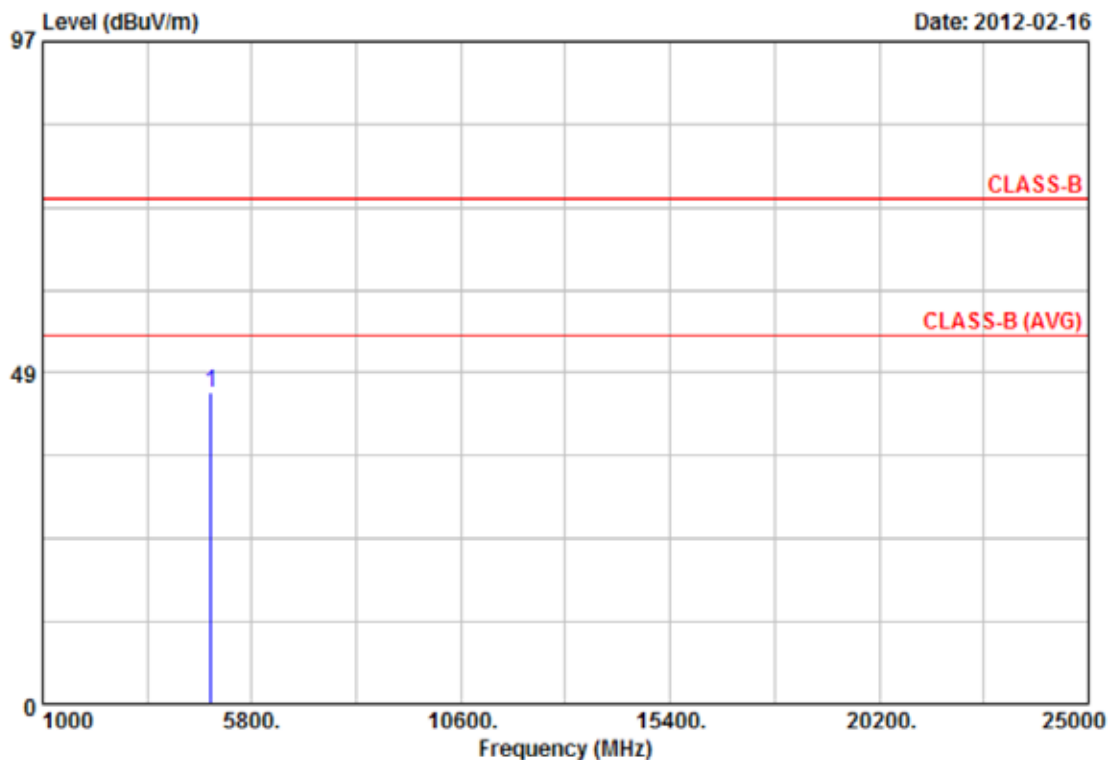
| Item | Freq    | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|---------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz     | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 4875.25 | 40.88      | 6.62   | 47.50  | 74.00  | -26.50 | Peak   | 130     | 201     |

## Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300KHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



|             |                |             |              |
|-------------|----------------|-------------|--------------|
| Power       | : AC 120V      | Pol/Phase   | : HORIZONTAL |
| Test Mode 2 | : 802.11g, CH6 | Temperature | : 20 °C      |
| Memo        | :              | Humidity    | : 68 %       |



| Item | Freq    | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|---------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz     | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 4872.61 | 40.98      | 4.71   | 45.69  | 74.00  | -28.31 | Peak   | 130     | 58      |

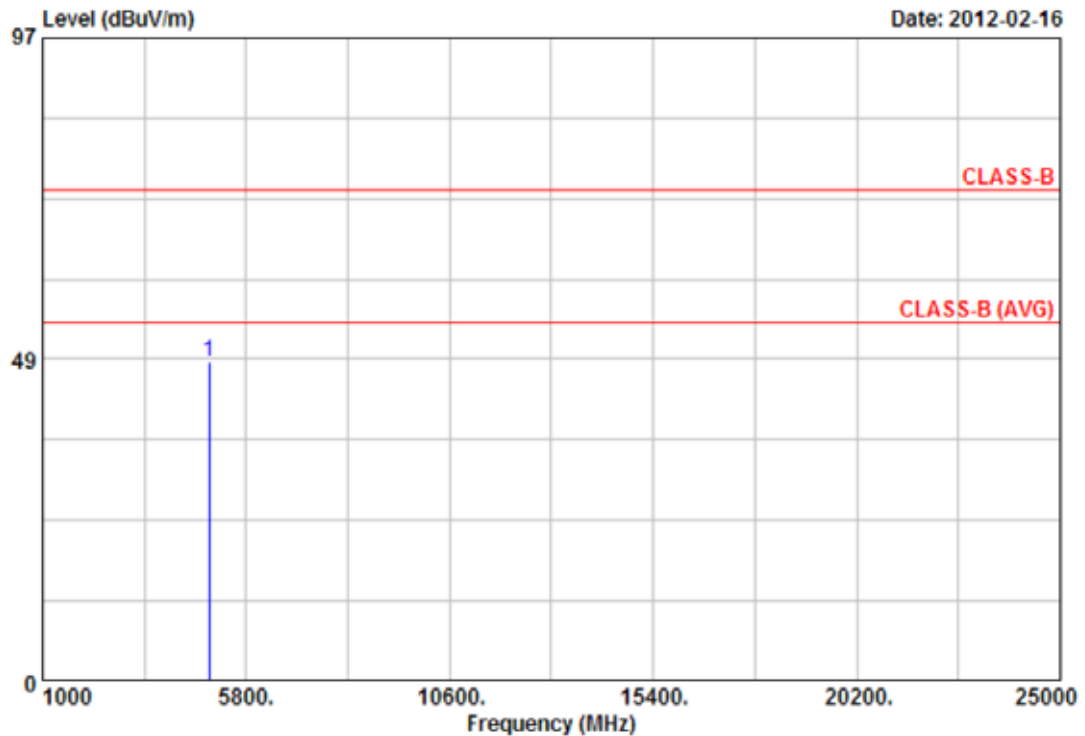
## Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.





|             |                 |             |            |
|-------------|-----------------|-------------|------------|
| Power       | : AC 120V       | Pol/Phase   | : VERTICAL |
| Test Mode 2 | : 802.11g, CH11 | Temperature | : 20 °C    |
| Memo        | :               | Humidity    | : 68 %     |



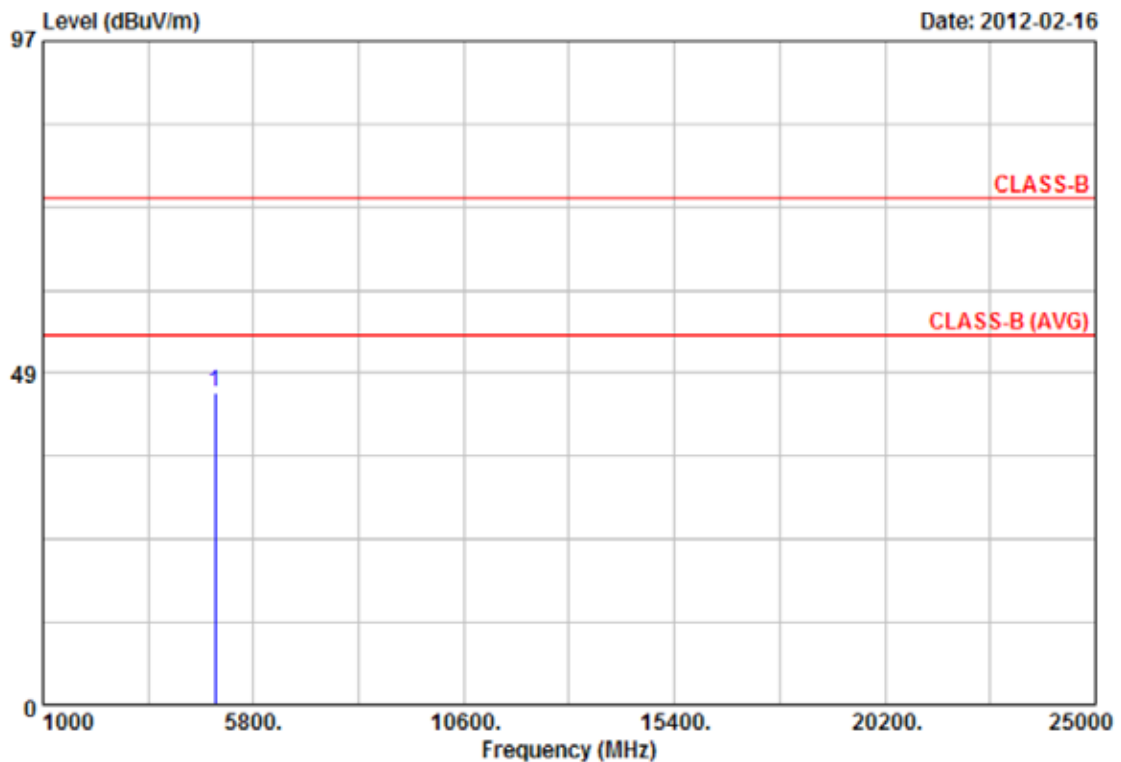
| Item | Freq    | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|---------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz     | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 4924.56 | 40.98      | 7.16   | 48.14  | 74.00  | -25.86 | Peak   | 130     | 201     |

## Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



|             |                 |             |              |
|-------------|-----------------|-------------|--------------|
| Power       | : AC 120V       | Pol/Phase   | : HORIZONTAL |
| Test Mode 2 | : 802.11g, CH11 | Temperature | : 20 °C      |
| Memo        | :               | Humidity    | : 68 %       |



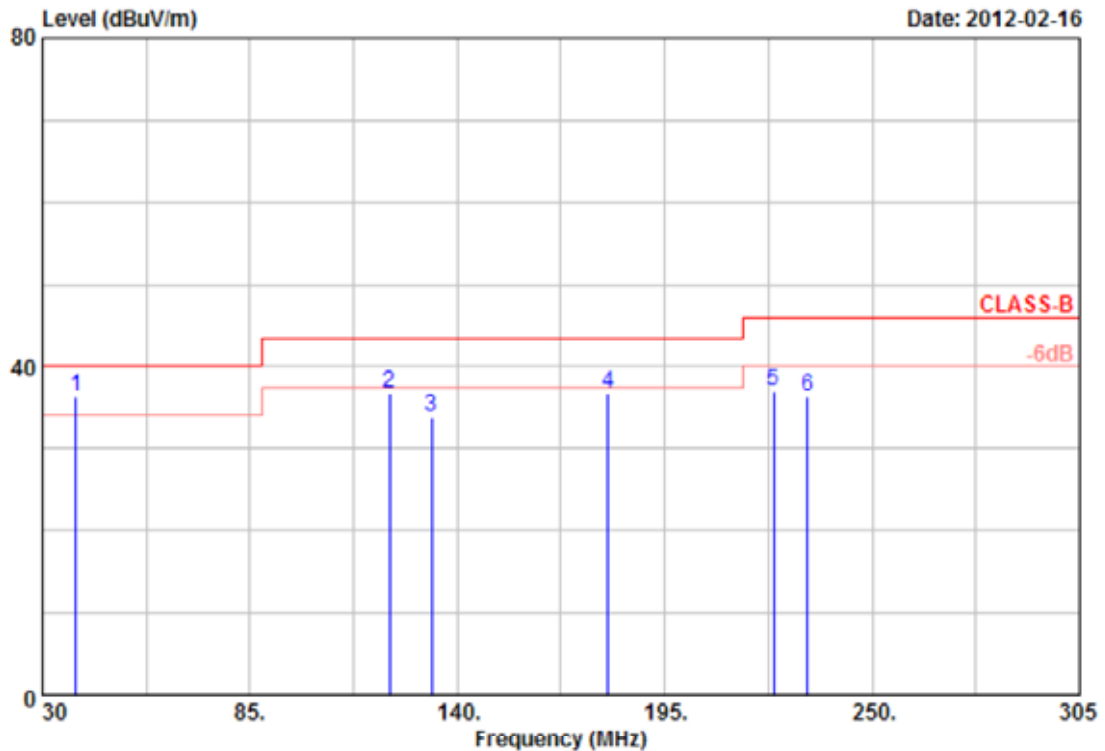
| Item | Freq    | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|---------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz     | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 4925.75 | 40.62      | 5.15   | 45.77  | 74.00  | -28.23 | Peak   | 130     | 58      |

## Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



|             |                     |            |            |
|-------------|---------------------|------------|------------|
| Power       | : AC 120V           | Pol/Phase  | : VERTICAL |
| Test Mode 2 | : 802.11n HT20, CH1 | Temperatur | : 20 °C    |
| Memo        | :                   | Humidity   | : 68 %     |



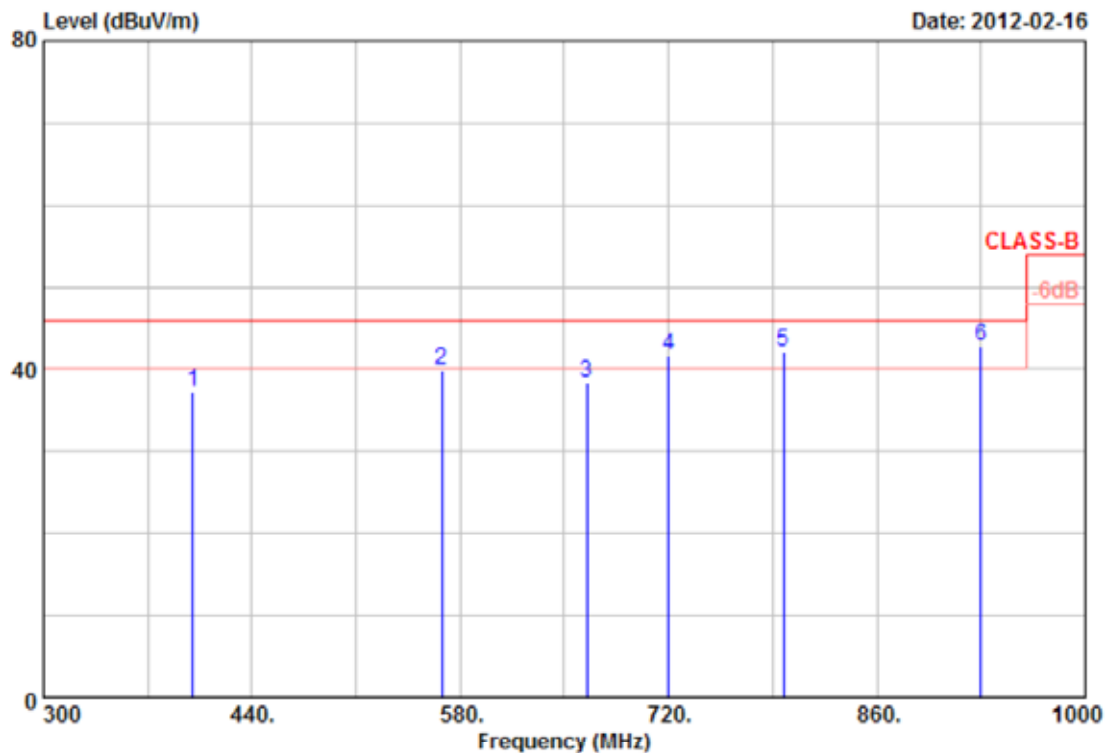
| Item | Freq   | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|--------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz    | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 38.80  | 37.97      | -1.68  | 36.29  | 40.00  | -3.71  | QP     | 100     | 360     |
| 2    | 122.13 | 41.47      | -4.76  | 36.71  | 43.50  | -6.79  | Peak   | 100     | 360     |
| 3    | 133.13 | 40.69      | -6.90  | 33.79  | 43.50  | -9.71  | Peak   | 100     | 360     |
| 4    | 179.88 | 41.86      | -5.06  | 36.80  | 43.50  | -6.70  | Peak   | 100     | 360     |
| 5    | 223.88 | 43.52      | -6.63  | 36.89  | 46.00  | -9.11  | Peak   | 100     | 360     |
| 6    | 232.95 | 44.24      | -7.85  | 36.39  | 46.00  | -9.61  | Peak   | 100     | 360     |

## Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



|             |                     |             |            |
|-------------|---------------------|-------------|------------|
| Power       | : AC 120V           | Pol/Phase   | : VERTICAL |
| Test Mode 2 | : 802.11n HT20, CH1 | Temperature | : 20 °C    |
| Memo        | :                   | Humidity    | : 68 %     |



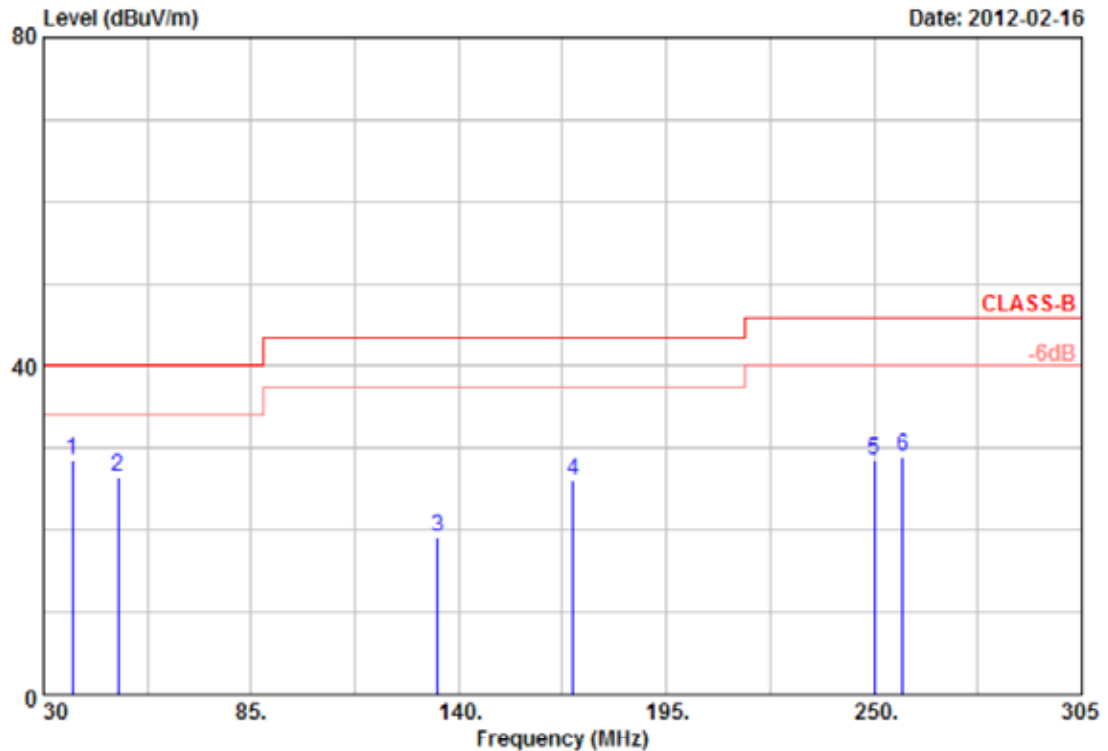
| Item | Freq   | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|--------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz    | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 400.10 | 42.49      | -5.39  | 37.10  | 46.00  | -8.90  | Peak   | 100     | 0       |
| 2    | 567.40 | 32.68      | 7.11   | 39.79  | 46.00  | -6.21  | Peak   | 100     | 0       |
| 3    | 665.40 | 39.62      | -1.31  | 38.31  | 46.00  | -7.69  | Peak   | 100     | 0       |
| 4    | 720.00 | 35.20      | 6.41   | 41.61  | 46.00  | -4.39  | QP     | 100     | 0       |
| 5    | 797.00 | 36.16      | 5.94   | 42.10  | 46.00  | -3.90  | QP     | 100     | 0       |
| 6    | 930.00 | 33.95      | 8.73   | 42.68  | 46.00  | -3.32  | QP     | 100     | 0       |

**Notes:**

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



|             |                     |             |              |
|-------------|---------------------|-------------|--------------|
| Power       | : AC 120V           | Pol/Phase   | : HORIZONTAL |
| Test Mode 2 | : 802.11n HT20, CH1 | Temperature | : 20 °C      |
| Memo        | :                   | Humidity    | : 68 %       |



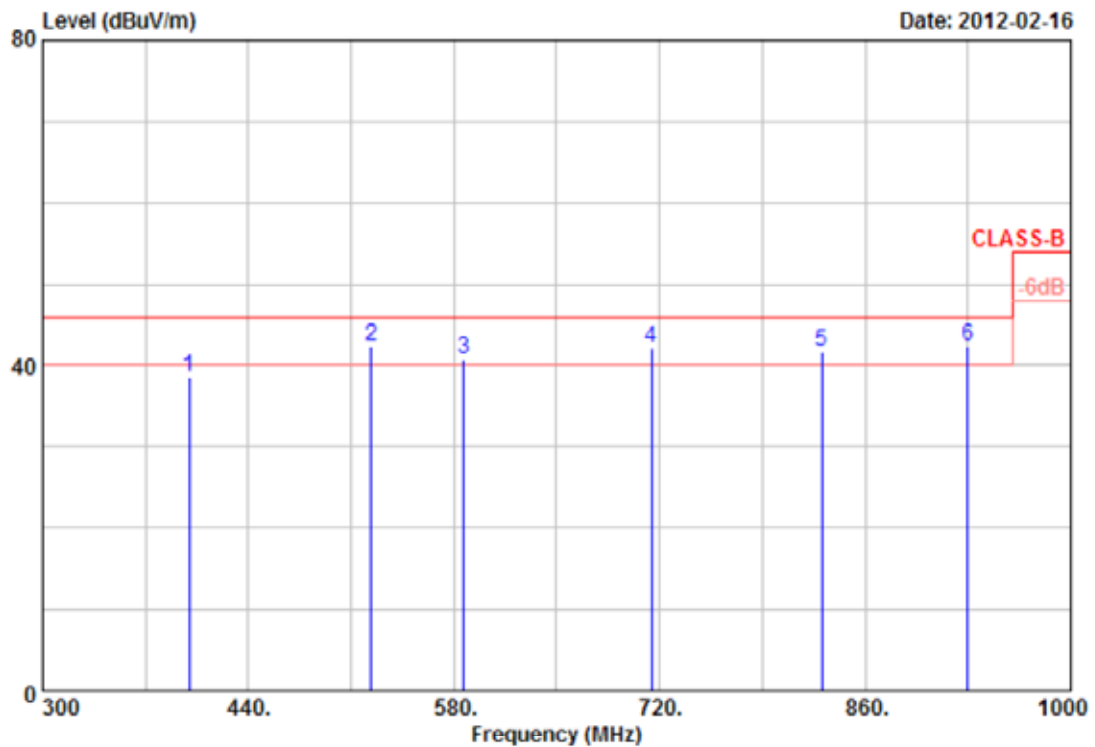
| Item | Freq   | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|--------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz    | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 37.70  | 35.48      | -7.05  | 28.43  | 40.00  | -11.57 | Peak   | 100     | 360     |
| 2    | 49.80  | 35.49      | -9.01  | 26.48  | 40.00  | -13.52 | Peak   | 100     | 360     |
| 3    | 134.50 | 34.04      | -14.98 | 19.06  | 43.50  | -24.44 | Peak   | 100     | 360     |
| 4    | 170.25 | 37.47      | -11.29 | 26.18  | 43.50  | -17.32 | Peak   | 100     | 360     |
| 5    | 250.00 | 41.94      | -13.52 | 28.42  | 46.00  | -17.58 | Peak   | 100     | 360     |
| 6    | 257.70 | 42.40      | -13.37 | 29.03  | 46.00  | -16.97 | Peak   | 100     | 360     |

## Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



|             |                     |             |              |
|-------------|---------------------|-------------|--------------|
| Power       | : AC 120V           | Pol/Phase   | : HORIZONTAL |
| Test Mode 2 | : 802.11n HT20, CH1 | Temperature | : 20 °C      |
| Memo        | :                   | Humidity    | : 68 %       |



| Item | Freq   | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|--------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz    | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 399.40 | 47.75      | -9.28  | 38.47  | 46.00  | -7.53  | Peak   | 100     | 0       |
| 2    | 524.00 | 41.15      | 1.25   | 42.40  | 46.00  | -3.60  | QP     | 100     | 0       |
| 3    | 587.00 | 39.12      | 1.67   | 40.79  | 46.00  | -5.21  | QP     | 100     | 0       |
| 4    | 714.40 | 38.82      | 3.26   | 42.08  | 46.00  | -3.92  | QP     | 100     | 0       |
| 5    | 830.60 | 33.13      | 8.59   | 41.72  | 46.00  | -4.28  | QP     | 100     | 0       |
| 6    | 930.00 | 35.44      | 6.82   | 42.26  | 46.00  | -3.74  | QP     | 100     | 0       |

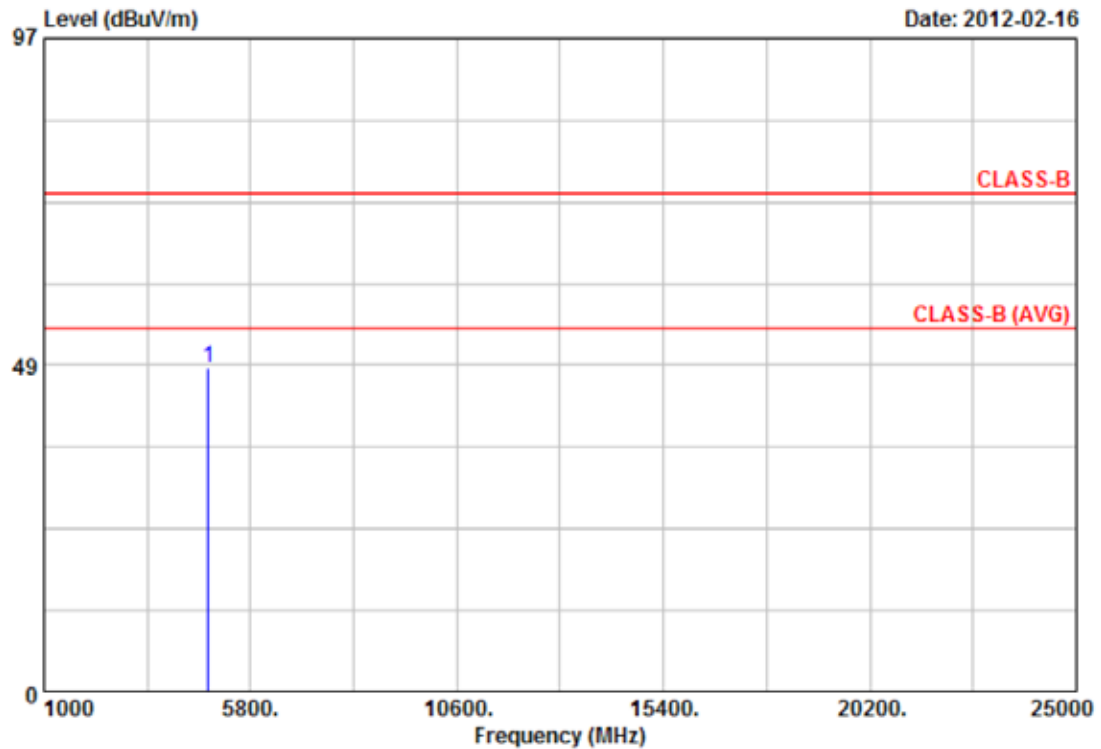
## Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.





|             |                     |             |            |
|-------------|---------------------|-------------|------------|
| Power       | : AC 120V           | Pol/Phase   | : VERTICAL |
| Test Mode 2 | : 802.11n HT20, CH1 | Temperature | : 20 °C    |
| Memo        | :                   | Humidity    | : 68 %     |



| Item | Freq    | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|---------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz     | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 4825.94 | 42.55      | 5.65   | 48.20  | 74.00  | -25.80 | Peak   | 130     | 201     |

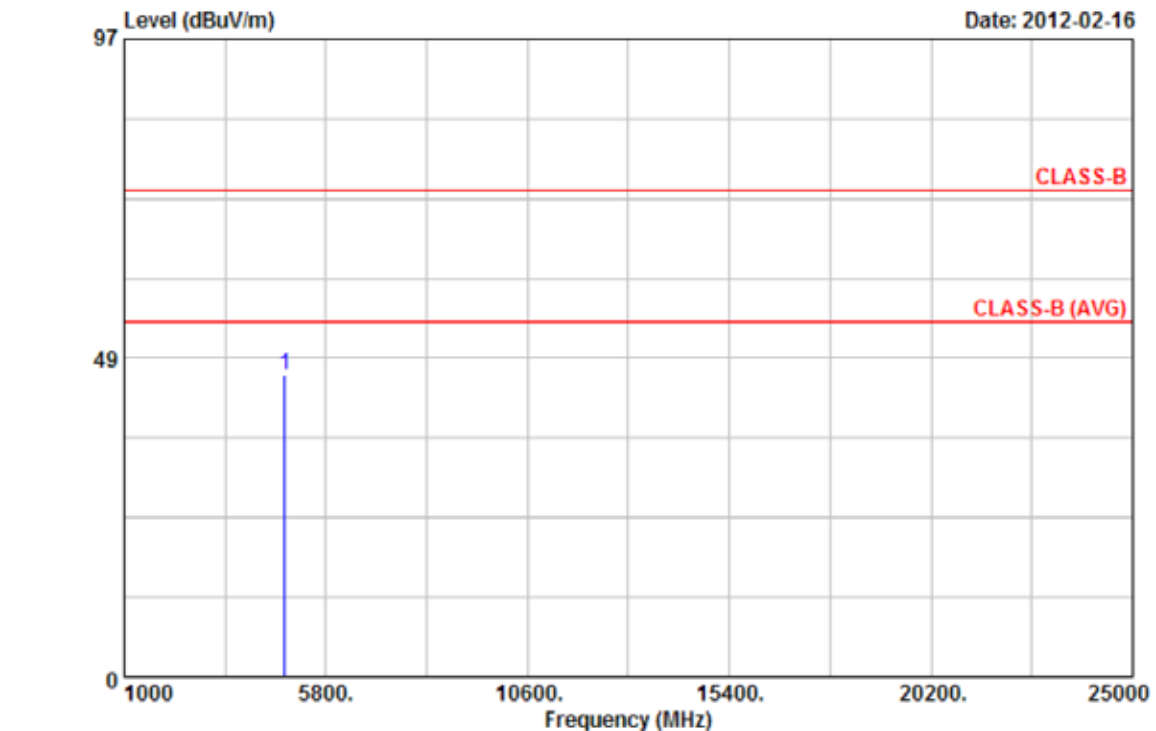
**Notes:**

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.





|             |                     |             |              |
|-------------|---------------------|-------------|--------------|
| Power       | : AC 120V           | Pol/Phase   | : HORIZONTAL |
| Test Mode 2 | : 802.11n HT20, CH1 | Temperature | : 20 °C      |
| Memo        | :                   | Humidity    | : 68 %       |



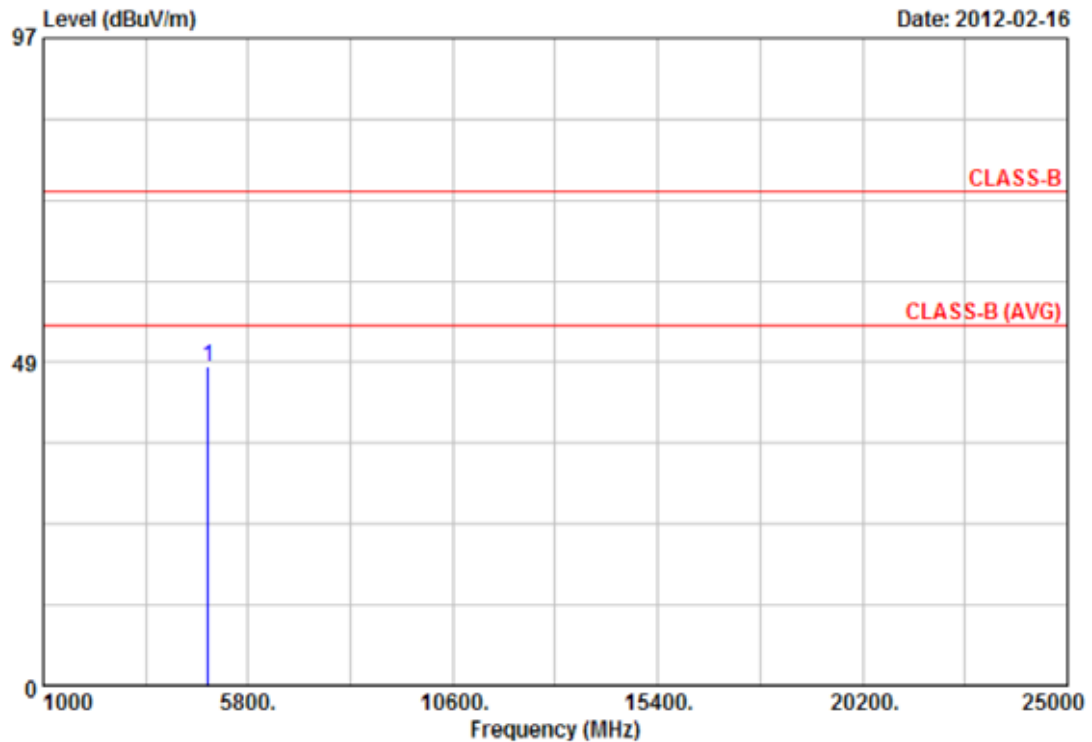
| Item | Freq    | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|---------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz     | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 4826.10 | 42.09      | 3.98   | 46.07  | 74.00  | -27.93 | Peak   | 130     | 58      |

**Notes:**

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



|             |                     |             |            |
|-------------|---------------------|-------------|------------|
| Power       | : AC 120V           | Pol/Phase   | : VERTICAL |
| Test Mode 2 | : 802.11n HT20, CH6 | Temperature | : 20 °C    |
| Memo        | :                   | Humidity    | : 68 %     |



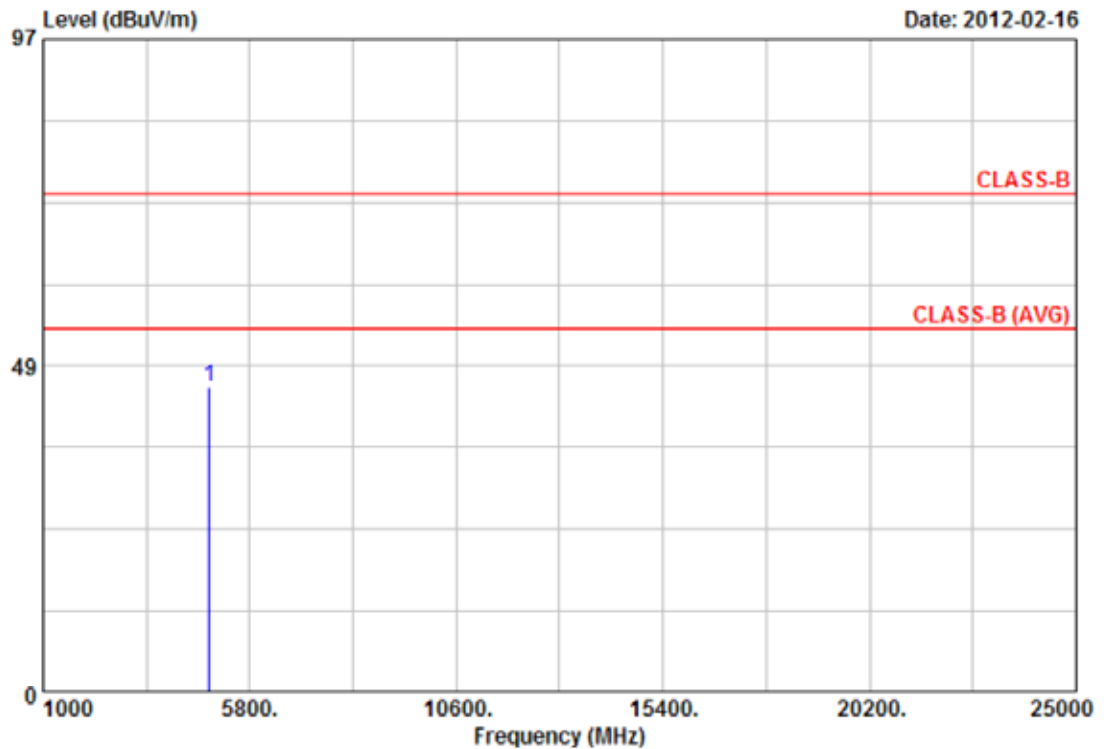
| Item | Freq    | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|---------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz     | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 4872.09 | 41.19      | 6.55   | 47.74  | 74.00  | -26.26 | Peak   | 130     | 201     |

**Notes:**

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



|             |                     |             |              |
|-------------|---------------------|-------------|--------------|
| Power       | : AC 120V           | Pol/Phase   | : HORIZONTAL |
| Test Mode 2 | : 802.11n HT20, CH6 | Temperature | : 20 °C      |
| Memo        | :                   | Humidity    | : 68 %       |



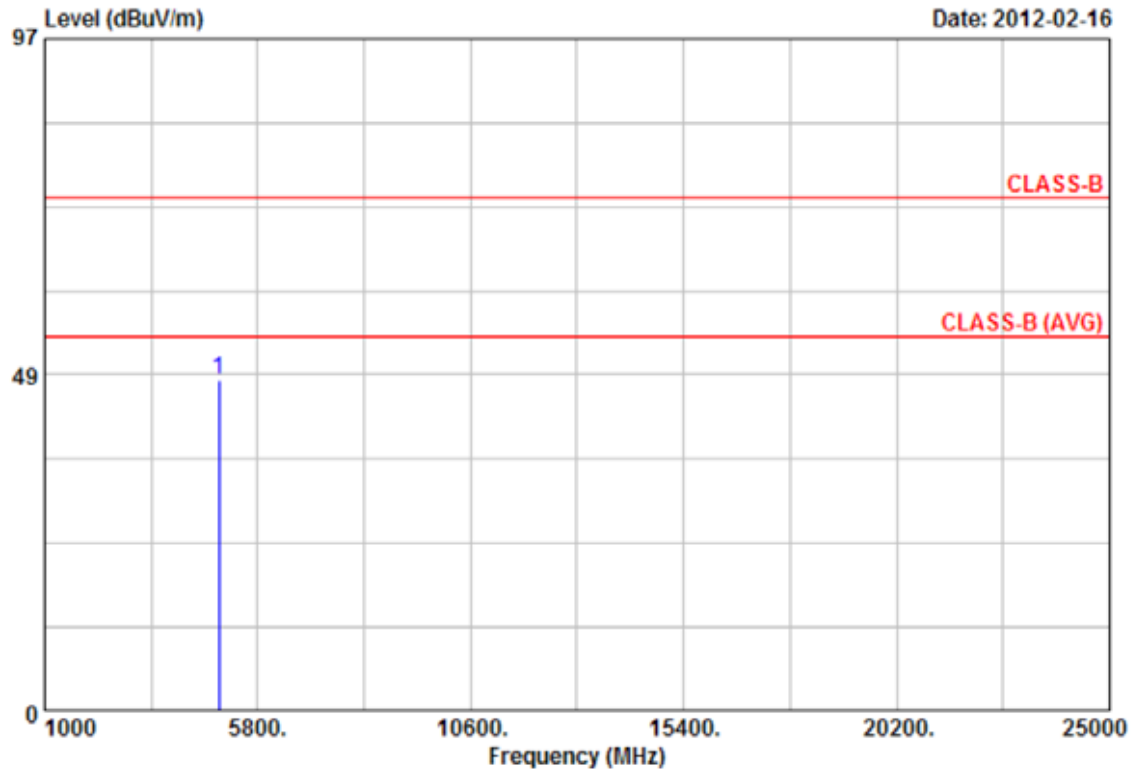
| Item | Freq    | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|---------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz     | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 4872.70 | 40.75      | 4.71   | 45.46  | 74.00  | -28.54 | Peak   | 130     | 58      |

**Notes:**

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



|             |                      |             |            |
|-------------|----------------------|-------------|------------|
| Power       | : AC 120V            | Pol/Phase   | : VERTICAL |
| Test Mode 2 | : 802.11n HT20, CH11 | Temperature | : 20 °C    |
| Memo        | :                    | Humidity    | : 68 %     |



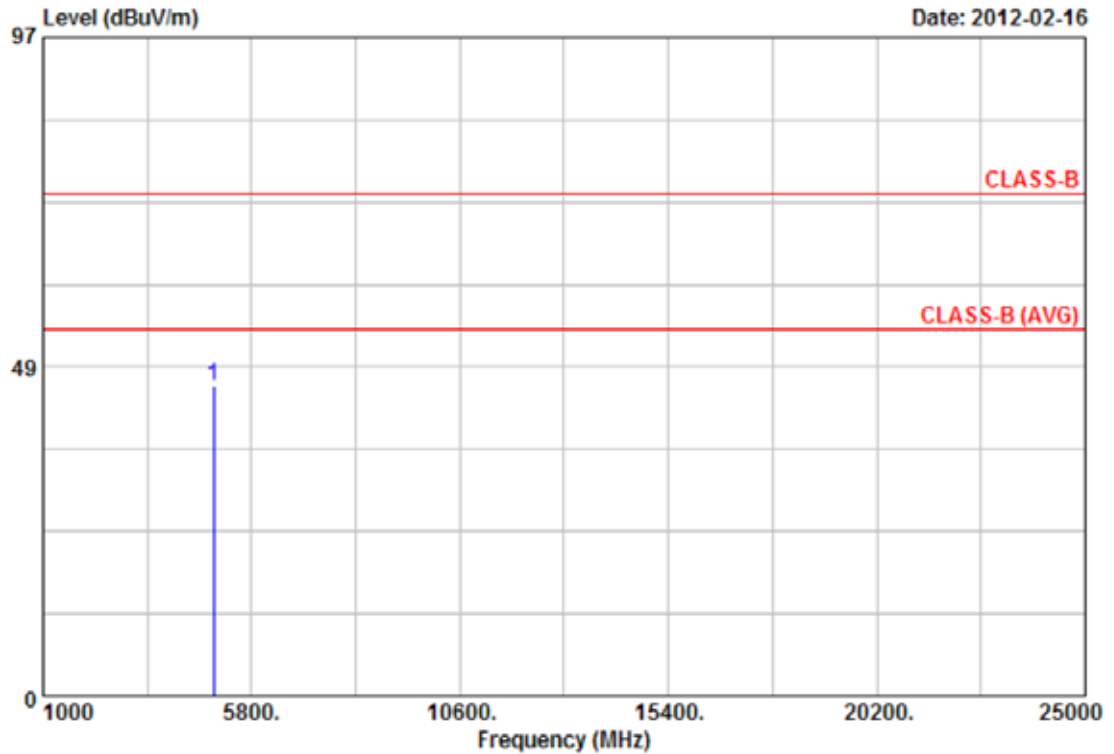
| Item | Freq    | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|---------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz     | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 4925.90 | 40.54      | 7.17   | 47.71  | 74.00  | -26.29 | Peak   | 130     | 201     |

## Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



|             |                      |             |              |
|-------------|----------------------|-------------|--------------|
| Power       | : AC 120V            | Pol/Phase   | : HORIZONTAL |
| Test Mode 2 | : 802.11n HT20, CH11 | Temperature | : 20 °C      |
| Memo        | :                    | Humidity    | : 68 %       |



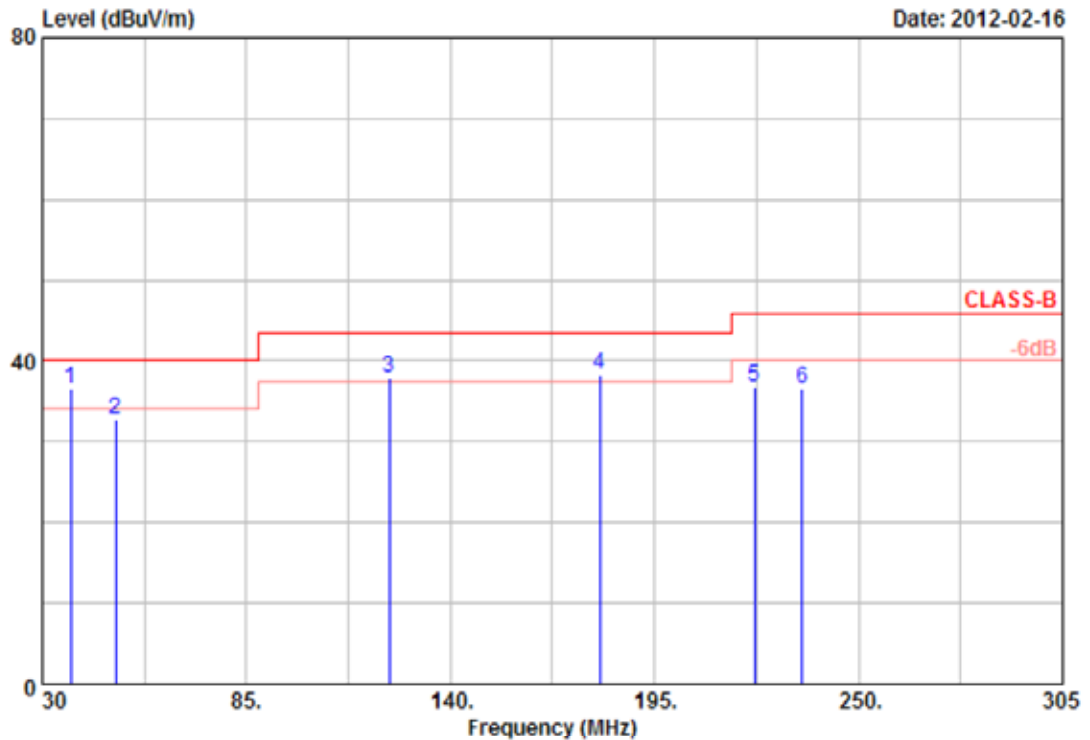
| Item | Freq    | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|---------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz     | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 4923.53 | 40.57      | 5.15   | 45.72  | 74.00  | -28.28 | Peak   | 130     | 58      |

**Notes:**

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



|             |                     |             |            |
|-------------|---------------------|-------------|------------|
| Power       | : AC 120V           | Pol/Phase   | : VERTICAL |
| Test Mode 2 | : 802.11n HT40, CH3 | Temperature | : 20 °C    |
| Memo        | :                   | Humidity    | : 68 %     |



| Item | Freq   | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|--------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz    | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 37.70  | 38.32      | -1.78  | 36.54  | 40.00  | -3.46  | QP     | 100     | 360     |
| 2    | 49.80  | 39.41      | -6.64  | 32.77  | 40.00  | -7.23  | Peak   | 100     | 360     |
| 3    | 123.50 | 42.75      | -4.84  | 37.91  | 43.50  | -5.59  | QP     | 100     | 360     |
| 4    | 180.15 | 43.54      | -5.15  | 38.39  | 43.50  | -5.11  | QP     | 100     | 360     |
| 5    | 221.95 | 43.19      | -6.32  | 36.87  | 46.00  | -9.13  | Peak   | 100     | 360     |
| 6    | 234.88 | 44.40      | -7.85  | 36.55  | 46.00  | -9.45  | Peak   | 100     | 360     |

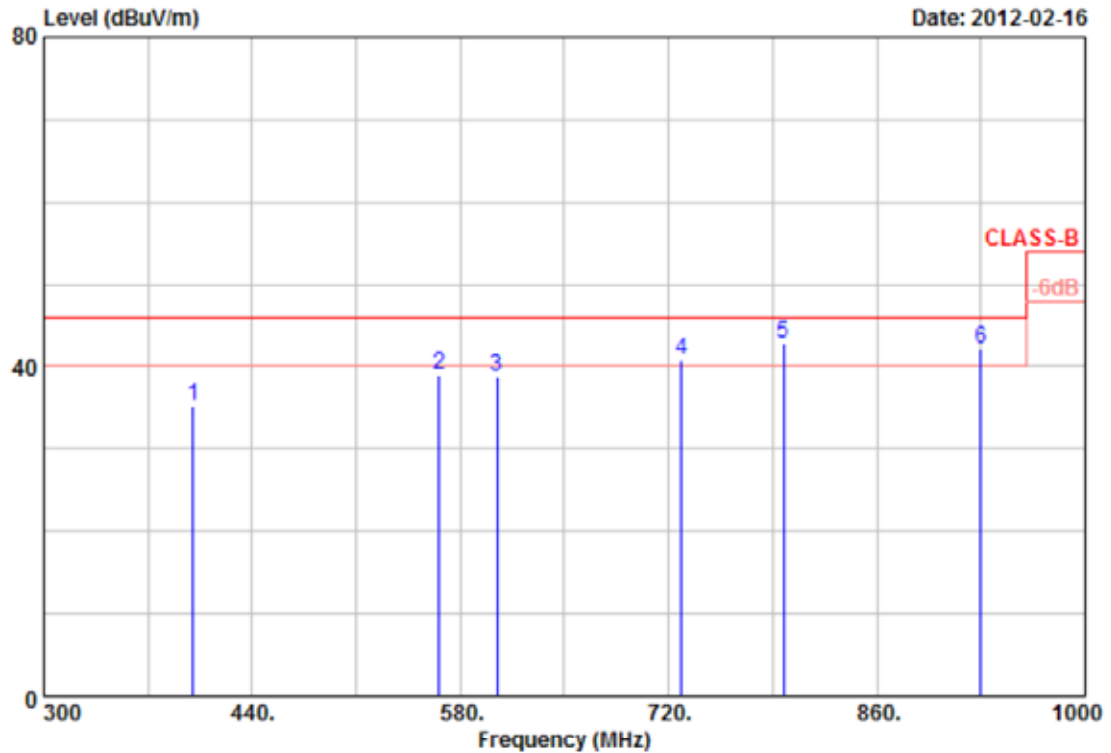
## Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.





|             |                     |             |            |
|-------------|---------------------|-------------|------------|
| Power       | : AC 120V           | Pol/Phase   | : VERTICAL |
| Test Mode 2 | : 802.11n HT40, CH3 | Temperature | : 20 °C    |
| Memo        | :                   | Humidity    | : 68 %     |



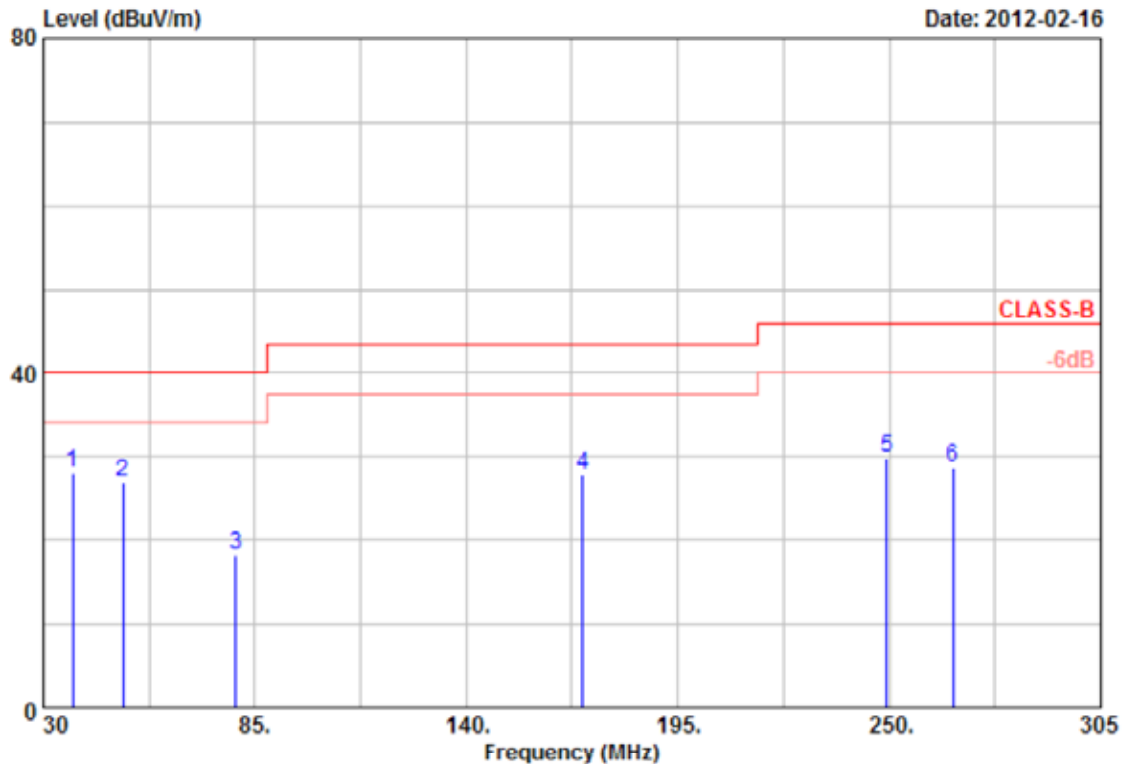
| Item | Freq   | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|--------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz    | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 400.10 | 40.53      | -5.39  | 35.14  | 46.00  | -10.86 | Peak   | 100     | 0       |
| 2    | 566.00 | 32.22      | 6.78   | 39.00  | 46.00  | -7.00  | Peak   | 100     | 0       |
| 3    | 604.50 | 35.73      | 2.96   | 38.69  | 46.00  | -7.31  | Peak   | 100     | 0       |
| 4    | 728.40 | 33.94      | 6.82   | 40.76  | 46.00  | -5.24  | QP     | 100     | 0       |
| 5    | 797.00 | 36.80      | 5.94   | 42.74  | 46.00  | -3.26  | QP     | 100     | 0       |
| 6    | 930.00 | 33.37      | 8.73   | 42.10  | 46.00  | -3.90  | QP     | 100     | 0       |

## Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



|             |                     |             |              |
|-------------|---------------------|-------------|--------------|
| Power       | : AC 120V           | Pol/Phase   | : HORIZONTAL |
| Test Mode 2 | : 802.11n HT40, CH3 | Temperature | : 20 °C      |
| Memo        | :                   | Humidity    | : 68 %       |



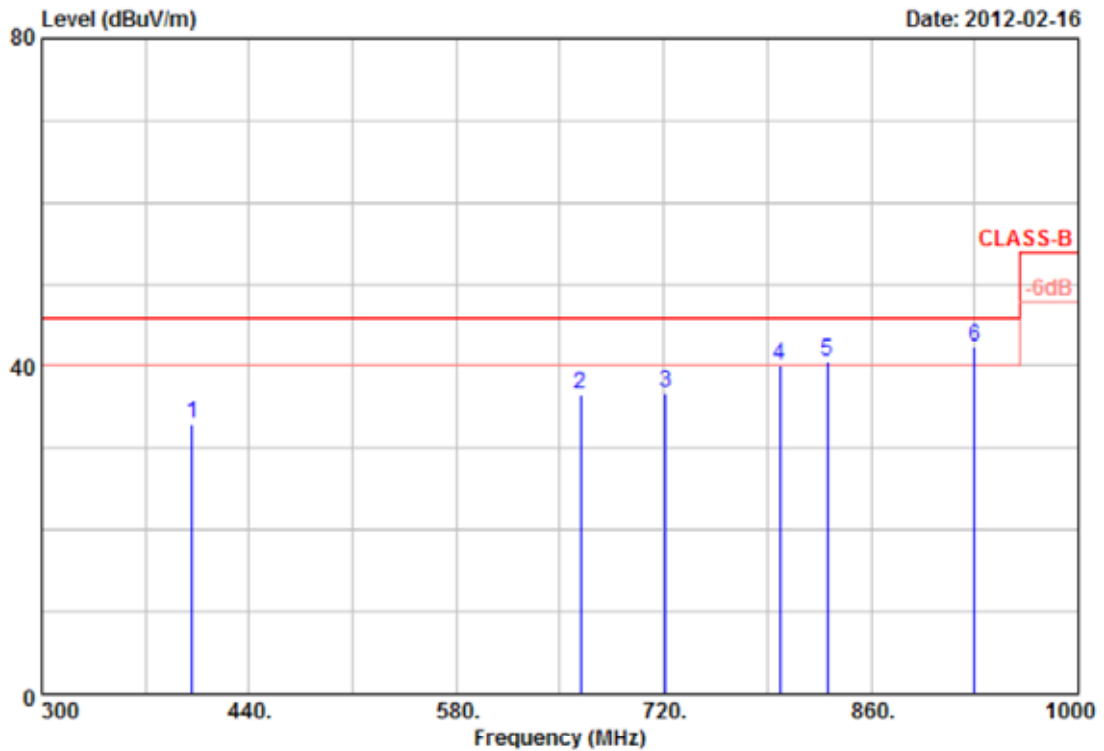
| Item | Freq   | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|--------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz    | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 37.70  | 35.12      | -7.05  | 28.07  | 40.00  | -11.93 | Peak   | 100     | 360     |
| 2    | 50.63  | 36.39      | -9.38  | 27.01  | 40.00  | -12.99 | Peak   | 100     | 360     |
| 3    | 80.05  | 36.82      | -18.63 | 18.19  | 40.00  | -21.81 | Peak   | 100     | 360     |
| 4    | 170.25 | 39.04      | -11.29 | 27.75  | 43.50  | -15.75 | Peak   | 100     | 360     |
| 5    | 249.45 | 43.32      | -13.50 | 29.82  | 46.00  | -16.18 | Peak   | 100     | 360     |
| 6    | 266.50 | 42.77      | -13.94 | 28.83  | 46.00  | -17.17 | Peak   | 100     | 360     |

## Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



|             |                     |             |              |
|-------------|---------------------|-------------|--------------|
| Power       | : AC 120V           | Pol/Phase   | : HORIZONTAL |
| Test Mode 2 | : 802.11n HT40, CH3 | Temperature | : 20 °C      |
| Memo        | :                   | Humidity    | : 68 %       |



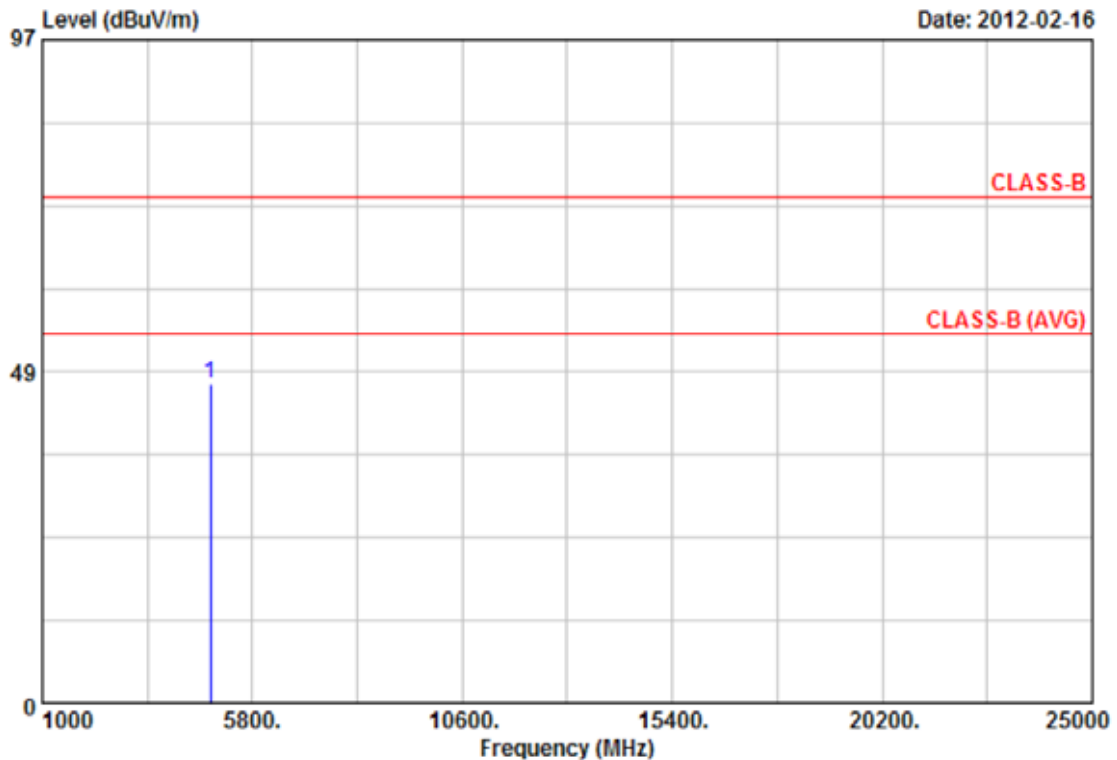
| Item | Freq   | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|--------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz    | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 401.50 | 42.08      | -9.02  | 33.06  | 46.00  | -12.94 | Peak   | 100     | 0       |
| 2    | 664.00 | 36.71      | -0.22  | 36.49  | 46.00  | -9.51  | Peak   | 100     | 0       |
| 3    | 721.40 | 32.86      | 3.99   | 36.85  | 46.00  | -9.15  | Peak   | 100     | 0       |
| 4    | 798.40 | 34.03      | 6.07   | 40.10  | 46.00  | -5.90  | QP     | 100     | 0       |
| 5    | 830.60 | 32.07      | 8.59   | 40.66  | 46.00  | -5.34  | QP     | 100     | 0       |
| 6    | 930.00 | 35.62      | 6.82   | 42.44  | 46.00  | -3.56  | QP     | 100     | 0       |

## Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



|             |                     |             |            |
|-------------|---------------------|-------------|------------|
| Power       | : AC 120V           | Pol/Phase   | : VERTICAL |
| Test Mode 2 | : 802.11n HT40, CH3 | Temperature | : 20 °C    |
| Memo        | :                   | Humidity    | : 68 %     |



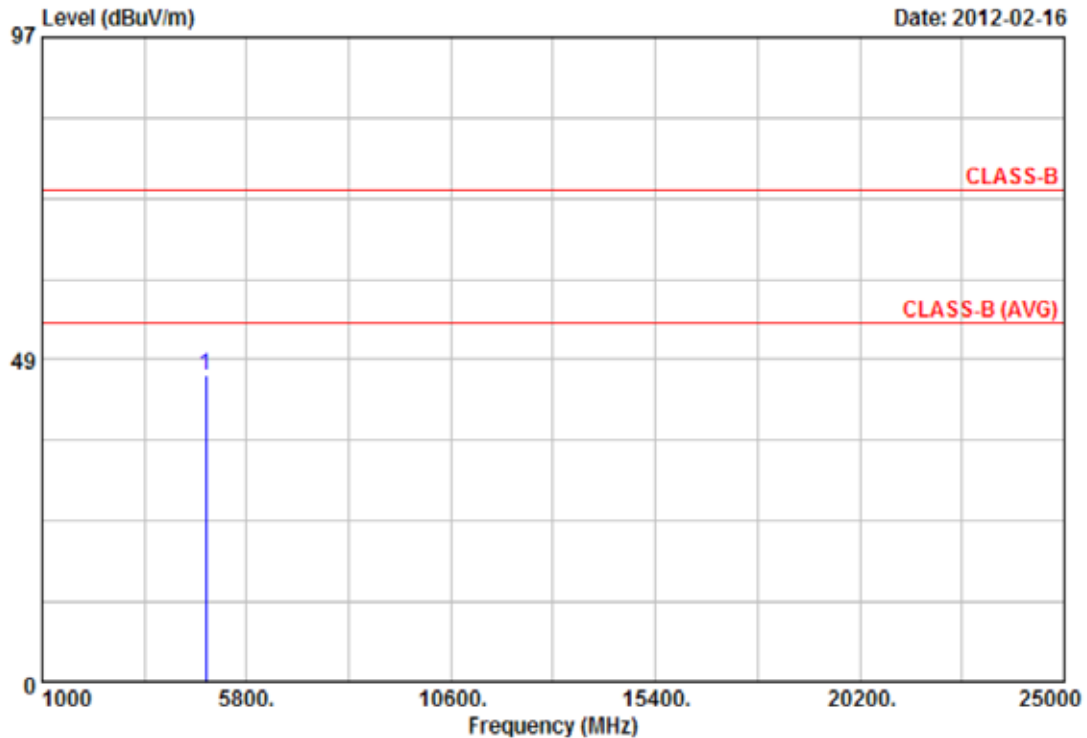
| Item | Freq    | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|---------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz     | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 4846.26 | 40.70      | 6.05   | 46.75  | 74.00  | -27.25 | Peak   | 130     | 201     |

## Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



|             |                     |             |              |
|-------------|---------------------|-------------|--------------|
| Power       | : AC 120V           | Pol/Phase   | : HORIZONTAL |
| Test Mode 2 | : 802.11n HT40, CH3 | Temperature | : 20 °C      |
| Memo        | :                   | Humidity    | : 68 %       |



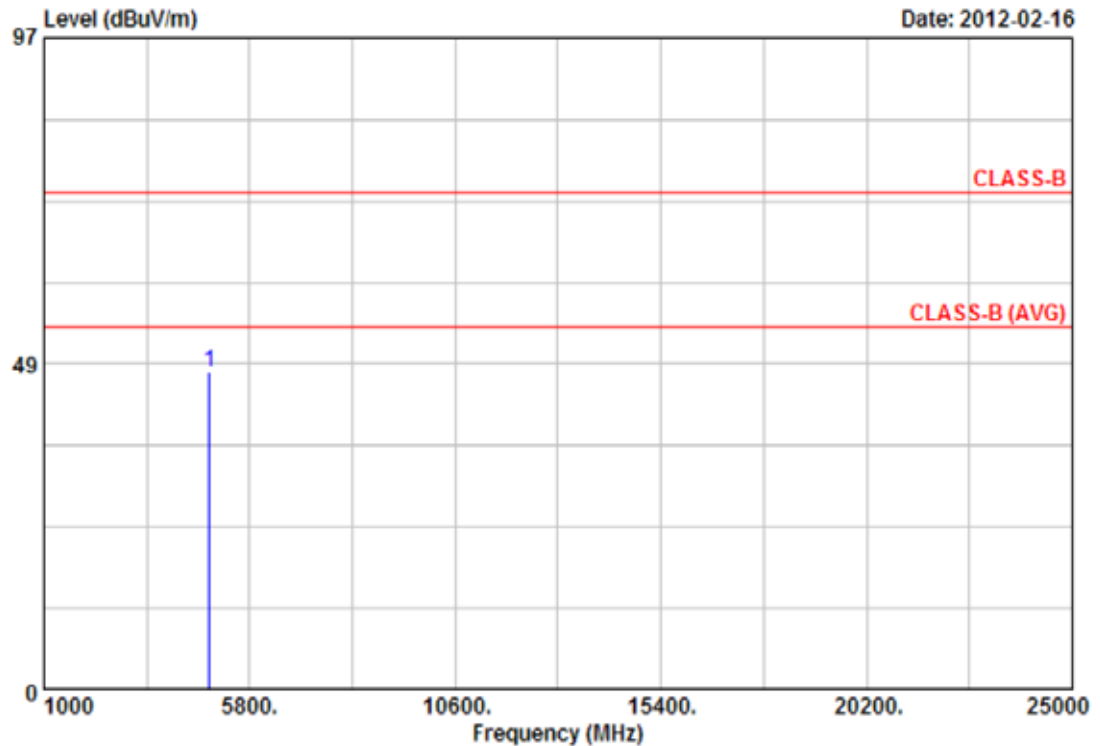
| Item | Freq    | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|---------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz     | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 4844.15 | 41.91      | 4.26   | 46.17  | 74.00  | -27.83 | Peak   | 130     | 58      |

**Notes:**

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



|             |                     |             |            |
|-------------|---------------------|-------------|------------|
| Power       | : AC 120V           | Pol/Phase   | : VERTICAL |
| Test Mode 2 | : 802.11n HT40, CH6 | Temperature | : 20 °C    |
| Memo        | :                   | Humidity    | : 68 %     |



| Item | Freq    | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|---------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz     | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 4871.99 | 40.84      | 6.55   | 47.39  | 74.00  | -26.61 | Peak   | 130     | 201     |

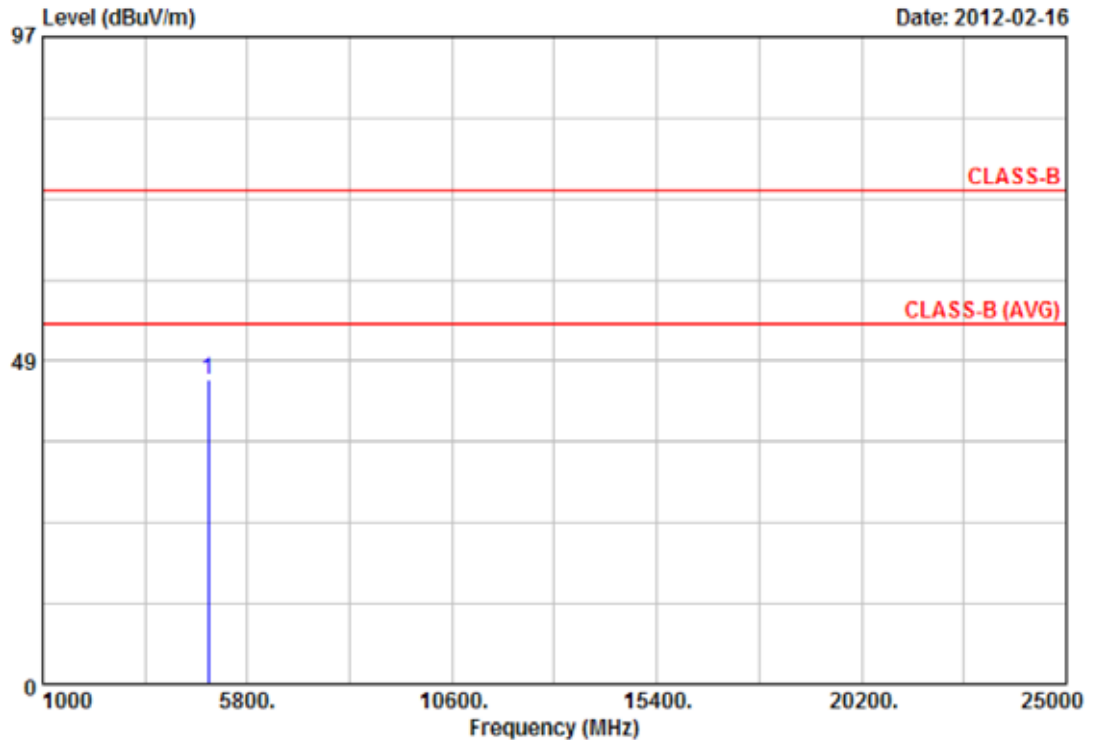
## Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.





|             |                     |             |              |
|-------------|---------------------|-------------|--------------|
| Power       | : AC 120V           | Pol/Phase   | : HORIZONTAL |
| Test Mode 2 | : 802.11n HT40, CH6 | Temperature | : 20 °C      |
| Memo        | :                   | Humidity    | : 68 %       |



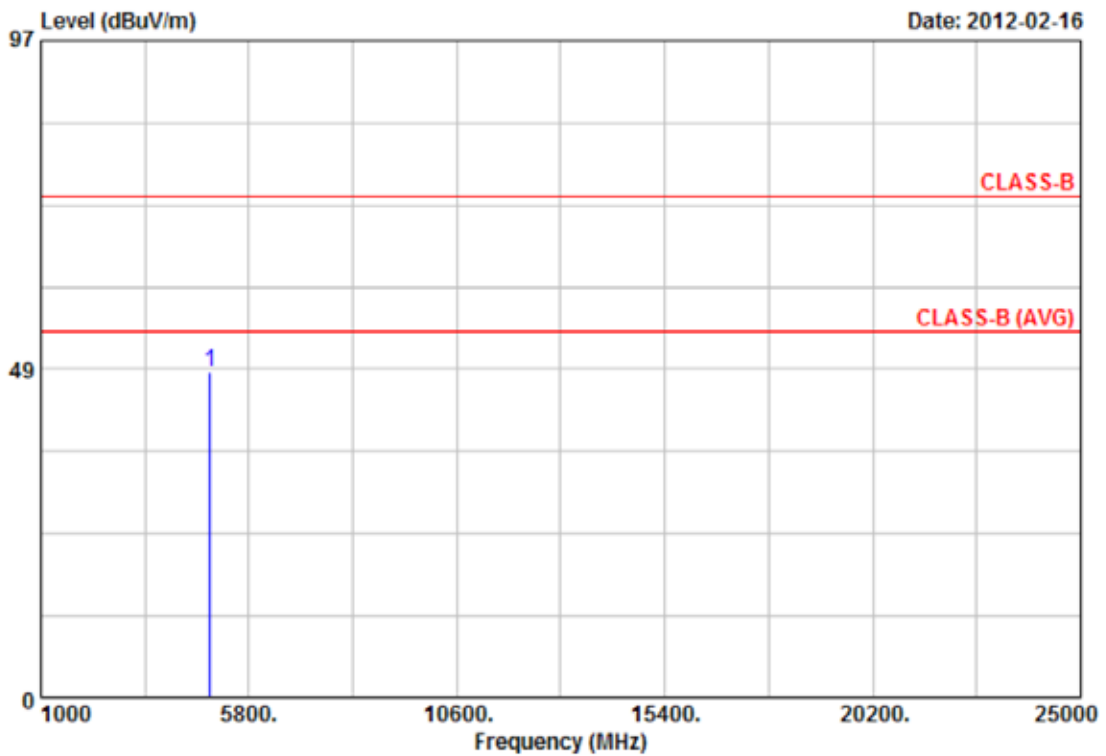
| Item | Freq    | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|---------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz     | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 4874.95 | 41.00      | 4.74   | 45.74  | 74.00  | -28.26 | Peak   | 130     | 58      |

## Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



|             |                     |             |            |
|-------------|---------------------|-------------|------------|
| Power       | : AC 120V           | Pol/Phase   | : VERTICAL |
| Test Mode 2 | : 802.11n HT40, CH9 | Temperature | : 20 °C    |
| Memo        | :                   | Humidity    | : 68 %     |



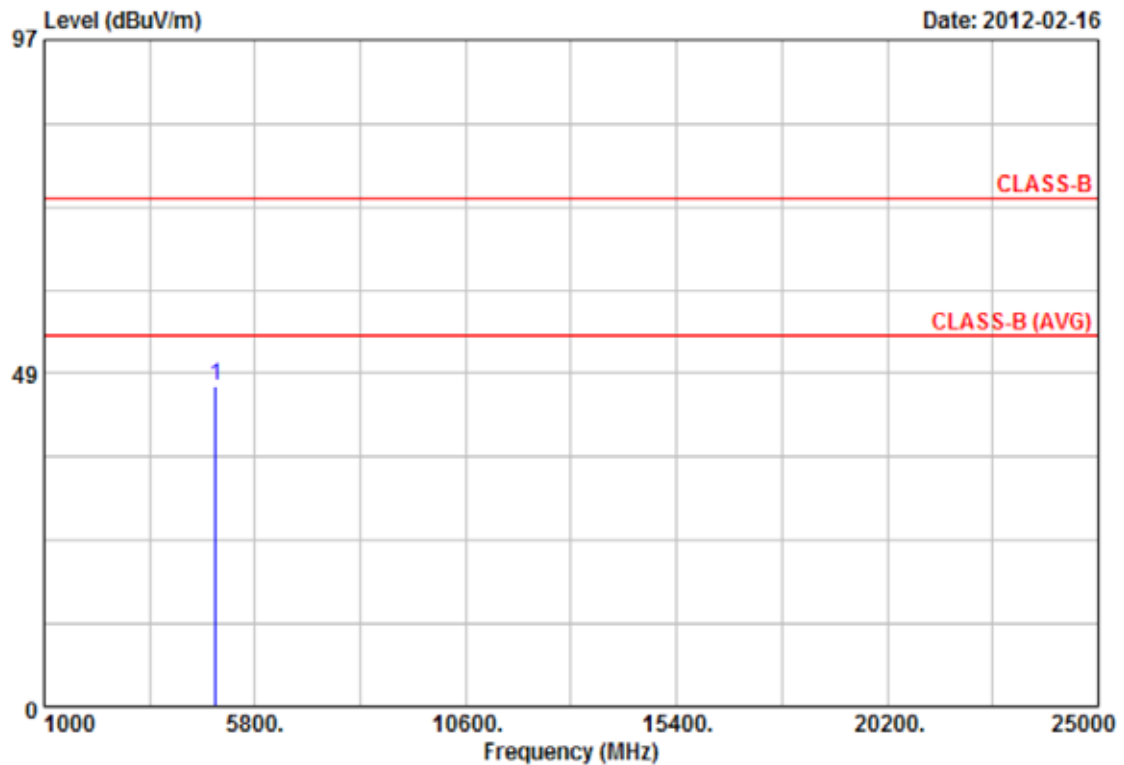
| Item | Freq    | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|---------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz     | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 4904.98 | 40.90      | 7.12   | 48.02  | 74.00  | -25.98 | Peak   | 130     | 201     |

## Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



|             |                     |             |              |
|-------------|---------------------|-------------|--------------|
| Power       | : AC 120V           | Pol/Phase   | : HORIZONTAL |
| Test Mode 2 | : 802.11n HT40, CH9 | Temperature | : 20 °C      |
| Memo        | :                   | Humidity    | : 68 %       |



| Item | Freq    | Read Value | Factor | Result | Limit  | Margin | Remark | Ant Pos | Tab Pos |
|------|---------|------------|--------|--------|--------|--------|--------|---------|---------|
|      | MHz     | dBuV       | dB/m   | dBuV/m | dBuV/m | dB     |        | cm      | Deg     |
| 1    | 4904.15 | 41.56      | 5.14   | 46.70  | 74.00  | -27.30 | Peak   | 130     | 58      |

## Notes:

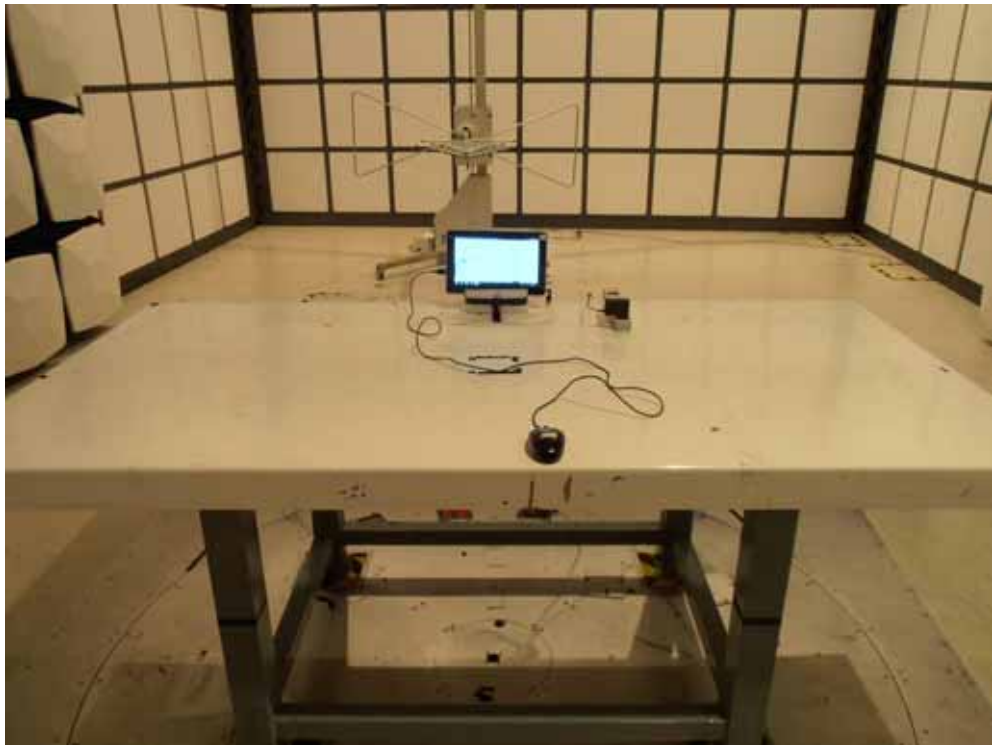
1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300KHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Test engineer:

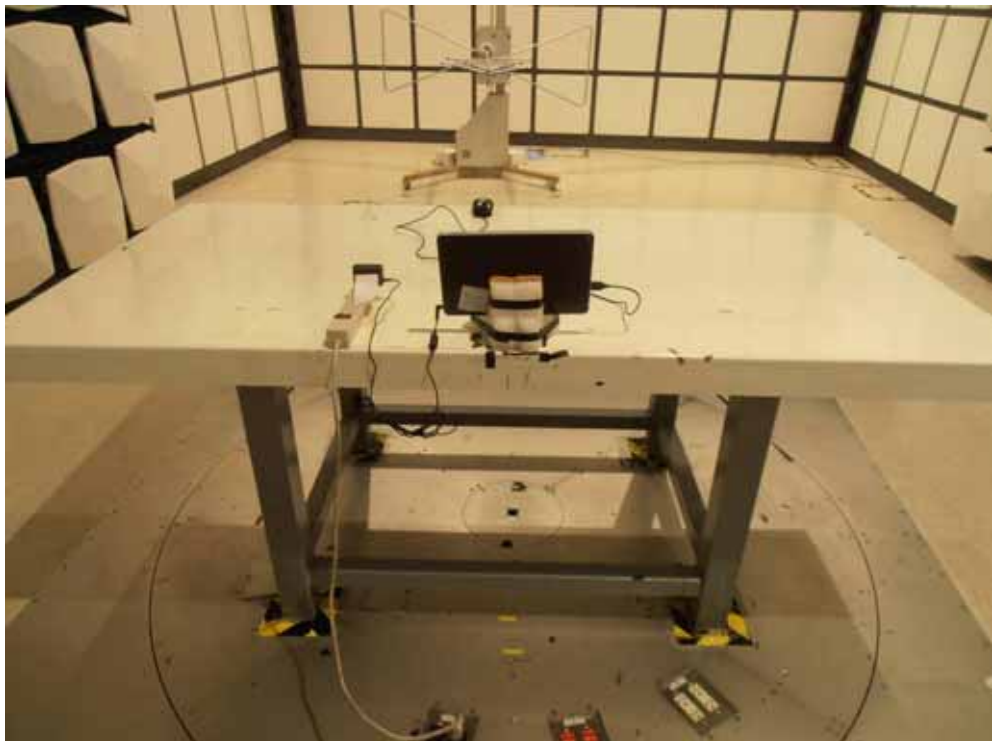


## 5.6 Test Photographs (30MHz ~ 1GHz)

Front View



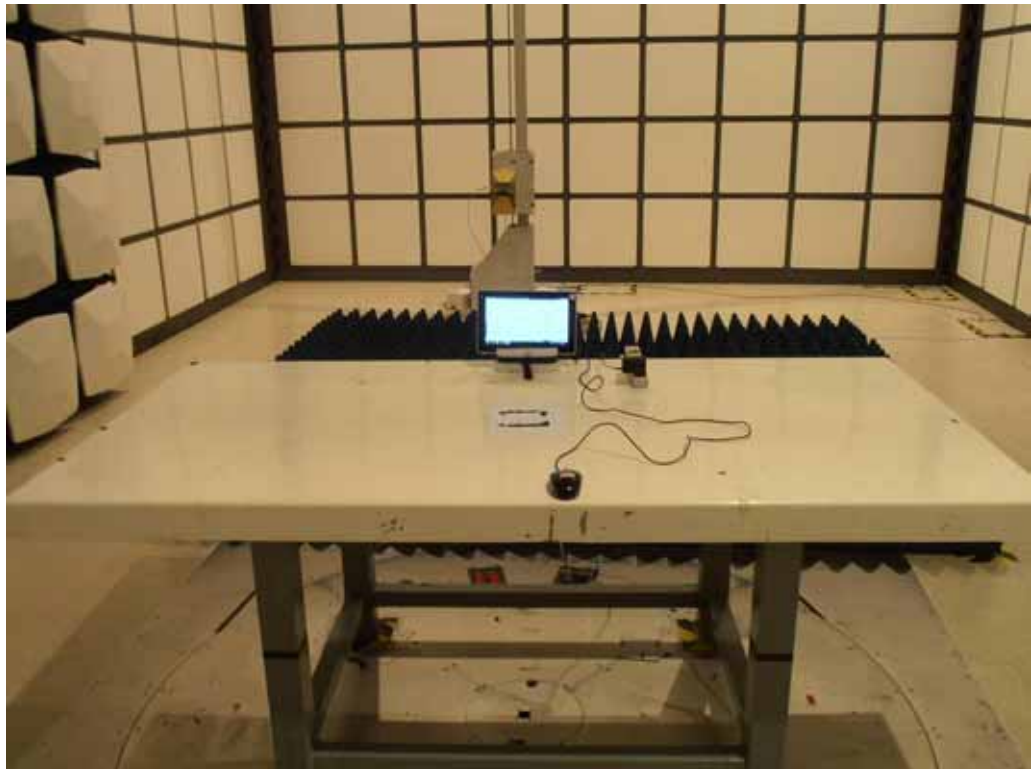
Rear View



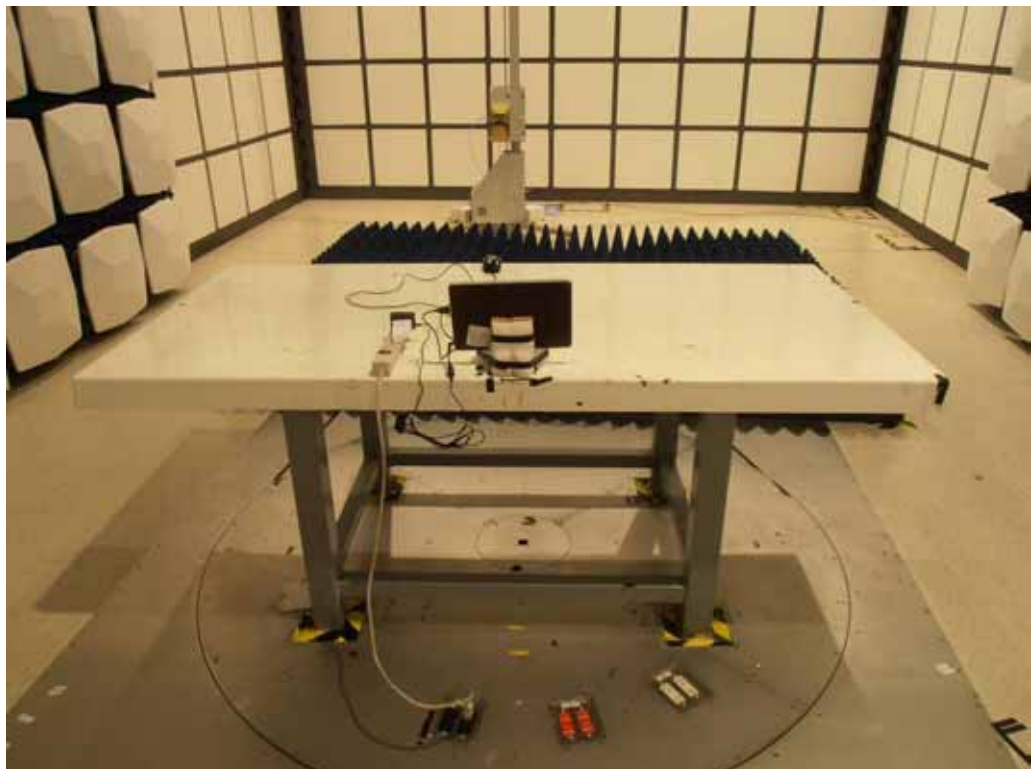


## 5.7 Test Photographs (1GHz ~ 25GHz)

Front View



Rear View







## 6. 6dB Bandwidth Measurement Data

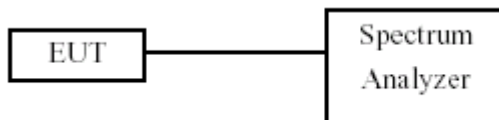
### 6.1 Test Limit

The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

### 6.2 Test Procedures

- The transmitter output was connected to the spectrum analyzer.
- Set RBW of spectrum analyzer to 1~5% of the emission bandwidth and VBW  $\geq$  3x RBW.
- The 6 dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6 dB.
- The 6dB Bandwidth was measured and recorded.

### 6.3 Test Setup Layout



### 6.4 Measurement Equipment

| Instrument/Ancillary | Manufacturer | Model No. | Serial No. | Calibration Date | Valid Date |
|----------------------|--------------|-----------|------------|------------------|------------|
| Spectrum Analyzer    | R&S          | FSP40     | 100219     | 2011/11/24       | 2012/11/23 |

### 6.5 Test Result and Data

Test Date: Feb. 04, 2012

Temperature: 20°C

Atmospheric pressure: 1020 hPa

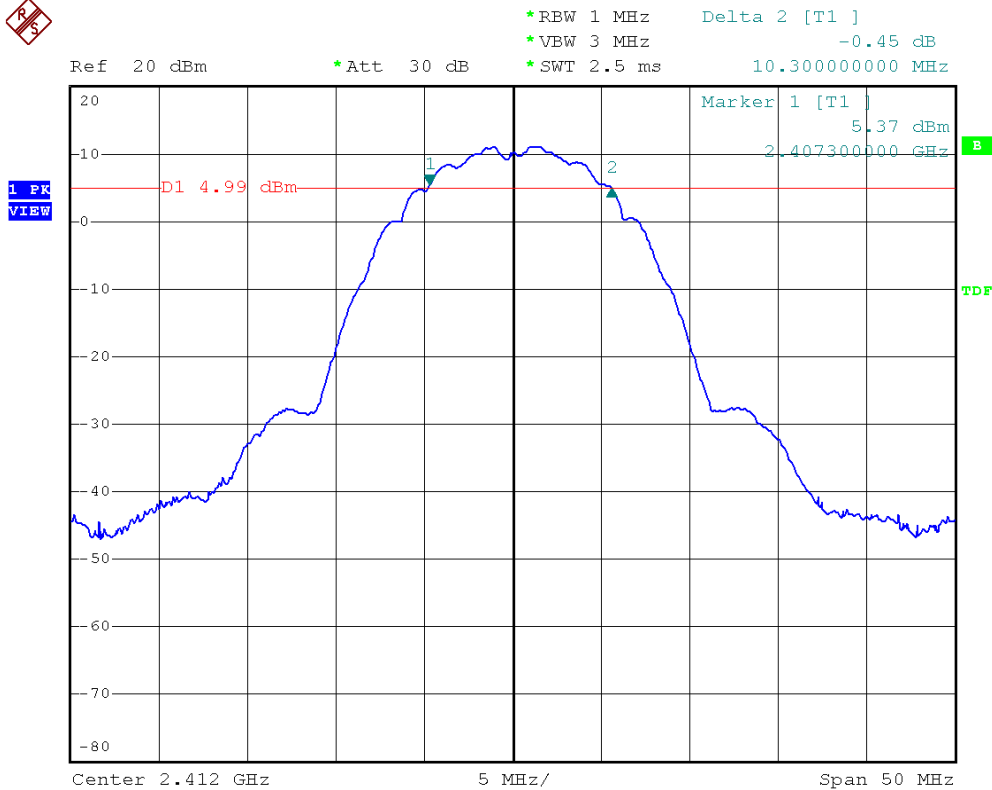
Humidity: 68%

| Modulation Standard     | Channel | Frequency (MHz) | 6dB Bandwidth (MHz) |
|-------------------------|---------|-----------------|---------------------|
| 802.11b (11Mbps)        | 01      | 2412            | 10.3                |
|                         | 06      | 2437            | 10.2                |
|                         | 11      | 2462            | 10.2                |
| 802.11g (54Mbps)        | 01      | 2412            | 16.5                |
|                         | 06      | 2437            | 16.5                |
|                         | 11      | 2462            | 16.5                |
| 802.11n HT20 (6.5Mbps)  | 01      | 2412            | 17.4                |
|                         | 06      | 2437            | 17.5                |
|                         | 11      | 2462            | 17.5                |
| 802.11n HT40 (13.5Mbps) | 03      | 2422            | 36.2                |
|                         | 06      | 2437            | 36.2                |
|                         | 09      | 2452            | 36.2                |

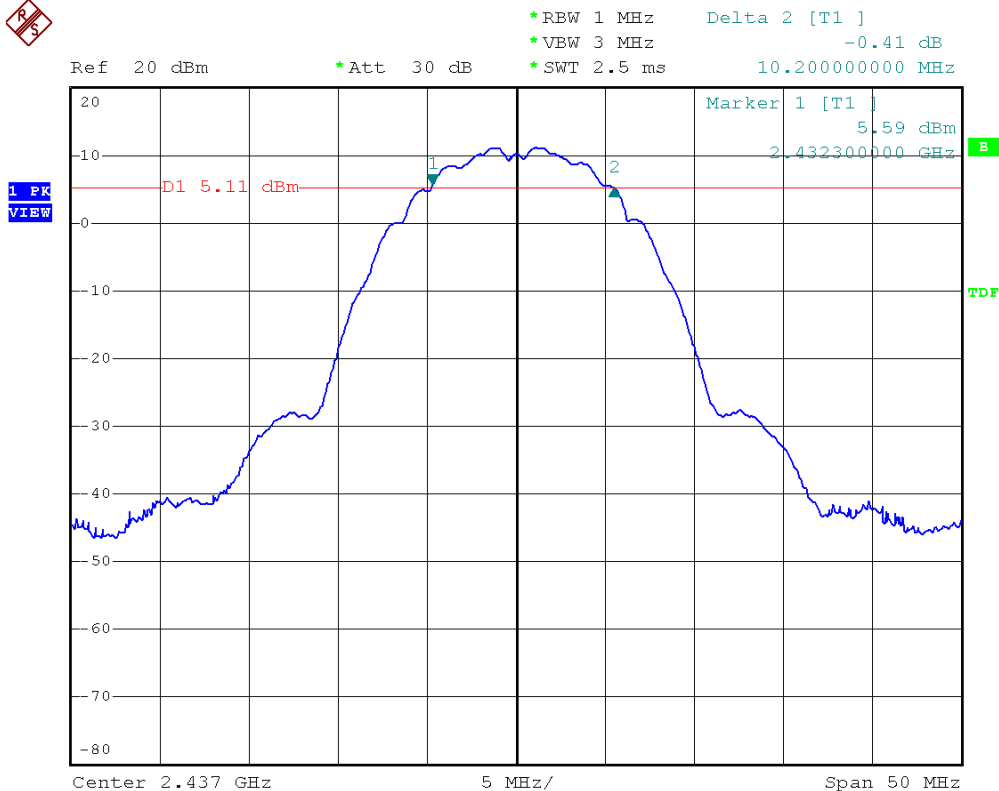




Modulation Standard: 802.11b (11Mbps)  
Channel: 01

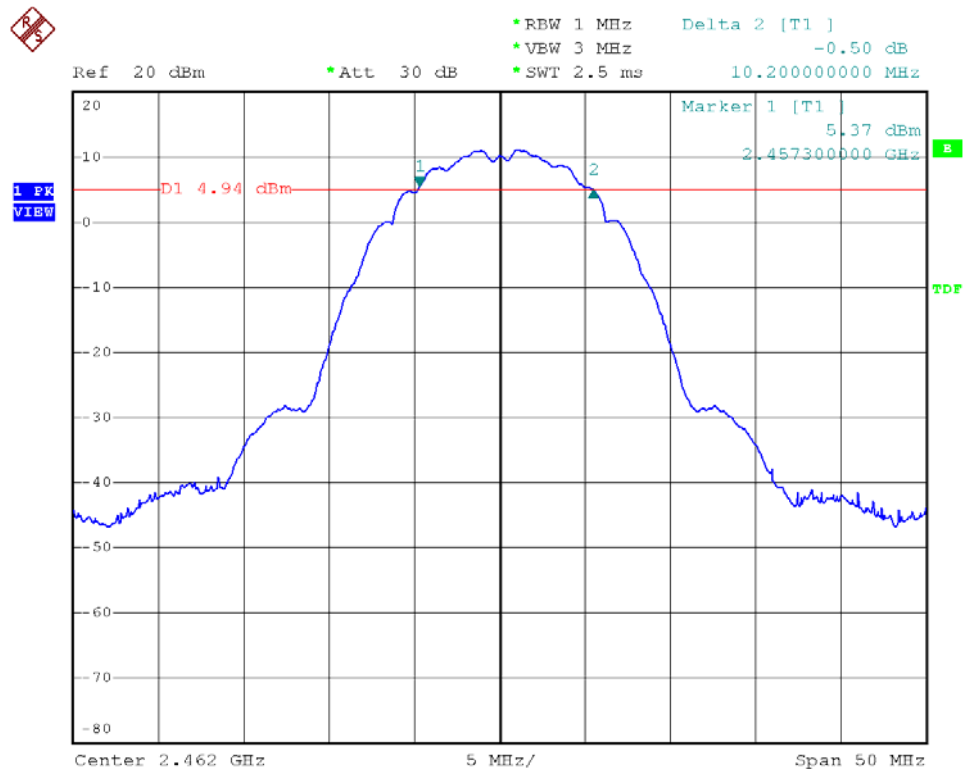


Modulation Standard: 802.11b (11Mbps)  
Channel: 06

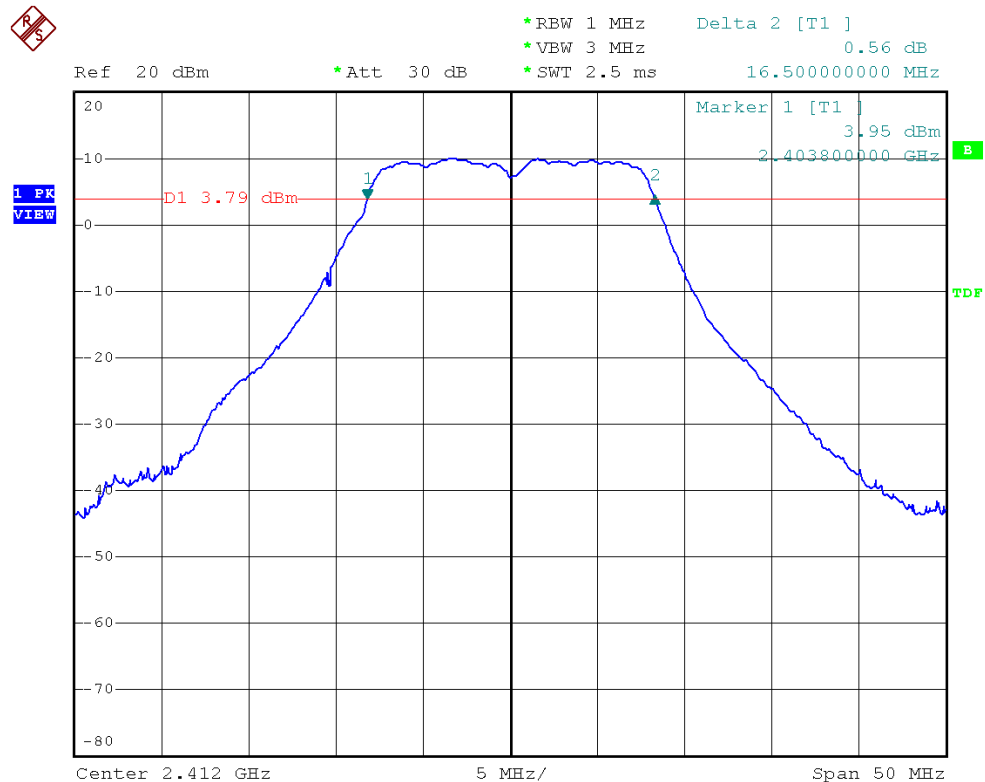




Modulation Standard: 802.11b (11Mbps)  
Channel: 11

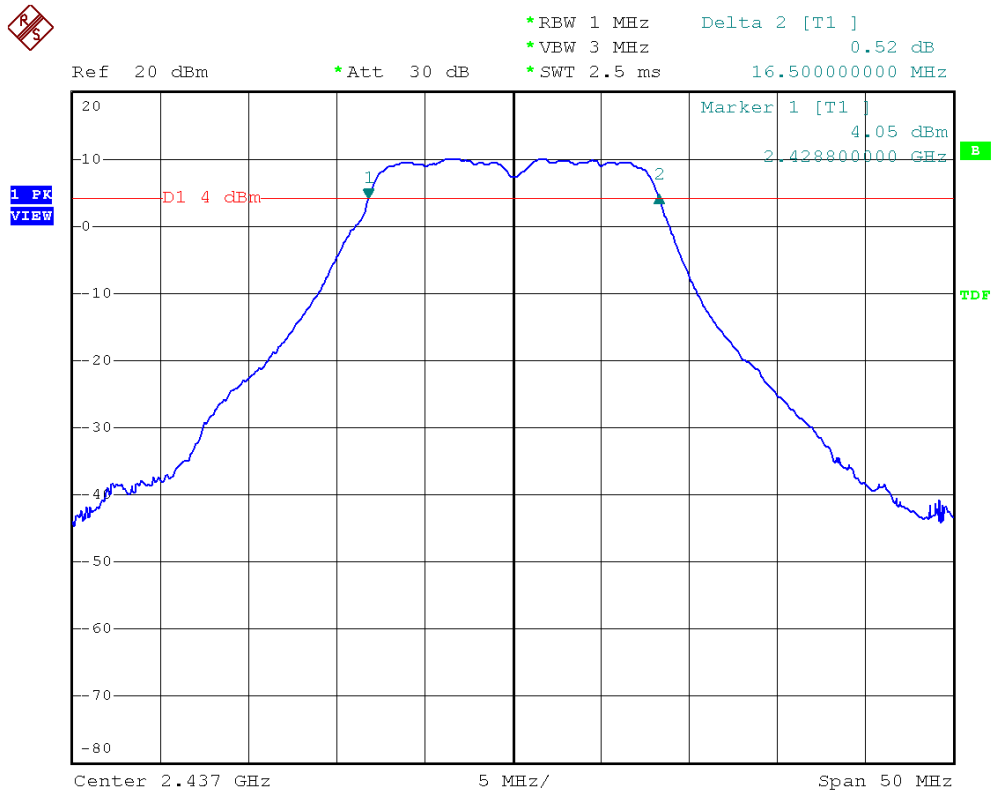


Modulation Standard: 802.11g (54Mbps)  
Channel: 01

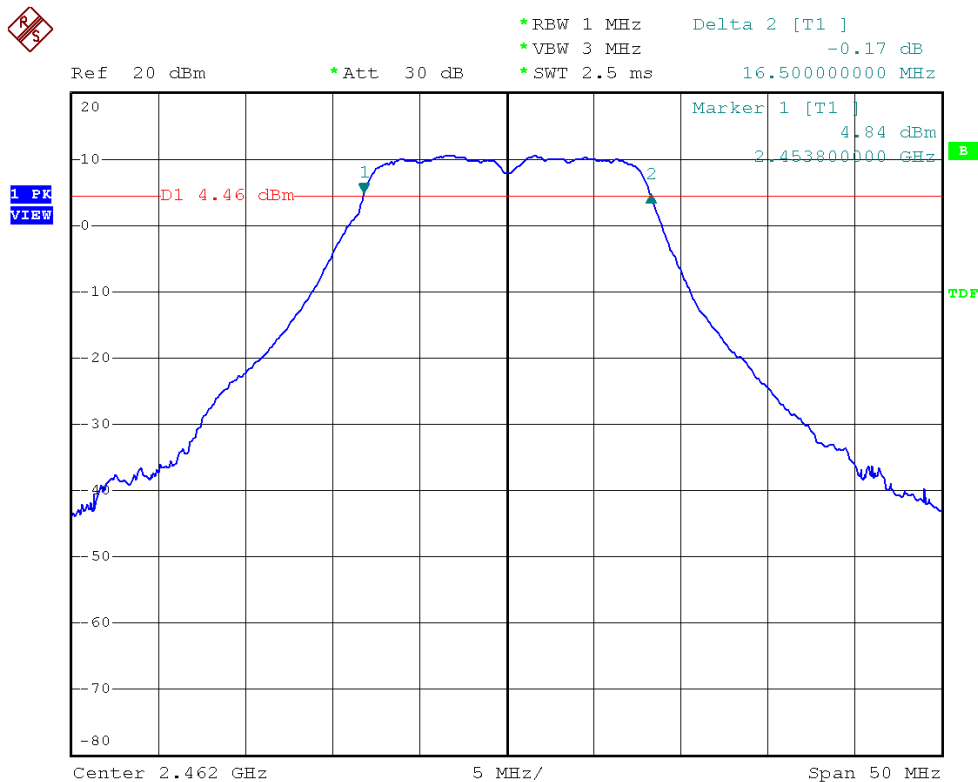




Modulation Standard: 802.11g (54Mbps)  
Channel: 06

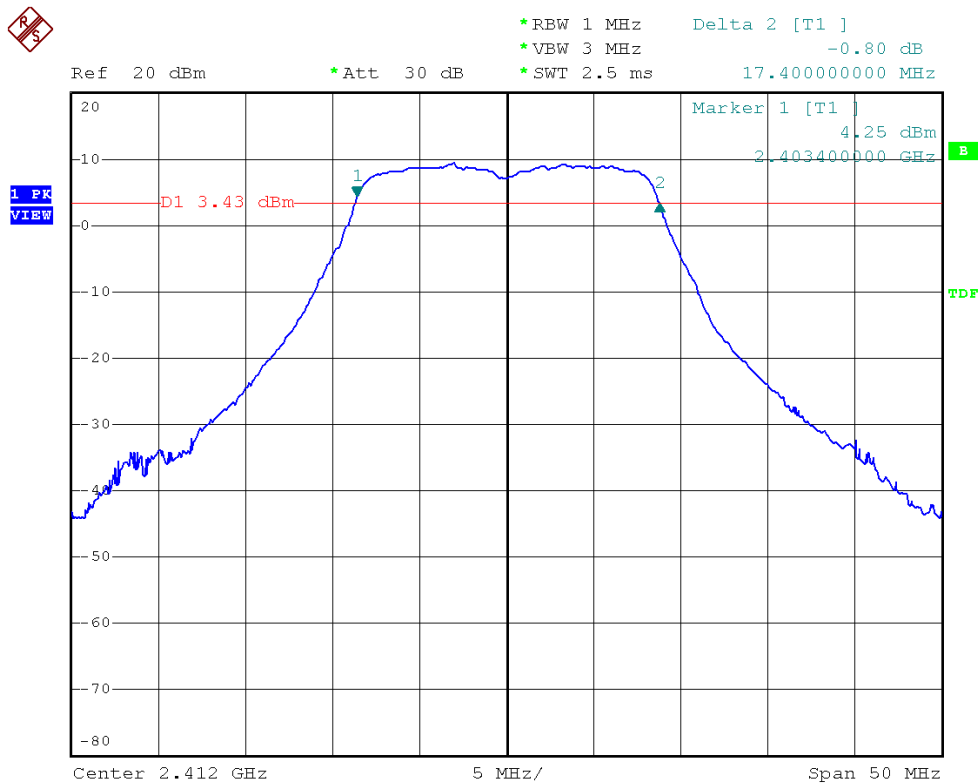


Modulation Standard: 802.11g (54Mbps)  
Channel: 11

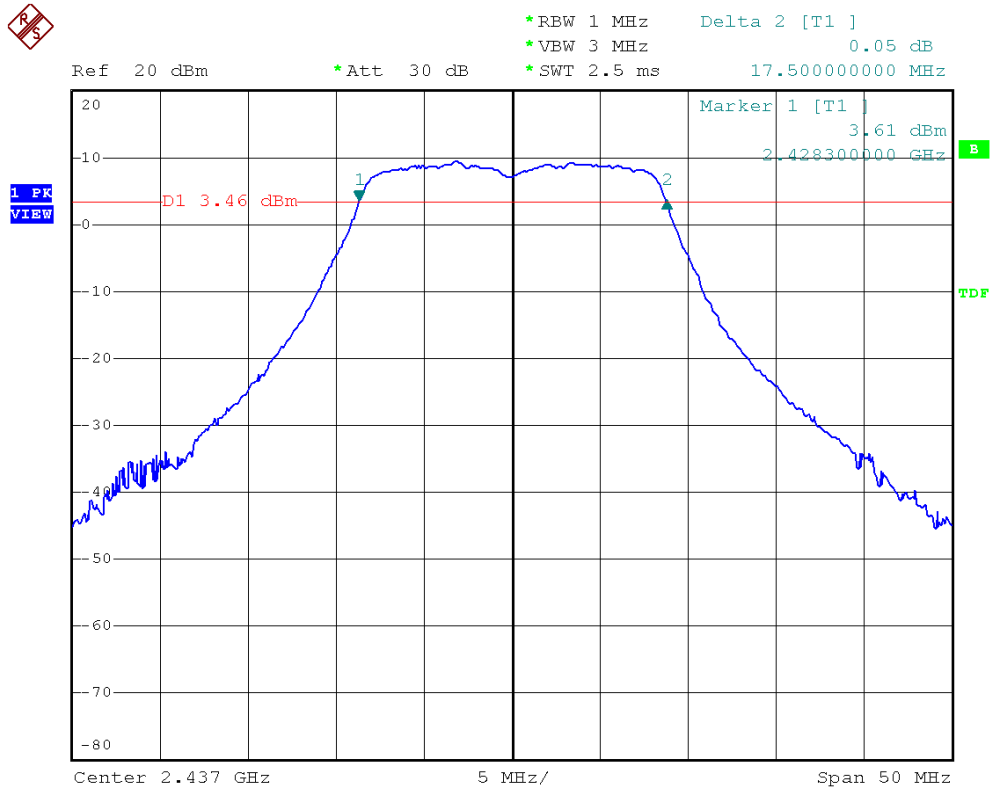




Modulation Standard: 802.11n HT20 (6.5Mbps)  
Channel: 01

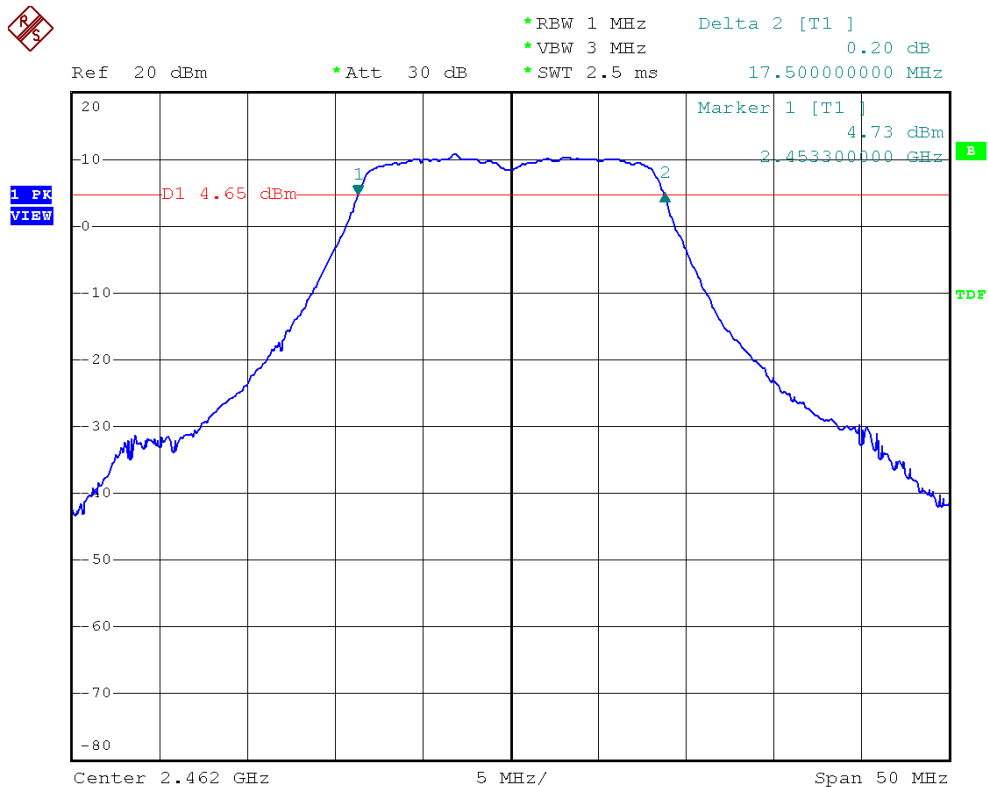


Modulation Standard: 802.11n HT20 (6.5Mbps)  
Channel: 06

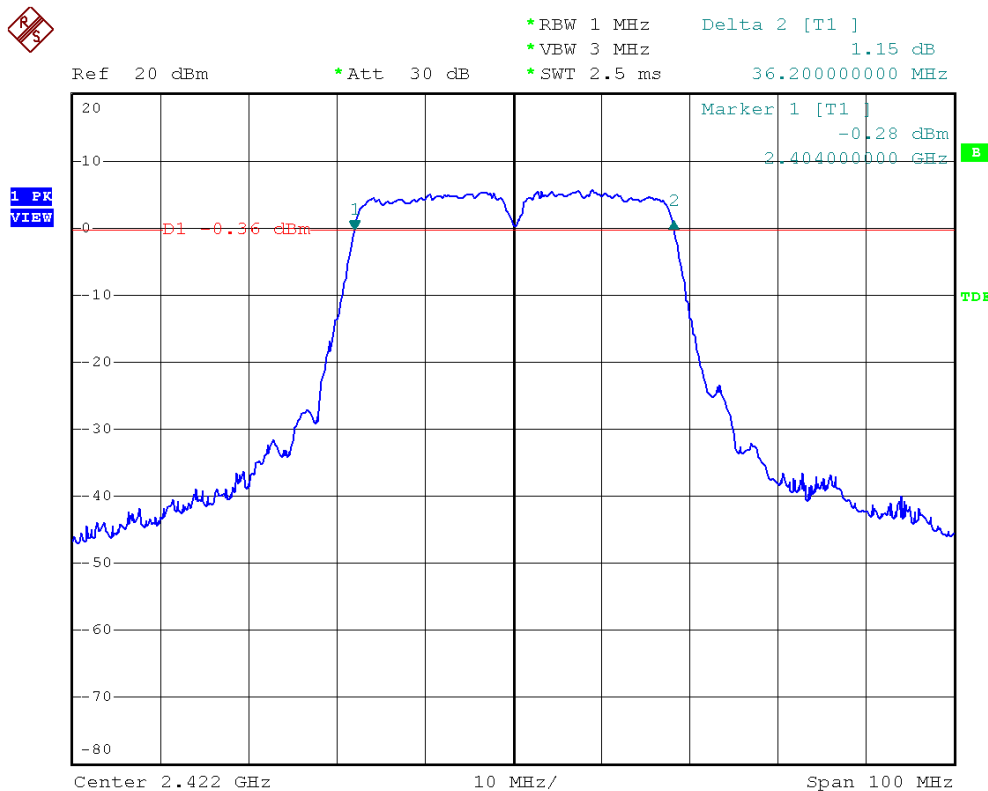




Modulation Standard: 802.11n HT20 (13.5Mbps)  
Channel: 11

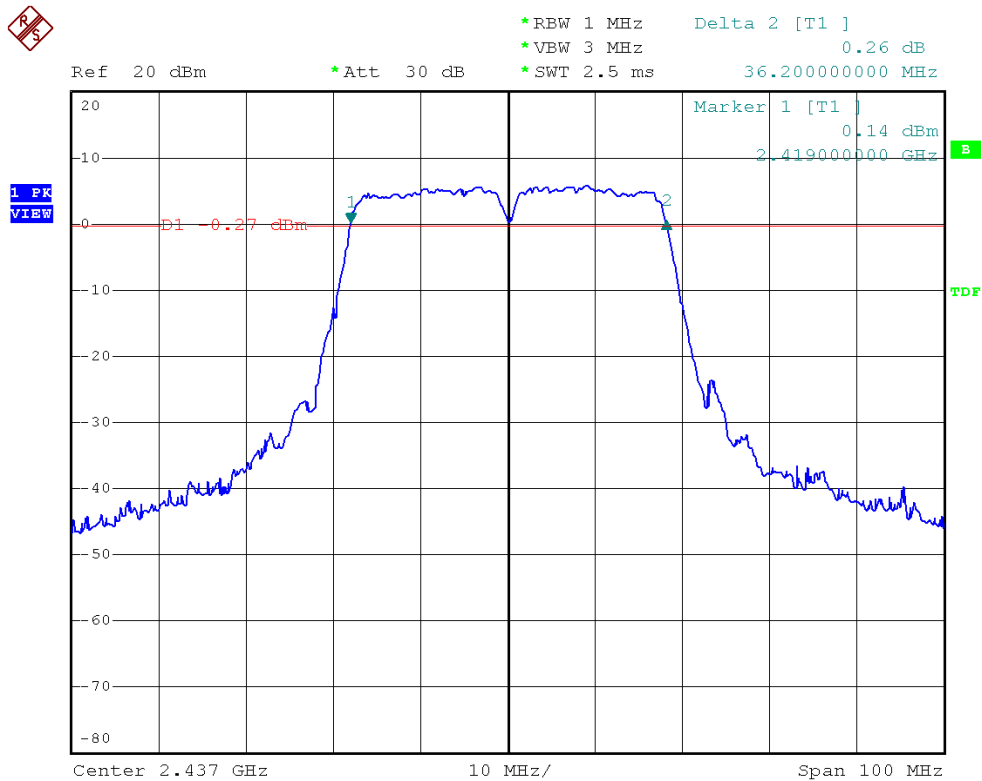


Modulation Standard: 802.11n HT40 (13.5Mbps)  
Channel: 03





Modulation Standard: 802.11n HT40 (13.5Mbps)  
Channel: 06



Modulation Standard: 802.11n HT40 (13.5Mbps)  
Channel: 09

