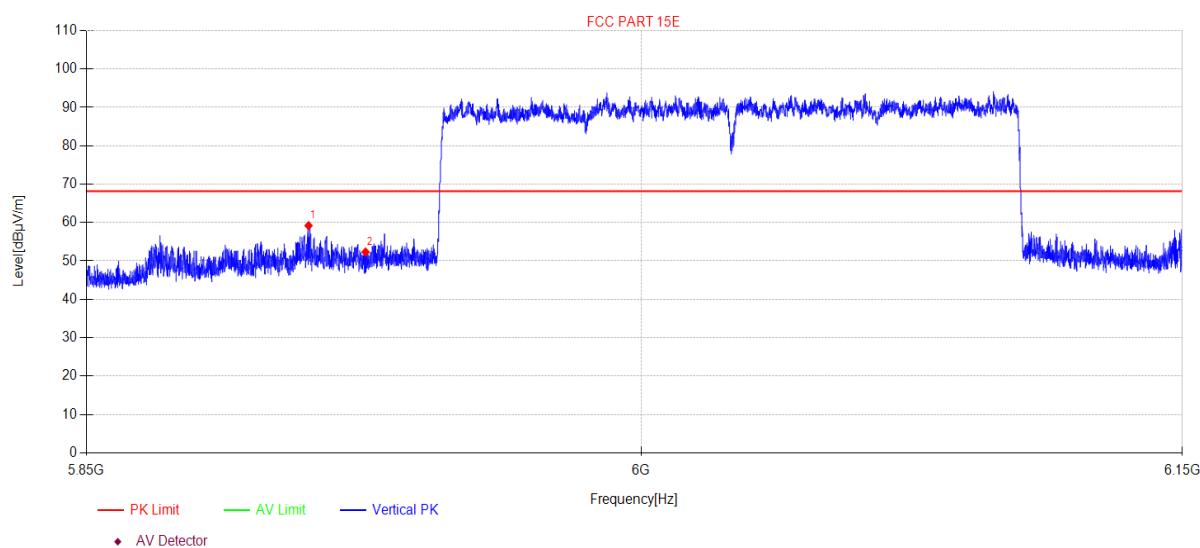


## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-27  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\92  
**Memo:** 11BE160MIMO 6025

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

| N O. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|----------|
| 1    | 5909.61     | 60.06            | 5.96            | 33.92               | -40.74   | 59.20          | 68.20          | 9.00        | PK       | Vertical |
| 2    | 5925.00     | 53.12            | 5.97            | 33.95               | -40.73   | 52.31          | 68.20          | 15.89       | PK       | Vertical |

### Note:

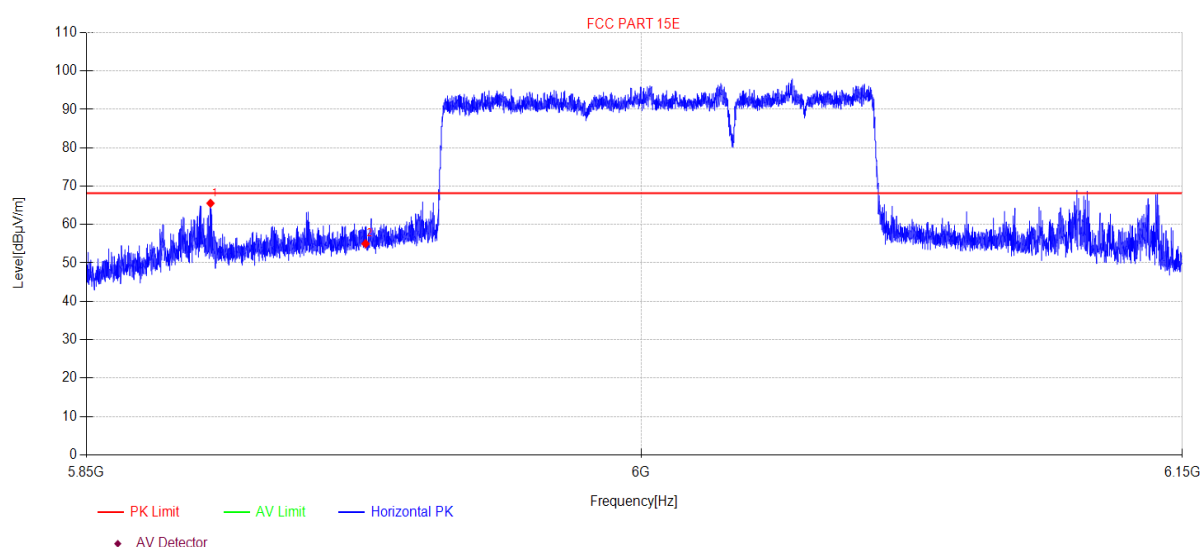
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-27  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\93  
**Memo:** 11BE160MIMO 6025 MRU puncture40

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

| N O. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|------------|
| 1    | 5883.24     | 66.47            | 5.95            | 33.87               | -40.75   | 65.54          | 68.20          | 2.66        | PK       | Horizontal |
| 2    | 5925.00     | 55.82            | 5.97            | 33.95               | -40.73   | 55.01          | 68.20          | 13.19       | PK       | Horizontal |

### Note:

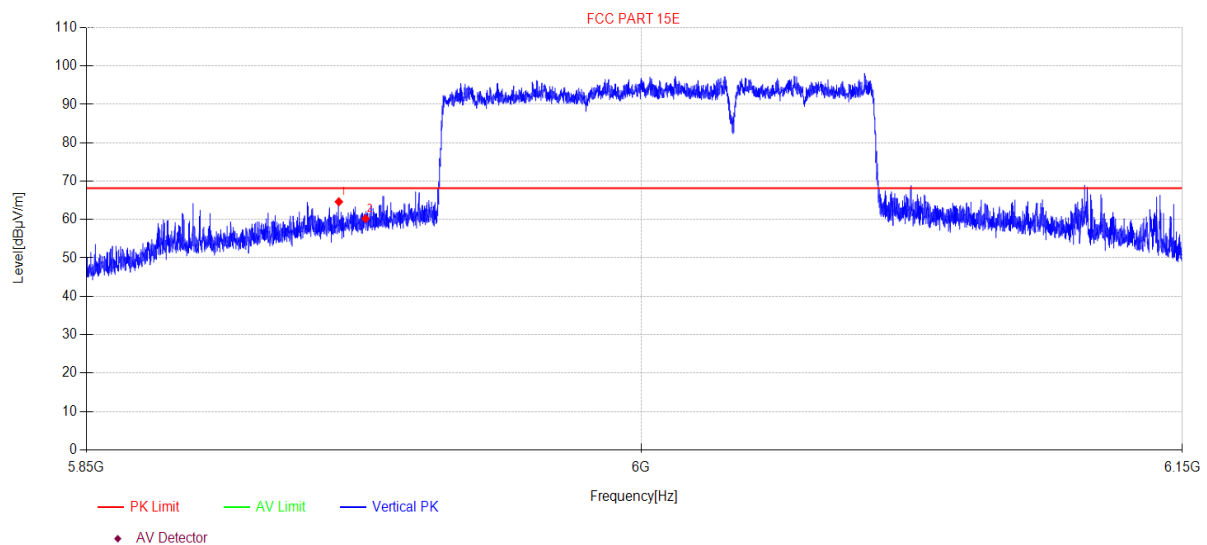
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-27  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\94  
**Memo:** 11BE160MIMO 6025 MRU puncture40

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

| N O. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|----------|
| 1    | 5917.80     | 65.45            | 5.97            | 33.94               | -40.73   | 64.63          | 68.20          | 3.57        | PK       | Vertical |
| 2    | 5925.00     | 61.06            | 5.97            | 33.95               | -40.73   | 60.25          | 68.20          | 7.95        | PK       | Vertical |

### Note:

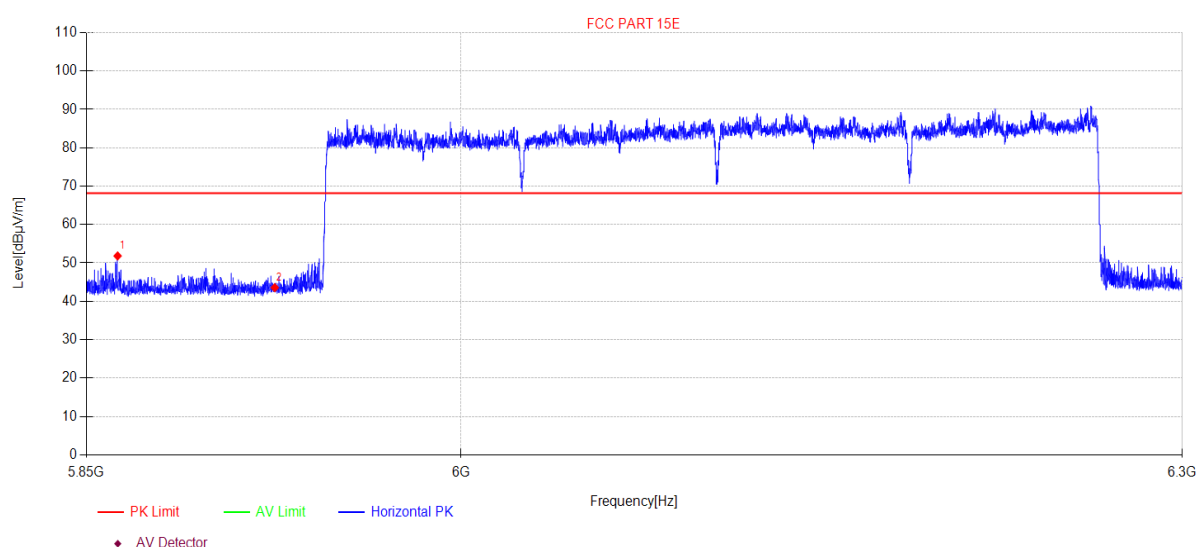
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-27  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\95  
**Memo:** 11BE320MIMO 6105

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

| N O. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|------------|
| 1    | 5862.38     | 52.82            | 5.94            | 33.82               | -40.76   | 51.82          | 68.20          | 16.38       | PK       | Horizontal |
| 2    | 5925.00     | 44.37            | 5.97            | 33.95               | -40.73   | 43.56          | 68.20          | 24.64       | PK       | Horizontal |

Note:

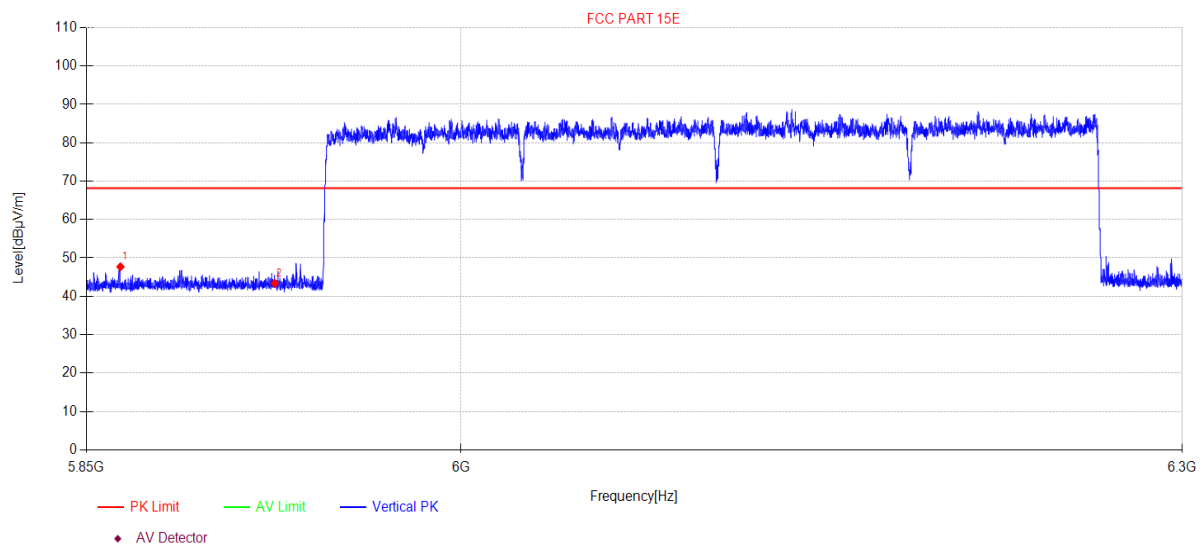
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-27  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\96  
**Memo:** 11BE320MIMO 6105

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

| N O. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|----------|
| 1    | 5863.50     | 48.66            | 5.94            | 33.83               | -40.75   | 47.68          | 68.20          | 20.52       | PK       | Vertical |
| 2    | 5925.00     | 44.19            | 5.97            | 33.95               | -40.73   | 43.38          | 68.20          | 24.82       | PK       | Vertical |

### Note:

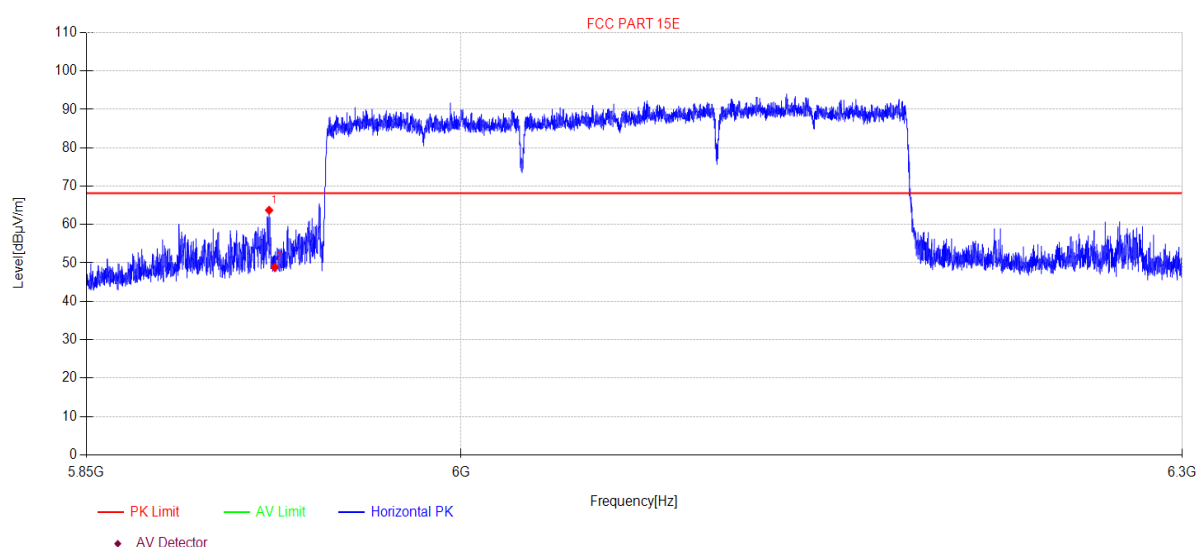
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-27  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\97  
**Memo:** 11BE320MIMO 6105 MRU puncture80

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

| N O. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|------------|
| 1    | 5922.77     | 64.53            | 5.97            | 33.95               | -40.73   | 63.72          | 68.20          | 4.48        | PK       | Horizontal |
| 2    | 5925.00     | 49.66            | 5.97            | 33.95               | -40.73   | 48.85          | 68.20          | 19.35       | PK       | Horizontal |

### Note:

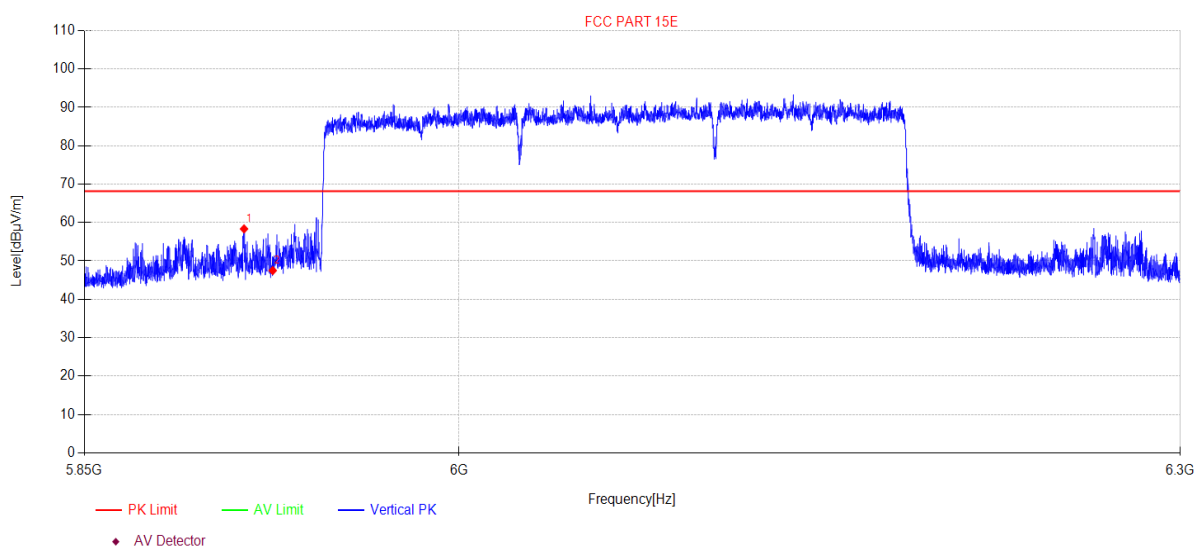
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-27  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\98  
**Memo:** 11BE320MIMO 6105 MRU puncture80

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

| N O. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|----------|
| 1    | 5913.50     | 59.17            | 5.97            | 33.93               | -40.73   | 58.34          | 68.20          | 9.86        | PK       | Vertical |
| 2    | 5925.00     | 48.30            | 5.97            | 33.95               | -40.73   | 47.49          | 68.20          | 20.71       | PK       | Vertical |

### Note:

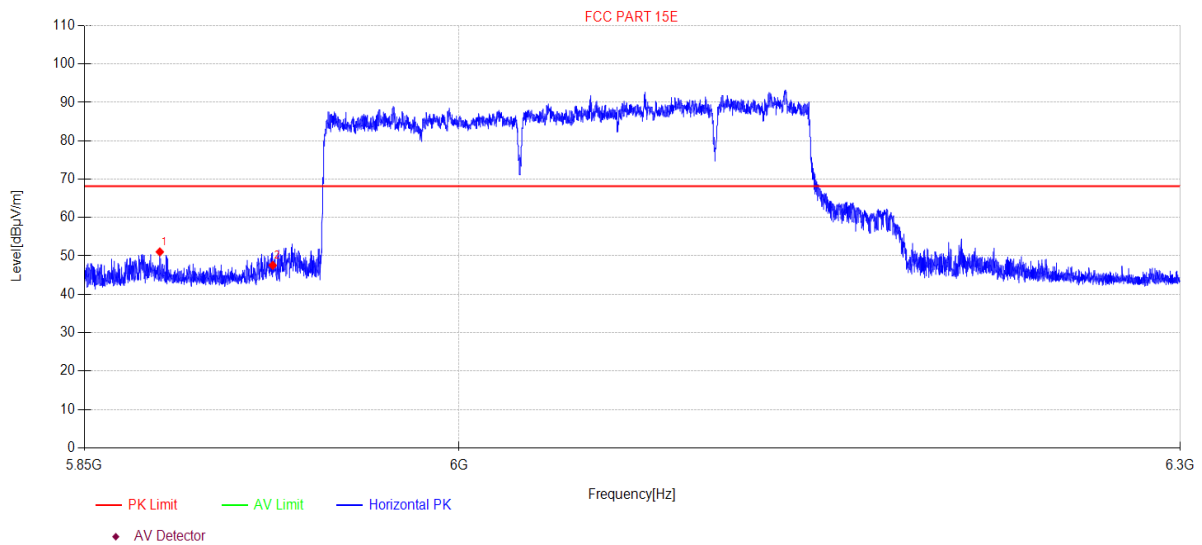
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-28  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\135  
**Memo:** 11BE320MIMO 6105 puncture 80+40

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

| N O. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|------------|
| 1    | 5879.93     | 51.99            | 5.95            | 33.86               | -40.75   | 51.05          | 68.20          | 17.15       | PK       | Horizontal |
| 2    | 5925.00     | 48.36            | 5.97            | 33.95               | -40.73   | 47.55          | 68.20          | 20.65       | PK       | Horizontal |

### Note:

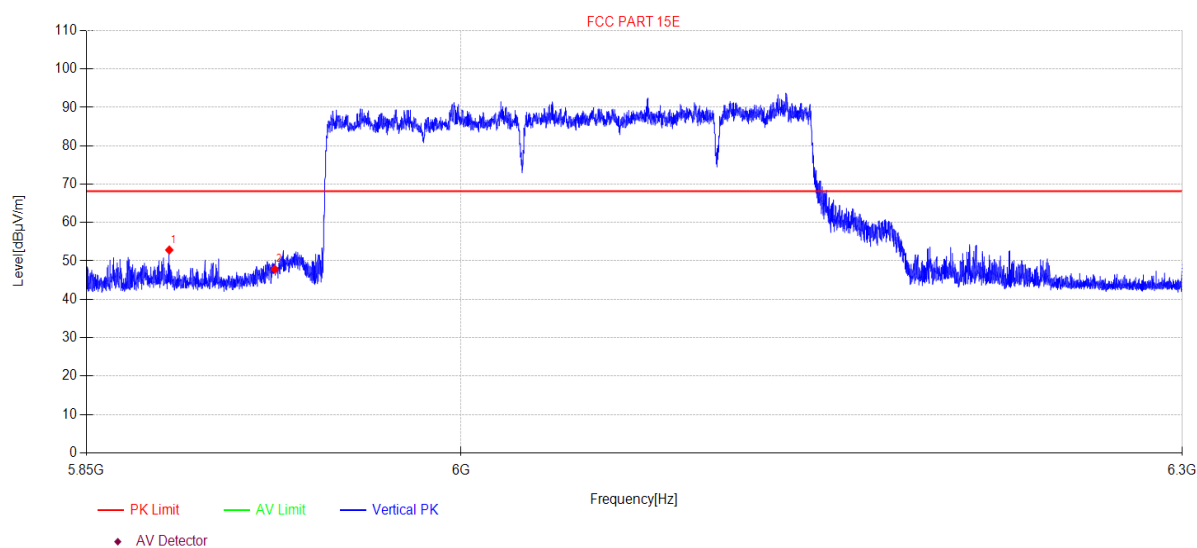
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-28  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\136  
**Memo:** 11BE320MIMO 6105 puncture 80+40

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



| Suspected Data List |             |                  |                 |                     |          |                |                |             |          |          |
|---------------------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|----------|
| N O.                | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1                   | 5882.90     | 53.77            | 5.95            | 33.87               | -40.75   | 52.84          | 68.20          | 15.36       | PK       | Vertical |
| 2                   | 5925.00     | 48.64            | 5.97            | 33.95               | -40.73   | 47.83          | 68.20          | 20.37       | PK       | Vertical |

### Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:2023-06-27

Tested By:Bairong

EUT:Wireless Access Point

Model Number:RG-RAP73HD

Test Mode:TX Mode

Power Supply:AC 120V/60Hz

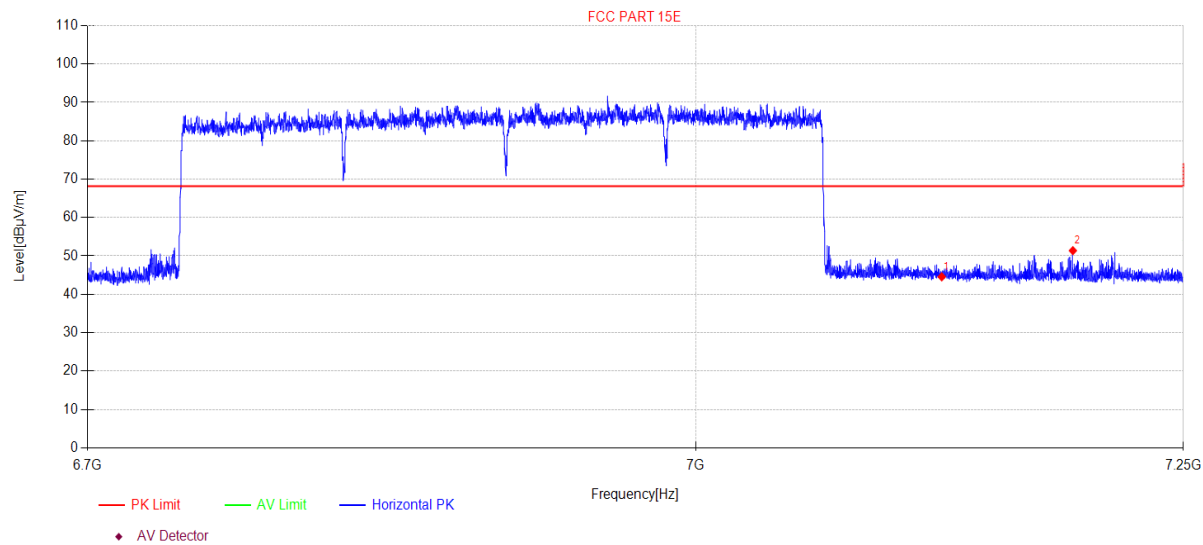
Condition:Temp:22.9°C;Humi:54.2%

Test Site:DDT 3# Chamber

File Path:d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\101

Memo:11BE320MIMO 6905

Test Graph



| Suspected Data List |             |                   |                 |                     |          |                 |                 |             |          |            |
|---------------------|-------------|-------------------|-----------------|---------------------|----------|-----------------|-----------------|-------------|----------|------------|
| N O.                | Freq. [MHz] | Reading [dBμV/ m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV /m] | Limit [dBμV /m] | Margin [dB] | Detector | Polarity   |
| 1                   | 7125.00     | 42.59             | 6.61            | 36.35               | -41.00   | 44.55           | 68.20           | 23.65       | PK       | Horizontal |
| 2                   | 7192.58     | 49.27             | 6.62            | 36.49               | -41.00   | 51.38           | 68.20           | 16.82       | PK       | Horizontal |

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

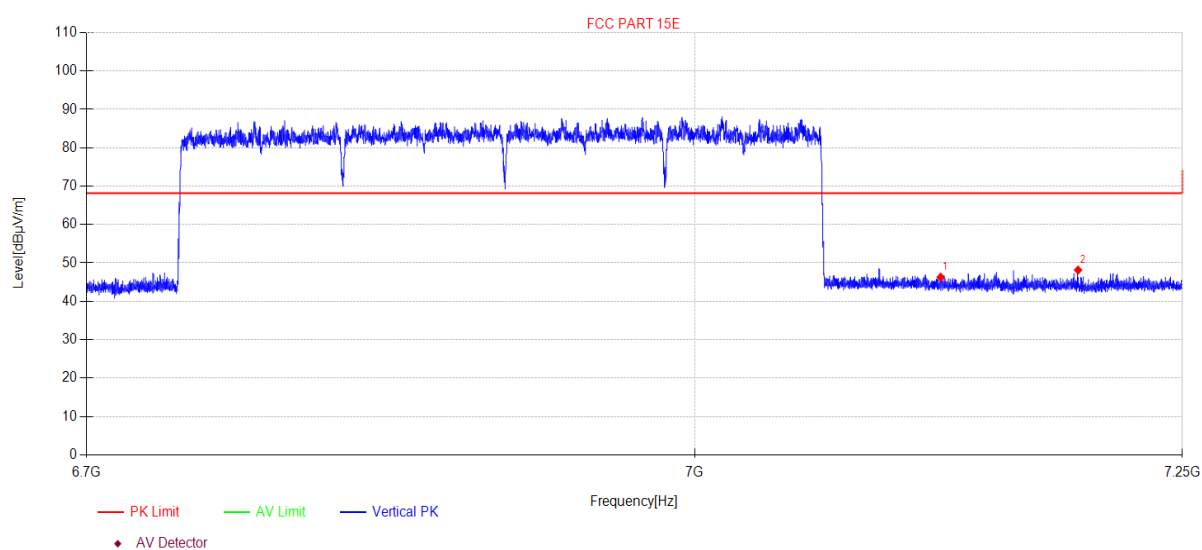
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-27  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\102  
**Memo:** 11BE320MIMO 6905

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



| Suspected Data List |             |                  |                 |                     |          |                |                |             |          |          |
|---------------------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|----------|
| N O.                | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1                   | 7125.00     | 44.32            | 6.61            | 36.35               | -41.00   | 46.28          | 68.20          | 21.92       | PK       | Vertical |
| 2                   | 7195.77     | 46.04            | 6.62            | 36.49               | -41.00   | 48.15          | 68.20          | 20.05       | PK       | Vertical |

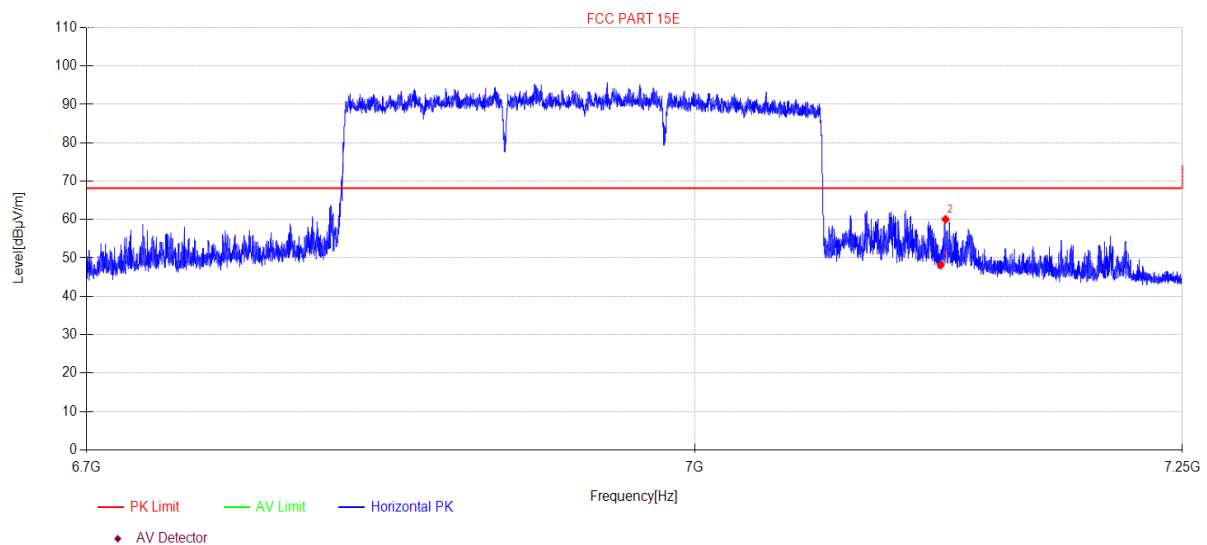
Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-27  
**Tested By:** Bairong  
**EUT:** Wireless Access Point  
**Model Number:** RG-RAP73HD  
**Test Mode:** TX Mode  
**Power Supply:** AC 120V/60Hz  
**Condition:** Temp:22.9°C;Humi:54.2%  
**Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\99  
**Memo:** 11BE320MIMO 6905 MRU puncture80

### Test Graph



### Suspected Data List

| N O. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|------------|
| 1    | 7125.00     | 46.17            | 6.61            | 36.35               | -41.00   | 48.13          | 68.20          | 20.07       | PK       | Horizontal |
| 2    | 7127.46     | 58.09            | 6.61            | 36.35               | -41.00   | 60.05          | 68.20          | 8.15        | PK       | Horizontal |

### Note:

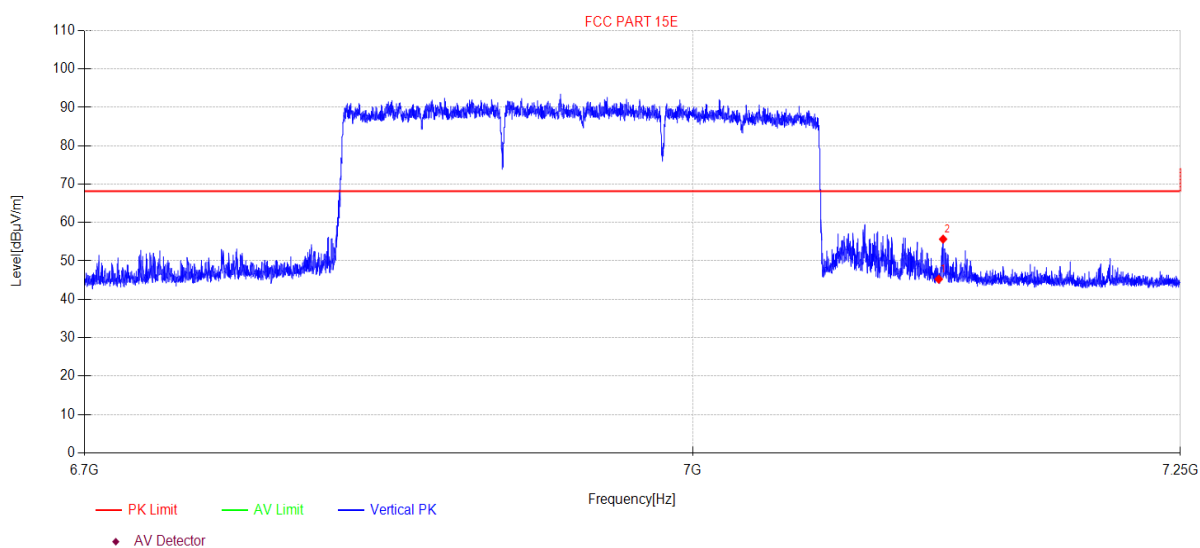
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-27  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\100  
**Memo:** 11BE320MIMO 6905 MRU puncture80

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

| N O. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|----------|
| 1    | 7125.00     | 43.29            | 6.61            | 36.35               | -41.00   | 45.25          | 68.20          | 22.95       | PK       | Vertical |
| 2    | 7127.24     | 53.72            | 6.61            | 36.35               | -41.00   | 55.68          | 68.20          | 12.52       | PK       | Vertical |

### Note:

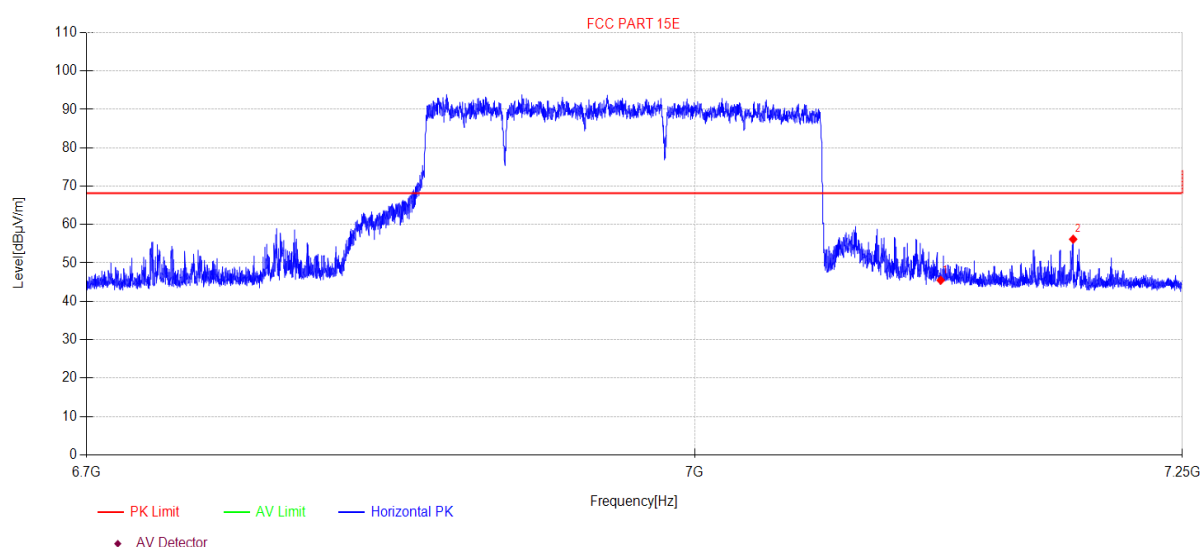
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-28  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\137  
**Memo:** 11BE320MIMO 6905 puncture 80+40

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



| Suspected Data List |             |                  |                 |                     |          |                |                |             |          |            |
|---------------------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|------------|
| N O.                | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1                   | 7125.00     | 43.52            | 6.61            | 36.35               | -41.00   | 45.48          | 68.20          | 22.72       | PK       | Horizontal |
| 2                   | 7193.24     | 54.06            | 6.62            | 36.49               | -41.00   | 56.17          | 68.20          | 12.03       | PK       | Horizontal |

Note:

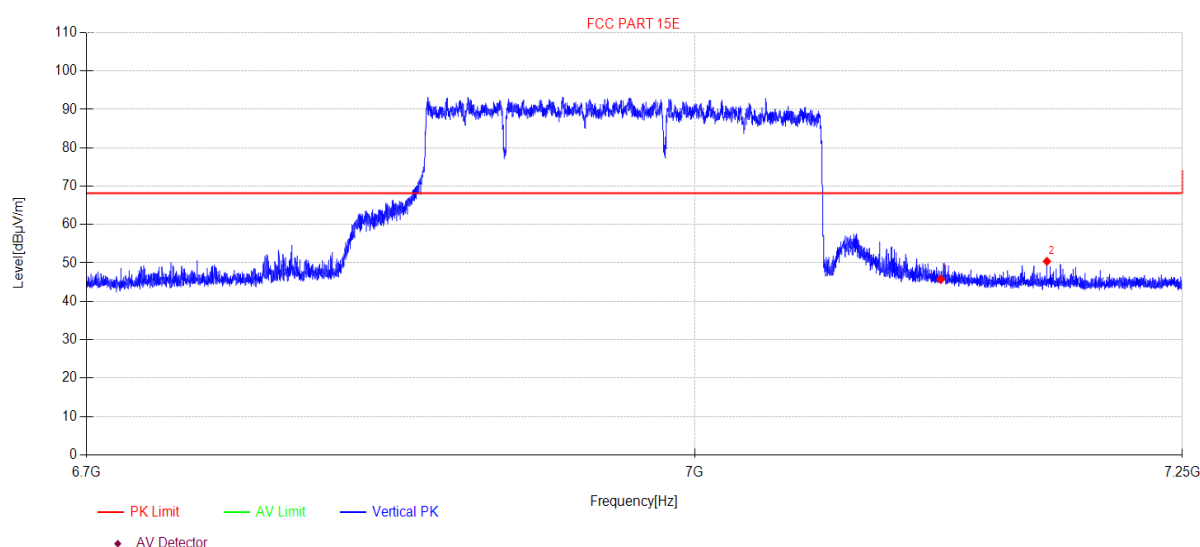
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-28  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\138  
**Memo:** 11BE320MIMO 6905 puncture 80+40

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

| N O. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|----------|
| 1    | 7125.00     | 43.75            | 6.61            | 36.35               | -41.00   | 45.71          | 68.20          | 22.49       | PK       | Vertical |
| 2    | 7179.66     | 48.33            | 6.62            | 36.46               | -41.00   | 50.41          | 68.20          | 17.79       | PK       | Vertical |

### Note:

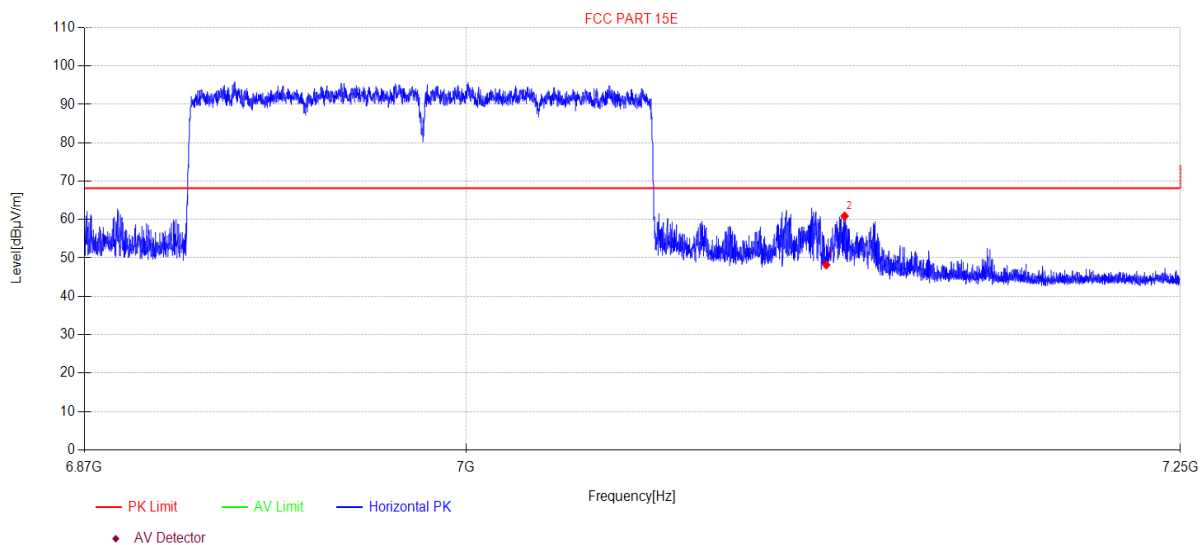
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-27  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\103  
**Memo:** 11AX160MIMO 6985

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

| N O. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|------------|
| 1    | 7125.00     | 46.22            | 6.61            | 36.35               | -41.00   | 48.18          | 68.20          | 20.02       | PK       | Horizontal |
| 2    | 7131.40     | 58.93            | 6.61            | 36.36               | -41.00   | 60.90          | 68.20          | 7.30        | PK       | Horizontal |

### Note:

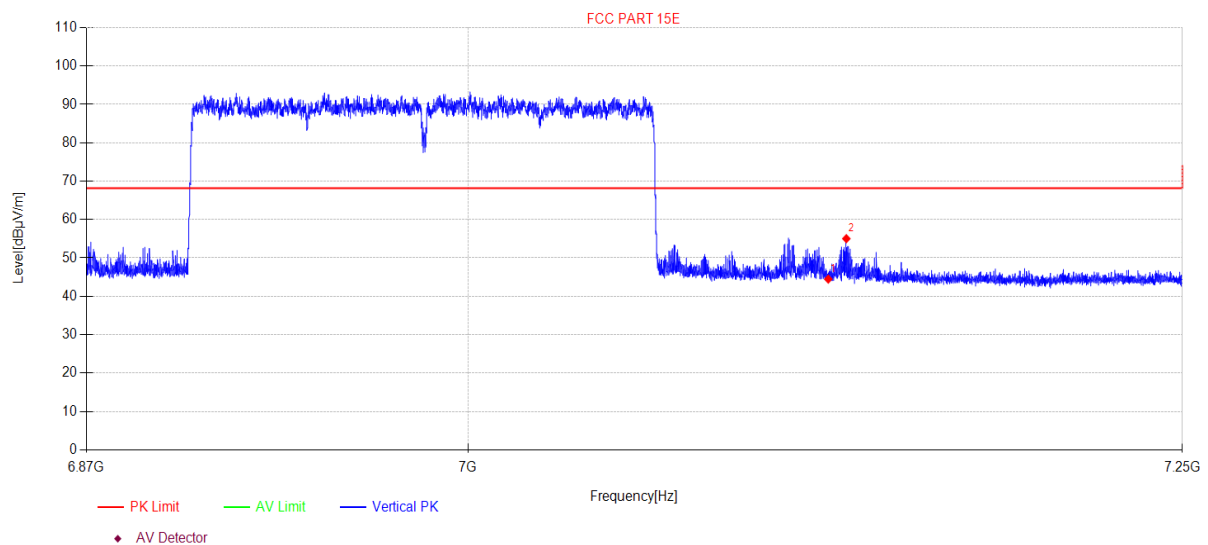
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-27  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\104  
**Memo:** 11AX160MIMO 6985

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

| N O. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|----------|
| 1    | 7125.00     | 42.52            | 6.61            | 36.35               | -41.00   | 44.48          | 68.20          | 23.72       | PK       | Vertical |
| 2    | 7131.33     | 53.05            | 6.61            | 36.36               | -41.00   | 55.02          | 68.20          | 13.18       | PK       | Vertical |

### Note:

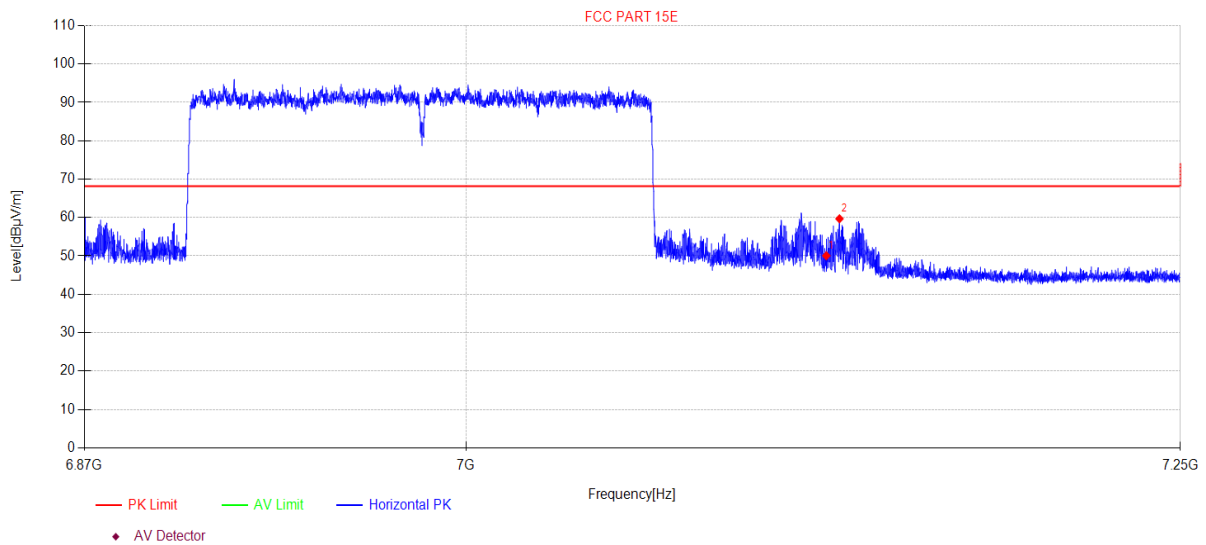
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-27  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\105  
**Memo:** 11BE160MIMO 6985

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

| N O. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|------------|
| 1    | 7125.00     | 48.09            | 6.61            | 36.35               | -41.00   | 50.05          | 68.20          | 18.15       | PK       | Horizontal |
| 2    | 7129.62     | 57.71            | 6.61            | 36.36               | -41.00   | 59.68          | 68.20          | 8.52        | PK       | Horizontal |

### Note:

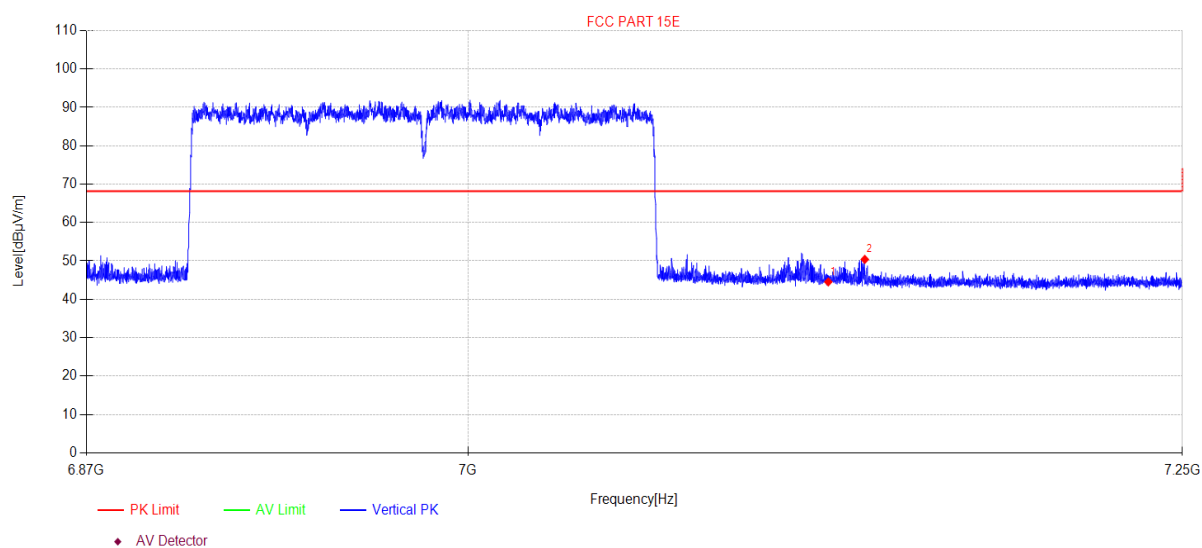
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-27  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\106  
**Memo:** 11BE160MIMO 6985

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

| N O. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|----------|
| 1    | 7125.00     | 42.58            | 6.61            | 36.35               | -41.00   | 44.54          | 68.20          | 23.66       | PK       | Vertical |
| 2    | 7137.79     | 48.40            | 6.61            | 36.38               | -41.00   | 50.39          | 68.20          | 17.81       | PK       | Vertical |

Note:

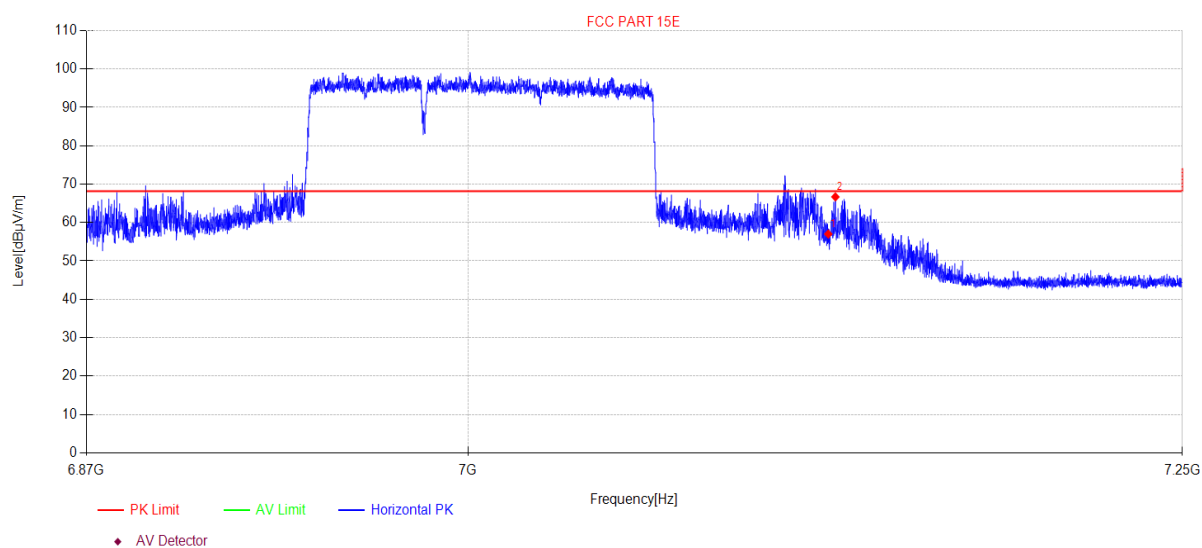
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-27  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\107  
**Memo:** 11BE160MIMO 6985 MRU

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

| N O. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|------------|
| 1    | 7125.00     | 55.04            | 6.61            | 36.35               | -41.00   | 57.00          | 68.20          | 11.20       | PK       | Horizontal |
| 2    | 7127.49     | 64.73            | 6.61            | 36.35               | -41.00   | 66.69          | 68.20          | 1.51        | PK       | Horizontal |

### Note:

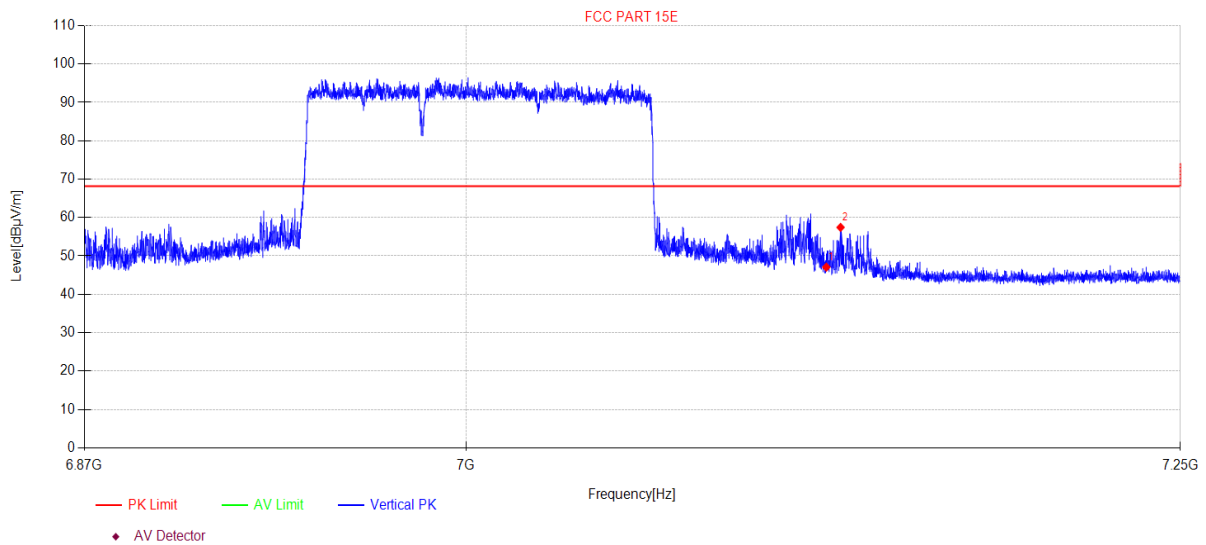
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-27  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\108  
**Memo:** 11BE160MIMO 6985 MRU

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

| N O. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|----------|
| 1    | 7125.00     | 45.11            | 6.61            | 36.35               | -41.00   | 47.07          | 68.20          | 21.13       | PK       | Vertical |
| 2    | 7130.00     | 55.47            | 6.61            | 36.36               | -41.00   | 57.44          | 68.20          | 10.76       | PK       | Vertical |

### Note:

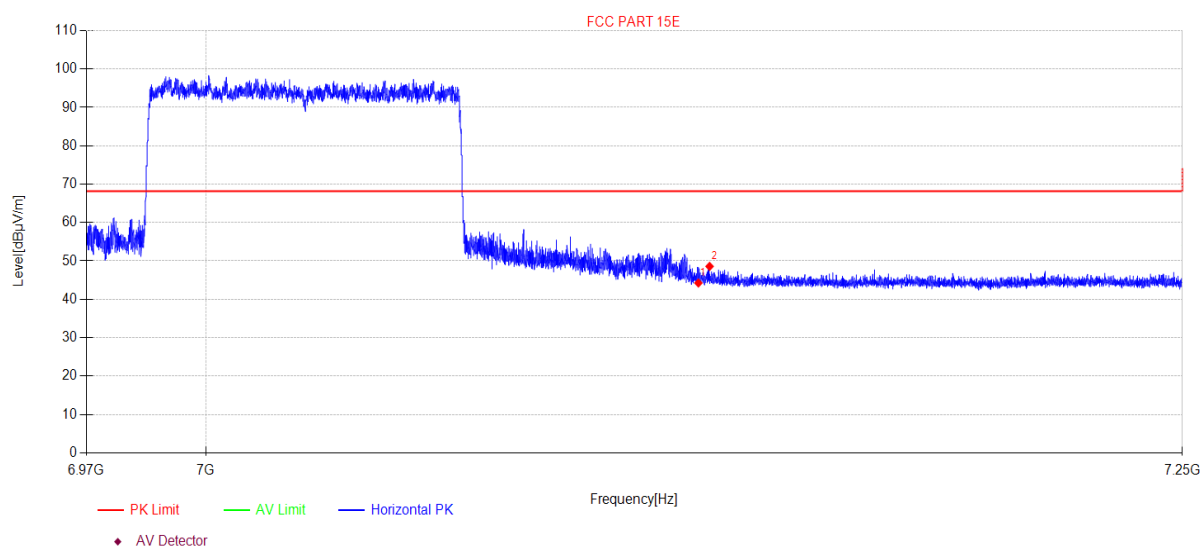
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-27  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\109  
**Memo:** 11AX80MIMO 7025

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

| N O. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|------------|
| 1    | 7125.00     | 42.29            | 6.61            | 36.35               | -41.00   | 44.25          | 68.20          | 23.95       | PK       | Horizontal |
| 2    | 7127.86     | 46.61            | 6.61            | 36.36               | -41.00   | 48.58          | 68.20          | 19.62       | PK       | Horizontal |

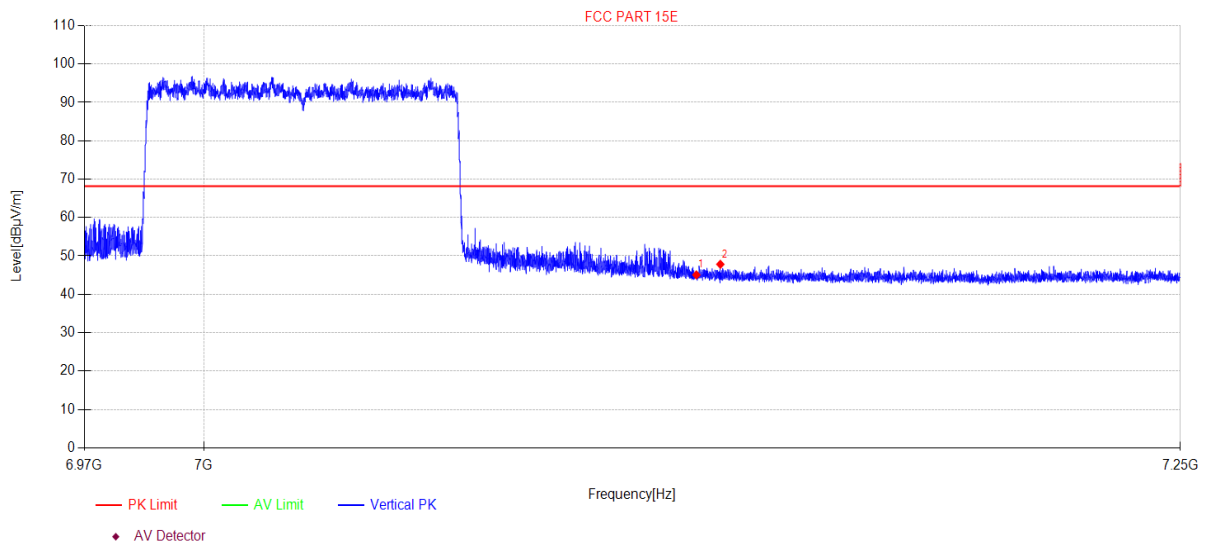
Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-27      **Tested By:** Bairong  
**EUT:** Wireless Access Point      **Model Number:** RG-RAP73HD  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:22.9°C;Humi:54.2%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\110  
**Memo:** 11AX80MIMO 7025

### Test Graph



### Suspected Data List

| N O. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|----------|
| 1    | 7125.00     | 43.10            | 6.61            | 36.35               | -41.00   | 45.06          | 68.20          | 23.14       | PK       | Vertical |
| 2    | 7131.14     | 45.84            | 6.61            | 36.36               | -41.00   | 47.81          | 68.20          | 20.39       | PK       | Vertical |

### Note:

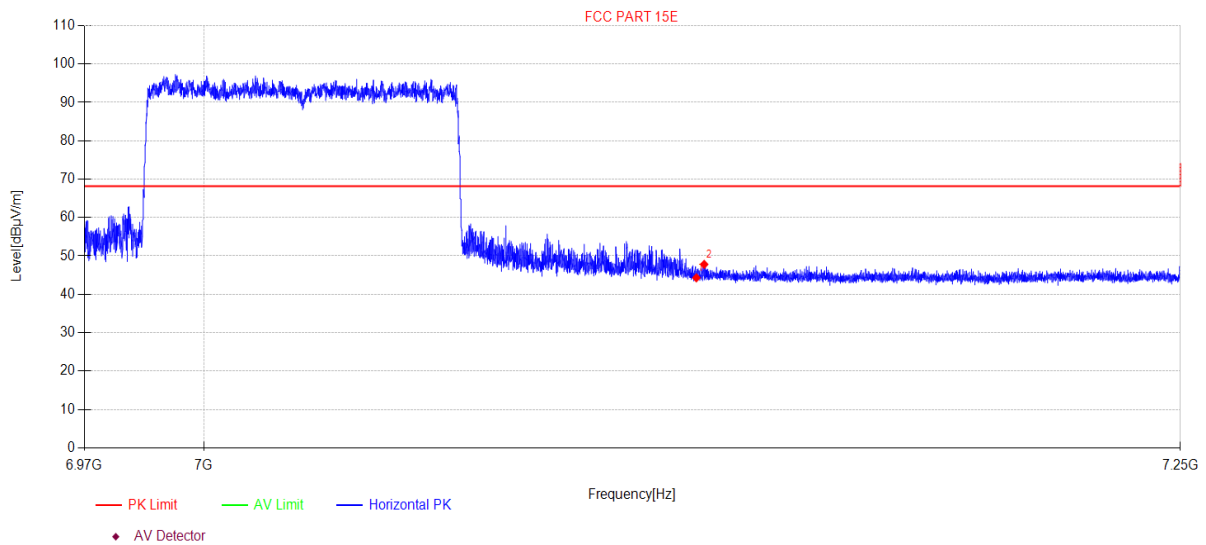
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-27  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\111  
**Memo:** 11BE80MIMO 7025

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

| N O. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|------------|
| 1    | 7125.00     | 42.33            | 6.61            | 36.35               | -41.00   | 44.29          | 68.20          | 23.91       | PK       | Horizontal |
| 2    | 7127.00     | 45.84            | 6.61            | 36.35               | -41.00   | 47.80          | 68.20          | 20.40       | PK       | Horizontal |

### Note:

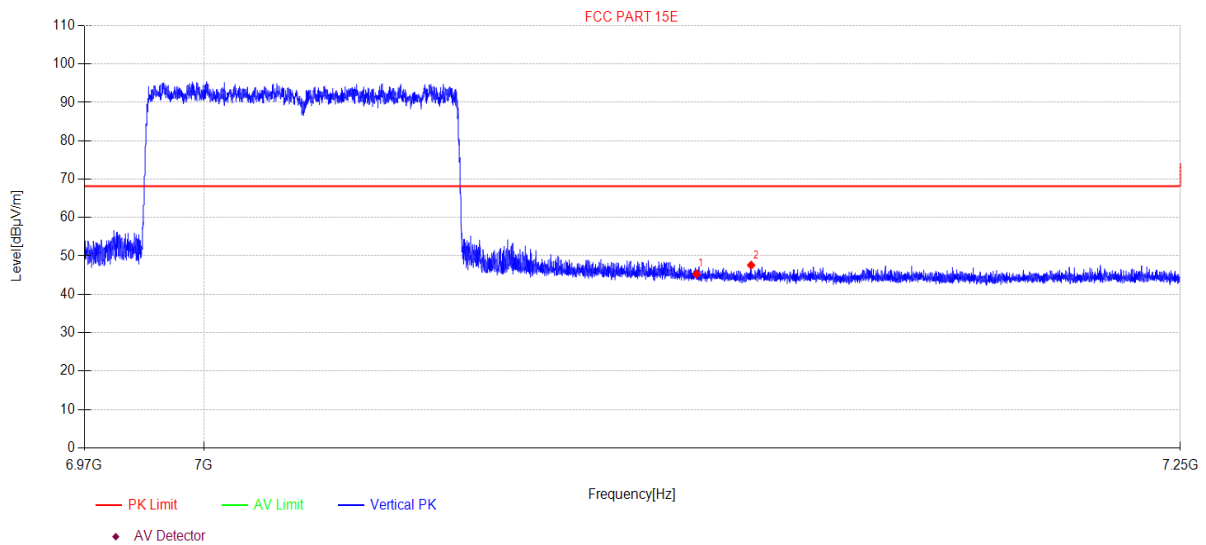
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-27  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\112  
**Memo:** 11BE80MIMO 7025

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

| N O. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|----------|
| 1    | 7125.00     | 43.33            | 6.61            | 36.35               | -41.00   | 45.29          | 68.20          | 22.91       | PK       | Vertical |
| 2    | 7139.04     | 45.59            | 6.61            | 36.38               | -41.00   | 47.58          | 68.20          | 20.62       | PK       | Vertical |

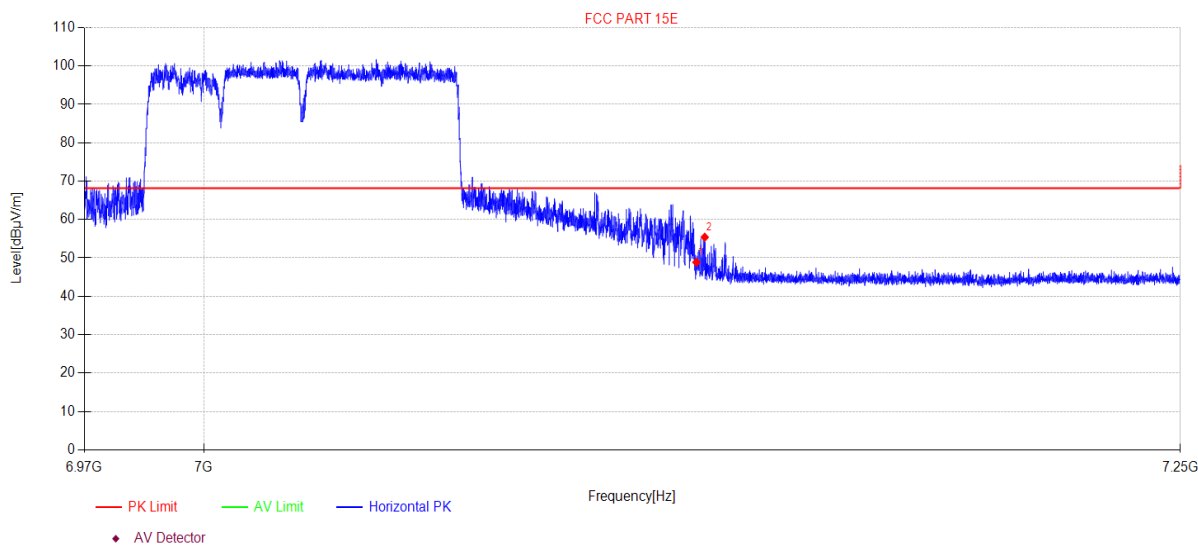
### Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-27      **Tested By:** Bairong  
**EUT:** Wireless Access Point      **Model Number:** RG-RAP73HD  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:22.9°C;Humi:54.2%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\113  
**Memo:** 11BE80MIMO 7025 RU66+RU62

### Test Graph



### Suspected Data List

| N O. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|------------|
| 1    | 7125.00     | 46.91            | 6.61            | 36.35               | -41.00   | 48.87          | 68.20          | 19.33       | PK       | Horizontal |
| 2    | 7127.14     | 53.44            | 6.61            | 36.35               | -41.00   | 55.40          | 68.20          | 12.80       | PK       | Horizontal |

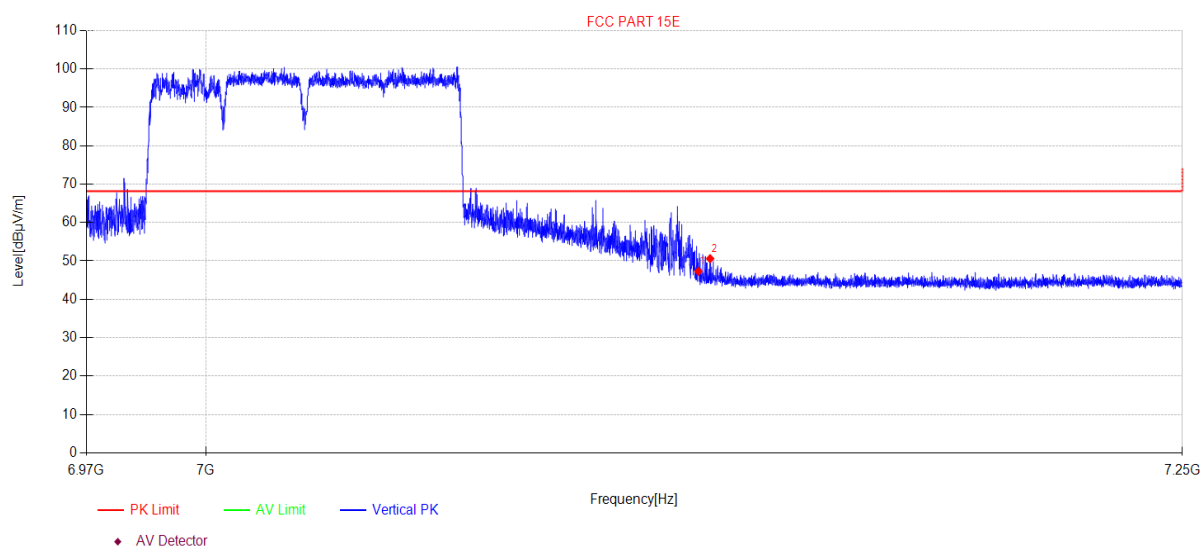
### Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-27      **Tested By:** Bairong  
**EUT:** Wireless Access Point      **Model Number:** RG-RAP73HD  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:22.9°C;Humi:54.2%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\114  
**Memo:** 11BE80MIMO 7025 RU66+RU62

### Test Graph



| Suspected Data List |             |                  |                 |                     |          |                |                |             |          |          |
|---------------------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|----------|
| N O.                | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1                   | 7125.00     | 45.32            | 6.61            | 36.35               | -41.00   | 47.28          | 68.20          | 20.92       | PK       | Vertical |
| 2                   | 7128.00     | 48.63            | 6.61            | 36.36               | -41.00   | 50.60          | 68.20          | 17.60       | PK       | Vertical |

### Note:

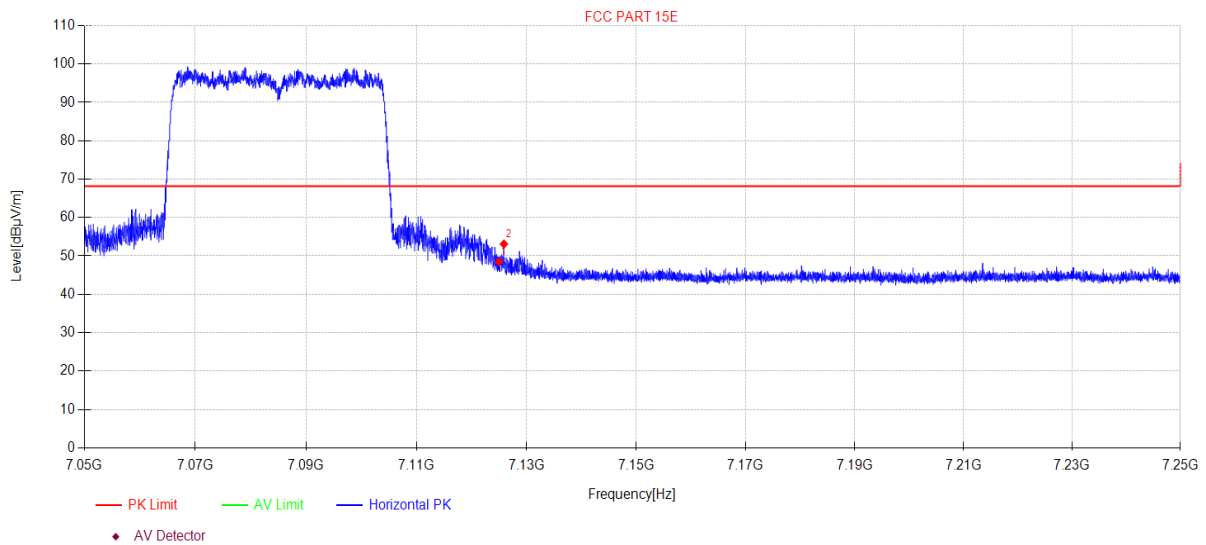
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-27  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\115  
**Memo:** 11AX40MIMO 7085

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

| N O. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|------------|
| 1    | 7125.00     | 46.53            | 6.61            | 36.35               | -41.00   | 48.49          | 68.20          | 19.71       | PK       | Horizontal |
| 2    | 7125.90     | 51.13            | 6.61            | 36.35               | -41.00   | 53.09          | 68.20          | 15.11       | PK       | Horizontal |

### Note:

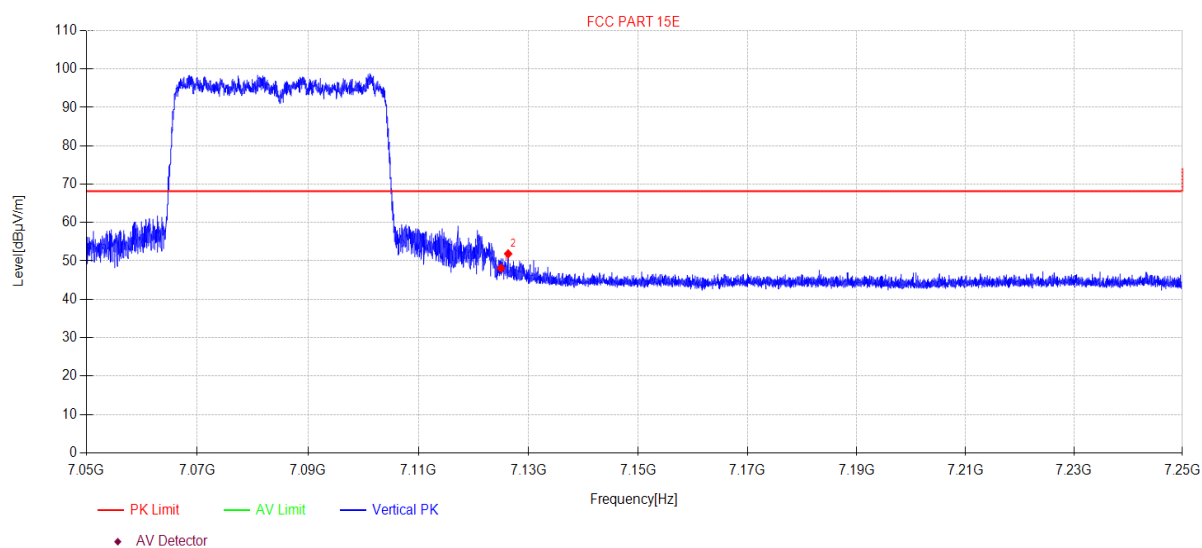
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-27  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\116  
**Memo:** 11AX40MIMO 7085

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

| N O. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|----------|
| 1    | 7125.00     | 46.14            | 6.61            | 36.35               | -41.00   | 48.10          | 68.20          | 20.10       | PK       | Vertical |
| 2    | 7126.32     | 49.90            | 6.61            | 36.35               | -41.00   | 51.86          | 68.20          | 16.34       | PK       | Vertical |

Note:

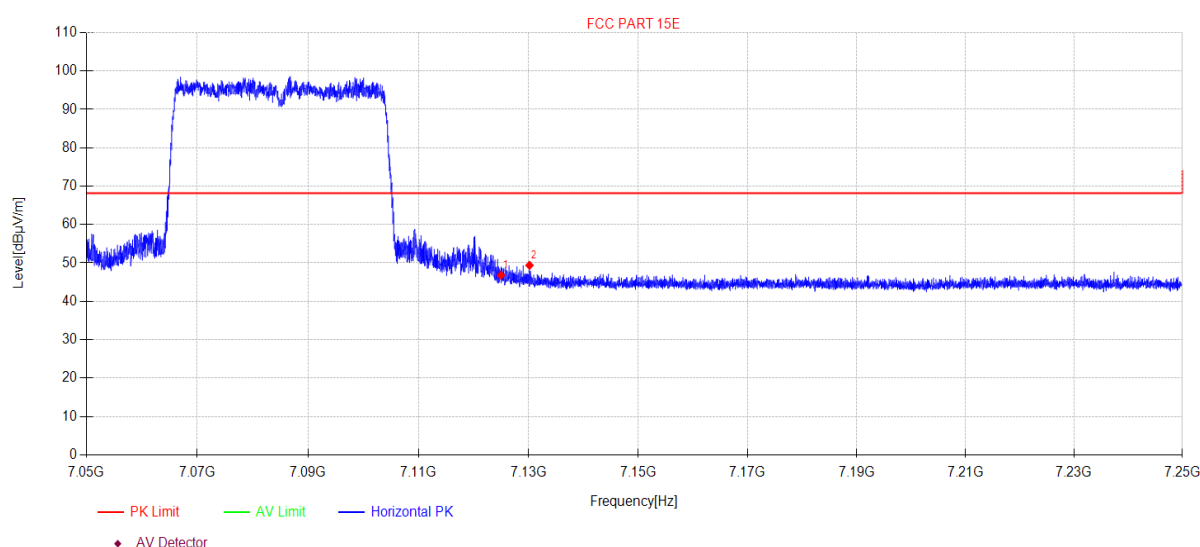
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-27  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\117  
**Memo:** 11BE40MIMO 7085

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

| N O. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|------------|
| 1    | 7125.00     | 44.84            | 6.61            | 36.35               | -41.00   | 46.80          | 68.20          | 21.40       | PK       | Horizontal |
| 2    | 7130.20     | 47.40            | 6.61            | 36.36               | -41.00   | 49.37          | 68.20          | 18.83       | PK       | Horizontal |

Note:

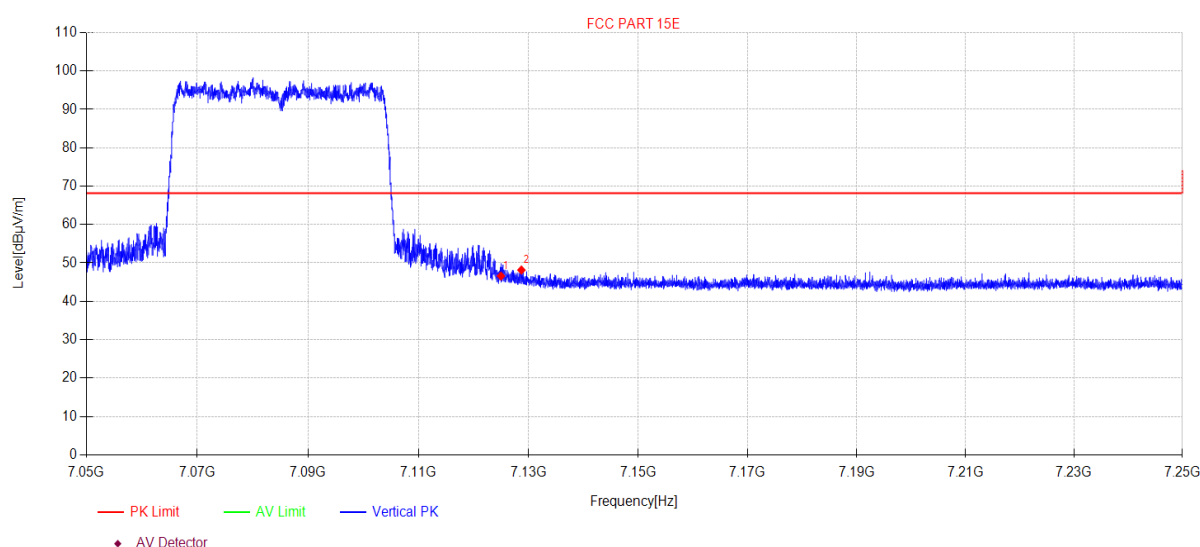
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-06-27  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\118  
**Memo:** 11BE40MIMO 7085

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

| N O. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|------|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|----------|
| 1    | 7125.00     | 44.62            | 6.61            | 36.35               | -41.00   | 46.58          | 68.20          | 21.62       | PK       | Vertical |
| 2    | 7128.72     | 46.17            | 6.61            | 36.36               | -41.00   | 48.14          | 68.20          | 20.06       | PK       | Vertical |

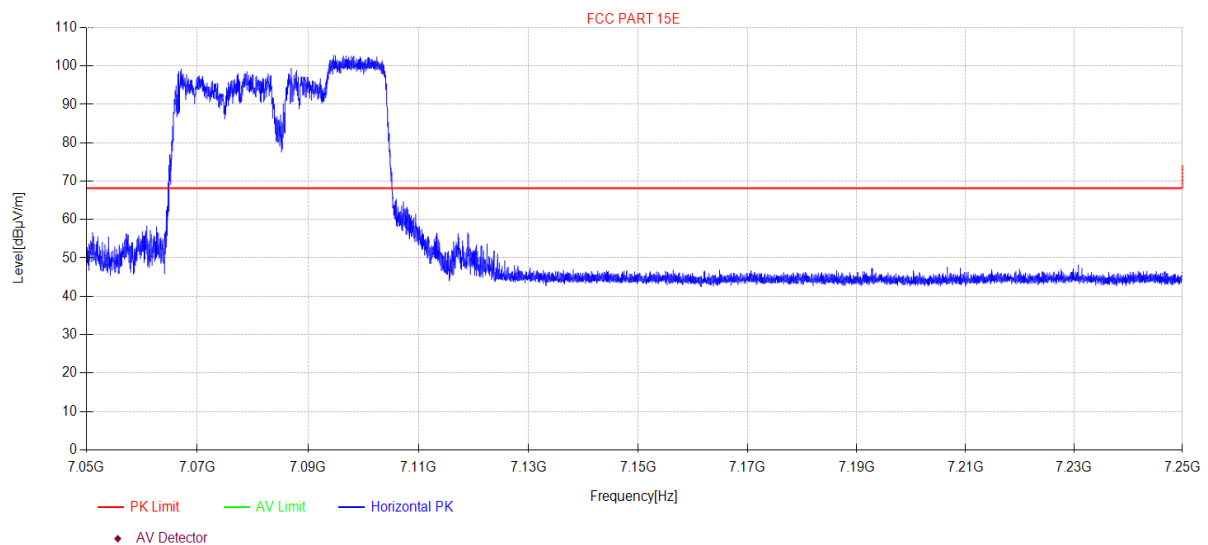
### Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

|                   |                                                                 |                      |                |
|-------------------|-----------------------------------------------------------------|----------------------|----------------|
| <b>Test Date:</b> | 2023-06-27                                                      | <b>Tested By:</b>    | Bairong        |
| <b>EUT:</b>       | Wireless Access Point                                           | <b>Model Number:</b> | RG-RAP73HD     |
| <b>Test Mode:</b> | TX Mode                                                         | <b>Power Supply:</b> | AC 120V/60Hz   |
| <b>Condition:</b> | Temp:22.9°C;Humi:54.2%                                          | <b>Test Site:</b>    | DDT 3# Chamber |
| <b>File Path:</b> | d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\119 |                      |                |
| <b>Memo:</b>      | 11BE40MIMO 7085 RU65+RU13                                       |                      |                |

### Test Graph



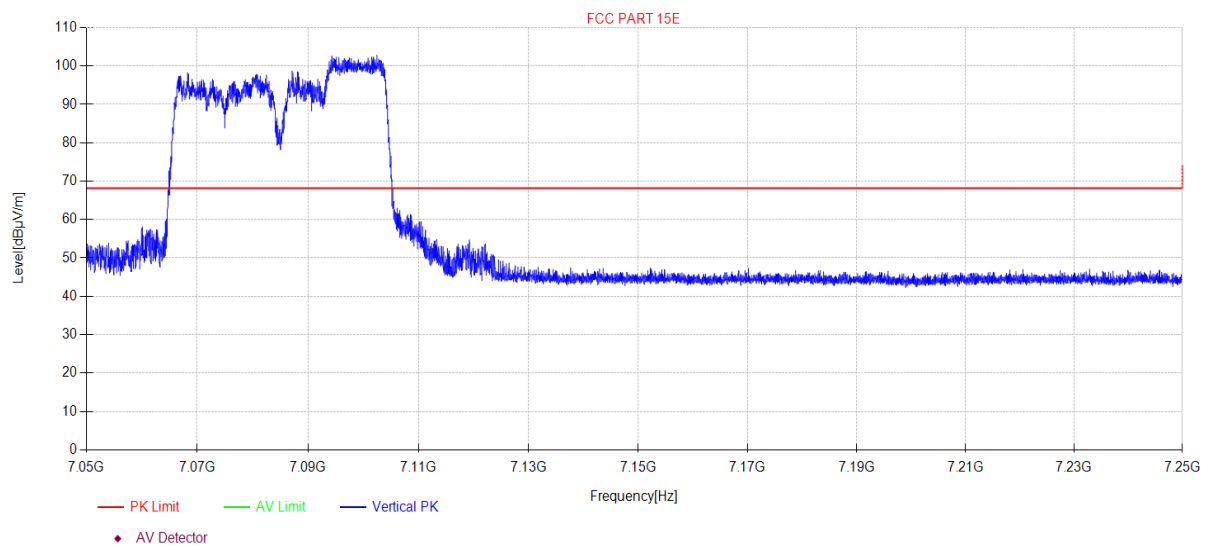
### Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

|                   |                                                                 |                      |                |
|-------------------|-----------------------------------------------------------------|----------------------|----------------|
| <b>Test Date:</b> | 2023-06-27                                                      | <b>Tested By:</b>    | Bairong        |
| <b>EUT:</b>       | Wireless Access Point                                           | <b>Model Number:</b> | RG-RAP73HD     |
| <b>Test Mode:</b> | TX Mode                                                         | <b>Power Supply:</b> | AC 120V/60Hz   |
| <b>Condition:</b> | Temp:22.9°C;Humi:54.2%                                          | <b>Test Site:</b>    | DDT 3# Chamber |
| <b>File Path:</b> | d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\120 |                      |                |
| <b>Memo:</b>      | 11BE40MIMO 7085 RU65+RU13                                       |                      |                |

### Test Graph



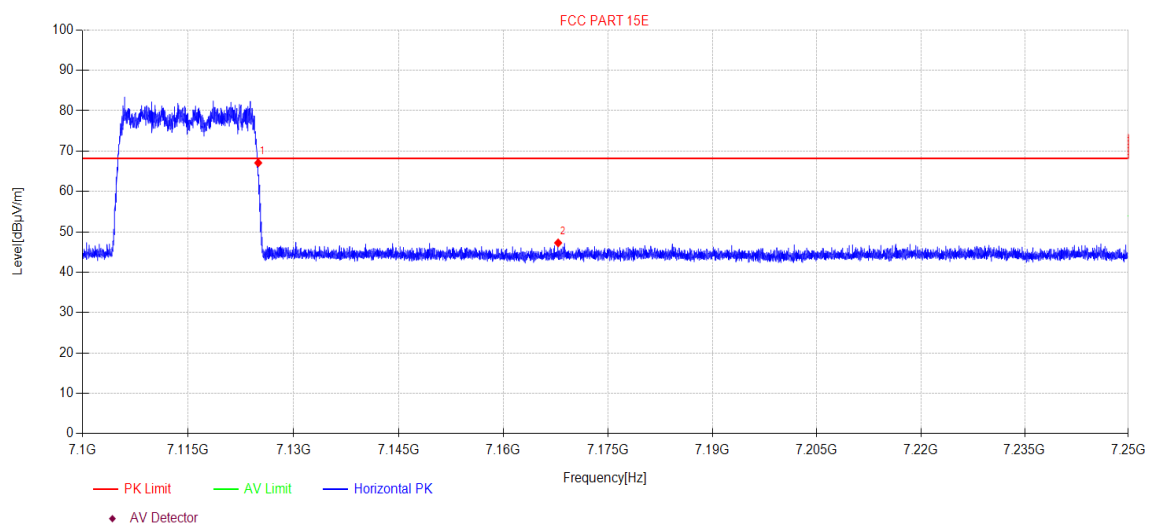
### Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-07-03 **Tested By:** Bairong  
**EUT:** Wireless Access Point **Model Number:** RG-RAP73HD  
**Test Mode:** TX Mode **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:22.9°C;Humi:54.2% **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\145  
**Memo:** 11AX20MIMO 7115

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|------------|
| 1   | 7125.00     | 65.12            | 6.61            | 36.35               | -41.00   | 67.08          | 68.20          | 1.12        | PK       | Horizontal |
| 2   | 7167.85     | 45.21            | 6.62            | 36.44               | -41.00   | 47.27          | 68.20          | 20.93       | PK       | Horizontal |

### Note:

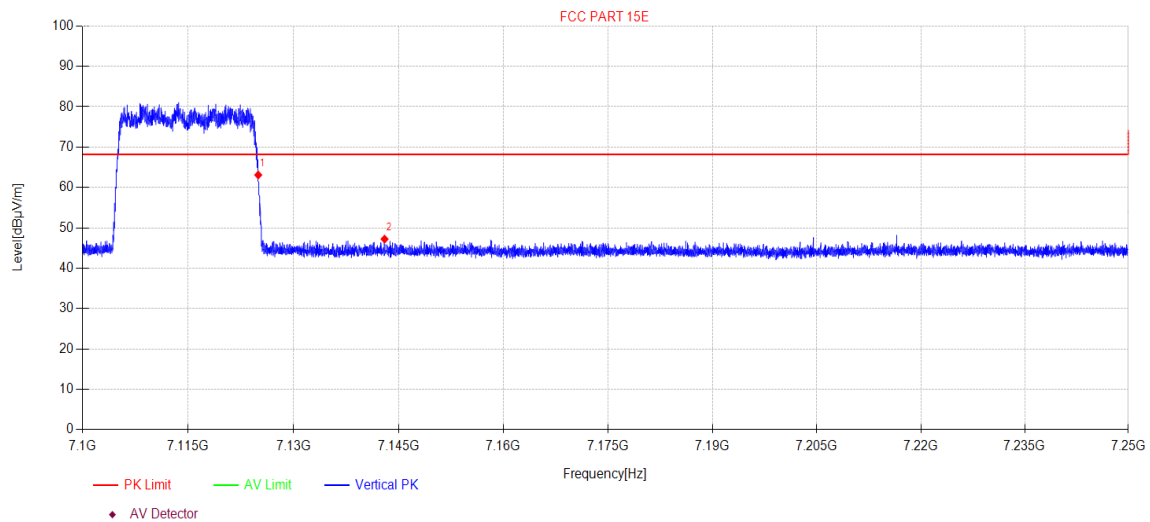
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-07-03  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\146  
**Memo:** 11AX20MIMO 7115

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|----------|
| 1   | 7125.00     | 61.13            | 6.61            | 36.35               | -41.00   | 63.09          | 68.20          | 5.11        | PK       | Vertical |
| 2   | 7143.02     | 45.21            | 6.61            | 36.39               | -41.00   | 47.21          | 68.20          | 20.99       | PK       | Vertical |

### Note:

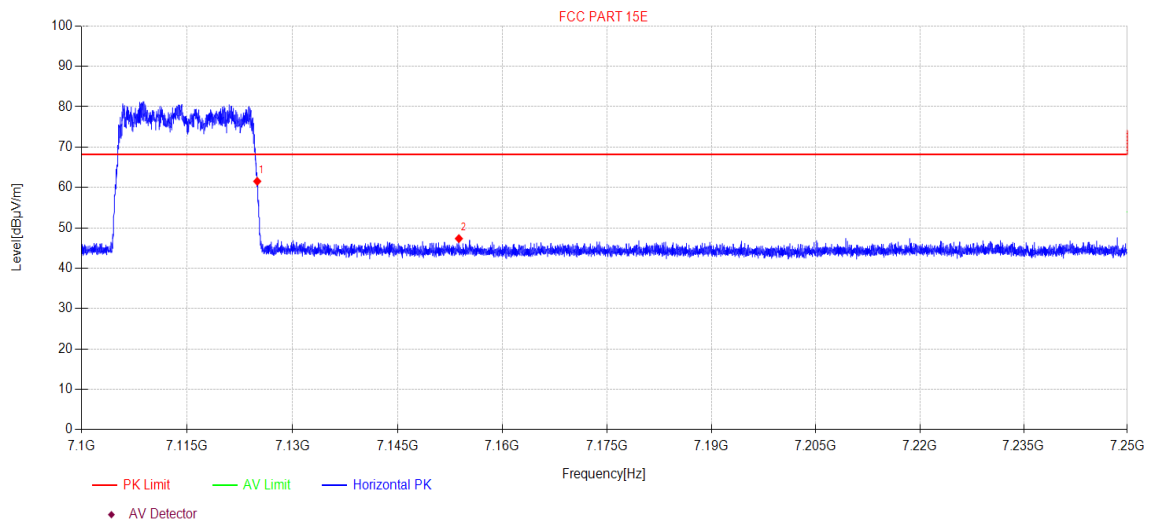
- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-07-03  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\147  
**Memo:** 11BE20MIMO 7115

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|------------|
| 1   | 7125.00     | 59.57            | 6.61            | 36.35               | -41.00   | 61.53          | 68.20          | 6.67        | PK       | Horizontal |
| 2   | 7153.78     | 45.31            | 6.62            | 36.41               | -41.00   | 47.34          | 68.20          | 20.86       | PK       | Horizontal |

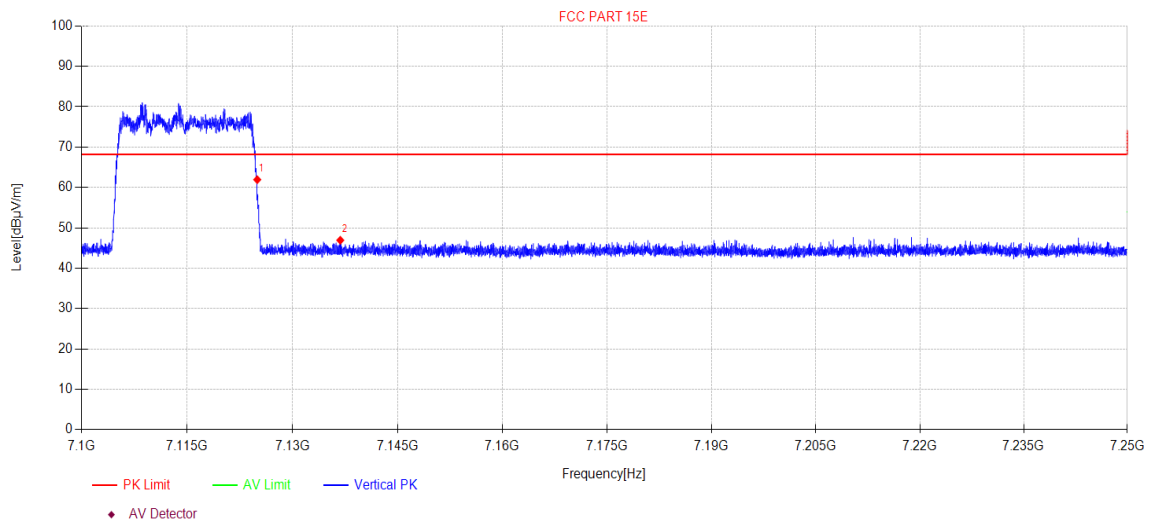
### Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-07-03  
**Tested By:** Bairong  
**EUT:** Wireless Access Point  
**Model Number:** RG-RAP73HD  
**Test Mode:** TX Mode  
**Power Supply:** AC 120V/60Hz  
**Condition:** Temp:22.9°C;Humi:54.2%  
**Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\148  
**Memo:** 11BE20MIMO 7115

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|----------|
| 1   | 7125.00     | 59.97            | 6.61            | 36.35               | -41.00   | 61.93          | 68.20          | 6.27        | PK       | Vertical |
| 2   | 7136.84     | 44.95            | 6.61            | 36.37               | -41.00   | 46.93          | 68.20          | 21.27       | PK       | Vertical |

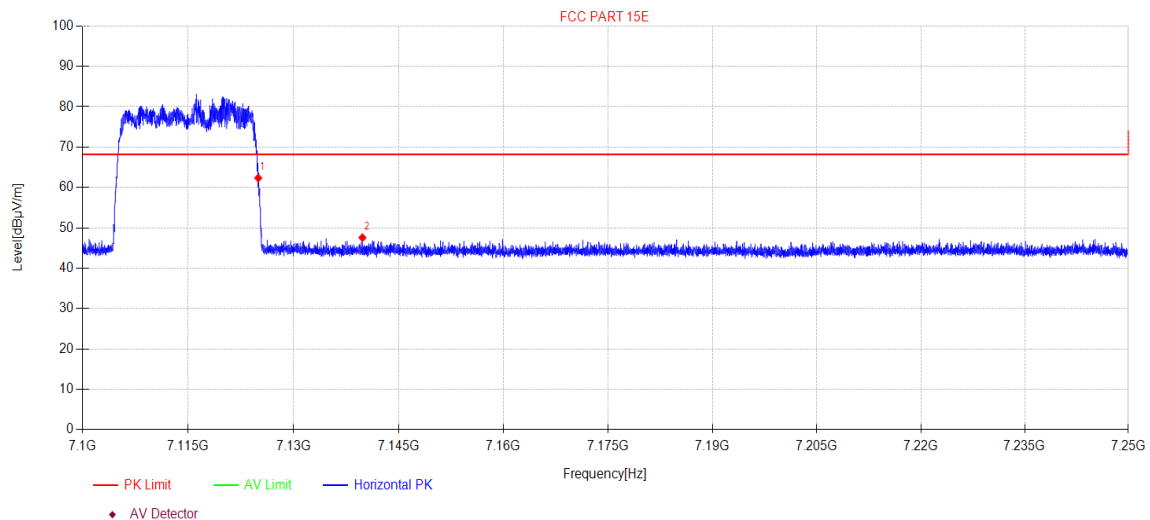
### Note:

- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-07-03  
**Tested By:** Bairong  
**EUT:** Wireless Access Point  
**Model Number:** RG-RAP73HD  
**Test Mode:** TX Mode  
**Power Supply:** AC 120V/60Hz  
**Condition:** Temp:22.9°C;Humi:54.2%  
**Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\149  
**Memo:** 11BE20MIMO 7115 RU39+RU7

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|------------|
| 1   | 7125.00     | 60.39            | 6.61            | 36.35               | -41.00   | 62.35          | 68.20          | 5.85        | PK       | Horizontal |
| 2   | 7139.86     | 45.58            | 6.61            | 36.38               | -41.00   | 47.57          | 68.20          | 20.63       | PK       | Horizontal |

### Note:

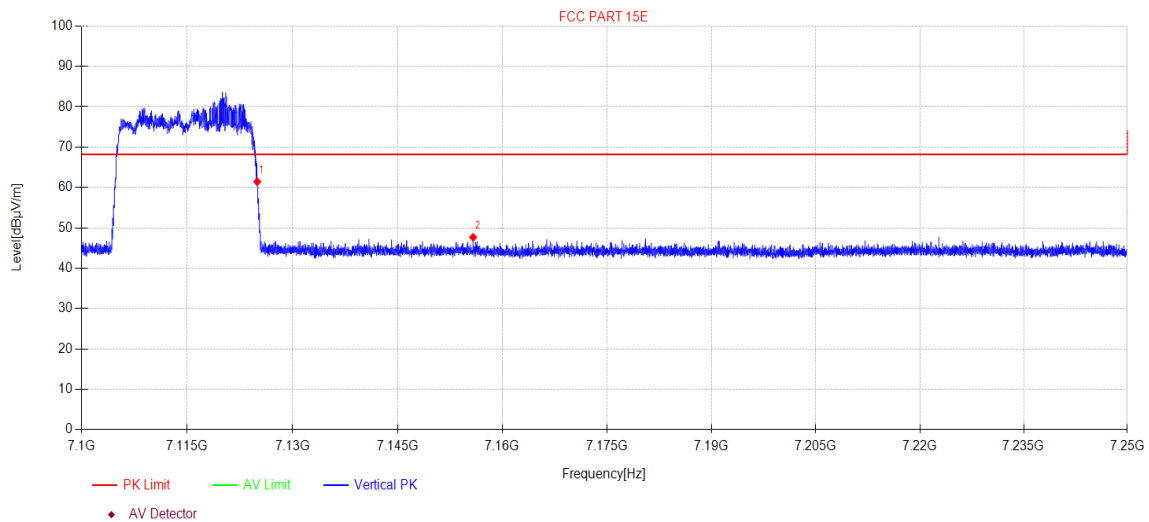
- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-07-03  
**EUT:** Wireless Access Point  
**Test Mode:** TX Mode  
**Condition:** Temp:22.9°C;Humi:54.2%  
**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\150  
**Memo:** 11BE20MIMO 7115 RU39+RU7

**Tested By:** Bairong  
**Model Number:** RG-RAP73HD  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

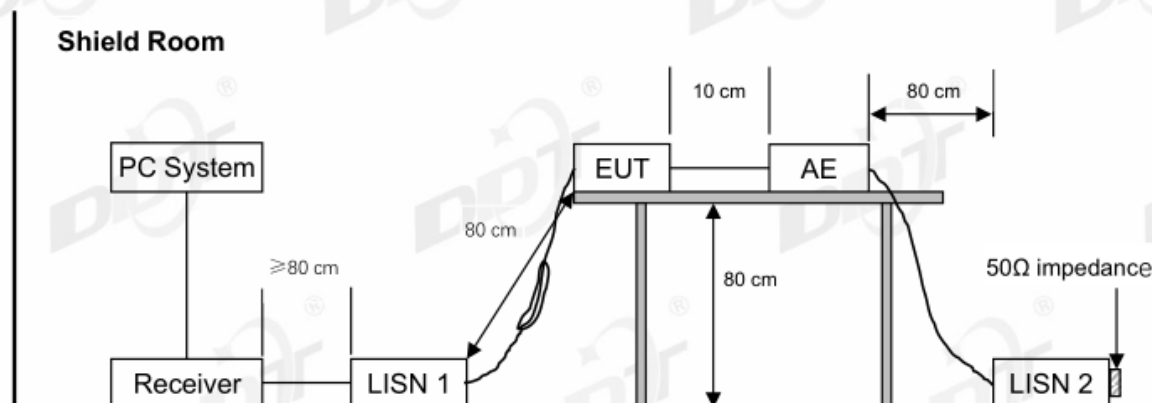
| NO. | Freq. [MHz] | Reading [dBμV/m] | Cable loss [dB] | Antenna Factor [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|------------------|-----------------|---------------------|----------|----------------|----------------|-------------|----------|----------|
| 1   | 7125.00     | 59.47            | 6.61            | 36.35               | -41.00   | 61.43          | 68.20          | 6.77        | PK       | Vertical |
| 2   | 7155.82     | 45.62            | 6.62            | 36.41               | -41.00   | 47.65          | 68.20          | 20.55       | PK       | Vertical |

### Note:

- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## 13. Power Line Conducted Emission

### 13.1. Block diagram of test setup



### 13.2. Power Line Conducted Emission Limits

| Frequency         | Quasi-Peak Level<br>dB( $\mu$ V) | Average Level<br>dB( $\mu$ V) |
|-------------------|----------------------------------|-------------------------------|
| 150 kHz ~ 500 kHz | 66 ~ 56*                         | 56 ~ 46*                      |
| 500 kHz ~ 5 MHz   | 56                               | 46                            |
| 5 MHz ~ 30 MHz    | 60                               | 50                            |

Note 1: \* Decreasing linearly with logarithm of frequency.

Note 2: The lower limit shall apply at the transition frequencies.

### 13.3. Test Procedure

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane.

All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30 MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

The test mode(s) described in clause 2.4 were scanned during the preliminary test.

After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 9 kHz.

#### 13.4. Test Result

##### **Pass. (See below detailed test result)**

Note1: All emissions not reported below are too low against the prescribed limits.

Note2: “----” means peak detection; “----” means average detection

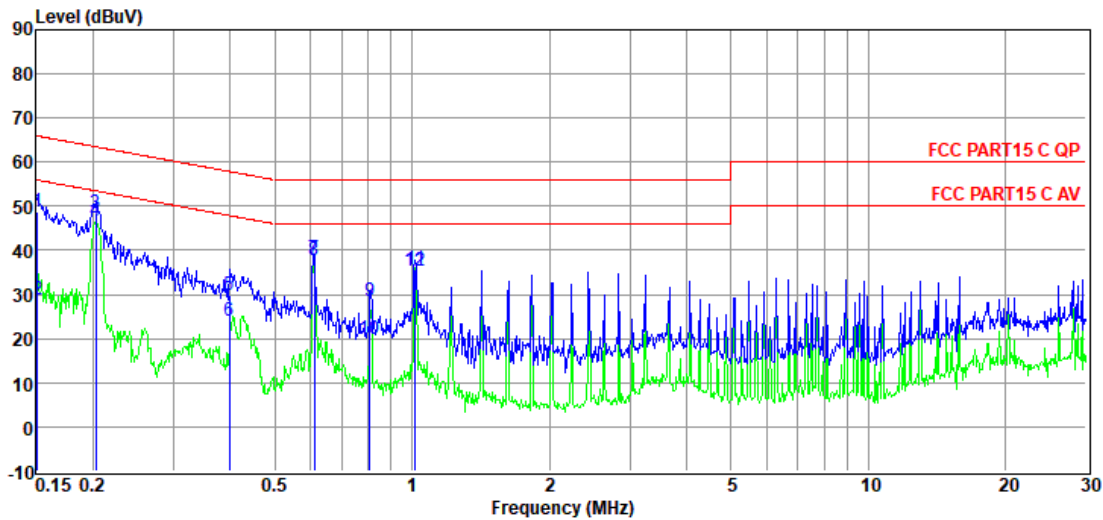
Note3: Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded worse case.

# TR-4-E-010 Conducted Emission Test Result

**Test Site** : DDT 1# Shield Room  
**Test Date** : 2023-04-17  
**EUT** : Wireless Access Point  
**Power Supply** : AC 120V/60Hz  
**Condition** : TEMP:23.1°C, RH:52.1%, BP:101.1kPa  
**Memo** :

**D:\2023 CE report data\Q23032214-2E RG-RAP73HD\FCC.EM6**  
**Tested By** : Bairong  
**Model Number** : RG-RAP73HD  
**Test Mode** : TX  
**LISN** : 2022 1# ENV216/NEUTRAL

Data: 10



| Item<br>(Mark) | Freq.<br>(MHz) | Read Level<br>(dBμV) | LISN Factor<br>(dB) | Cable Loss<br>(dB) | Pulse Limiter Factor<br>(dB) | Result Level<br>(dBμV) | Limit Line<br>(dBμV) | Over Limit<br>(dB) | Detector | Phase   |
|----------------|----------------|----------------------|---------------------|--------------------|------------------------------|------------------------|----------------------|--------------------|----------|---------|
| 1              | 0.15           | 28.92                | 9.80                | 0.01               | 9.94                         | 48.67                  | 65.96                | -17.29             | QP       | NEUTRAL |
| 2              | 0.15           | 9.12                 | 9.80                | 0.01               | 9.94                         | 28.87                  | 55.96                | -27.09             | Average  | NEUTRAL |
| 3              | 0.20           | 28.66                | 9.90                | 0.01               | 9.90                         | 48.47                  | 63.49                | -15.02             | QP       | NEUTRAL |
| 4              | 0.20           | 26.80                | 9.90                | 0.01               | 9.90                         | 46.61                  | 53.49                | -6.88              | Average  | NEUTRAL |
| 5              | 0.40           | 10.23                | 9.68                | 0.01               | 9.91                         | 29.83                  | 57.90                | -28.07             | QP       | NEUTRAL |
| 6              | 0.40           | 4.46                 | 9.68                | 0.01               | 9.91                         | 24.06                  | 47.90                | -23.84             | Average  | NEUTRAL |
| 7              | 0.61           | 18.49                | 9.72                | 0.01               | 9.92                         | 38.14                  | 56.00                | -17.86             | QP       | NEUTRAL |
| 8              | 0.61           | 18.10                | 9.72                | 0.01               | 9.92                         | 37.75                  | 46.00                | -8.25              | Average  | NEUTRAL |
| 9              | 0.81           | 8.80                 | 9.76                | 0.02               | 9.92                         | 28.50                  | 56.00                | -27.50             | QP       | NEUTRAL |
| 10             | 0.81           | 0.26                 | 9.76                | 0.02               | 9.92                         | 19.96                  | 46.00                | -26.04             | Average  | NEUTRAL |
| 11             | 1.02           | 15.94                | 9.70                | 0.02               | 9.91                         | 35.57                  | 56.00                | -20.43             | QP       | NEUTRAL |
| 12             | 1.02           | 15.81                | 9.70                | 0.02               | 9.91                         | 35.44                  | 46.00                | -10.56             | Average  | NEUTRAL |

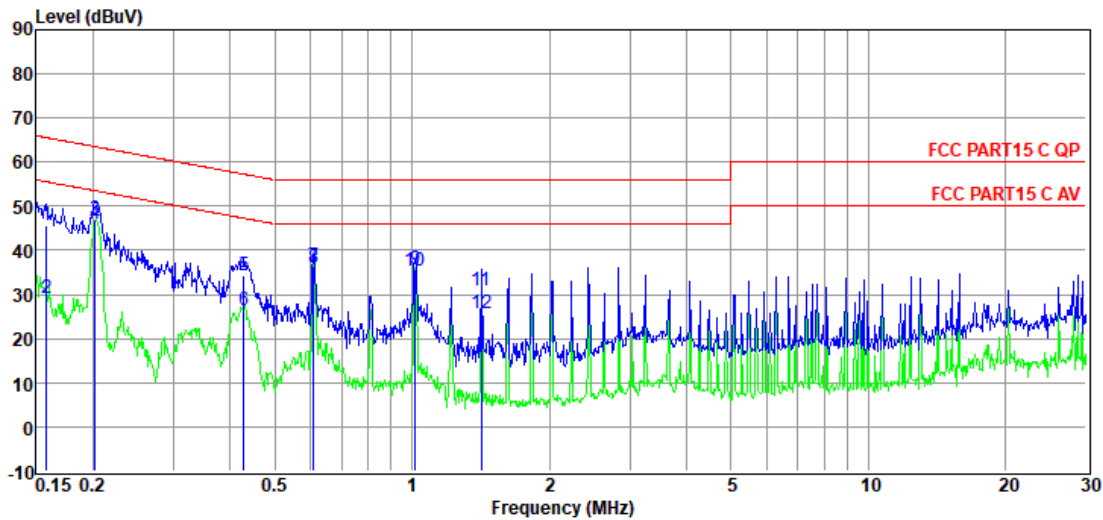
Note:

1. Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

# TR-4-E-010 Conducted Emission Test Result

**Test Site** : DDT 1# Shield Room  
**Test Date** : 2023-04-17  
**EUT** : Wireless Access Point  
**Power Supply** : AC 120V/60Hz  
**Condition** : TEMP:23.1°C, RH:52.1%, BP:101.1kPa  
**Memo** :  
**D:\2023 CE report data\Q23032214-2E RG-RAP73HD\FCC.EM6**  
**Tested By** : Bairong  
**Model Number** : RG-RAP73HD  
**Test Mode** : TX  
**LISN** : 2022 1# ENV216/LINE

Data: 12



| Item<br>(Mark) | Freq.<br>(MHz) | Read Level<br>(dBμV) | LISN Factor<br>(dB) | Cable Loss<br>(dB) | Pulse Limiter Factor<br>(dB) | Result Level<br>(dBμV) | Limit Line<br>(dBμV) | Over Limit<br>(dB) | Detector | Phase |
|----------------|----------------|----------------------|---------------------|--------------------|------------------------------|------------------------|----------------------|--------------------|----------|-------|
| 1              | 0.16           | 26.14                | 9.64                | 0.01               | 9.93                         | 45.72                  | 65.56                | -19.84             | QP       | LINE  |
| 2              | 0.16           | 9.66                 | 9.64                | 0.01               | 9.93                         | 29.24                  | 55.56                | -26.32             | Average  | LINE  |
| 3              | 0.20           | 27.32                | 9.80                | 0.01               | 9.90                         | 47.03                  | 63.54                | -16.51             | QP       | LINE  |
| 4              | 0.20           | 26.44                | 9.80                | 0.01               | 9.90                         | 46.15                  | 53.54                | -7.39              | Average  | LINE  |
| 5              | 0.43           | 14.76                | 9.72                | 0.01               | 9.92                         | 34.41                  | 57.29                | -22.88             | QP       | LINE  |
| 6              | 0.43           | 6.63                 | 9.72                | 0.01               | 9.92                         | 26.28                  | 47.29                | -21.01             | Average  | LINE  |
| 7              | 0.61           | 16.76                | 9.64                | 0.01               | 9.92                         | 36.33                  | 56.00                | -19.67             | QP       | LINE  |
| 8              | 0.61           | 16.33                | 9.64                | 0.01               | 9.92                         | 35.90                  | 46.00                | -10.10             | Average  | LINE  |
| 9              | 1.02           | 16.16                | 9.50                | 0.02               | 9.91                         | 35.59                  | 56.00                | -20.41             | QP       | LINE  |
| 10             | 1.02           | 16.05                | 9.50                | 0.02               | 9.91                         | 35.48                  | 46.00                | -10.52             | Average  | LINE  |
| 11             | 1.42           | 11.57                | 9.55                | 0.03               | 9.90                         | 31.05                  | 56.00                | -24.95             | QP       | LINE  |
| 12             | 1.42           | 6.25                 | 9.55                | 0.03               | 9.90                         | 25.73                  | 46.00                | -20.27             | Average  | LINE  |

Note:

1. Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

## 14. Antenna Requirements

### 14.1. Limit

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

For intentional device, according to RSS-Gen issue 5 section 6.8.

The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna.

The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.

### 14.2. Result

The device support 4T5R MIMO, the antennas both used for this product are PIFA antennas and no antenna other than that furnished by the responsible party shall be used with the device, maximum antenna gain is 6.49 dBi for antenna 1, 6.08 dBi for antenna 2, 5.97 dBi for antenna 3, 5.84 dBi for antenna 4.