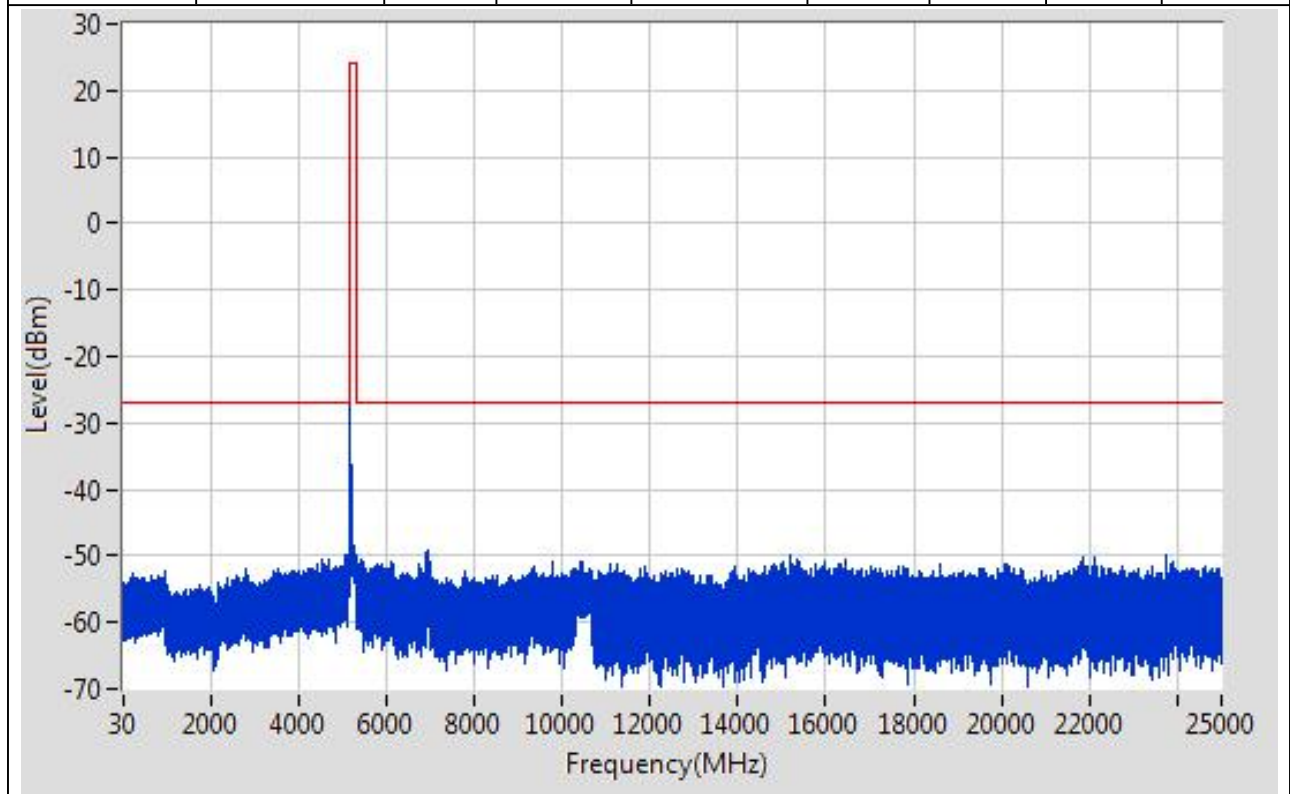


## **A.3. Conducted Spurious Emission**

## 1. 802.11a\_20M\_Band1\_L

### 1.1. A.6-Conducted Spurious Emission(NTNV)

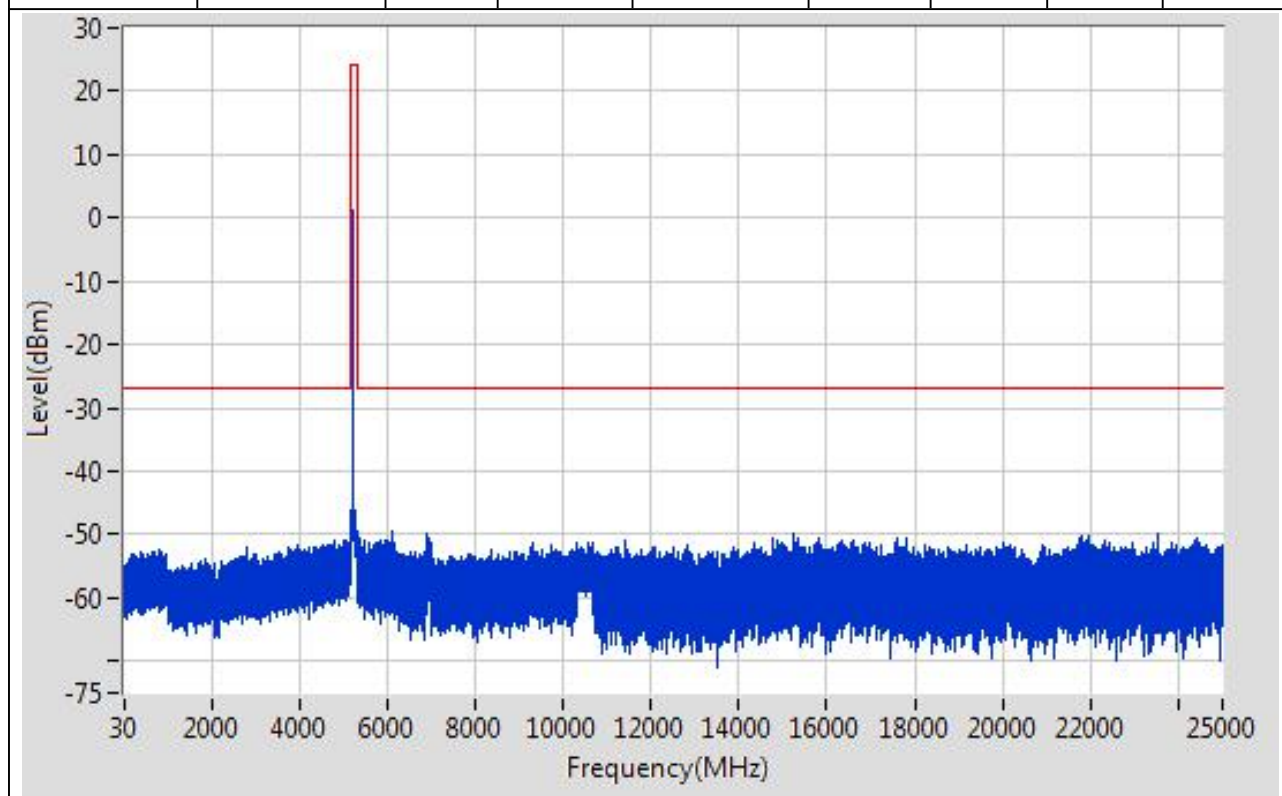
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 30                    | 1000                 | 0.1       | Peak     | 969.497         | -52.3       | -27         | Pass    | 9700        |
| 1000                  | 5150                 | 0.1       | Peak     | 5132.696        | -49.69      | -27         | Pass    | 41499       |
| 5150                  | 5350                 | 0.1       | Peak     | 5178.714        | 1.34        | 24          | Pass    | 2000        |
| 5350                  | 10300                | 0.1       | Peak     | 6935.55         | -49.17      | -27         | Pass    | 49499       |
| 10300                 | 10700                | 0.1       | Peak     | 10449.437       | -50.77      | -27         | Pass    | 4000        |
| 10700                 | 25000                | 0.1       | Peak     | 15213.441       | -49.72      | -27         | Pass    | 142999      |



## 2. 802.11a\_20M\_Band1\_M

### 2.1. A.6-Conducted Spurious Emission(NTNV)

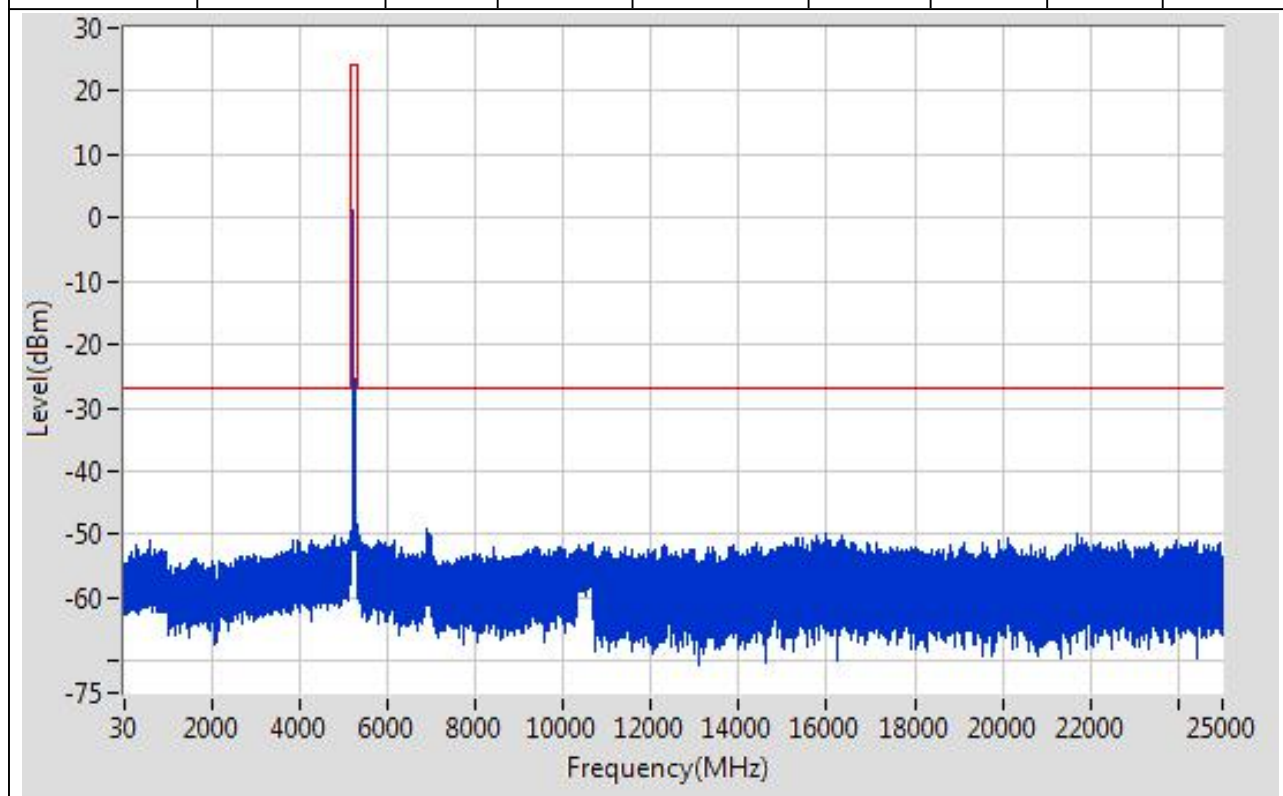
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 30                    | 1000                 | 0.1       | Peak     | 803.98          | -52.35      | -27         | Pass    | 9700        |
| 1000                  | 5150                 | 0.1       | Peak     | 4790.524        | -50.77      | -27         | Pass    | 41499       |
| 5150                  | 5350                 | 0.1       | Peak     | 5218.734        | 1.27        | 24          | Pass    | 2000        |
| 5350                  | 10300                | 0.1       | Peak     | 6123.424        | -49.31      | -27         | Pass    | 49499       |
| 10300                 | 10700                | 0.1       | Peak     | 10588.972       | -51.16      | -27         | Pass    | 4000        |
| 10700                 | 25000                | 0.1       | Peak     | 15260.643       | -49.93      | -27         | Pass    | 142999      |



### 3. 802.11a\_20M\_Band1\_H

#### 3.1. A.6-Conducted Spurious Emission(NTNV)

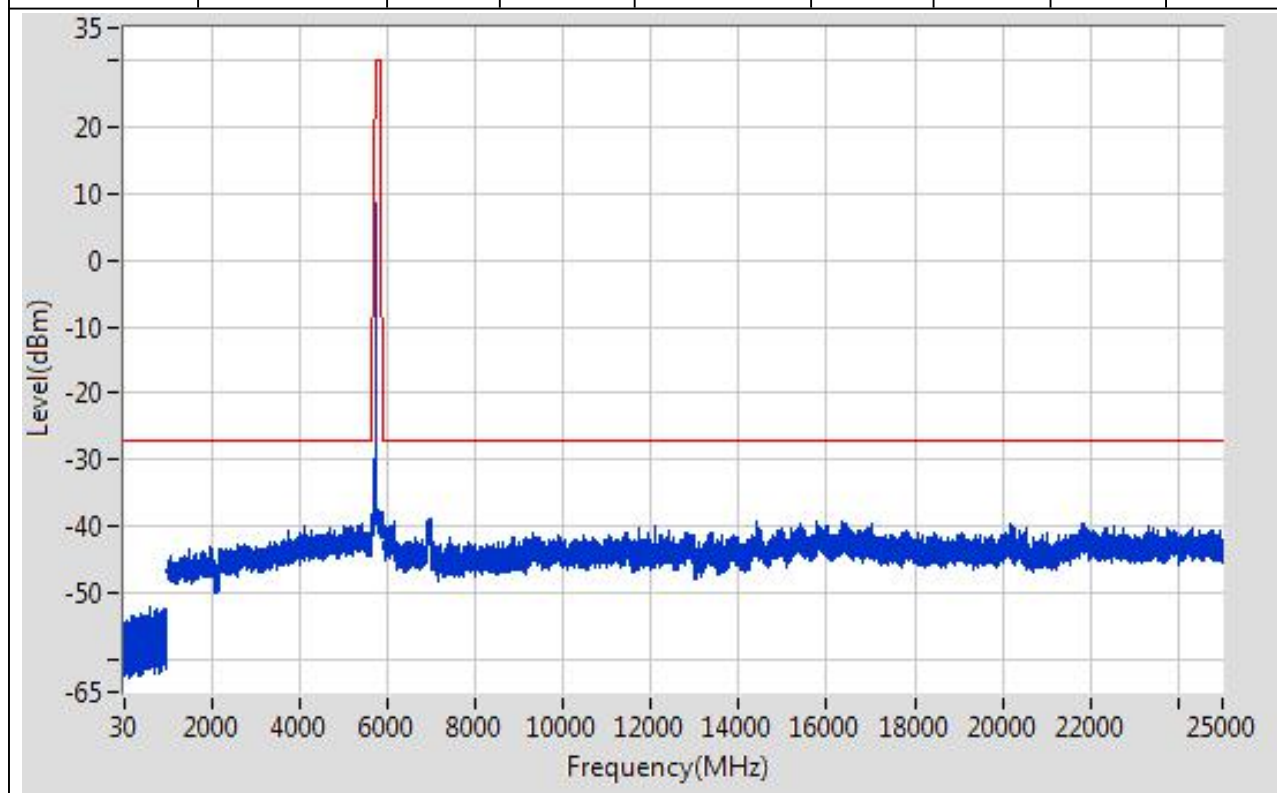
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 30                    | 1000                 | 0.1       | Peak     | 606.659         | -50.89      | -27         | Pass    | 9700        |
| 1000                  | 5150                 | 0.1       | Peak     | 4816.63         | -50.29      | -27         | Pass    | 41499       |
| 5150                  | 5350                 | 0.1       | Peak     | 5241.246        | 1.13        | 24          | Pass    | 2000        |
| 5350                  | 10300                | 0.1       | Peak     | 6913.149        | -49.27      | -27         | Pass    | 49499       |
| 10300                 | 10700                | 0.1       | Peak     | 10668.092       | -51.33      | -27         | Pass    | 4000        |
| 10700                 | 25000                | 0.1       | Peak     | 21720.744       | -49.77      | -27         | Pass    | 142999      |



## 4. 802.11a\_20M\_Band4\_L

### 4.1. A.6-Conducted Spurious Emission(NTNV)

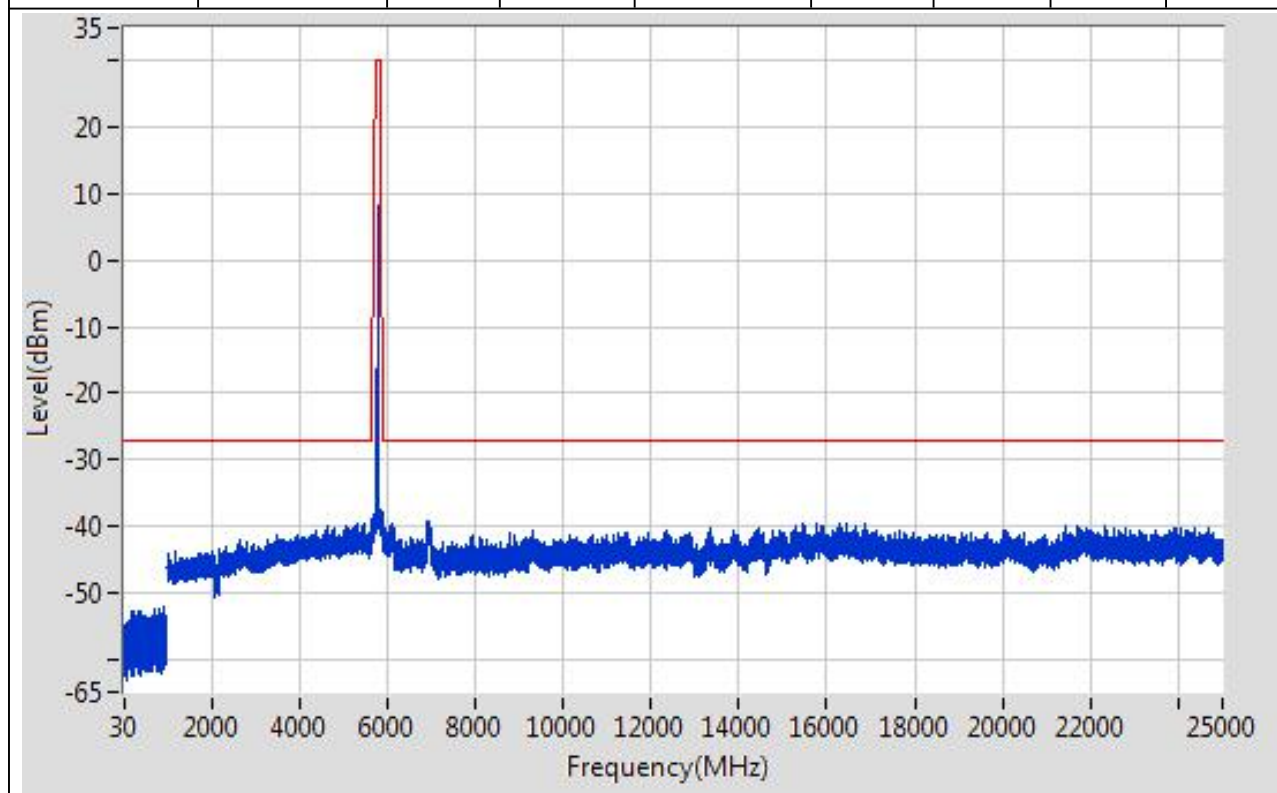
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 30                    | 1000                 | 0.1       | Peak     | 618.961         | -52.19      | -27         | Pass    | 9700        |
| 1000                  | 5650                 | 1         | Peak     | 5441.955        | -39.67      | -27         | Pass    | 4650        |
| 5650                  | 5700                 | 1         | Peak     | 5650            | -40.09      | -27         | Pass    | 691         |
| 5700                  | 5720                 | 1         | Peak     | 5718.725        | -30.4       | 15.24       | Pass    | 691         |
| 5720                  | 5725                 | 1         | Peak     | 5720.413        | -30         | 16.54       | Pass    | 691         |
| 5725                  | 5850                 | 1         | Peak     | 5743.116        | 8.65        | 30          | Pass    | 691         |
| 5850                  | 5855                 | 1         | Peak     | 5854.949        | -39.03      | 15.72       | Pass    | 691         |
| 5855                  | 5875                 | 1         | Peak     | 5873.696        | -39.47      | 10.37       | Pass    | 691         |
| 5875                  | 5925                 | 1         | Peak     | 5924.493        | -39.76      | -26.62      | Pass    | 691         |
| 5925                  | 25000                | 1         | Peak     | 6941.053        | -38.81      | -27         | Pass    | 19075       |



## 5. 802.11a\_20M\_Band4\_M

### 5.1. A.6-Conducted Spurious Emission(NTNV)

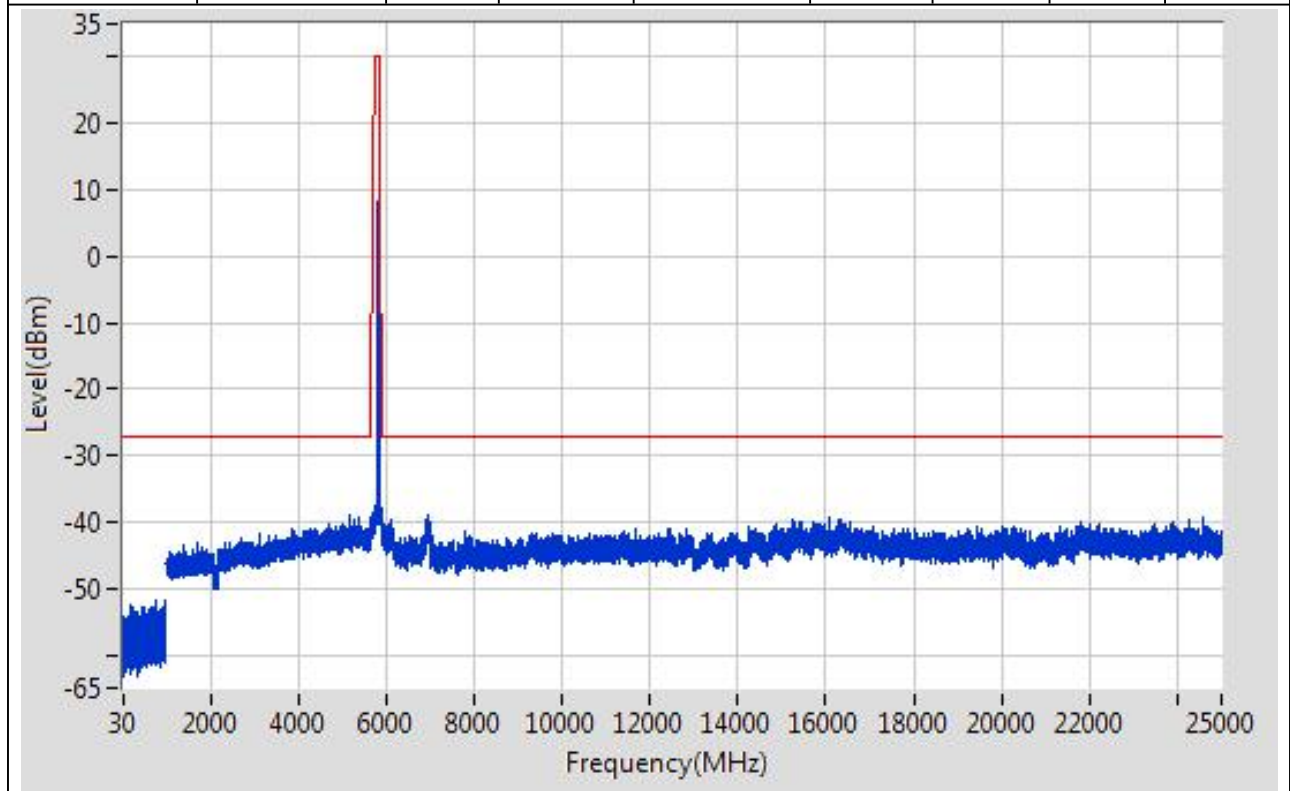
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 30                    | 1000                 | 0.1       | Peak     | 946.494         | -52.32      | -27         | Pass    | 9700        |
| 1000                  | 5650                 | 1         | Peak     | 5352.936        | -39.65      | -27         | Pass    | 4650        |
| 5650                  | 5700                 | 1         | Peak     | 5650.362        | -39.87      | -26.73      | Pass    | 691         |
| 5700                  | 5720                 | 1         | Peak     | 5700.609        | -39.44      | 10.17       | Pass    | 691         |
| 5720                  | 5725                 | 1         | Peak     | 5720.072        | -38.93      | 15.77       | Pass    | 691         |
| 5725                  | 5850                 | 1         | Peak     | 5786.232        | 8.21        | 30          | Pass    | 691         |
| 5850                  | 5855                 | 1         | Peak     | 5854.986        | -38.51      | 15.63       | Pass    | 691         |
| 5855                  | 5875                 | 1         | Peak     | 5872.507        | -37.77      | 10.7        | Pass    | 691         |
| 5875                  | 5925                 | 1         | Peak     | 5924.42         | -38.79      | -26.57      | Pass    | 691         |
| 5925                  | 25000                | 1         | Peak     | 6946.054        | -39.21      | -27         | Pass    | 19075       |



## 6. 802.11a\_20M\_Band4\_H

### 6.1. A.6-Conducted Spurious Emission(NTNV)

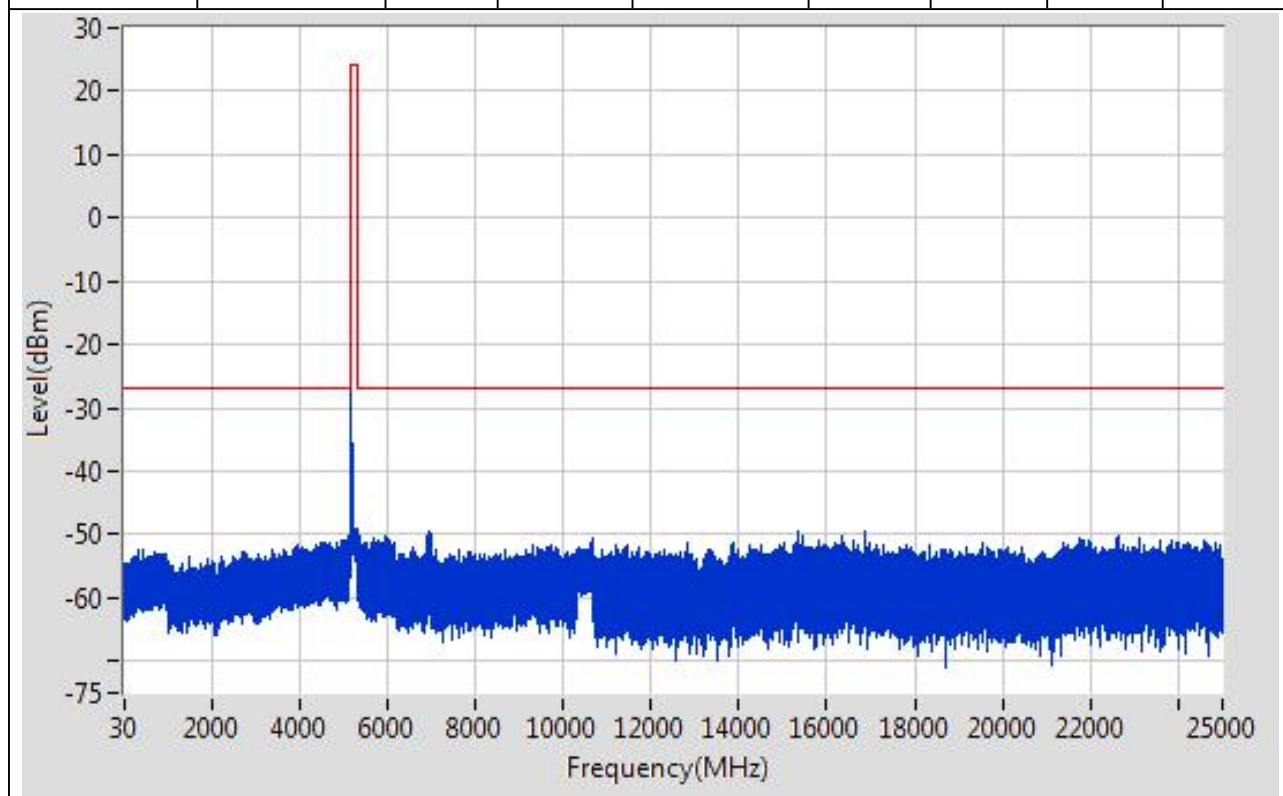
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 30                    | 1000                 | 0.1       | Peak     | 777.877         | -51.82      | -27         | Pass    | 9700        |
| 1000                  | 5650                 | 1         | Peak     | 5184.9          | -39         | -27         | Pass    | 4650        |
| 5650                  | 5700                 | 1         | Peak     | 5650            | -41.15      | -27         | Pass    | 691         |
| 5700                  | 5720                 | 1         | Peak     | 5701.275        | -38.75      | 10.36       | Pass    | 691         |
| 5720                  | 5725                 | 1         | Peak     | 5720            | -39.59      | 15.6        | Pass    | 691         |
| 5725                  | 5850                 | 1         | Peak     | 5823.732        | 8.38        | 30          | Pass    | 691         |
| 5850                  | 5855                 | 1         | Peak     | 5853.674        | -29.14      | 18.62       | Pass    | 691         |
| 5855                  | 5875                 | 1         | Peak     | 5874.478        | -36.95      | 10.15       | Pass    | 691         |
| 5875                  | 5925                 | 1         | Peak     | 5924.928        | -39.07      | -26.95      | Pass    | 691         |
| 5925                  | 25000                | 1         | Peak     | 6958.054        | -39.05      | -27         | Pass    | 19075       |



## 7. 802.11n\_20M\_Band1\_L

### 7.1. A.6-Conducted Spurious Emission(NTNV)

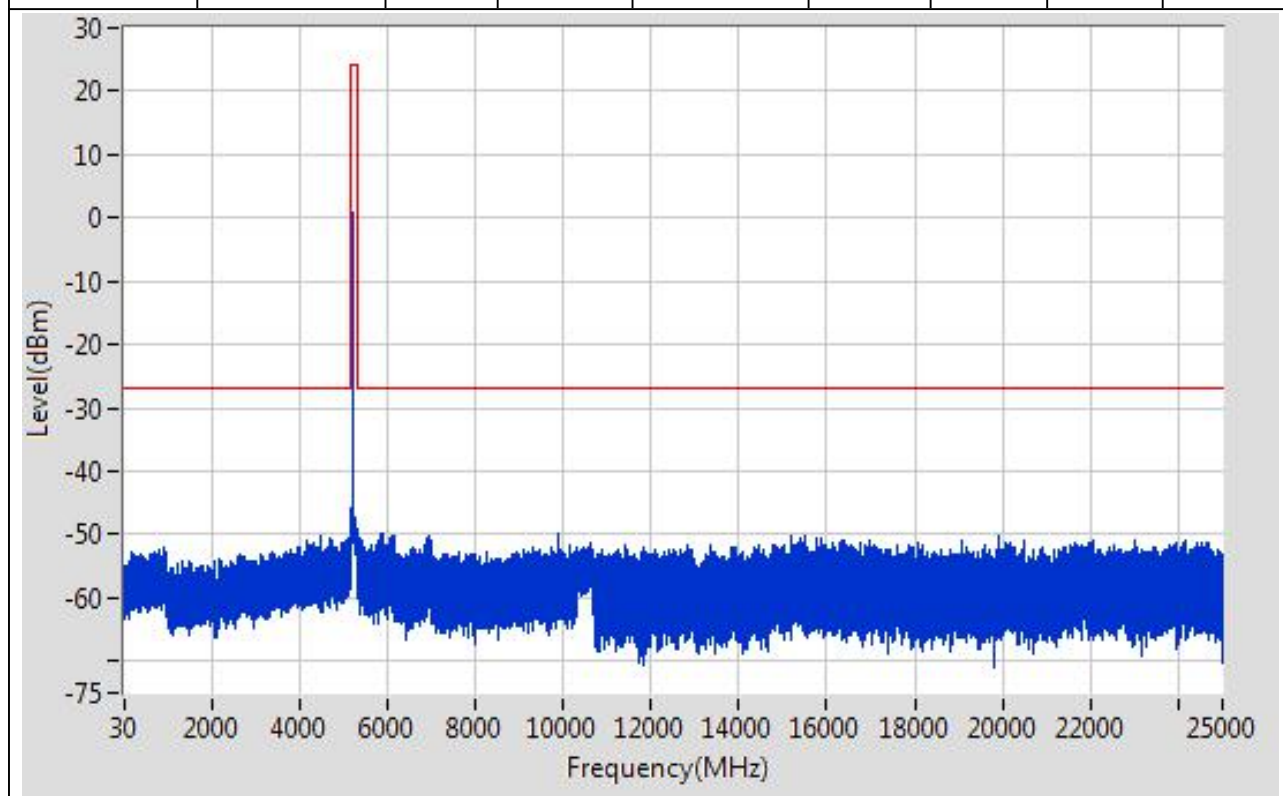
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 30                    | 1000                 | 0.1       | Peak     | 366.935         | -52.27      | -27         | Pass    | 9700        |
| 1000                  | 5150                 | 0.1       | Peak     | 5148.9          | -49.49      | -27         | Pass    | 41499       |
| 5150                  | 5350                 | 0.1       | Peak     | 5178.714        | 1.82        | 24          | Pass    | 2000        |
| 5350                  | 10300                | 0.1       | Peak     | 6965.55         | -49.66      | -27         | Pass    | 49499       |
| 10300                 | 10700                | 0.1       | Peak     | 10672.893       | -50.56      | -27         | Pass    | 4000        |
| 10700                 | 25000                | 0.1       | Peak     | 16875.793       | -49.3       | -27         | Pass    | 142999      |



## 8. 802.11n\_20M\_Band1\_M

### 8.1. A.6-Conducted Spurious Emission(NTNV)

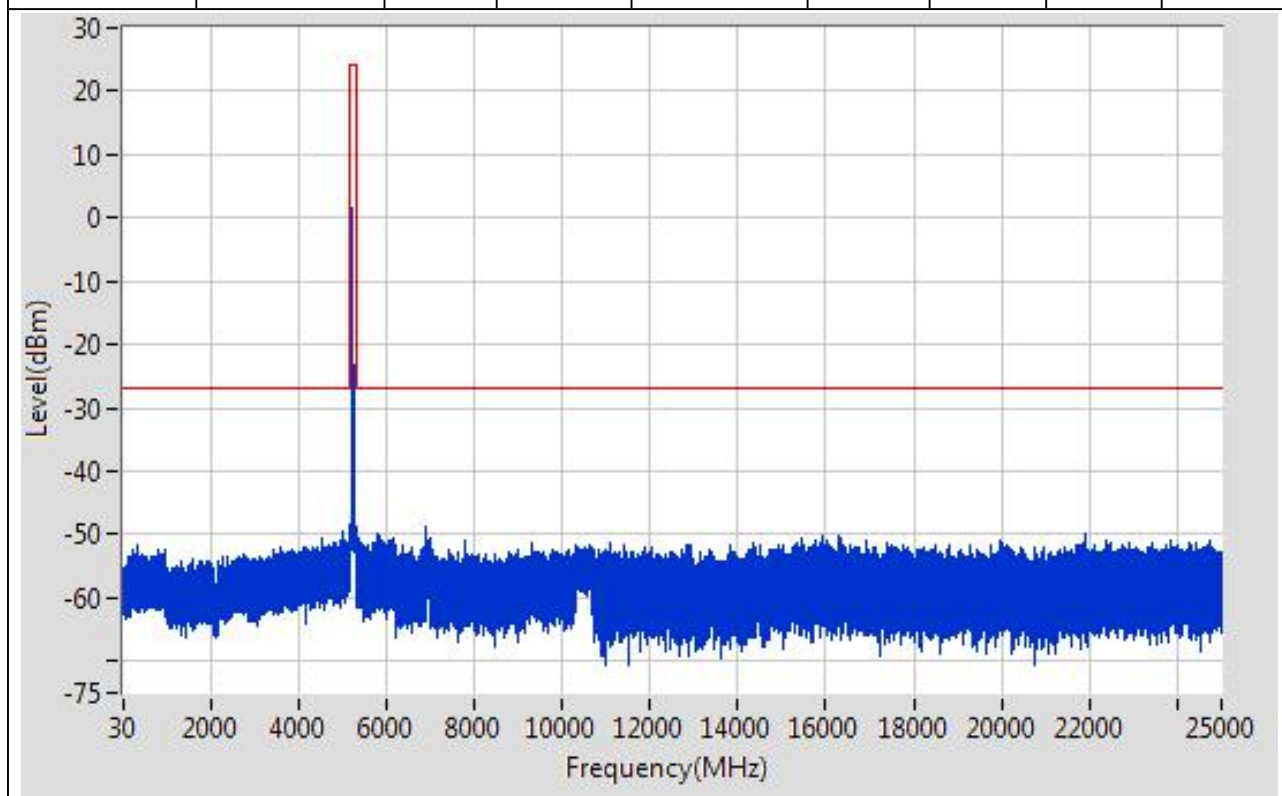
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 30                    | 1000                 | 0.1       | Peak     | 932.293         | -51.98      | -27         | Pass    | 9700        |
| 1000                  | 5150                 | 0.1       | Peak     | 4467.056        | -50.3       | -27         | Pass    | 41499       |
| 5150                  | 5350                 | 0.1       | Peak     | 5221.236        | 0.98        | 24          | Pass    | 2000        |
| 5350                  | 10300                | 0.1       | Peak     | 5864.316        | -49.77      | -27         | Pass    | 49499       |
| 10300                 | 10700                | 0.1       | Peak     | 10622.781       | -51.34      | -27         | Pass    | 4000        |
| 10700                 | 25000                | 0.1       | Peak     | 15188.64        | -50.06      | -27         | Pass    | 142999      |



## 9. 802.11n\_20M\_Band1\_H

### 9.1. A.6-Conducted Spurious Emission(NTNV)

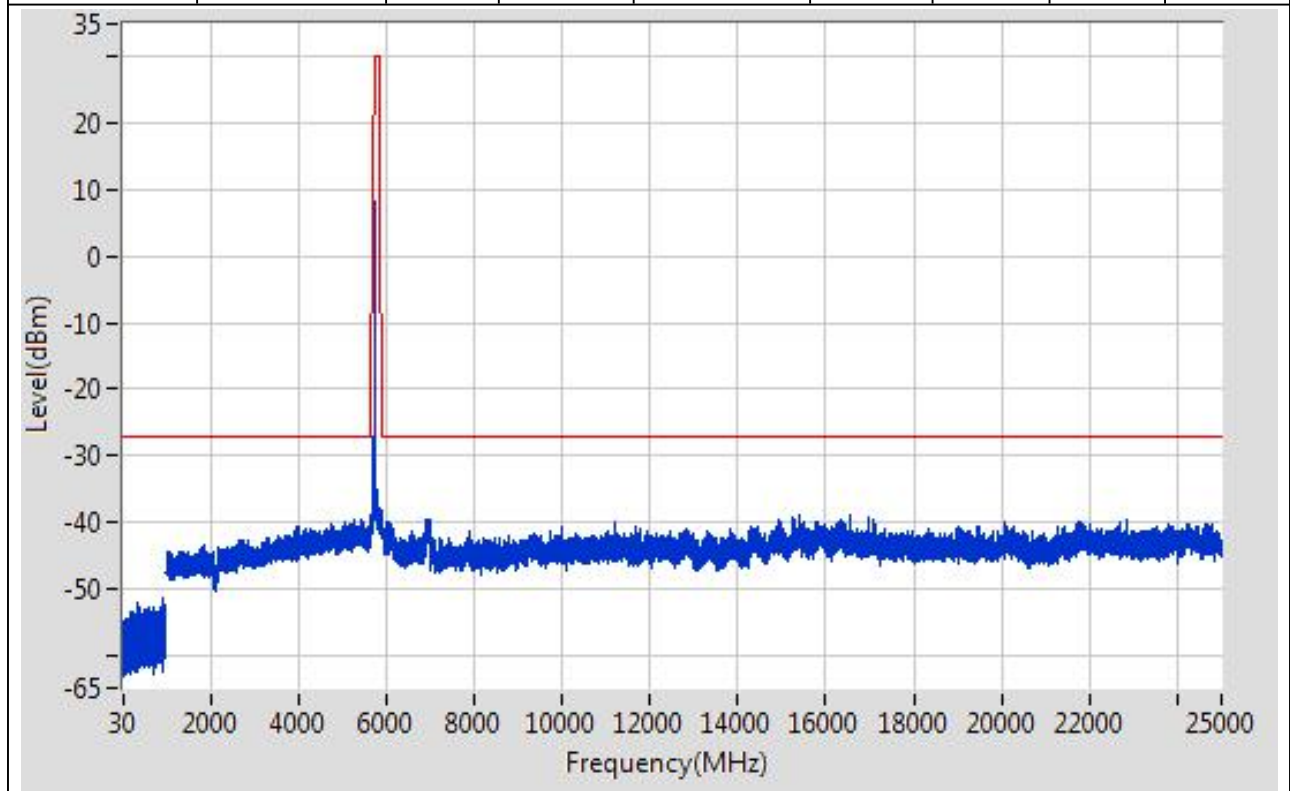
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 30                    | 1000                 | 0.1       | Peak     | 331.531         | -51.67      | -27         | Pass    | 9700        |
| 1000                  | 5150                 | 0.1       | Peak     | 5028.574        | -49.51      | -27         | Pass    | 41499       |
| 5150                  | 5350                 | 0.1       | Peak     | 5241.246        | 1.42        | 24          | Pass    | 2000        |
| 5350                  | 10300                | 0.1       | Peak     | 6923.049        | -48.86      | -27         | Pass    | 49499       |
| 10300                 | 10700                | 0.1       | Peak     | 10325.506       | -51.7       | -27         | Pass    | 4000        |
| 10700                 | 25000                | 0.1       | Peak     | 21887.15        | -49.83      | -27         | Pass    | 142999      |



## 10. 802.11n\_20M\_Band4\_L

### 10.1. A.6-Conducted Spurious Emission(NTNV)

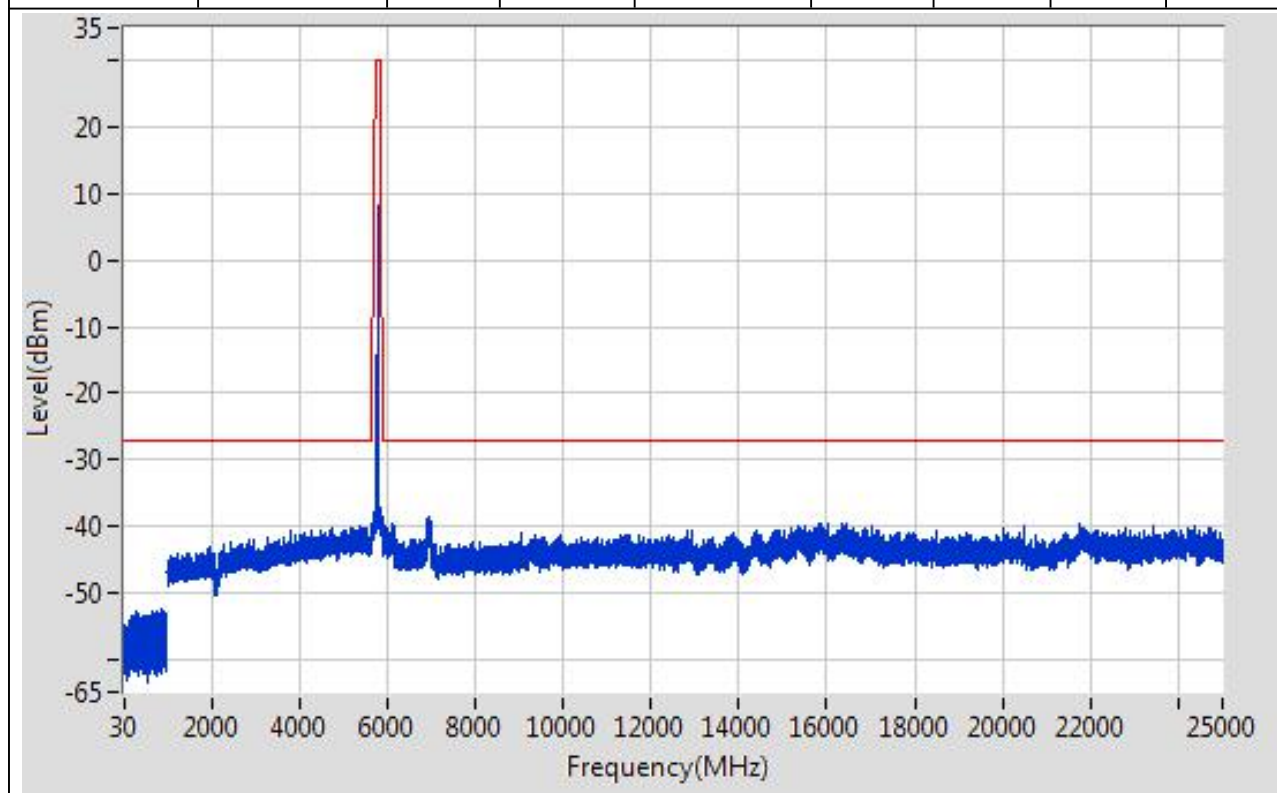
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 30                    | 1000                 | 0.1       | Peak     | 947.895         | -51.46      | -27         | Pass    | 9700        |
| 1000                  | 5650                 | 1         | Peak     | 5419.951        | -39.49      | -27         | Pass    | 4650        |
| 5650                  | 5700                 | 1         | Peak     | 5650.072        | -40.87      | -26.95      | Pass    | 691         |
| 5700                  | 5720                 | 1         | Peak     | 5719.333        | -30.76      | 15.41       | Pass    | 691         |
| 5720                  | 5725                 | 1         | Peak     | 5723.543        | -21.56      | 23.68       | Pass    | 691         |
| 5725                  | 5850                 | 1         | Peak     | 5743.478        | 8.31        | 30          | Pass    | 691         |
| 5850                  | 5855                 | 1         | Peak     | 5854.949        | -38.6       | 15.72       | Pass    | 691         |
| 5855                  | 5875                 | 1         | Peak     | 5874.971        | -38.93      | 10.01       | Pass    | 691         |
| 5875                  | 5925                 | 1         | Peak     | 5925            | -40.31      | -27         | Pass    | 691         |
| 5925                  | 25000                | 1         | Peak     | 16555.557       | -38.92      | -27         | Pass    | 19075       |



## 11. 802.11n\_20M\_Band4\_M

### 11.1. A.6-Conducted Spurious Emission(NTNV)

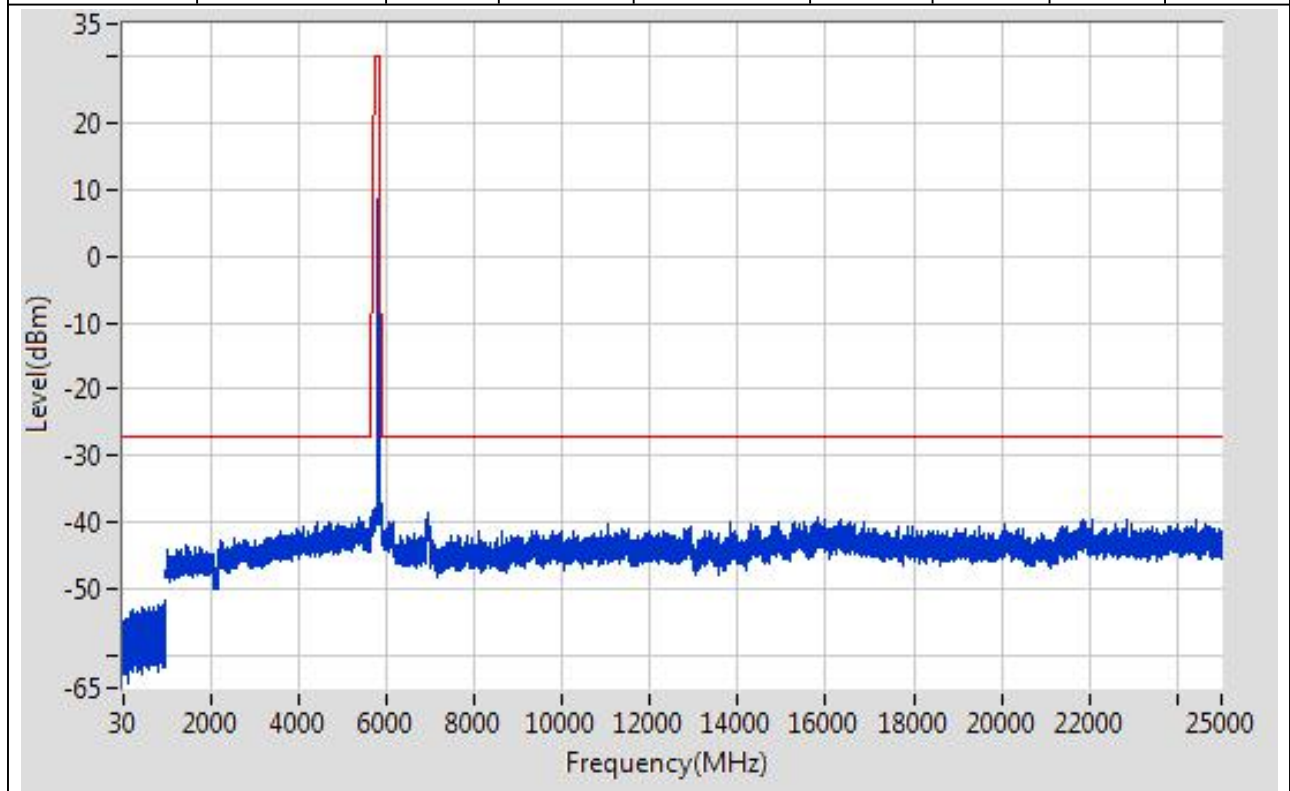
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 30                    | 1000                 | 0.1       | Peak     | 846.884         | -52.63      | -27         | Pass    | 9700        |
| 1000                  | 5650                 | 1         | Peak     | 5365.939        | -40         | -27         | Pass    | 4650        |
| 5650                  | 5700                 | 1         | Peak     | 5650.58         | -40.03      | -26.57      | Pass    | 691         |
| 5700                  | 5720                 | 1         | Peak     | 5700.899        | -39.08      | 10.25       | Pass    | 691         |
| 5720                  | 5725                 | 1         | Peak     | 5720.232        | -38.16      | 16.13       | Pass    | 691         |
| 5725                  | 5850                 | 1         | Peak     | 5784.239        | 8.41        | 30          | Pass    | 691         |
| 5850                  | 5855                 | 1         | Peak     | 5855            | -38.62      | 15.6        | Pass    | 691         |
| 5855                  | 5875                 | 1         | Peak     | 5873.087        | -38.25      | 10.54       | Pass    | 691         |
| 5875                  | 5925                 | 1         | Peak     | 5924.783        | -39.67      | -26.84      | Pass    | 691         |
| 5925                  | 25000                | 1         | Peak     | 6934.053        | -38.48      | -27         | Pass    | 19075       |



## 12. 802.11n\_20M\_Band4\_H

### 12.1. A.6-Conducted Spurious Emission(NTNV)

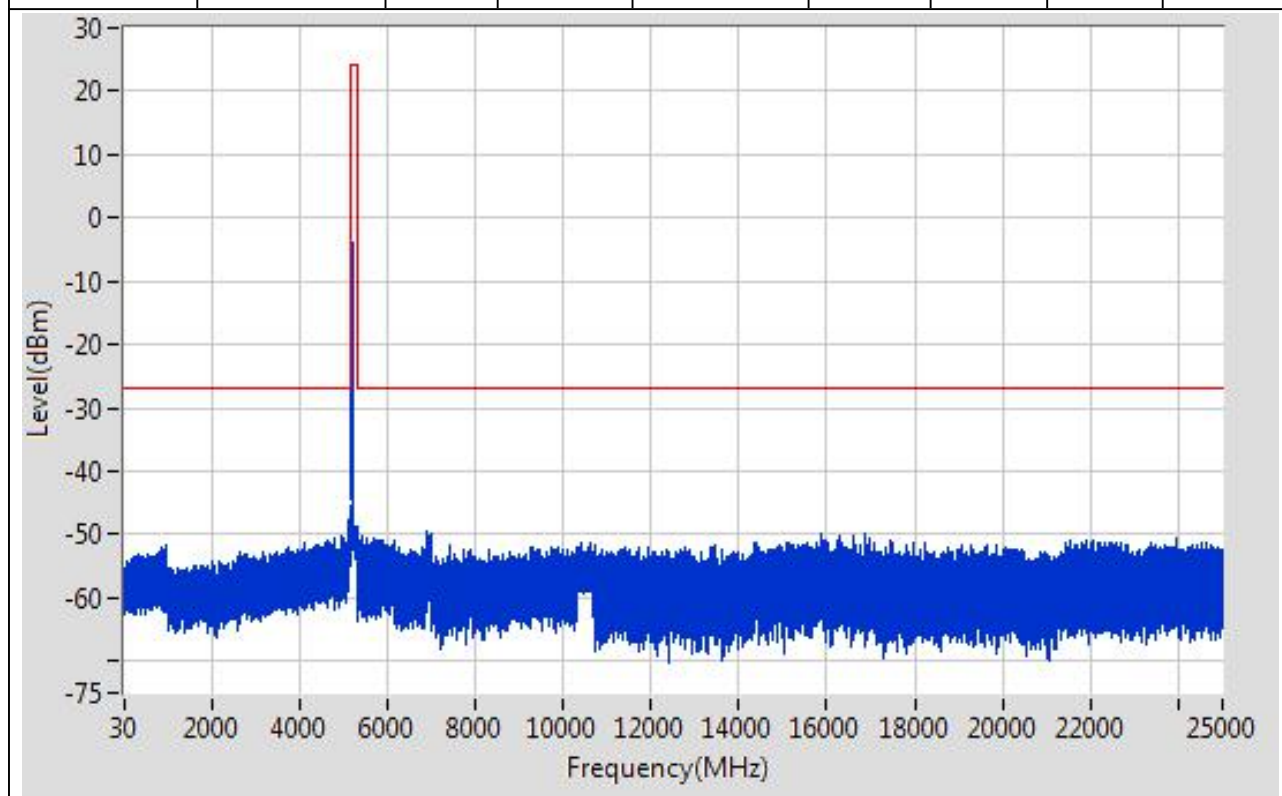
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 30                    | 1000                 | 0.1       | Peak     | 973.097         | -51.89      | -27         | Pass    | 9700        |
| 1000                  | 5650                 | 1         | Peak     | 5375.941        | -39.45      | -27         | Pass    | 4650        |
| 5650                  | 5700                 | 1         | Peak     | 5650            | -39.77      | -27         | Pass    | 691         |
| 5700                  | 5720                 | 1         | Peak     | 5701.043        | -38.63      | 10.29       | Pass    | 691         |
| 5720                  | 5725                 | 1         | Peak     | 5720.203        | -38.9       | 16.06       | Pass    | 691         |
| 5725                  | 5850                 | 1         | Peak     | 5826.449        | 8.51        | 30          | Pass    | 691         |
| 5850                  | 5855                 | 1         | Peak     | 5853.906        | -32.84      | 18.09       | Pass    | 691         |
| 5855                  | 5875                 | 1         | Peak     | 5873.812        | -37.46      | 10.33       | Pass    | 691         |
| 5875                  | 5925                 | 1         | Peak     | 5924.928        | -39.93      | -26.95      | Pass    | 691         |
| 5925                  | 25000                | 1         | Peak     | 6957.054        | -38.44      | -27         | Pass    | 19075       |



## 13. 802.11n\_40M\_Band1\_L

### 13.1. A.6-Conducted Spurious Emission(NTNV)

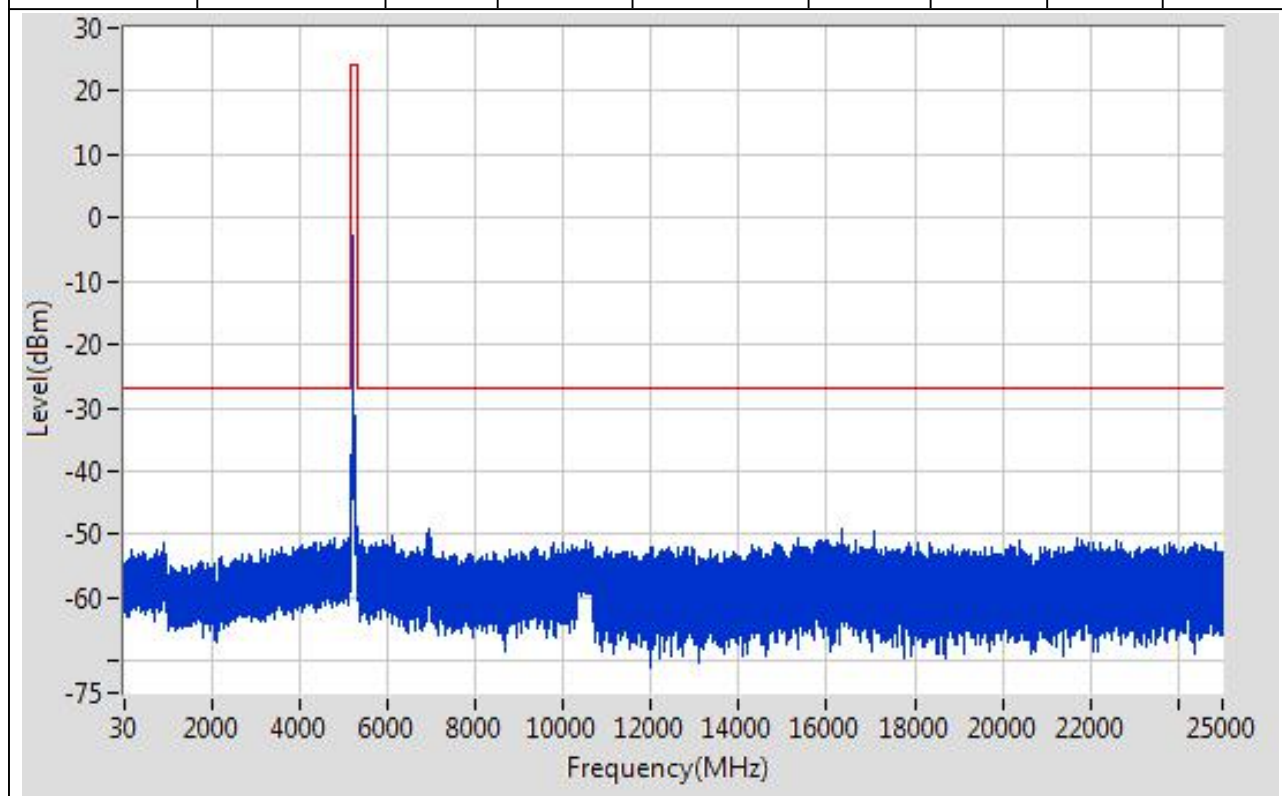
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 30                    | 1000                 | 0.1       | Peak     | 974.397         | -51.55      | -27         | Pass    | 9700        |
| 1000                  | 5150                 | 0.1       | Peak     | 5149.1          | -45.49      | -27         | Pass    | 41499       |
| 5150                  | 5350                 | 0.1       | Peak     | 5187.419        | -2.39       | 24          | Pass    | 2000        |
| 5350                  | 10300                | 0.1       | Peak     | 6903.149        | -49.65      | -27         | Pass    | 49499       |
| 10300                 | 10700                | 0.1       | Peak     | 10439.835       | -51.13      | -27         | Pass    | 4000        |
| 10700                 | 25000                | 0.1       | Peak     | 16880.893       | -49.81      | -27         | Pass    | 142999      |



## 14. 802.11n\_40M\_Band1\_H

### 14.1. A.6-Conducted Spurious Emission(NTNV)

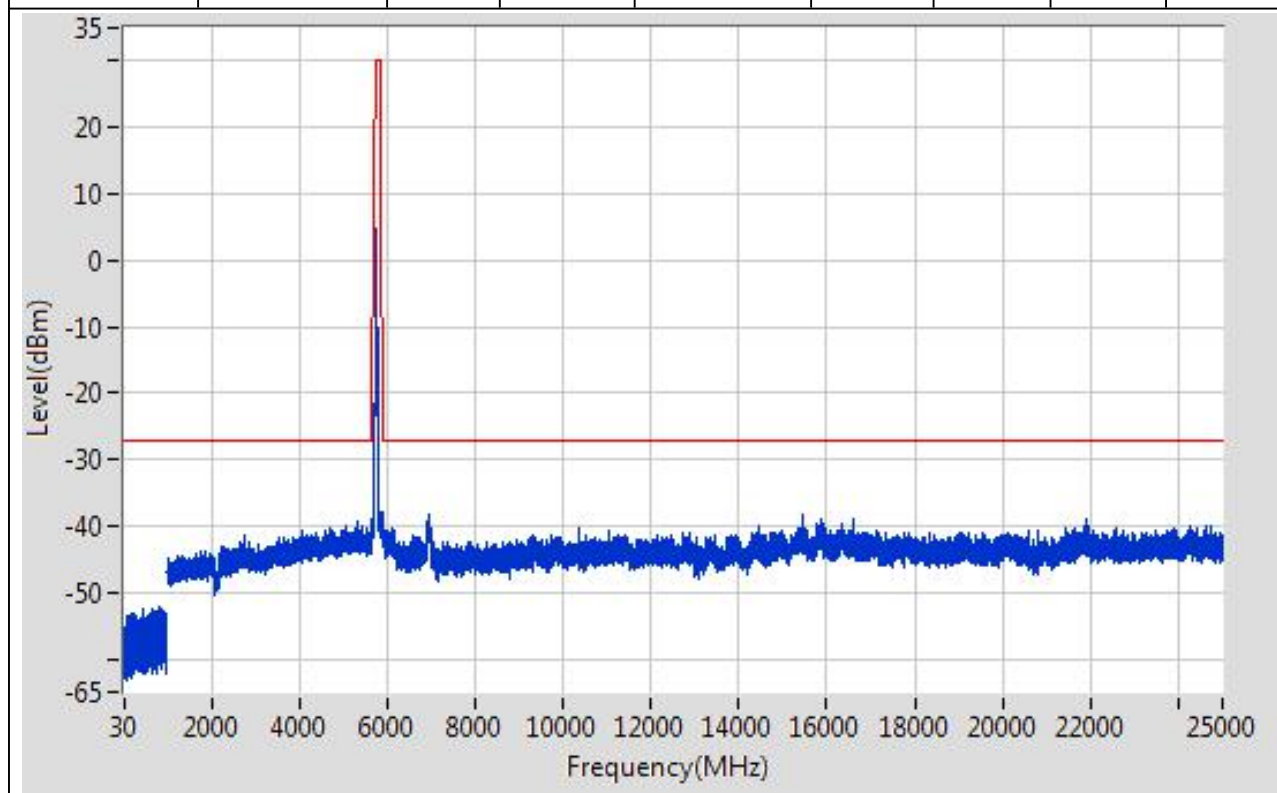
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 30                    | 1000                 | 0.1       | Peak     | 916.891         | -51.43      | -27         | Pass    | 9700        |
| 1000                  | 5150                 | 0.1       | Peak     | 4812.429        | -50.57      | -27         | Pass    | 41499       |
| 5150                  | 5350                 | 0.1       | Peak     | 5227.439        | -2.94       | 24          | Pass    | 2000        |
| 5350                  | 10300                | 0.1       | Peak     | 6944.65         | -49.29      | -27         | Pass    | 49499       |
| 10300                 | 10700                | 0.1       | Peak     | 10522.256       | -50.96      | -27         | Pass    | 4000        |
| 10700                 | 25000                | 0.1       | Peak     | 16323.276       | -49.02      | -27         | Pass    | 142999      |



## 15. 802.11n\_40M\_Band4\_L

### 15.1. A.6-Conducted Spurious Emission(NTNV)

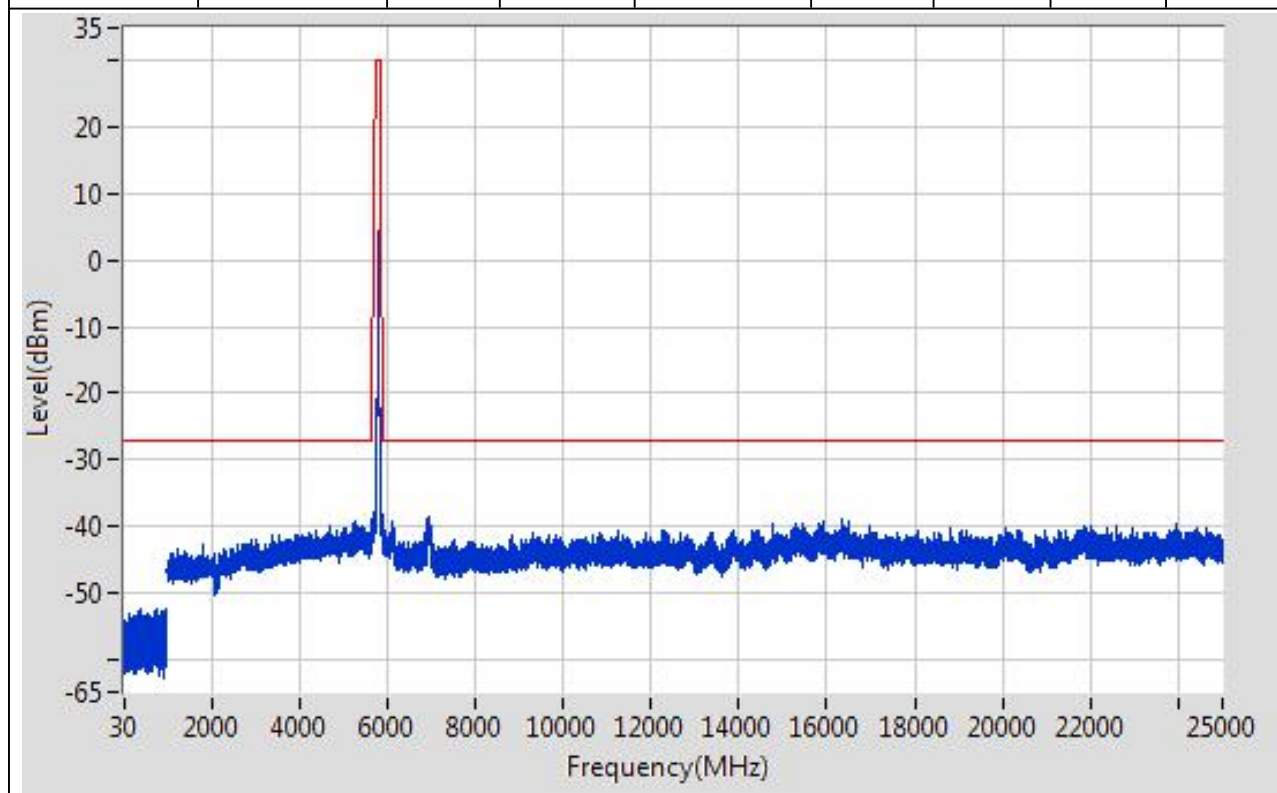
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 30                    | 1000                 | 0.1       | Peak     | 839.583         | -52.18      | -27         | Pass    | 9700        |
| 1000                  | 5650                 | 1         | Peak     | 5342.934        | -39.43      | -27         | Pass    | 4650        |
| 5650                  | 5700                 | 1         | Peak     | 5650.87         | -39.95      | -26.36      | Pass    | 691         |
| 5700                  | 5720                 | 1         | Peak     | 5719.739        | -22.68      | 15.53       | Pass    | 691         |
| 5720                  | 5725                 | 1         | Peak     | 5720.014        | -22.53      | 15.63       | Pass    | 691         |
| 5725                  | 5850                 | 1         | Peak     | 5760.688        | 4.82        | 30          | Pass    | 691         |
| 5850                  | 5855                 | 1         | Peak     | 5854.732        | -38.66      | 16.21       | Pass    | 691         |
| 5855                  | 5875                 | 1         | Peak     | 5874.681        | -38.95      | 10.09       | Pass    | 691         |
| 5875                  | 5925                 | 1         | Peak     | 5925            | -40.14      | -27         | Pass    | 691         |
| 5925                  | 25000                | 1         | Peak     | 6959.054        | -38.26      | -27         | Pass    | 19075       |



## 16. 802.11n\_40M\_Band4\_H

### 16.1. A.6-Conducted Spurious Emission(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 30                    | 1000                 | 0.1       | Peak     | 772.977         | -52.49      | -27         | Pass    | 9700        |
| 1000                  | 5650                 | 1         | Peak     | 5293.923        | -39.44      | -27         | Pass    | 4650        |
| 5650                  | 5700                 | 1         | Peak     | 5650.217        | -39.92      | -26.84      | Pass    | 691         |
| 5700                  | 5720                 | 1         | Peak     | 5701.159        | -38.89      | 10.32       | Pass    | 691         |
| 5720                  | 5725                 | 1         | Peak     | 5720.036        | -38.97      | 15.68       | Pass    | 691         |
| 5725                  | 5850                 | 1         | Peak     | 5792.391        | 4.46        | 30          | Pass    | 691         |
| 5850                  | 5855                 | 1         | Peak     | 5855            | -37.39      | 15.6        | Pass    | 691         |
| 5855                  | 5875                 | 1         | Peak     | 5872.623        | -38.45      | 10.67       | Pass    | 691         |
| 5875                  | 5925                 | 1         | Peak     | 5924.638        | -39.64      | -26.73      | Pass    | 691         |
| 5925                  | 25000                | 1         | Peak     | 6936.053        | -38.55      | -27         | Pass    | 19075       |



END