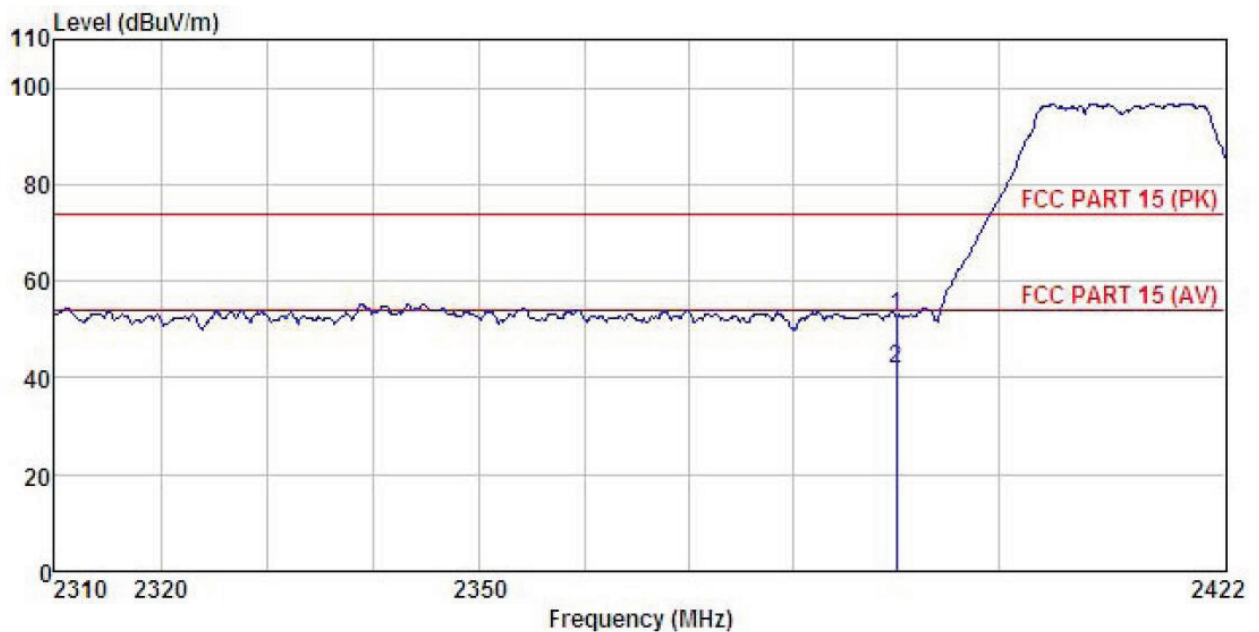


Vertical:



Site : 3m chamber  
 Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) VERTICAL  
 EUT : INTEL Tablet PC  
 Model : W10  
 Test mode : n20-L mode  
 Power Rating : AC 120V/60Hz  
 Environment : Temp:25.5°C Humi:55%  
 Test Engineer: Viki  
 Remark :

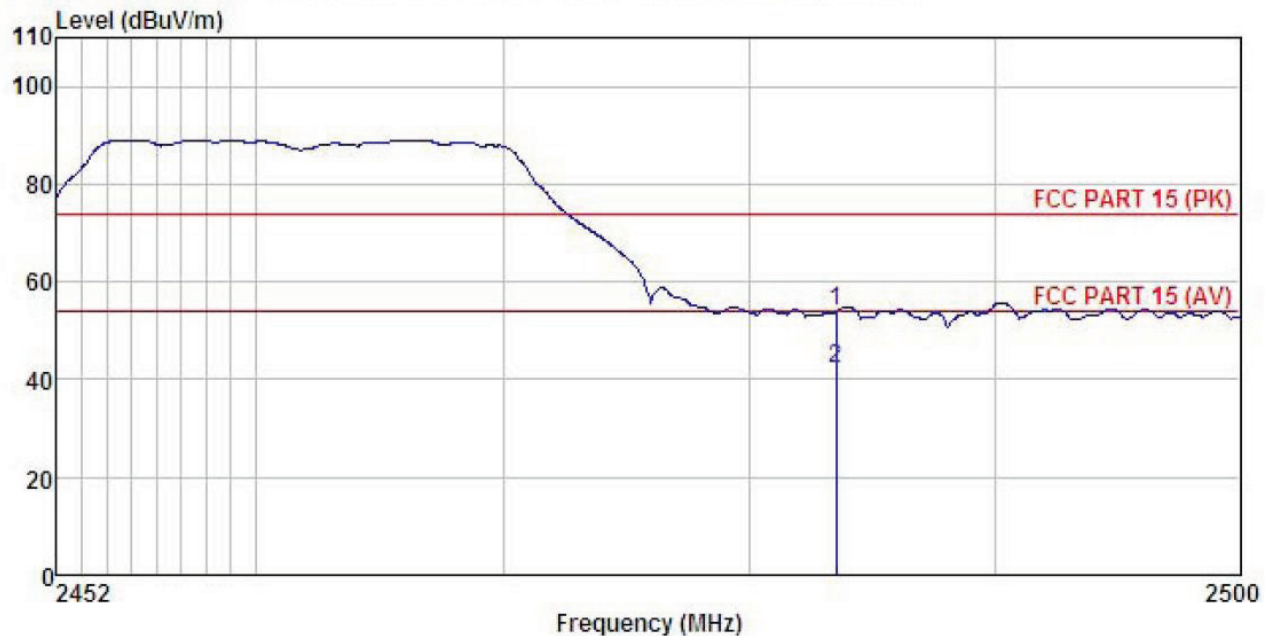
|       |          | ReadAntenna | Cable Preamp |        | Limit  | Over   |                      |
|-------|----------|-------------|--------------|--------|--------|--------|----------------------|
| Freq  | Level    | Factor      | Loss         | Factor | Level  | Line   | Limit                |
| ----- | -----    | -----       | -----        | -----  | -----  | -----  | -----                |
| MHz   | dBuV     | dB/m        | dB           | dB     | dBuV/m | dBuV/m | dB                   |
| 1     | 2390.000 | 18.58       | 27.58        | 6.63   | 0.00   | 52.79  | 74.00 -21.21 Peak    |
| 2     | 2390.000 | 7.69        | 27.58        | 6.63   | 0.00   | 41.90  | 54.00 -12.10 Average |

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2. The emission levels of other frequencies are very lower than the limit and not show in test report.

Test channel: Highest

Horizontal:



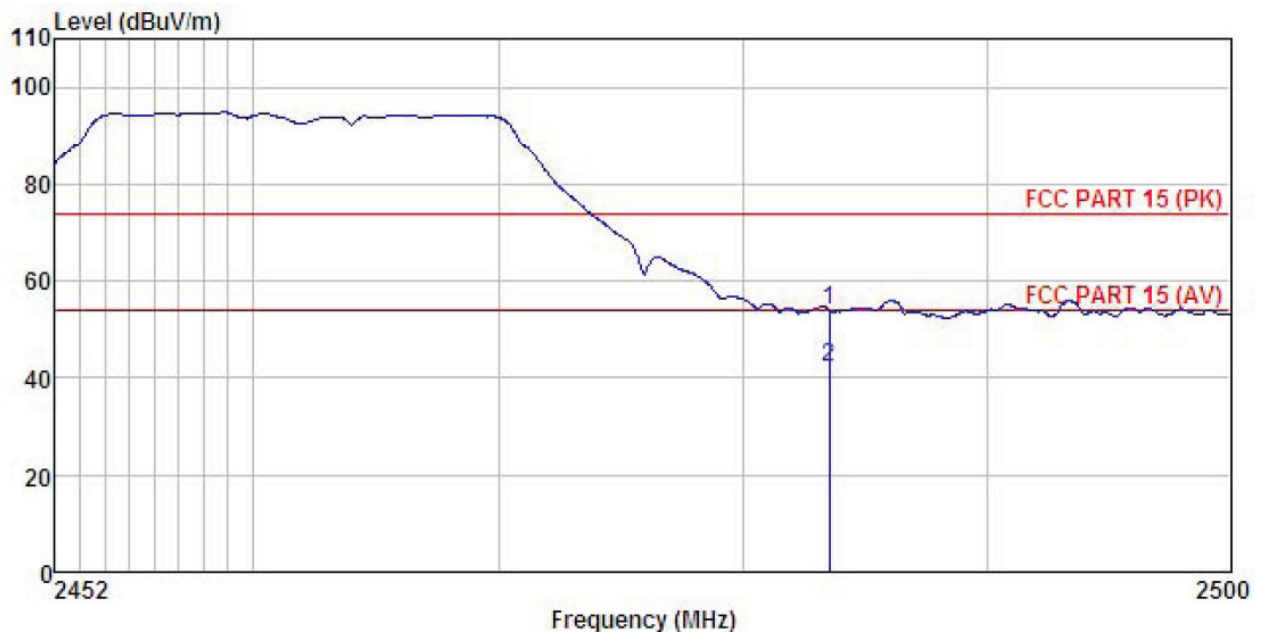
Site : 3m chamber  
 Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) HORIZONTAL  
 EUT : INTEL Tablet PC  
 Model : W10  
 Test mode : n20-H mode  
 Power Rating : AC 120V/60Hz  
 Environment : Temp:25.5°C Humi:55%  
 Test Engineer: Viki  
 Remark :

|   | Freq     | Read  | Antenna | Cable | Preamp | Level  | Limit  | Over   |         |
|---|----------|-------|---------|-------|--------|--------|--------|--------|---------|
|   |          | Level | Factor  | Loss  | Factor |        | Line   | Limit  | Remark  |
|   | MHz      | dBuV  | dB/m    | dB    | dB     | dBuV/m | dBuV/m | dB     |         |
| 1 | 2483.500 | 19.73 | 27.52   | 6.85  | 0.00   | 54.10  | 74.00  | -19.90 | Peak    |
| 2 | 2483.500 | 7.73  | 27.52   | 6.85  | 0.00   | 42.10  | 54.00  | -11.90 | Average |

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2. The emission levels of other frequencies are very lower than the limit and not show in test report.

Vertical:



Site : 3m chamber  
 Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) VERTICAL  
 EUT : INTEL Tablet PC  
 Model : W10  
 Test mode : n20-H mode  
 Power Rating : AC 120V/60Hz  
 Environment : Temp:25.5°C Humi:55%  
 Test Engineer: Viki  
 Remark :

|   | Freq     | Read Level | Antenna Factor | Cable Loss | Preamp Factor | Level  | Limit  | Over Limit | Remark  |
|---|----------|------------|----------------|------------|---------------|--------|--------|------------|---------|
|   | MHz      | dBuV       | dB/m           | dB         | dB            | dBuV/m | dBuV/m | dB         |         |
| 1 | 2483.500 | 19.77      | 27.52          | 6.85       | 0.00          | 54.14  | 74.00  | -19.86     | Peak    |
| 2 | 2483.500 | 7.90       | 27.52          | 6.85       | 0.00          | 42.27  | 54.00  | -11.73     | Average |

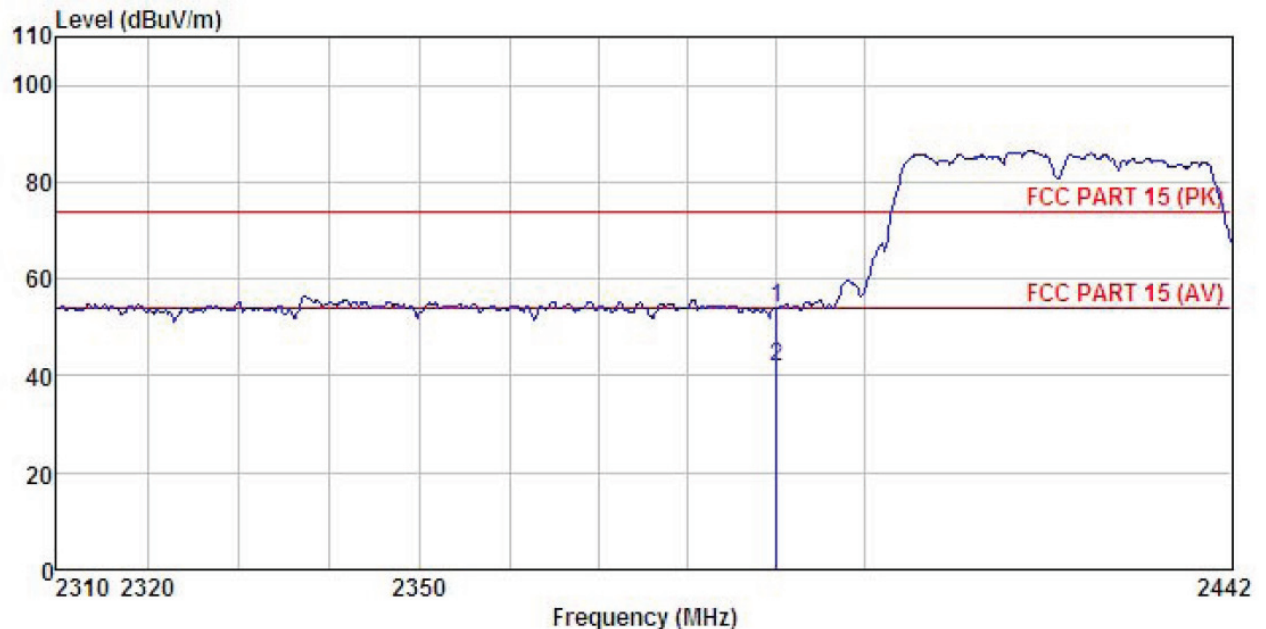
Remark:

1. Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2. The emission levels of other frequencies are very lower than the limit and not show in test report.

## 802.11n (H40)

Test channel: Lowest

Horizontal:



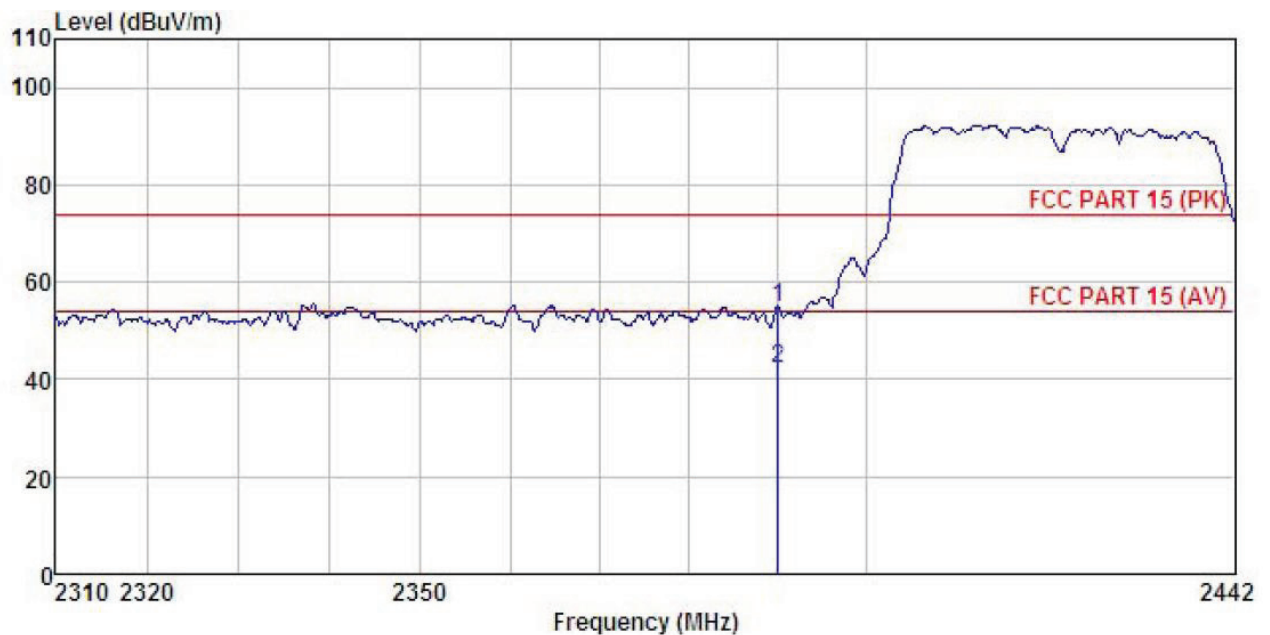
Site : 3m chamber  
 Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) HORIZONTAL  
 EUT : INTEL Tablet PC  
 Model : W10  
 Test mode : n40-L mode  
 Power Rating : AC 120V/60Hz  
 Environment : Temp:25.5°C Humi:55%  
 Test Engineer: Viki  
 Remark :

|   | Freq     | Read Level | Antenna Factor | Cable Loss | Preamp Factor | Level  | Limit  | Over Limit | Remark  |
|---|----------|------------|----------------|------------|---------------|--------|--------|------------|---------|
|   | MHz      | dBuV       | dB/m           | dB         | dB            | dBuV/m | dBuV/m | dB         |         |
| 1 | 2390.000 | 19.73      | 27.58          | 6.63       | 0.00          | 53.94  | 74.00  | -20.06     | Peak    |
| 2 | 2390.000 | 7.74       | 27.58          | 6.63       | 0.00          | 41.95  | 54.00  | -12.05     | Average |

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2. The emission levels of other frequencies are very lower than the limit and not show in test report.

Vertical:



Site : 3m chamber  
 Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) VERTICAL  
 EUT : INTEL Tablet PC  
 Model : W10  
 Test mode : n40-L mode  
 Power Rating : AC 120V/60Hz  
 Environment : Temp:25.5°C Humi:55%  
 Test Engineer: Viki  
 Remark :

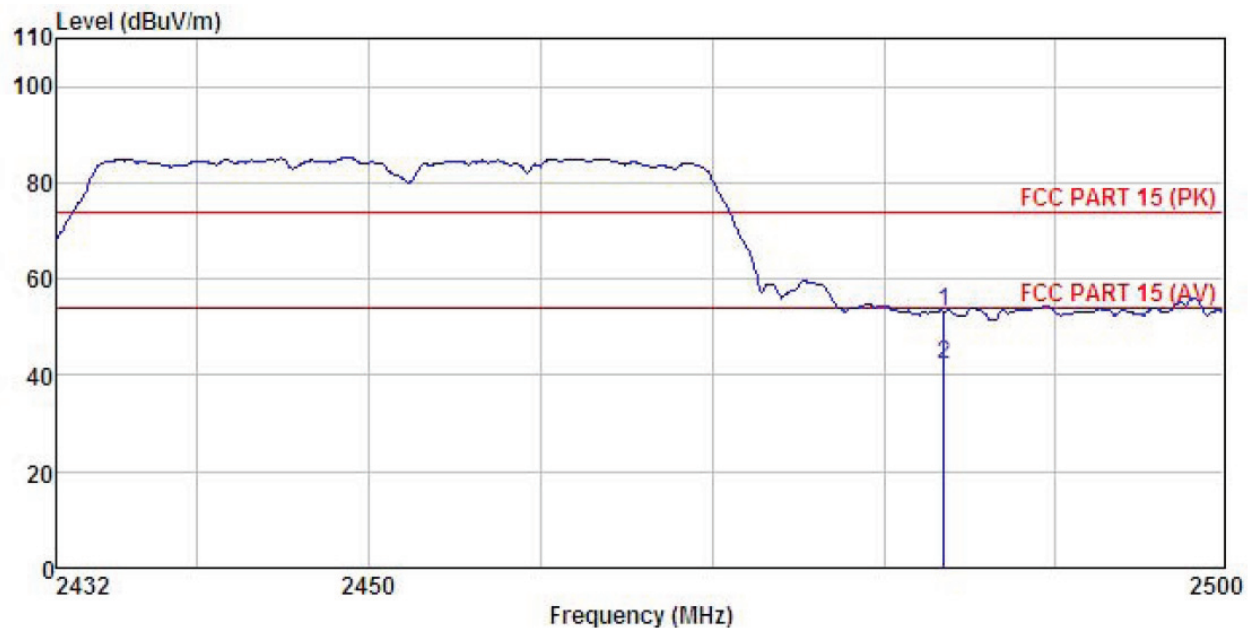
|   | Freq     | Read Level | Antenna Factor | Cable Loss | Preamp Factor | Level  | Limit  | Over Limit | Remark  |
|---|----------|------------|----------------|------------|---------------|--------|--------|------------|---------|
|   | MHz      | dBuV       | dB/m           | dB         | dB            | dBuV/m | dBuV/m | dB         |         |
| 1 | 2390.000 | 20.77      | 27.58          | 6.63       | 0.00          | 54.98  | 74.00  | -19.02     | Peak    |
| 2 | 2390.000 | 8.07       | 27.58          | 6.63       | 0.00          | 42.28  | 54.00  | -11.72     | Average |

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2. The emission levels of other frequencies are very lower than the limit and not show in test report.

Test channel: Highest

Horizontal:



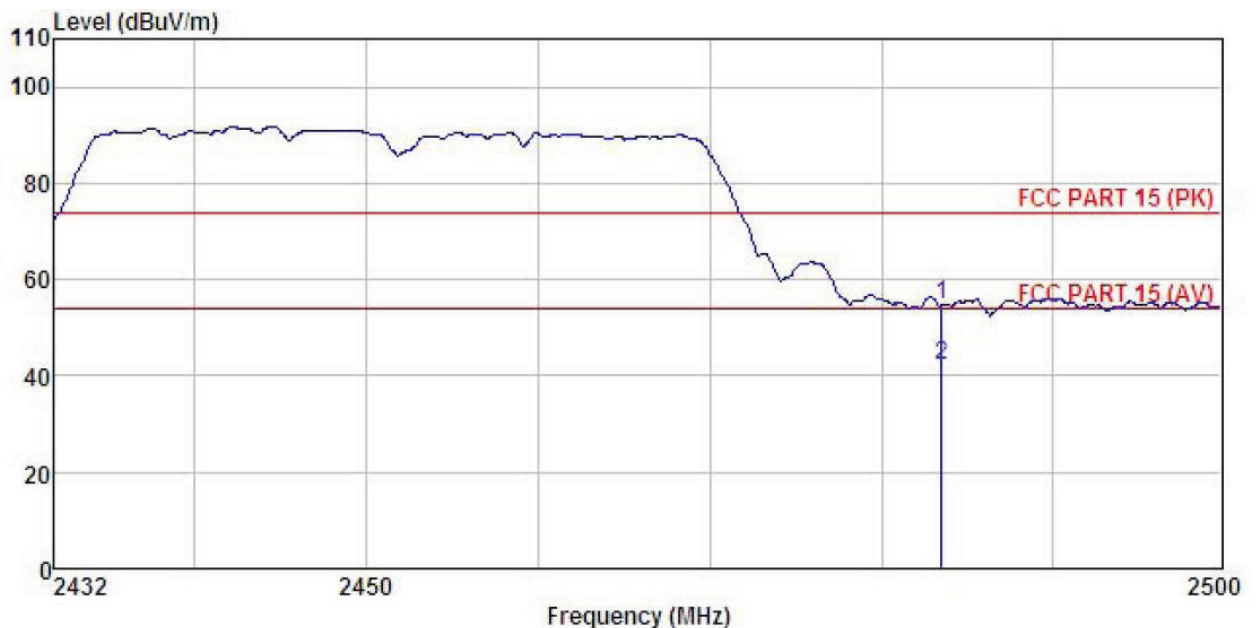
Site : 3m chamber  
 Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) HORIZONTAL  
 EUT : INTEL Tablet PC  
 Model : W10  
 Test mode : n40-H mode  
 Power Rating : AC 120V/60Hz  
 Environment : Temp:25.5°C Humi:55%  
 Test Engineer: Viki  
 Remark :

|   | Freq     | Read  | Antenna | Cable | Preamp | Level  | Limit  | Over   |         |
|---|----------|-------|---------|-------|--------|--------|--------|--------|---------|
|   | MHz      | Level | Factor  | Loss  | Factor | Level  | Line   | Limit  | Remark  |
|   | MHz      | dBuV  | dB/m    | dB    | dB     | dBuV/m | dBuV/m | dB     |         |
| 1 | 2483.500 | 18.76 | 27.52   | 6.85  | 0.00   | 53.13  | 74.00  | -20.87 | Peak    |
| 2 | 2483.500 | 7.80  | 27.52   | 6.85  | 0.00   | 42.17  | 54.00  | -11.83 | Average |

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2. The emission levels of other frequencies are very lower than the limit and not show in test report.

Vertical:



Site : 3m chamber  
 Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) VERTICAL  
 EUT : INTEL Tablet PC  
 Model : W10  
 Test mode : n40-H mode  
 Power Rating : AC 120V/60Hz  
 Environment : Temp:25.5°C Humi:55%  
 Test Engineer: Viki  
 Remark :

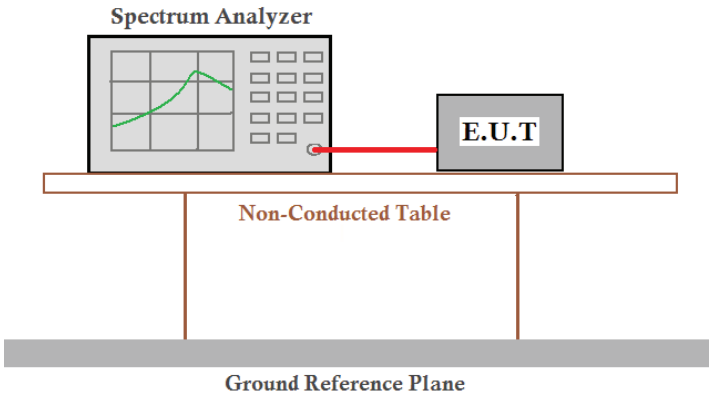
|   | Freq     | Read Level | Antenna Factor | Cable Loss | Preamplifier Factor | Level  | Limit  | Over Limit | Remark  |
|---|----------|------------|----------------|------------|---------------------|--------|--------|------------|---------|
|   | MHz      | dBuV       | dB/m           | dB         | dB                  | dBuV/m | dBuV/m | dB         |         |
| 1 | 2483.500 | 20.30      | 27.52          | 6.85       | 0.00                | 54.67  | 74.00  | -19.33     | Peak    |
| 2 | 2483.500 | 7.97       | 27.52          | 6.85       | 0.00                | 42.34  | 54.00  |            | Average |

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2. The emission levels of other frequencies are very lower than the limit and not show in test report.

## 6.7 Spurious Emission

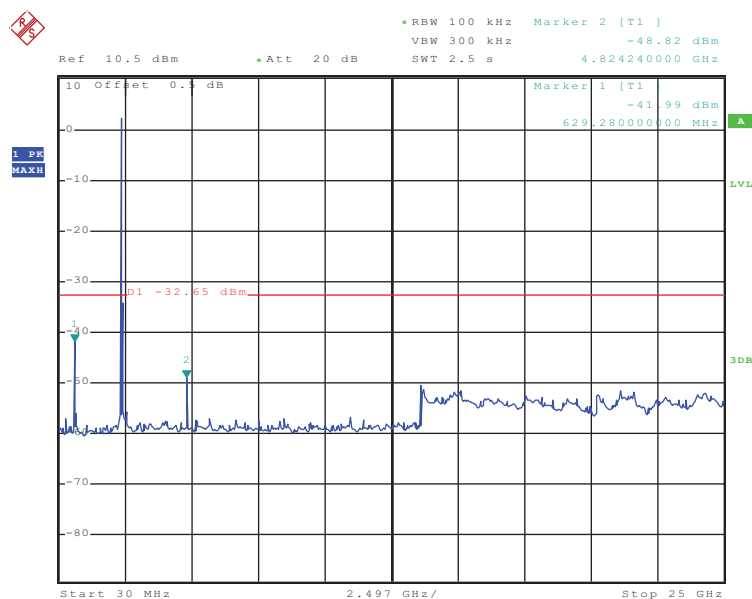
### 6.7.1 Conducted Emission Method

|                   |                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Requirement: | FCC Part 15 C Section 15.247 (d)                                                                                                                                                                                                                                                                                                                                                           |
| Test Method:      | ANSI C63.10:2009 and KDB558074 section 11                                                                                                                                                                                                                                                                                                                                                  |
| Limit:            | In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.    |
| Test setup:       |  <p>The diagram illustrates the test setup for conducted emission measurement. A Spectrum Analyzer is connected via a red cable to an E.U.T (Equipment Under Test). Both are placed on a Non-Conducted Table, which is supported by two vertical legs. Below the table is a Ground Reference Plane.</p> |
| Test Instruments: | Refer to section 5.6 for details                                                                                                                                                                                                                                                                                                                                                           |
| Test mode:        | Refer to section 5.3 for details                                                                                                                                                                                                                                                                                                                                                           |
| Test results:     | Passed                                                                                                                                                                                                                                                                                                                                                                                     |

Test plot as follows:

Test mode: 802.11b

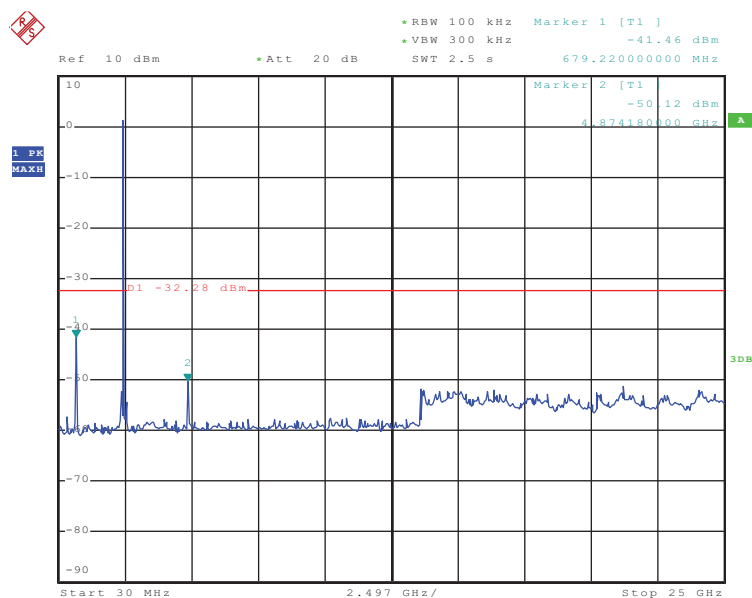
Lowest channel



Date: 1.SEP.2015 21:16:26

30MHz~25GHz

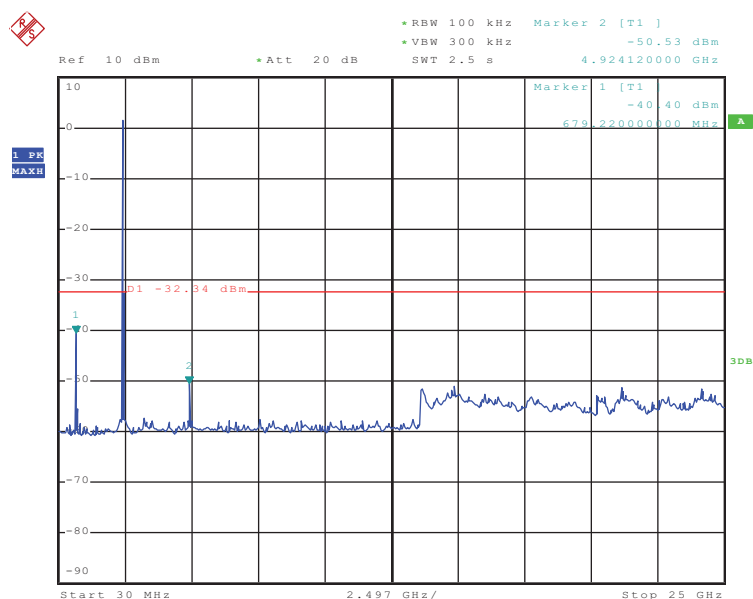
Middle channel



Date: 1.SEP.2015 21:01:41

30MHz~25GHz

## Highest channel

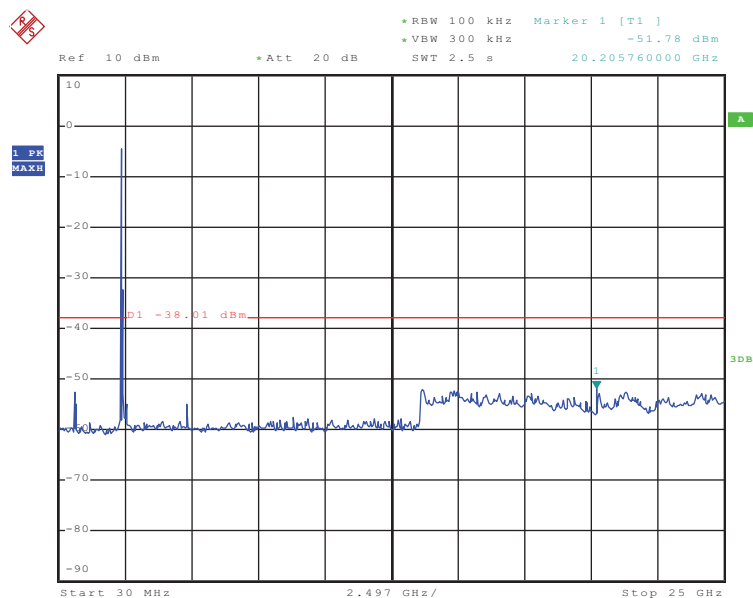


Date: 1.SEP.2015 21:02:31

30MHz~25GHz

Test mode: 802.11g

## Lowest channel



Date: 1.SEP.2015 21:06:22

30MHz~25GHz