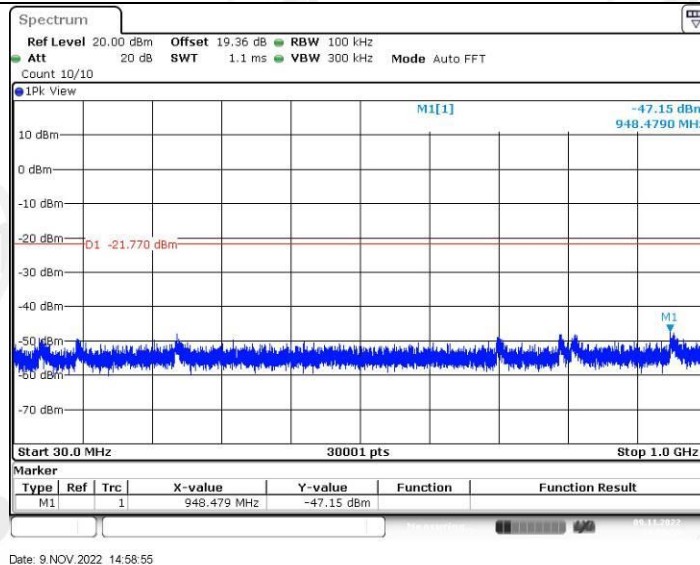
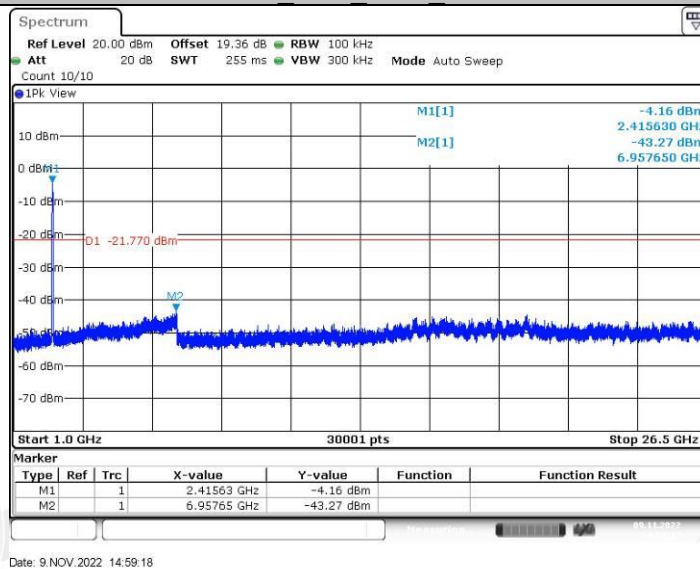
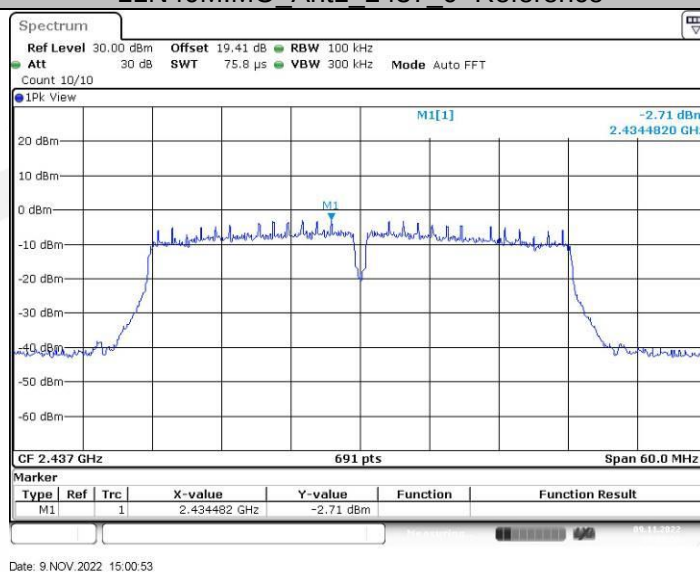




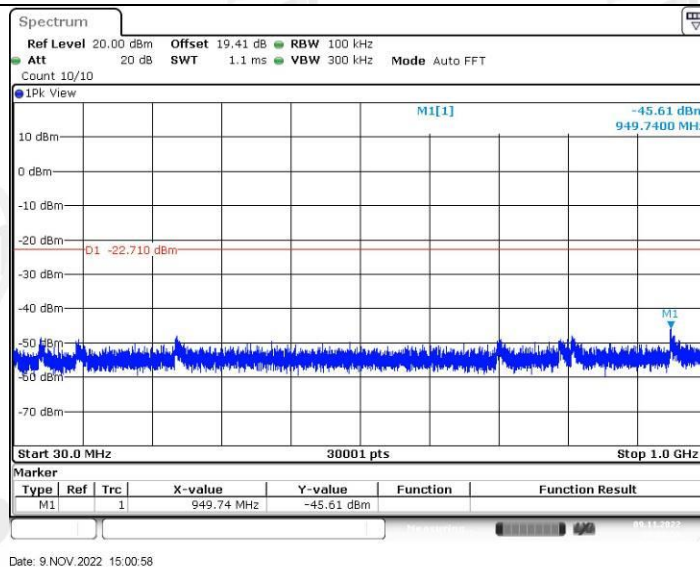
## 11N40MIMO Ant2 2422 1000~26500



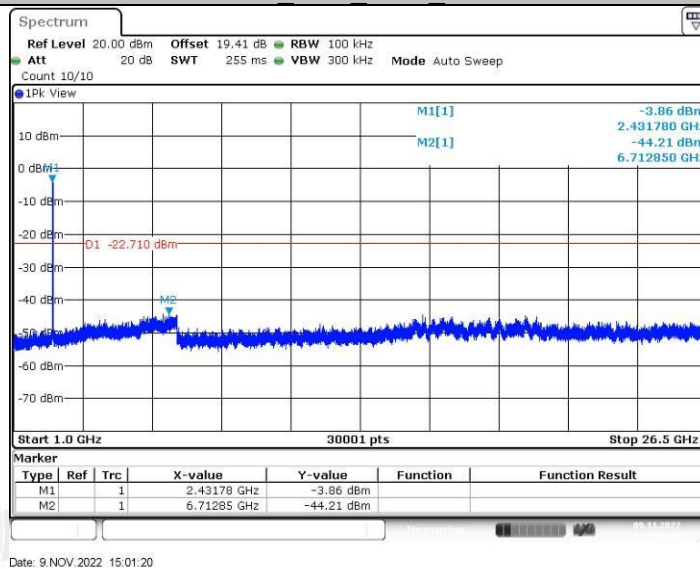
## 11N40MIMO Ant1 2437 0~Reference



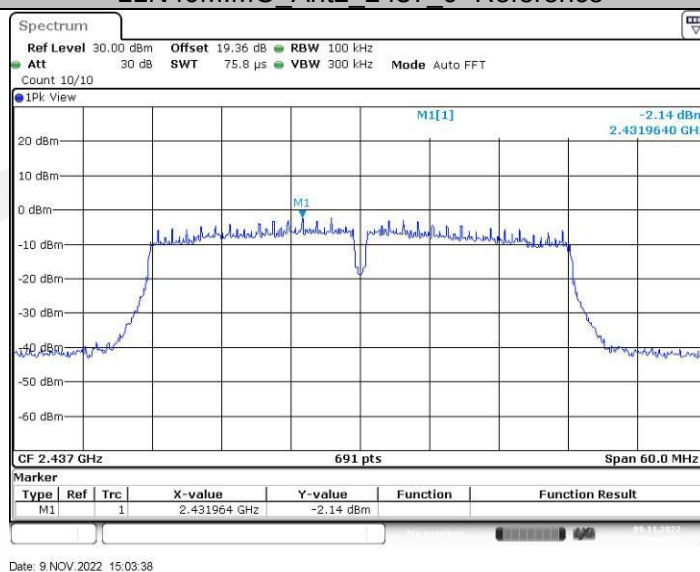
## 11N40MIMO Ant1 2437 30~1000



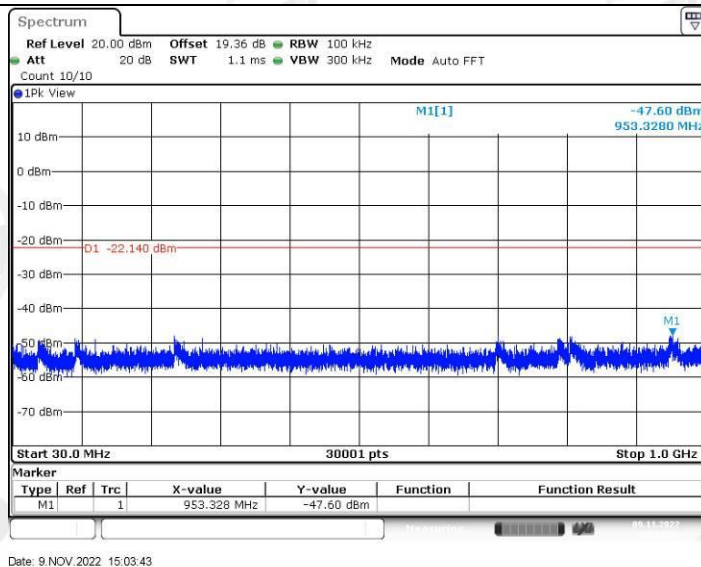
## 11N40MIMO Ant1 2437 1000~26500



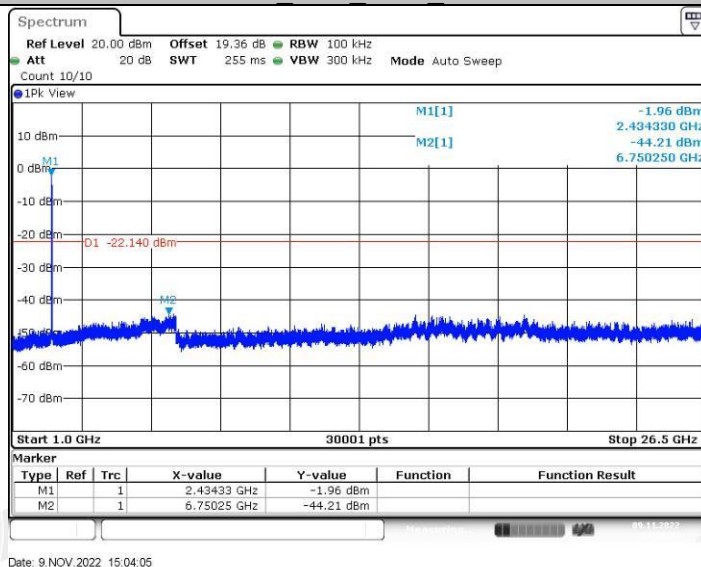
## 11N40MIMO Ant2 2437 0~Reference



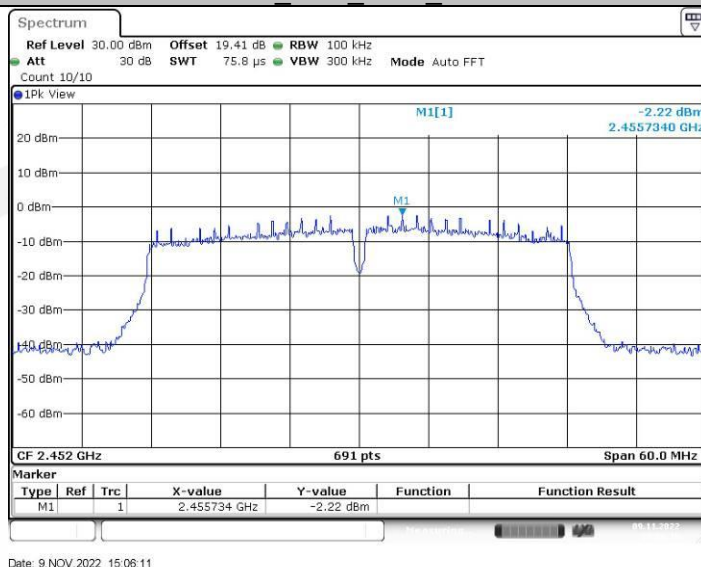
## 11N40MIMO Ant2 2437 30~1000



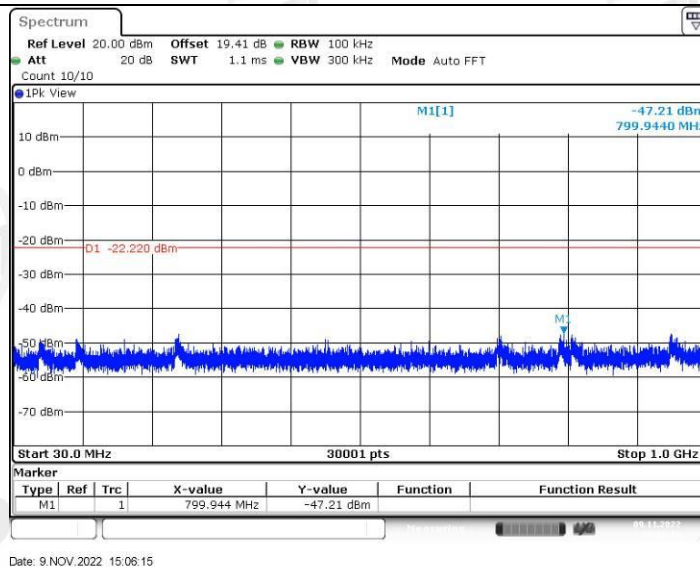
## 11N40MIMO Ant2 2437 1000~26500



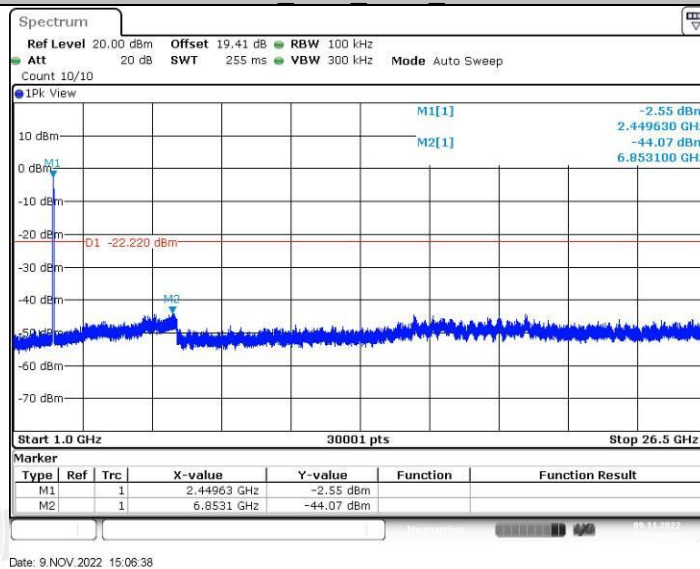
## 11N40MIMO Ant1 2452 0~Reference



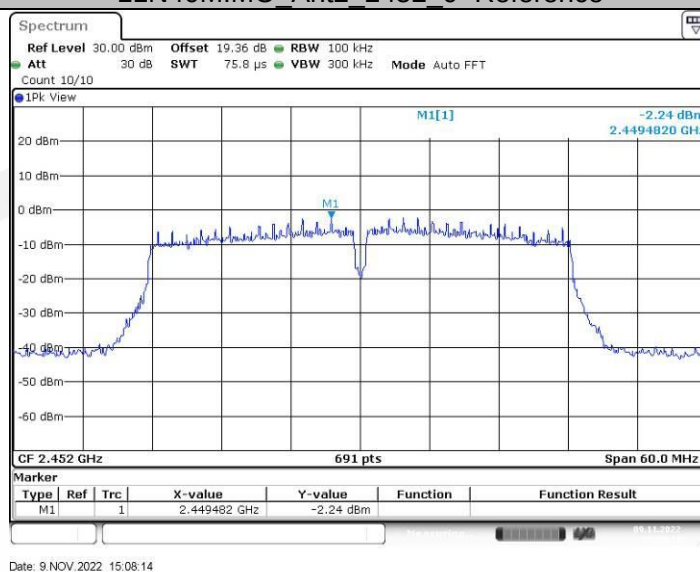
## 11N40MIMO Ant1 2452 30~1000



## 11N40MIMO Ant1 2452 1000~26500

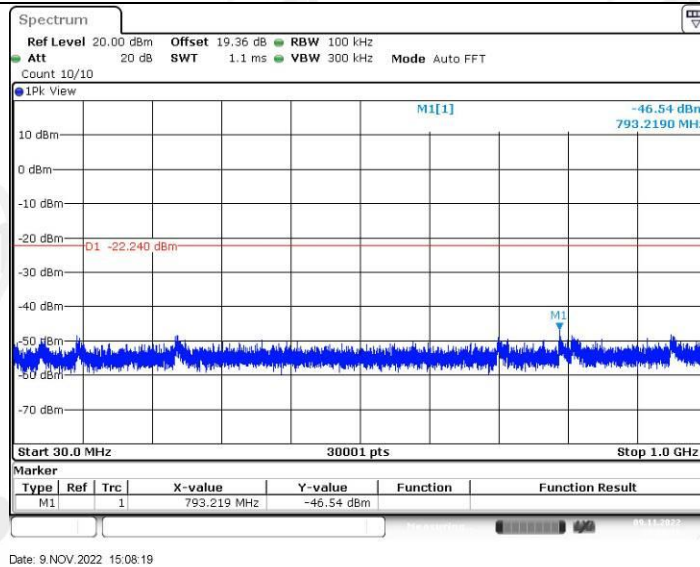


## 11N40MIMO Ant2 2452 0~Reference

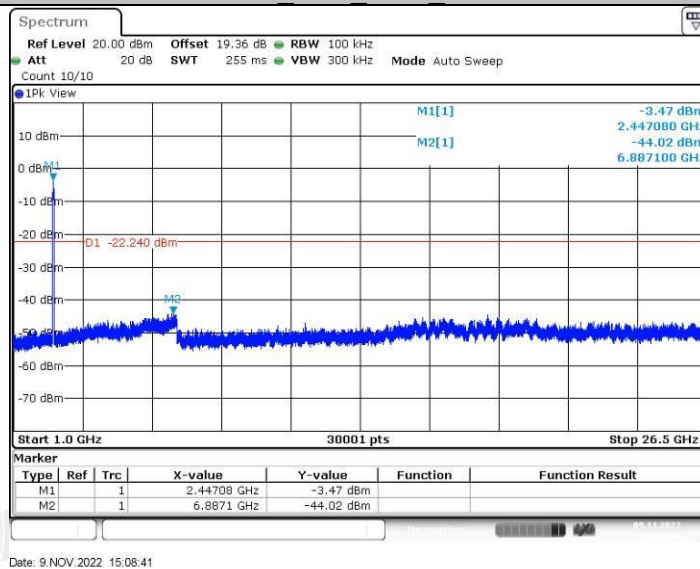


## 11N40MIMO Ant2 2452 30~1000

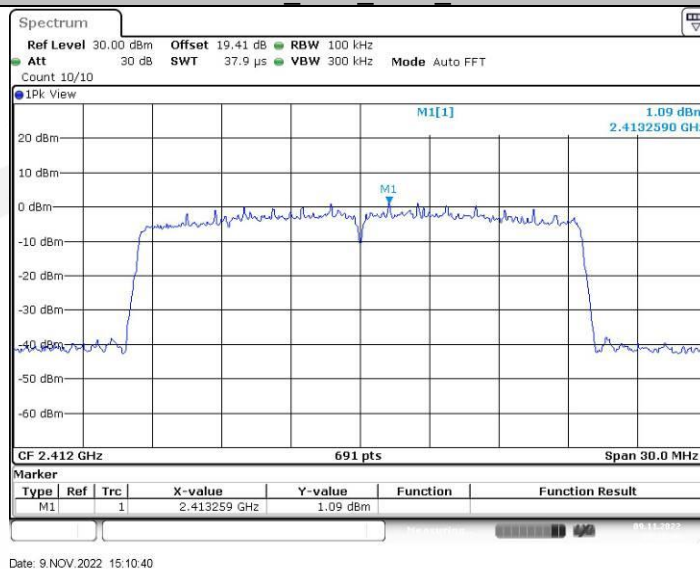




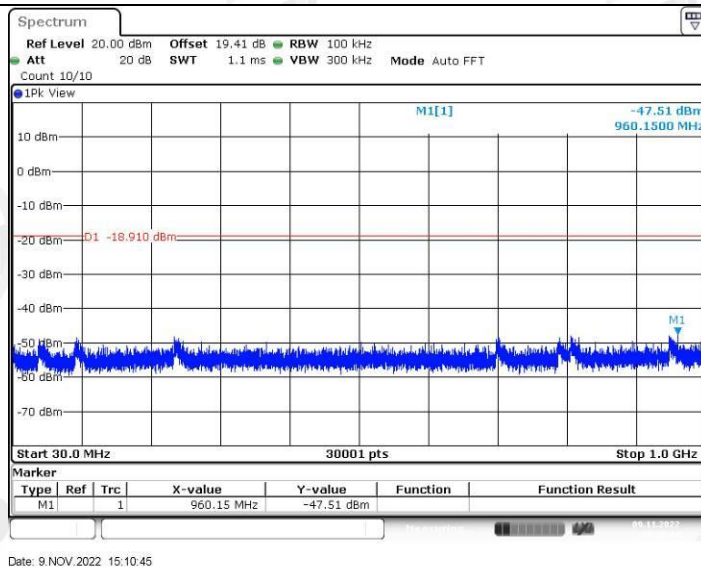
## 11N40MIMO Ant2 2452 1000~26500



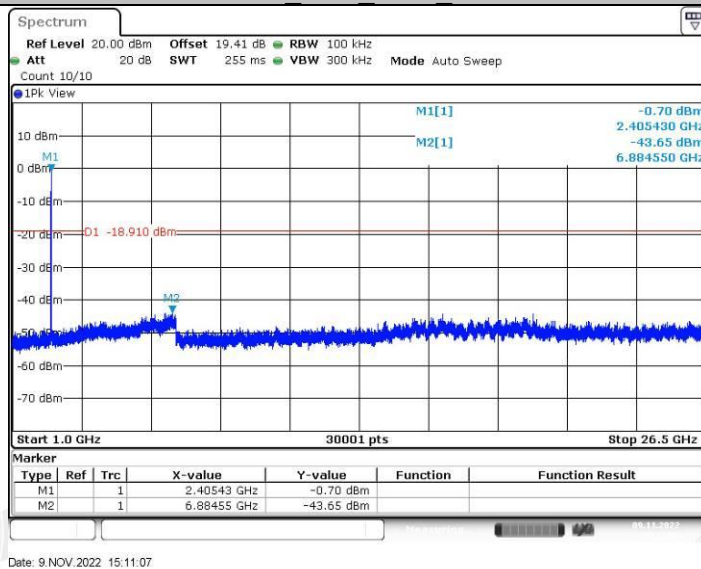
## 11AX20MIMO Ant1 2412 0~Reference



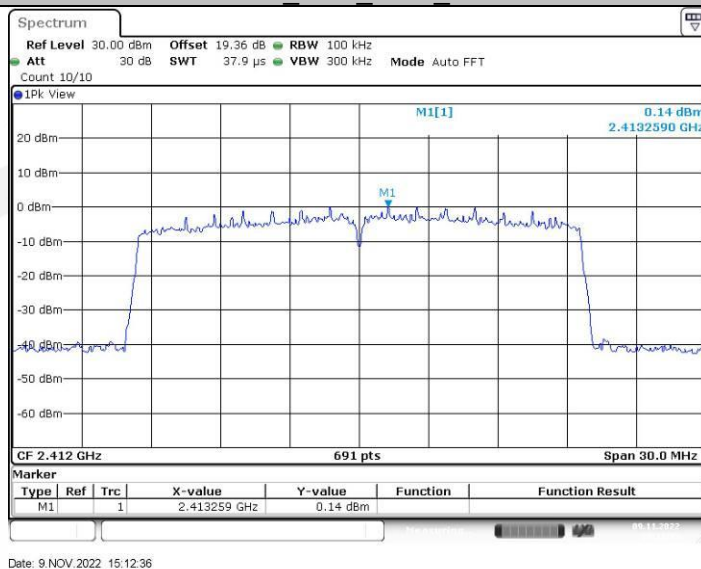
## 11AX20MIMO Ant1 2412 30~1000



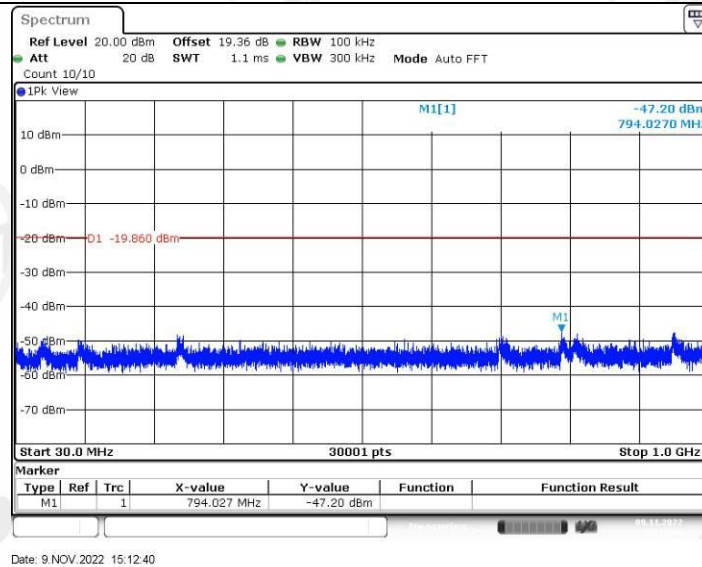
## 11AX20MIMO\_Ant1\_2412\_1000~26500



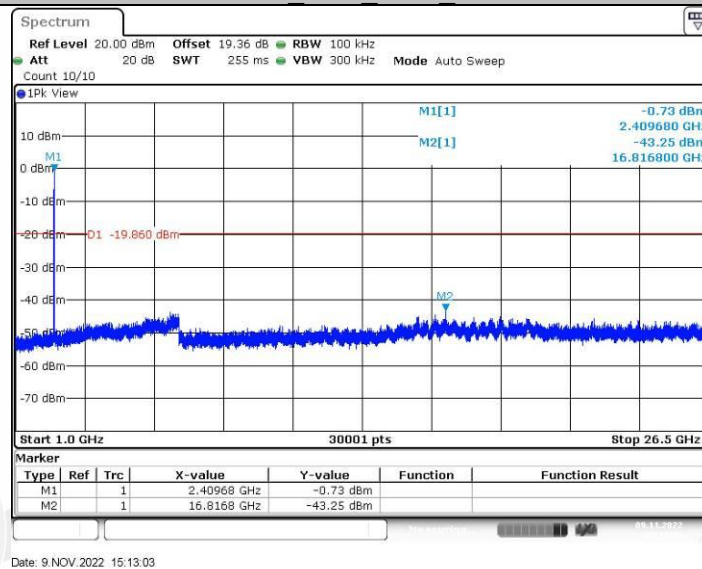
## 11AX20MIMO\_Ant2\_2412\_0~Reference



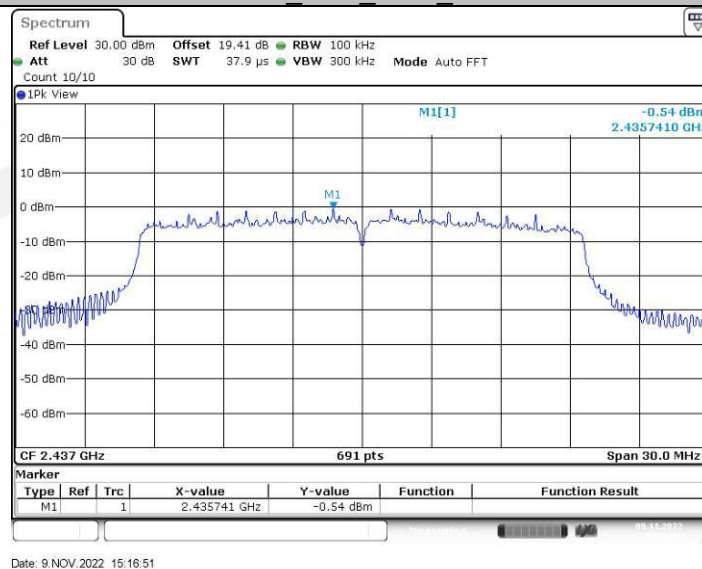
## 11AX20MIMO\_Ant2\_2412\_30~1000



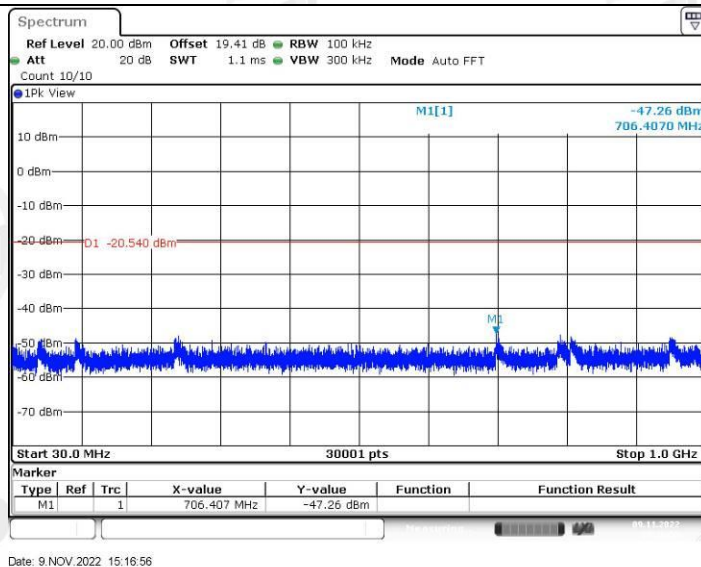
## 11AX20MIMO\_Ant2\_2412\_1000~26500



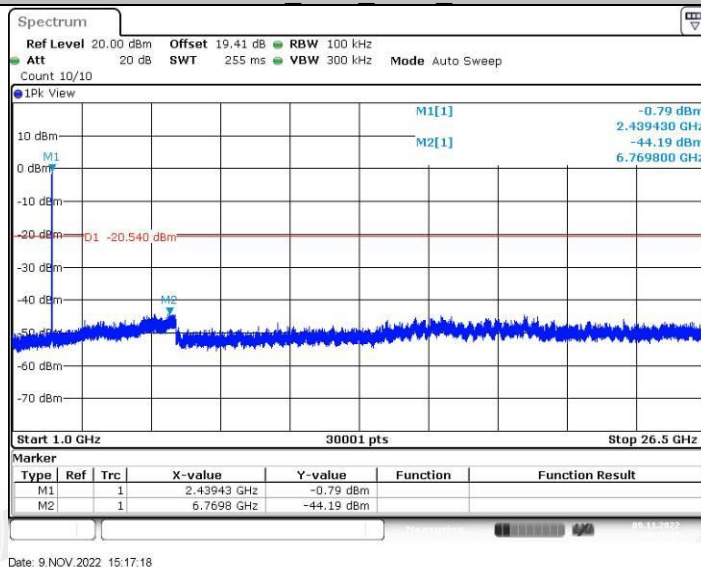
## 11AX20MIMO\_Ant1\_2437\_0~Reference



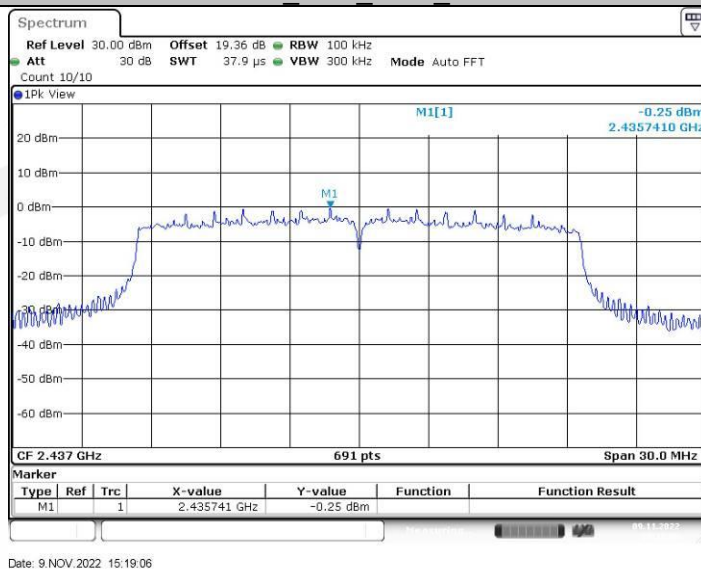
## 11AX20MIMO\_Ant1\_2437\_30~1000



## 11AX20MIMO Ant1 2437 1000~26500

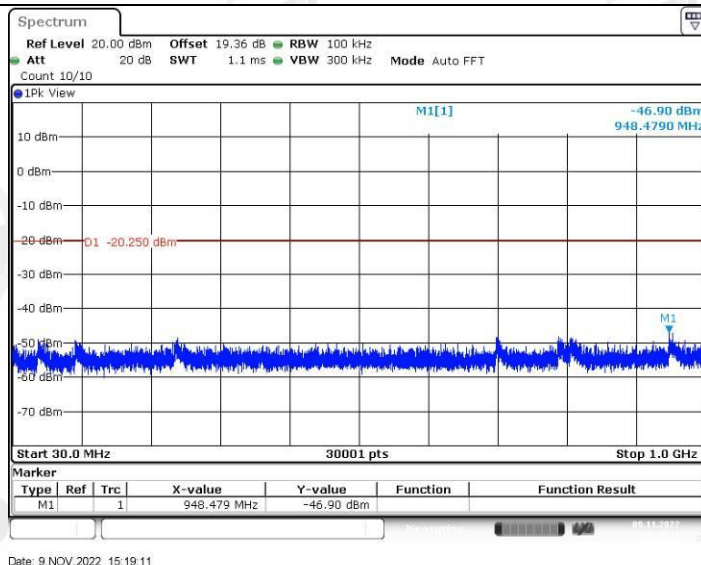


## 11AX20MIMO Ant2 2437 0~Reference

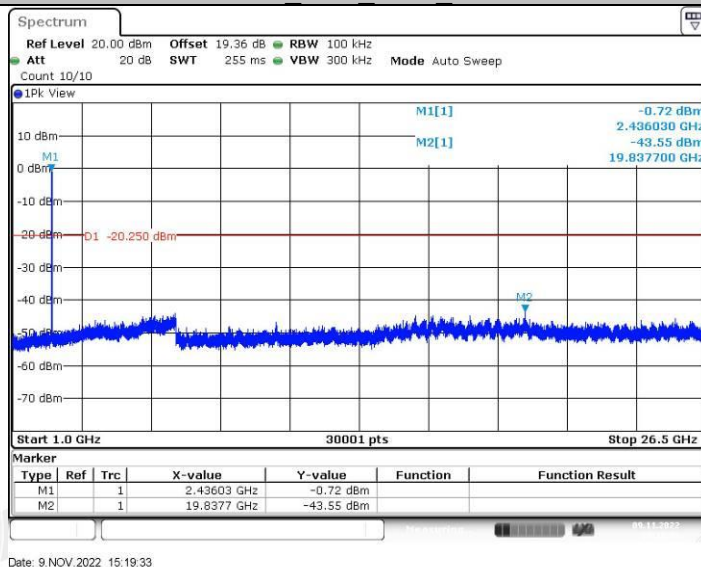


## 11AX20MIMO Ant2 2437 30~1000

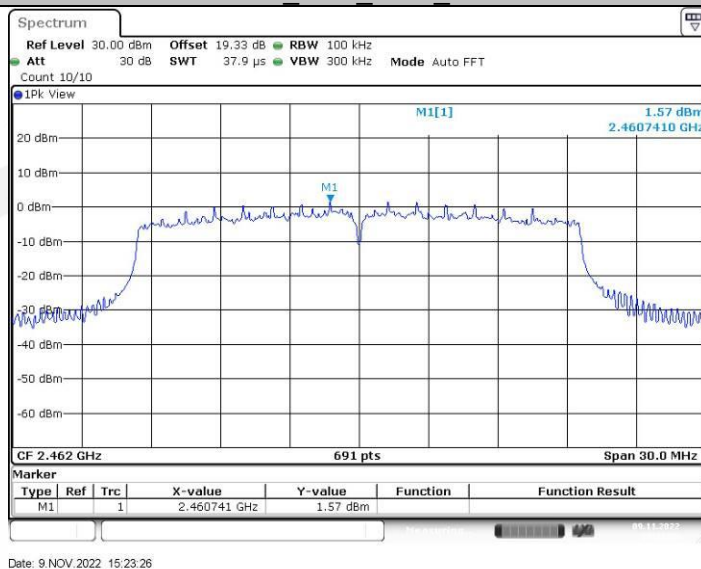




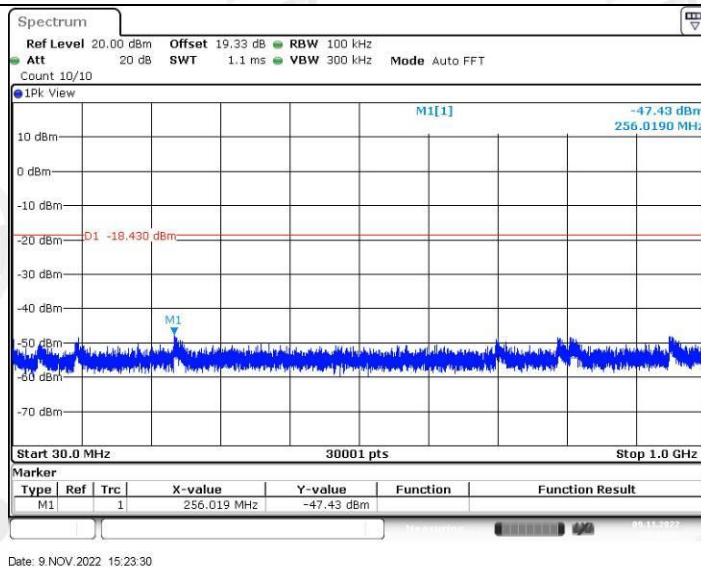
## 11AX20MIMO\_Ant2\_2437\_1000~26500



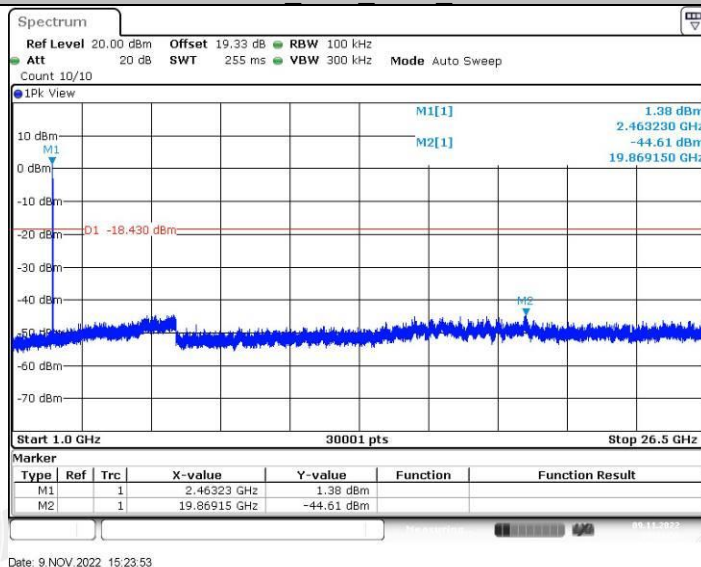
## 11AX20MIMO\_Ant1\_2462\_0~Reference



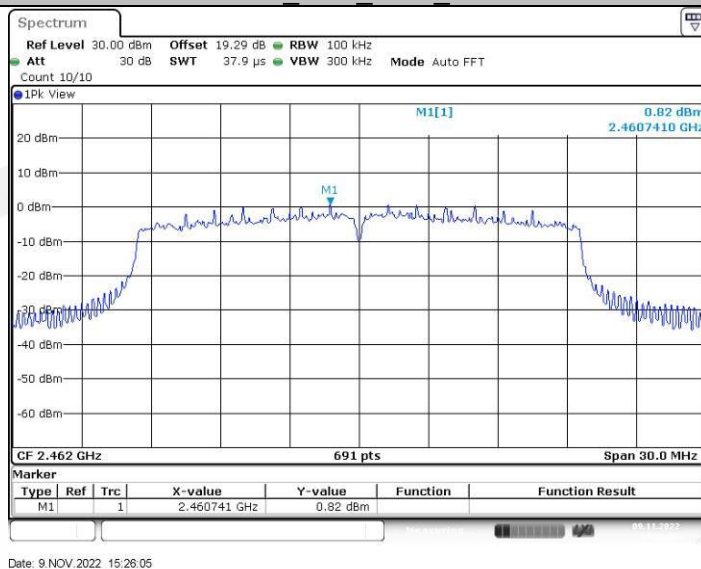
## 11AX20MIMO\_Ant1\_2462\_30~1000



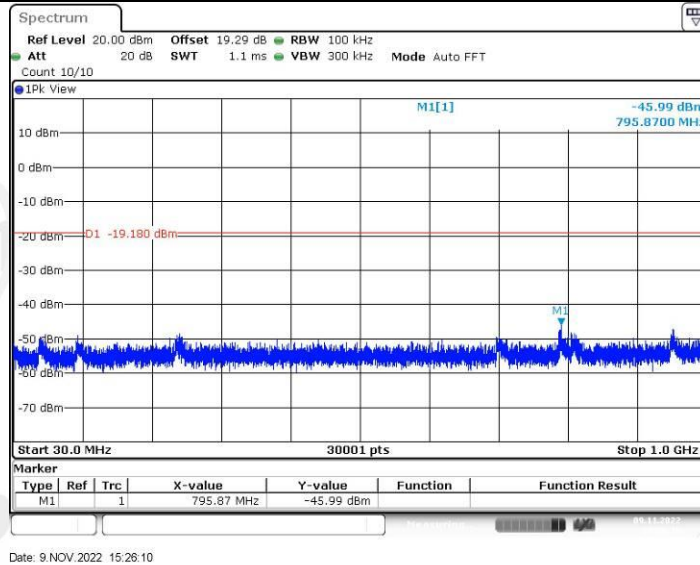
## 11AX20MIMO Ant1 2462 1000~26500



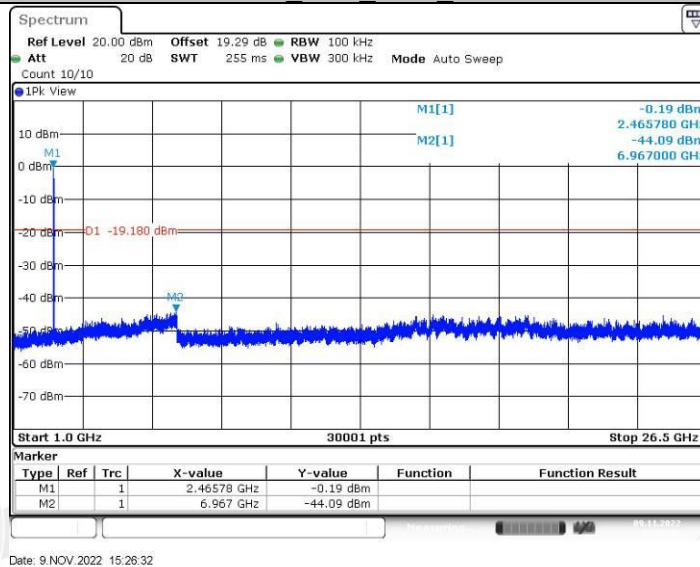
## 11AX20MIMO Ant2 2462 0~Reference



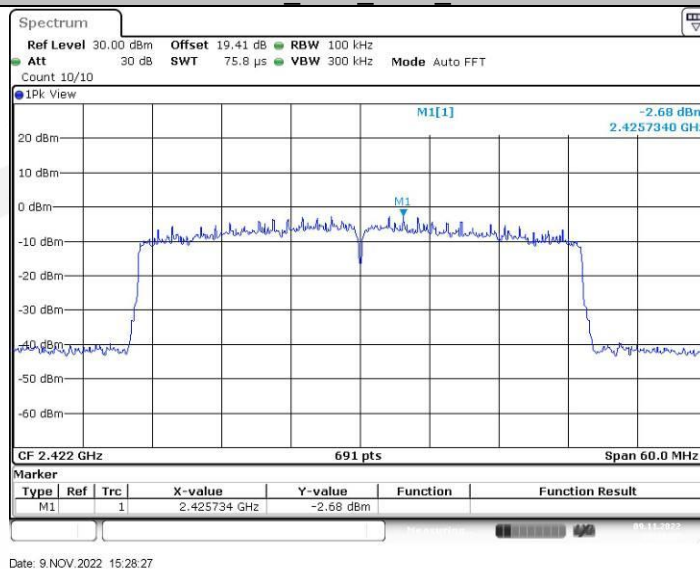
## 11AX20MIMO Ant2 2462 30~1000



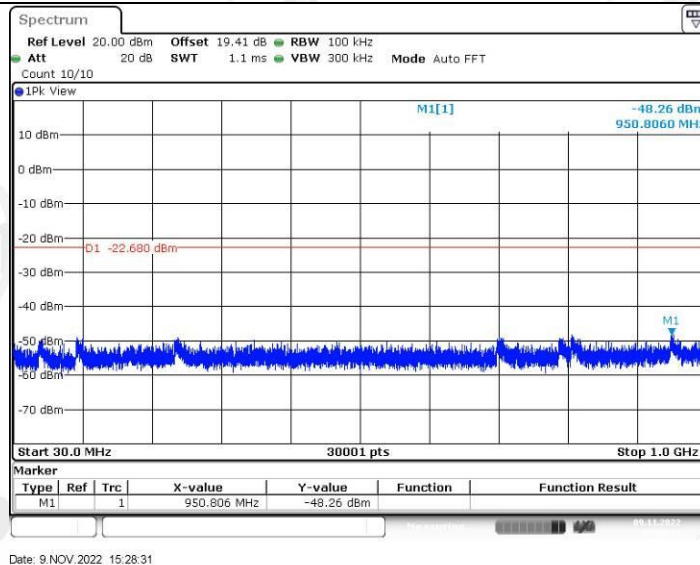
## 11AX20MIMO Ant2 2462 1000~26500



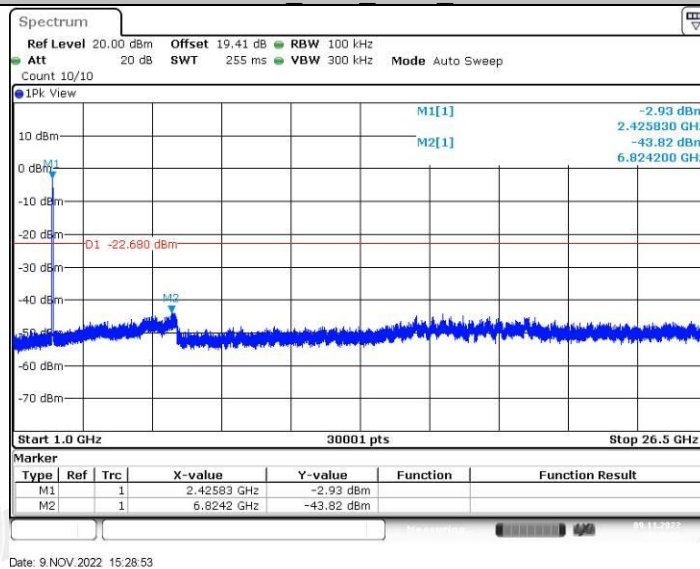
## 11AX40MIMO Ant1 2422 0~Reference



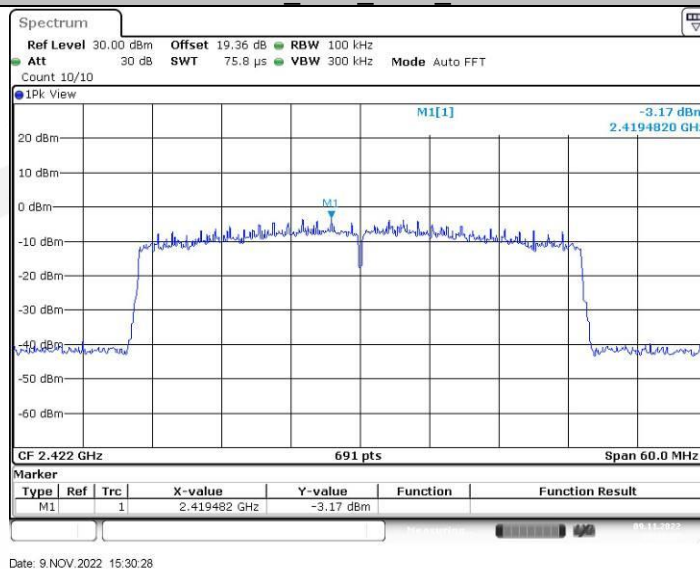
## 11AX40MIMO Ant1 2422 30~1000



## 11AX40MIMO\_Ant1\_2422\_1000~26500

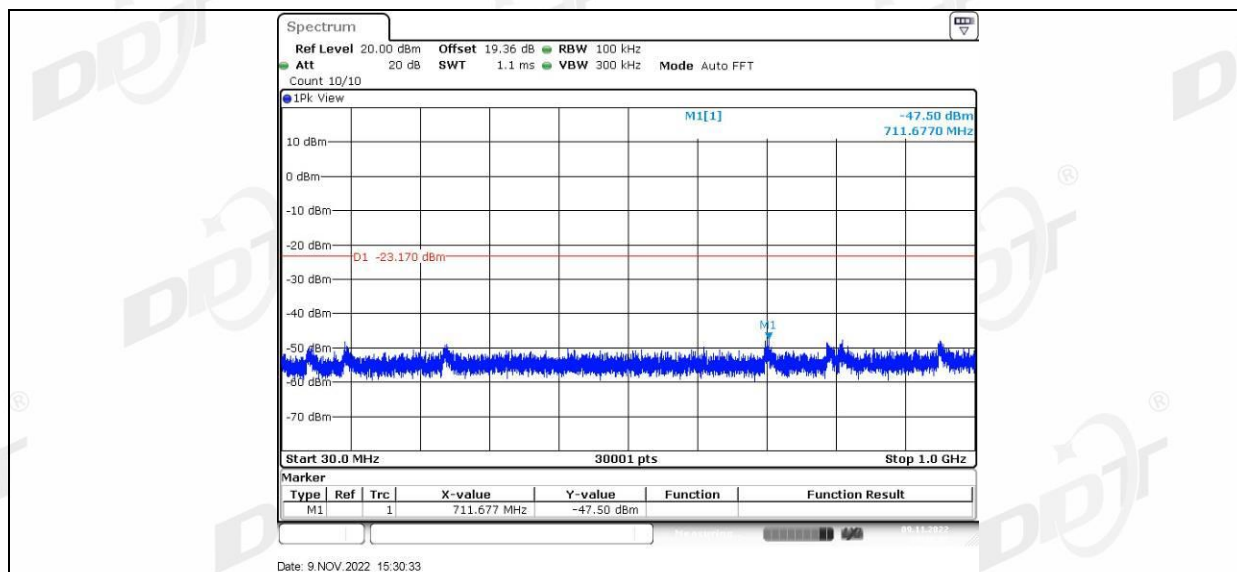


## 11AX40MIMO\_Ant2\_2422\_0~Reference

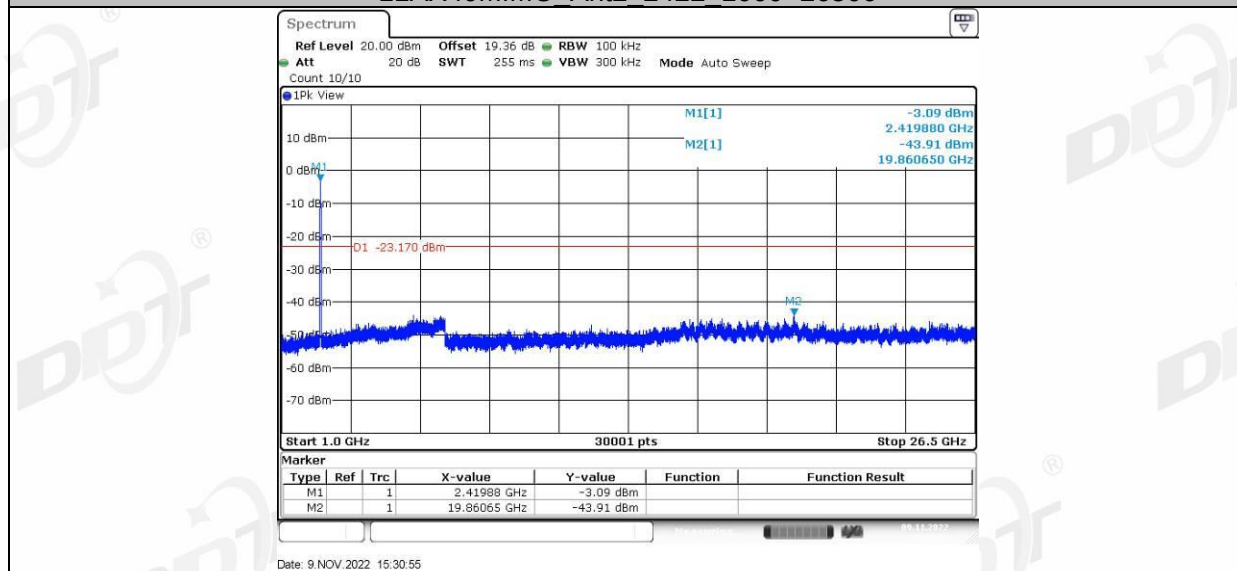


## 11AX40MIMO\_Ant2\_2422\_30~1000

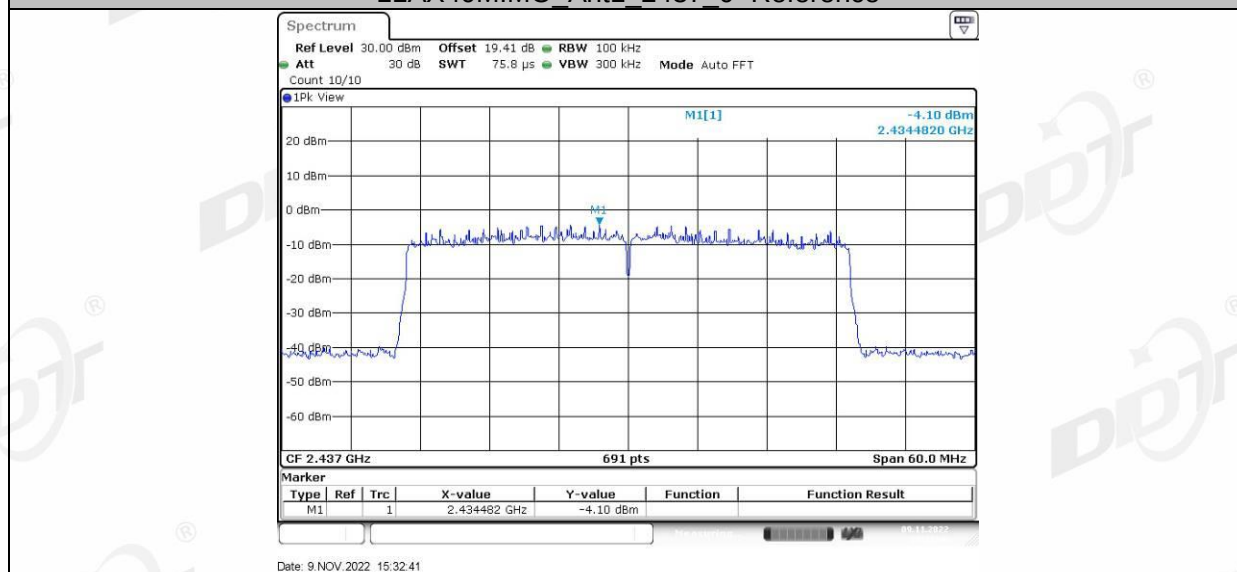




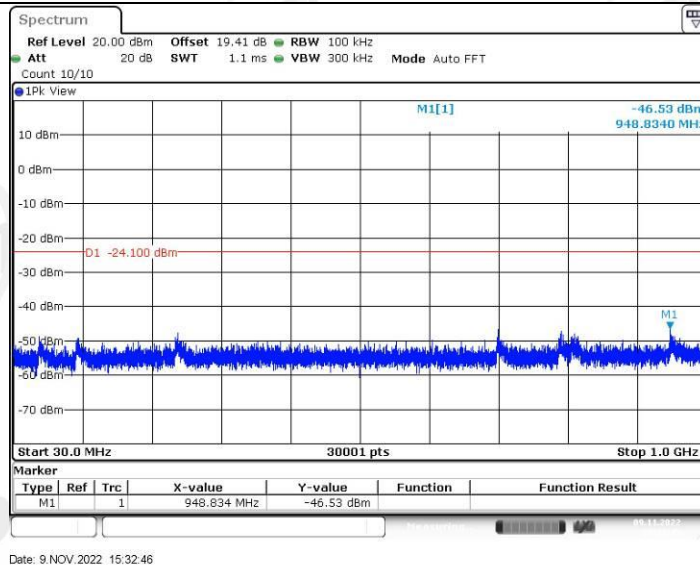
## 11AX40MIMO Ant2 2422 1000~26500



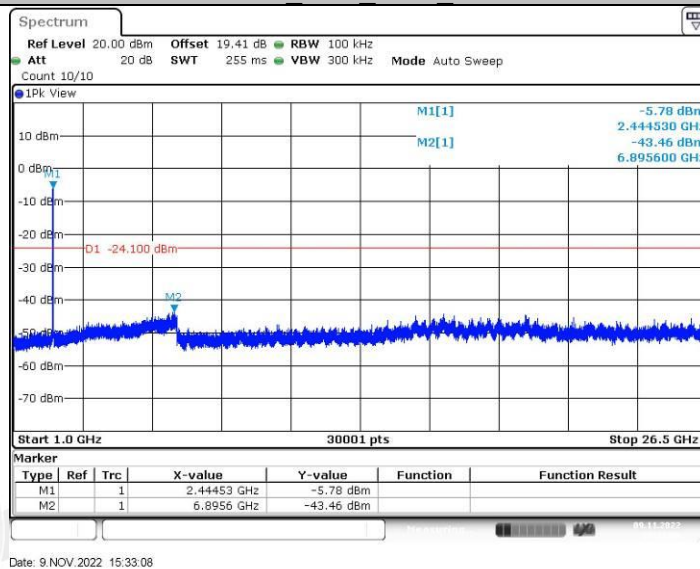
## 11AX40MIMO Ant1 2437 0~Reference



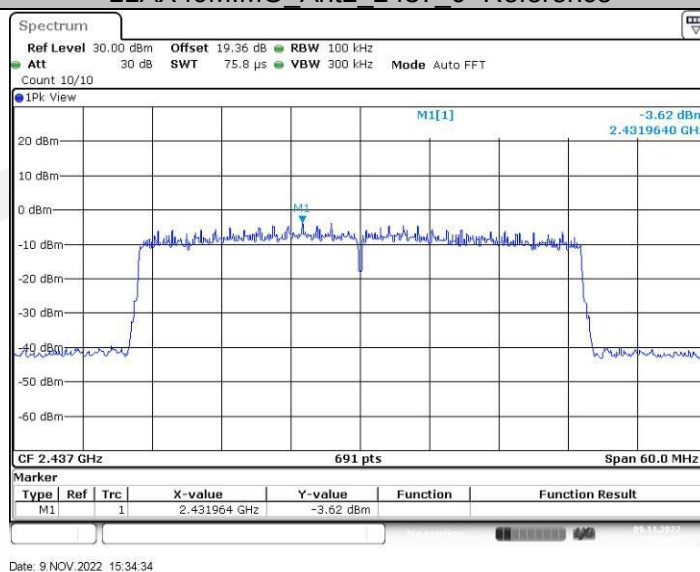
## 11AX40MIMO Ant1 2437 30~1000



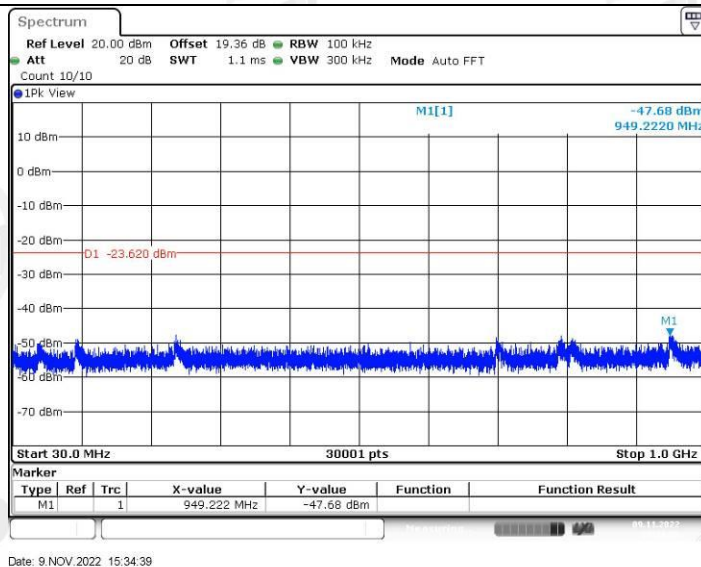
## 11AX40MIMO Ant1 2437 1000~26500



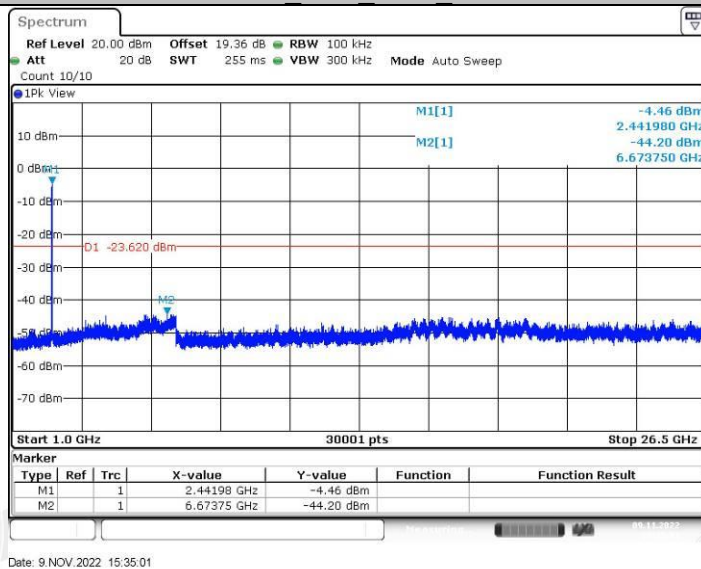
## 11AX40MIMO Ant2 2437 0~Reference



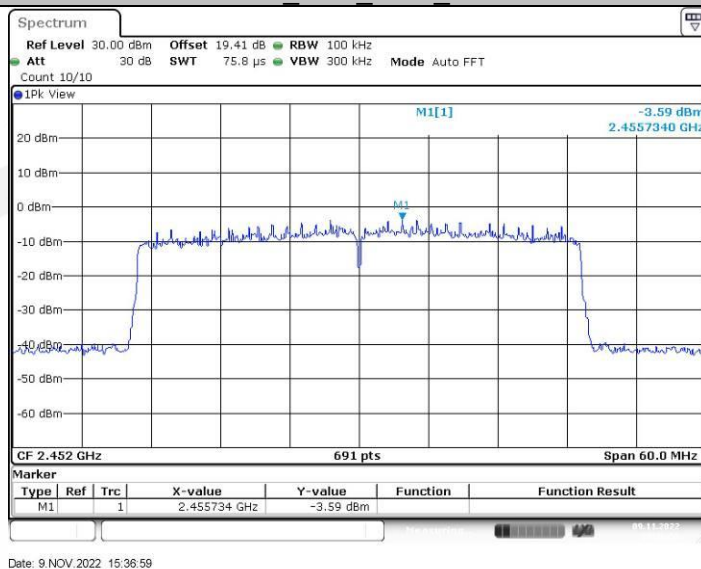
## 11AX40MIMO Ant2 2437 30~1000



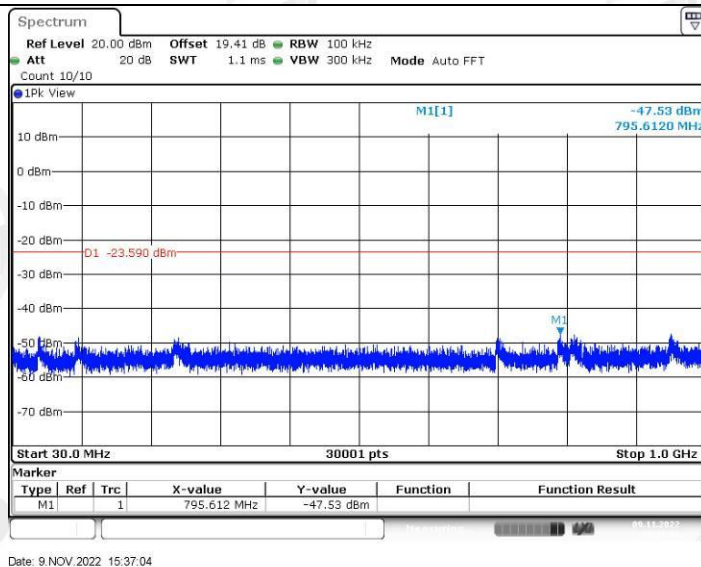
## 11AX40MIMO\_Ant2\_2437\_1000~26500



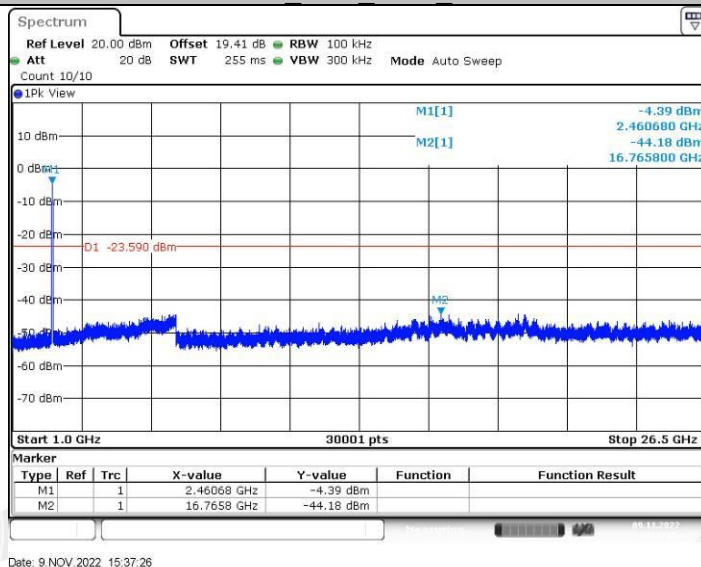
## 11AX40MIMO\_Ant1\_2452\_0~Reference



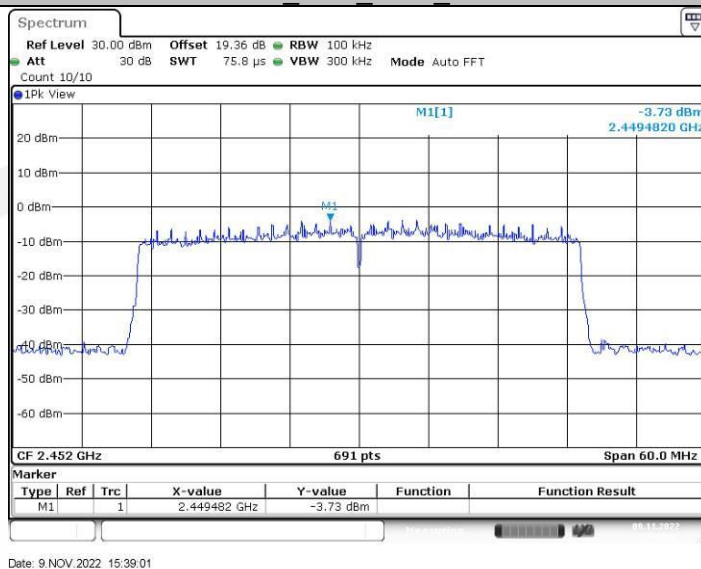
## 11AX40MIMO\_Ant1\_2452\_30~1000



## 11AX40MIMO\_Ant1\_2452\_1000~26500

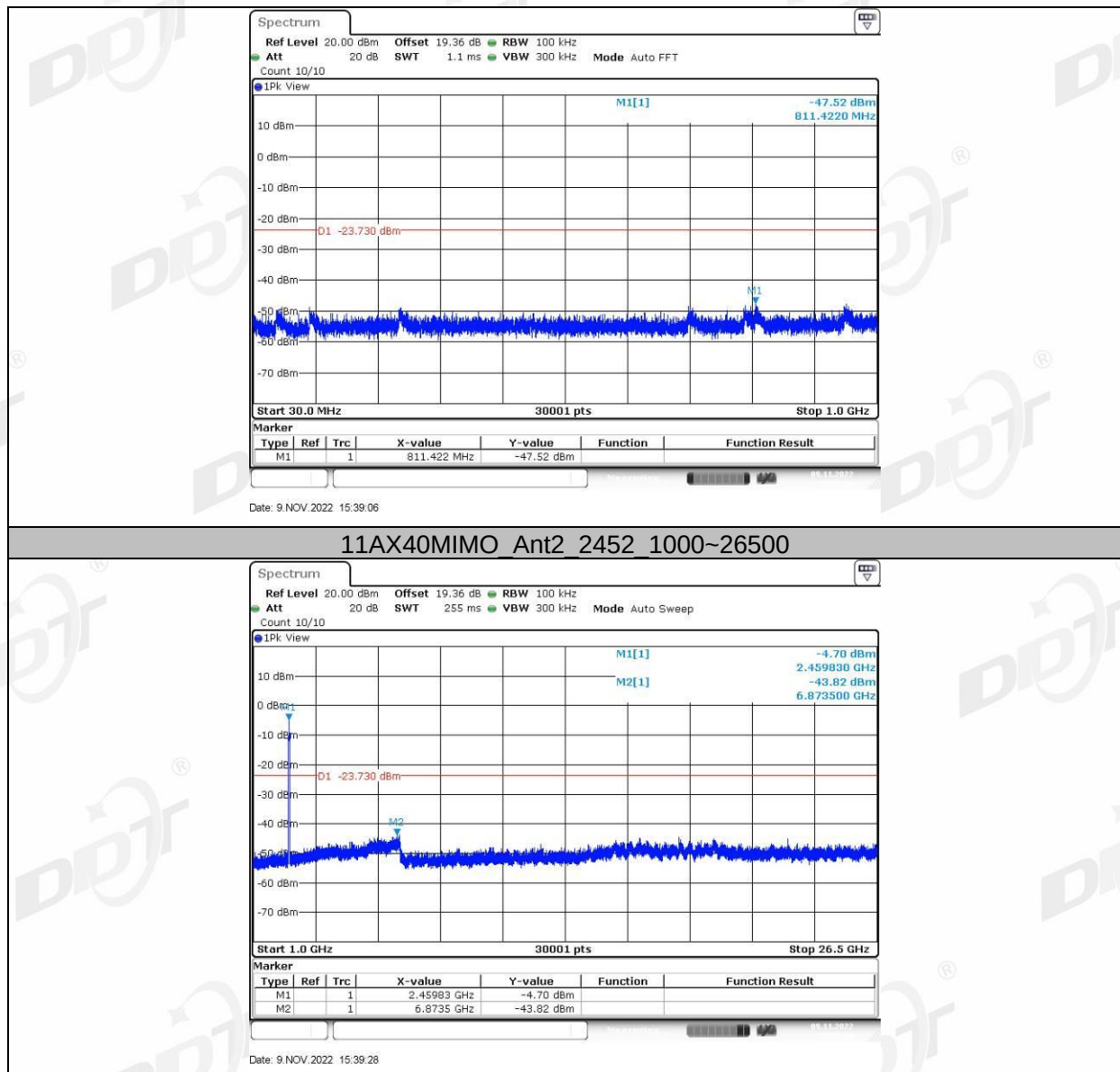


## 11AX40MIMO\_Ant2\_2452\_0~Reference



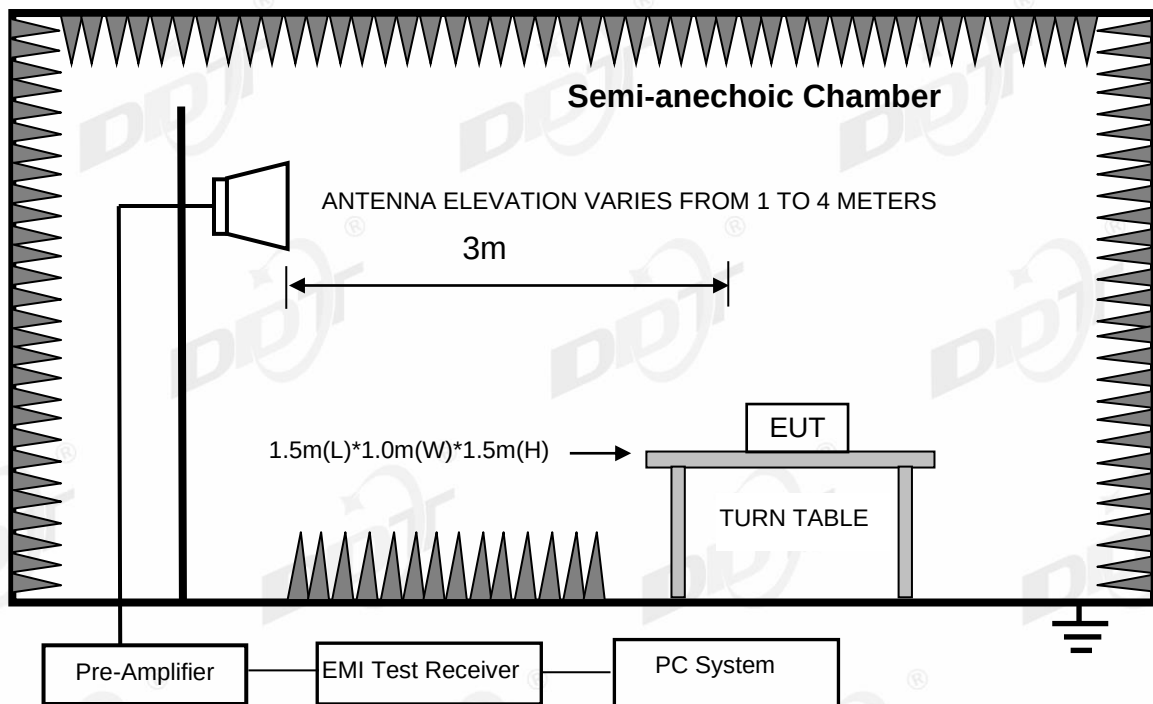
## 11AX40MIMO\_Ant2\_2452\_30~1000





## 10. Radiated Band Edge Compliance

### 10.1. Block diagram of test setup



### 10.2. Limit

All restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions outside operation frequency band 2400 MHz to 2483.5 MHz shall be at least 20 dB below the fundamental emissions or comply with RSS-Gen Issue 5 (Same as FCC 15.209) limits.

### 10.3. Test procedure

Same with clause 8.3 except change investigated frequency range from 2310 MHz to 2430 MHz, 2450 MHz to 2500 MHz, 2310 MHz to 2450 MHz and 2430 MHz to 2500 MHz,.

Remark: All restriction band have been tested, and only the worst case is shown in report.

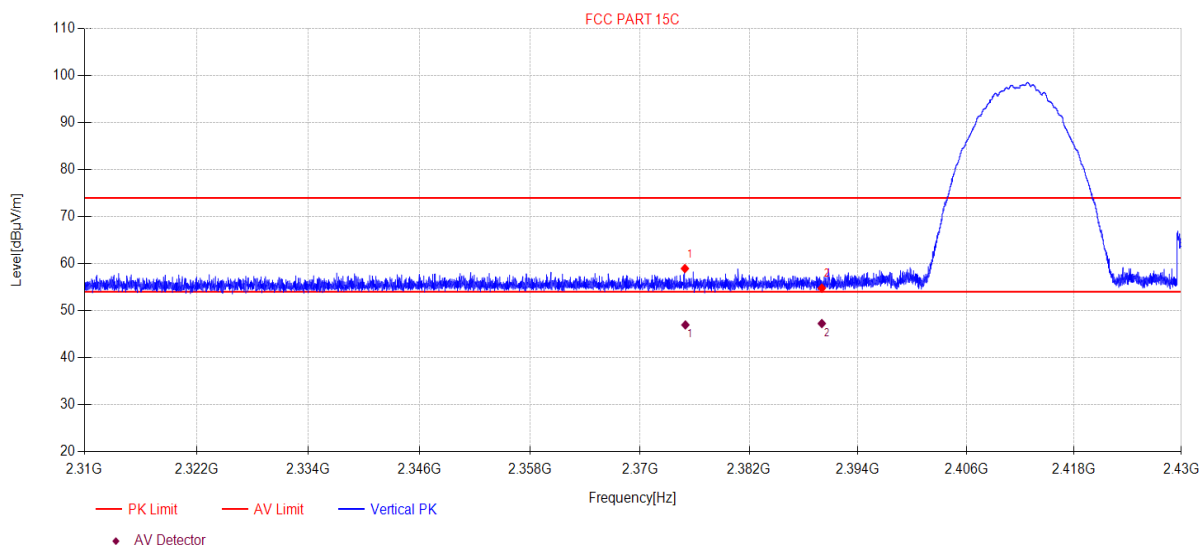
### 10.4. Test result

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

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

**Test Date:** 2022-11-01 **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus  
**Test Mode:** TX Mode **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\13  
**Memo:** 11B 2412 Ant1

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2374.94     | 48.71          | 10.25       | 58.96          | 74.00          | 15.04       | PK       | Vertical |
| 2   | 2390.00     | 44.51          | 10.28       | 54.79          | 74.00          | 19.21       | PK       | Vertical |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2374.99     | 36.71          | 10.25       | 46.96          | 54.00          | 7.04        | AV       | Vertical |
| 2   | 2390.00     | 36.98          | 10.28       | 47.26          | 54.00          | 6.74        | AV       | Vertical |

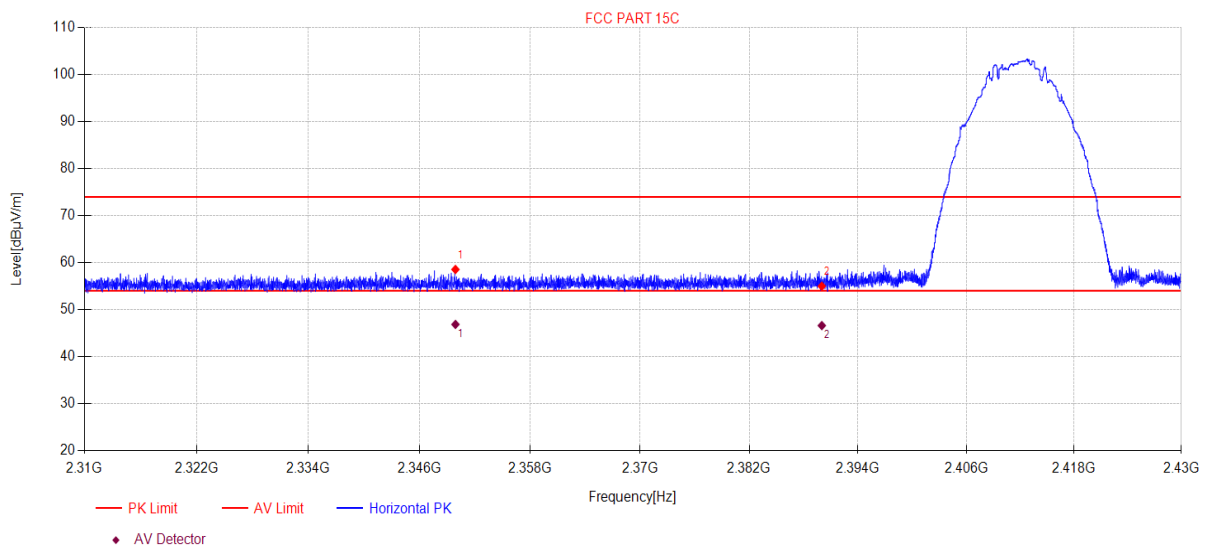
Note:

- Level = Reading + Factor.
- 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:** 2022-11-01 **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus  
**Test Mode:** TX Mode **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\14  
**Memo:** 11B 2412 Ant1

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2349.91     | 48.35          | 10.20       | 58.55          | 74.00          | 15.45       | PK       | Horizontal |
| 2   | 2390.00     | 44.71          | 10.28       | 54.99          | 74.00          | 19.01       | PK       | Horizontal |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2349.91     | 36.64          | 10.21       | 46.85          | 54.00          | 7.15        | AV       | Horizontal |
| 2   | 2390.00     | 36.33          | 10.28       | 46.61          | 54.00          | 7.39        | AV       | Horizontal |

Note:

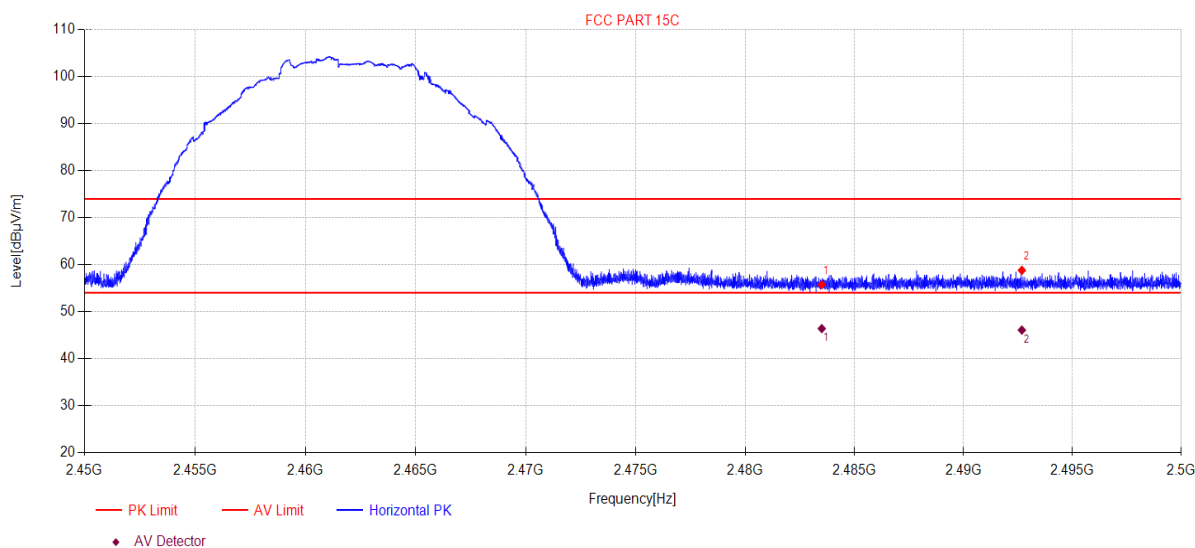
1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.



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

**Test Date:** 2022-11-02 **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus  
**Test Mode:** TX Mode **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\15  
**Memo:** 11B 2462 Ant1

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2483.50     | 45.19          | 10.54       | 55.73          | 74.00          | 18.27       | PK       | Horizontal |
| 2   | 2492.67     | 48.21          | 10.58       | 58.79          | 74.00          | 15.21       | PK       | Horizontal |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2483.50     | 35.85          | 10.54       | 46.39          | 54.00          | 7.61        | AV       | Horizontal |
| 2   | 2492.67     | 35.49          | 10.58       | 46.07          | 54.00          | 7.93        | AV       | Horizontal |

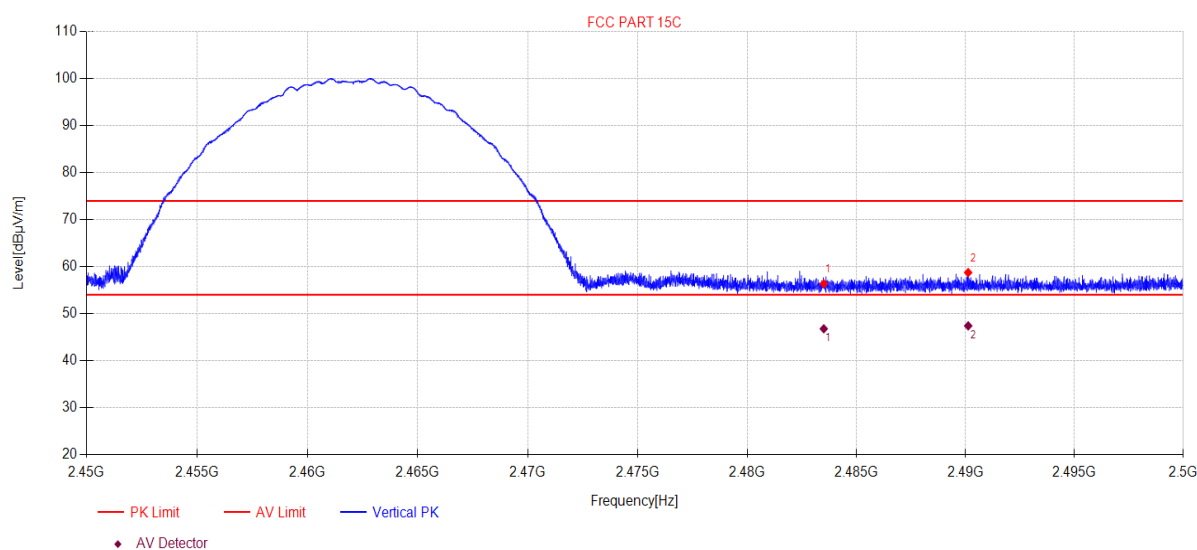
Note:

1. Level = Reading + Factor.
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:** 2022-11-02 **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus  
**Test Mode:** TX Mode **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\16  
**Memo:** 11B 2462 Ant1

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2483.50     | 45.81          | 10.54       | 56.35          | 74.00          | 17.65       | PK       | Vertical |
| 2   | 2490.12     | 48.18          | 10.57       | 58.75          | 74.00          | 15.25       | PK       | Vertical |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2483.50     | 36.24          | 10.54       | 46.78          | 54.00          | 7.22        | AV       | Vertical |
| 2   | 2490.12     | 36.83          | 10.57       | 47.40          | 54.00          | 6.60        | AV       | Vertical |

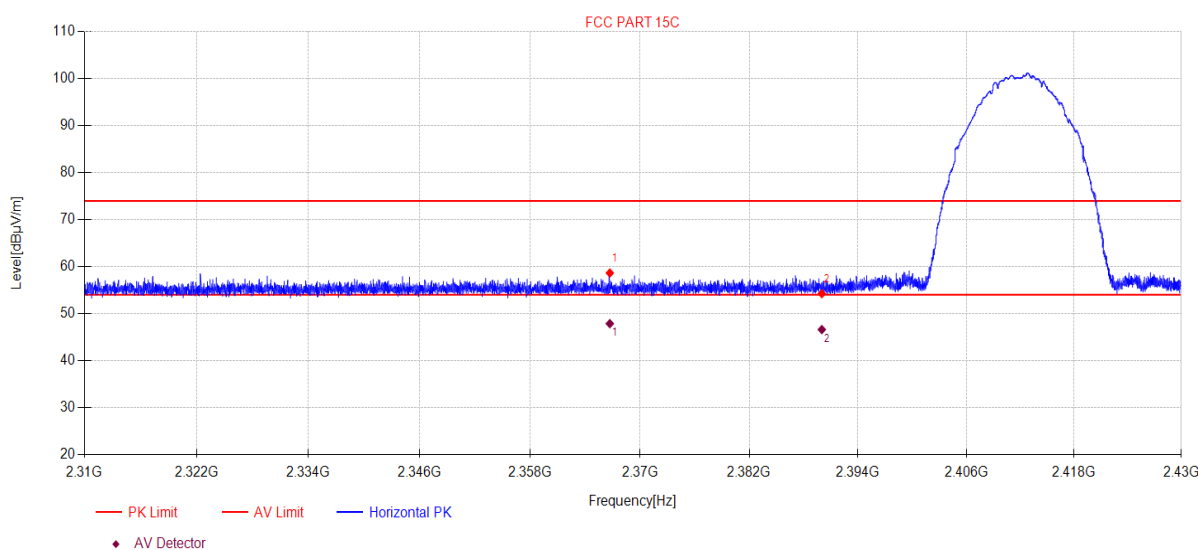
Note:

1. Level = Reading + Factor.
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:** 2022-11-02 **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus  
**Test Mode:** TX Mode **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\17  
**Memo:** 11B 2412 Ant2

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2366.72     | 48.42          | 10.23       | 58.65          | 74.00          | 15.35       | PK       | Horizontal |
| 2   | 2390.00     | 43.97          | 10.28       | 54.25          | 74.00          | 19.75       | PK       | Horizontal |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2366.72     | 37.64          | 10.23       | 47.87          | 54.00          | 6.13        | AV       | Horizontal |
| 2   | 2390.00     | 36.33          | 10.28       | 46.61          | 54.00          | 7.39        | AV       | Horizontal |

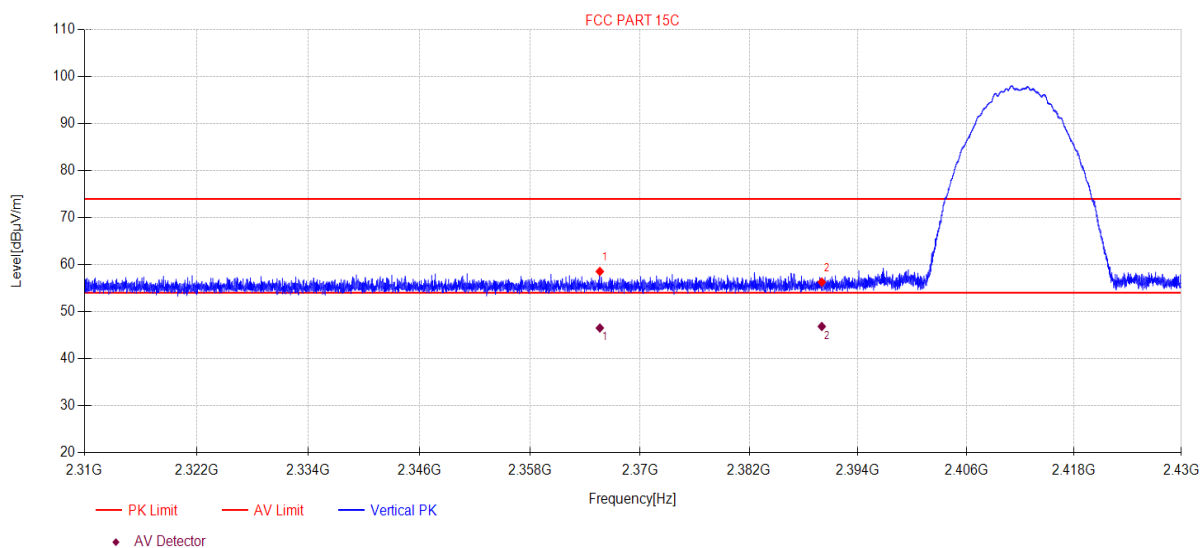
Note:

1. Level = Reading + Factor.
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:** 2022-11-02 **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus  
**Test Mode:** TX Mode **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\18  
**Memo:** 11B 2412 Ant2

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2365.63     | 48.32          | 10.23       | 58.55          | 74.00          | 15.45       | PK       | Vertical |
| 2   | 2390.00     | 46.01          | 10.28       | 56.29          | 74.00          | 17.71       | PK       | Vertical |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2365.63     | 36.29          | 10.23       | 46.52          | 54.00          | 7.48        | AV       | Vertical |
| 2   | 2390.00     | 36.56          | 10.28       | 46.84          | 54.00          | 7.16        | AV       | Vertical |

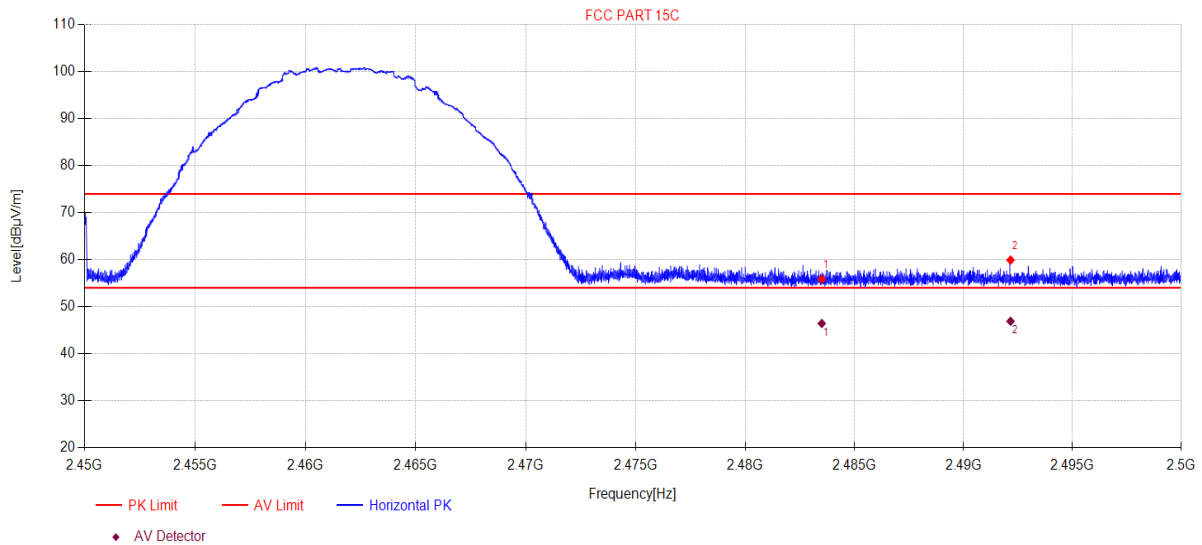
Note:

1. Level = Reading + Factor.
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:** 2022-11-02      **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router      **Model Number:** M6a Plus  
**Test Mode:** TX Mode      **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\19  
**Memo:** 11B 2462 Ant2

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2483.50     | 45.30          | 10.54       | 55.84          | 74.00          | 18.16       | PK       | Horizontal |
| 2   | 2492.15     | 49.33          | 10.58       | 59.91          | 74.00          | 14.09       | PK       | Horizontal |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2483.50     | 35.87          | 10.54       | 46.41          | 54.00          | 7.59        | AV       | Horizontal |
| 2   | 2492.15     | 36.31          | 10.58       | 46.89          | 54.00          | 7.11        | AV       | Horizontal |

Note:

1. Level = Reading + Factor.
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:** 2022-11-02      **Tested By:** Bairong

**EUT:** M6a Plus Mesh Wi-Fi Router      **Model Number:** M6a Plus

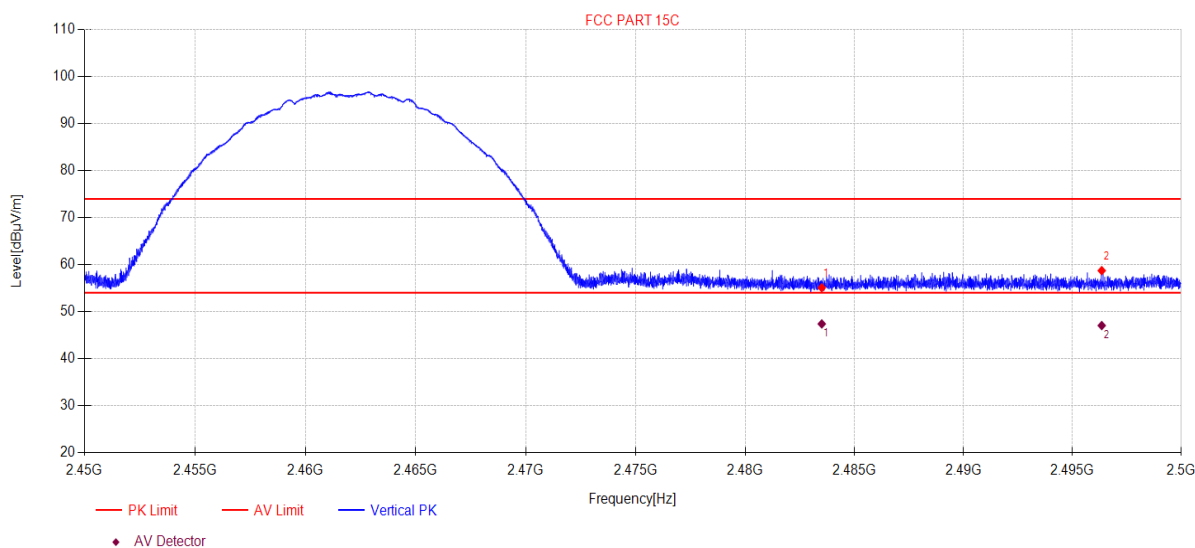
**Test Mode:** TX Mode      **Power Supply:** 120V/60Hz

**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa      **Test Site:** DDT 3# Chamber

**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\20

**Memo:** 11B 2462 Ant2

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2483.50     | 44.55          | 10.54       | 55.09          | 74.00          | 18.91       | PK       | Vertical |
| 2   | 2496.34     | 48.13          | 10.60       | 58.73          | 74.00          | 15.27       | PK       | Vertical |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2483.50     | 36.85          | 10.54       | 47.39          | 54.00          | 6.61        | AV       | Vertical |
| 2   | 2496.34     | 36.44          | 10.60       | 47.04          | 54.00          | 6.96        | AV       | Vertical |

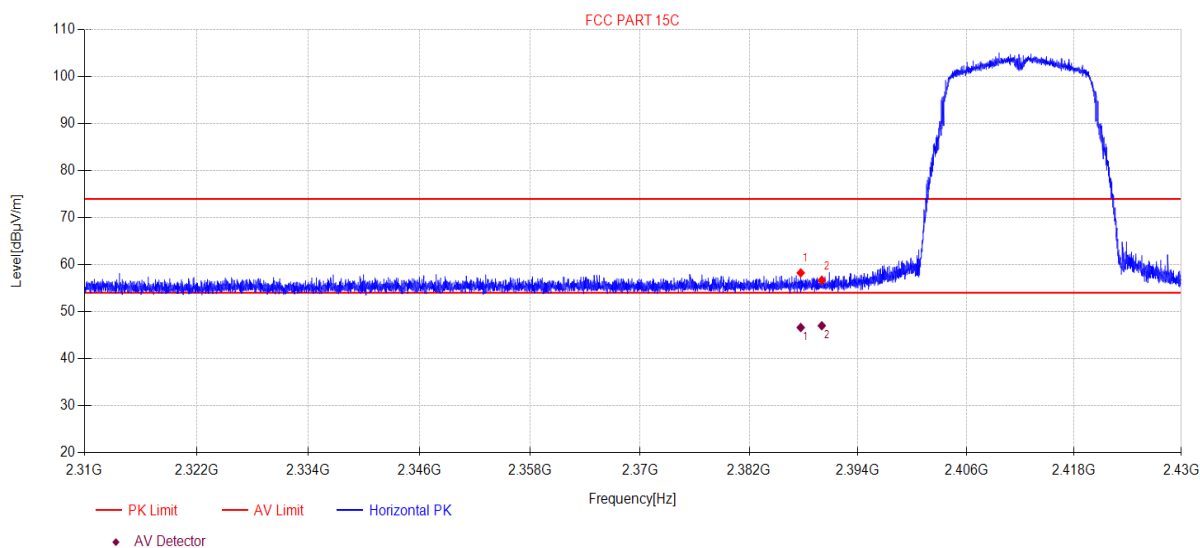
Note:

1. Level = Reading + Factor.
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:** 2022-11-02 **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus  
**Test Mode:** TX Mode **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\21  
**Memo:** 11G 2412 Ant1

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2387.68     | 47.97          | 10.28       | 58.25          | 74.00          | 15.75       | PK       | Horizontal |
| 2   | 2390.00     | 46.41          | 10.28       | 56.69          | 74.00          | 17.31       | PK       | Horizontal |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2387.68     | 36.34          | 10.28       | 46.62          | 54.00          | 7.38        | AV       | Horizontal |
| 2   | 2390.00     | 36.72          | 10.28       | 47.00          | 54.00          | 7.00        | AV       | Horizontal |

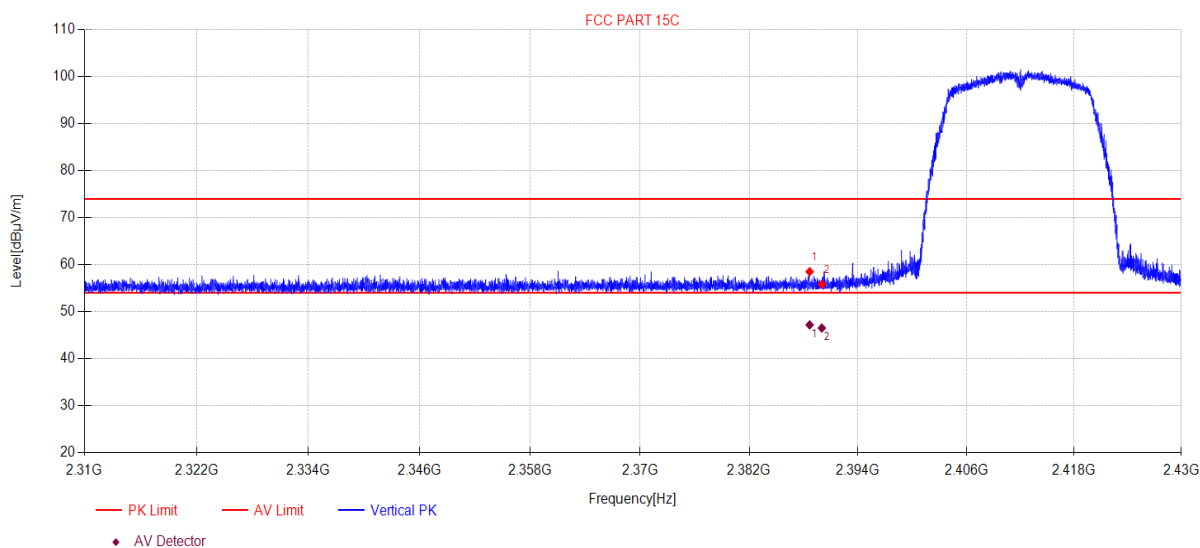
Note:

1. Level = Reading + Factor.
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:** 2022-11-02 **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus  
**Test Mode:** TX Mode **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\22  
**Memo:** 11G 2412 Ant1

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2388.66     | 48.24          | 10.28       | 58.52          | 74.00          | 15.48       | PK       | Vertical |
| 2   | 2390.00     | 45.52          | 10.28       | 55.80          | 74.00          | 18.20       | PK       | Vertical |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2388.66     | 36.91          | 10.28       | 47.19          | 54.00          | 6.81        | AV       | Vertical |
| 2   | 2390.00     | 36.23          | 10.28       | 46.51          | 54.00          | 7.49        | AV       | Vertical |

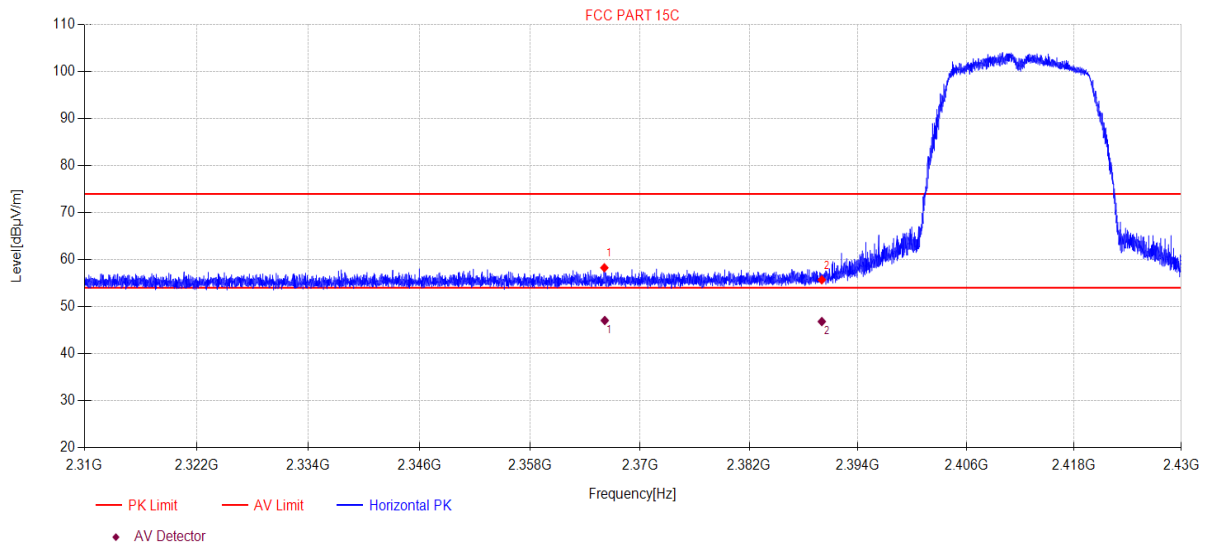
Note:

1. Level = Reading + Factor.
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:** 2022-11-02 **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus  
**Test Mode:** TX Mode **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\23  
**Memo:** 11G 2412 Ant2

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2366.12     | 48.04          | 10.23       | 58.27          | 74.00          | 15.73       | PK       | Horizontal |
| 2   | 2390.00     | 45.43          | 10.28       | 55.71          | 74.00          | 18.29       | PK       | Horizontal |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2366.17     | 36.82          | 10.23       | 47.05          | 54.00          | 6.95        | AV       | Horizontal |
| 2   | 2390.00     | 36.54          | 10.28       | 46.82          | 54.00          | 7.18        | AV       | Horizontal |

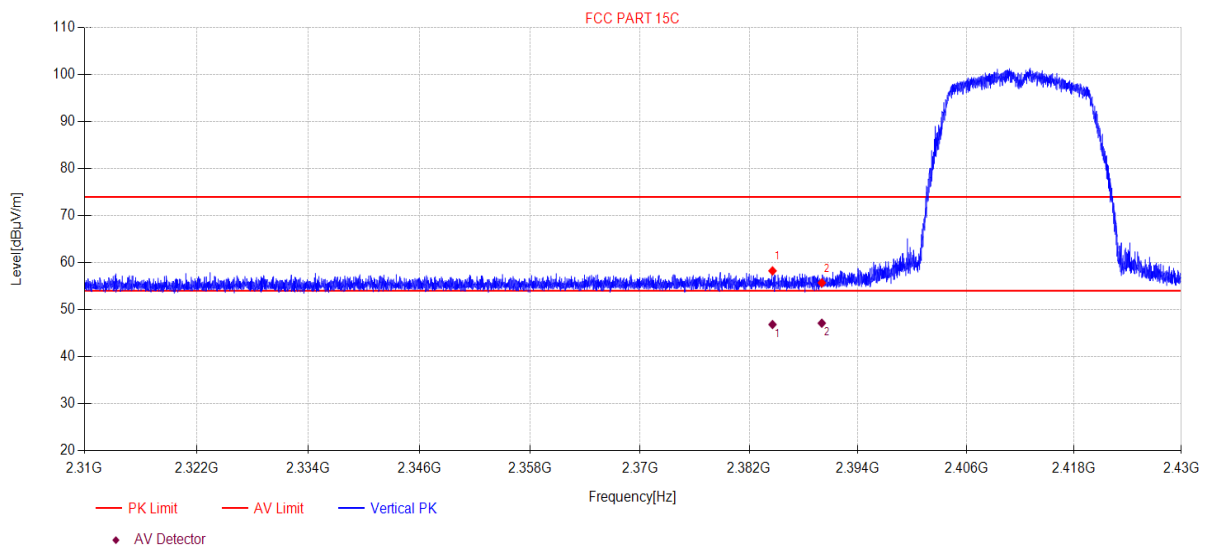
Note:

1. Level = Reading + Factor.
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:** 2022-11-02 **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus  
**Test Mode:** TX Mode **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\24  
**Memo:** 11G 2412 Ant2

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2384.57     | 47.98          | 10.27       | 58.25          | 74.00          | 15.75       | PK       | Vertical |
| 2   | 2390.00     | 45.42          | 10.28       | 55.70          | 74.00          | 18.30       | PK       | Vertical |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2384.57     | 36.57          | 10.27       | 46.84          | 54.00          | 7.16        | AV       | Vertical |
| 2   | 2390.00     | 36.84          | 10.28       | 47.12          | 54.00          | 6.88        | AV       | Vertical |

Note:

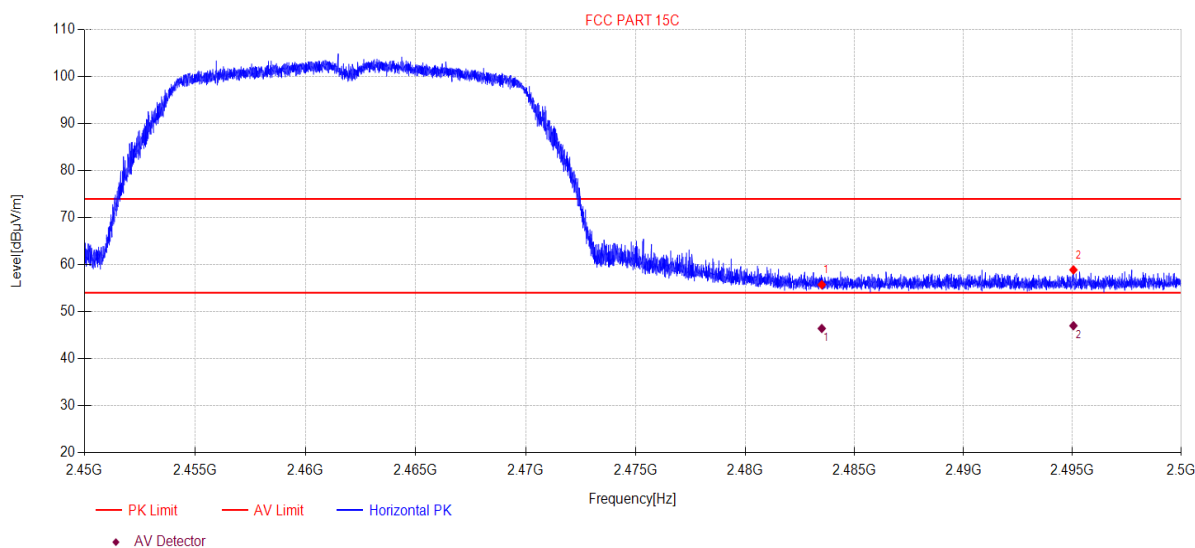
1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.



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

**Test Date:** 2022-11-02 **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus  
**Test Mode:** TX Mode **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\25  
**Memo:** 11G 2462 Ant1

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2483.50     | 45.20          | 10.54       | 55.74          | 74.00          | 18.26       | PK       | Horizontal |
| 2   | 2495.04     | 48.30          | 10.59       | 58.89          | 74.00          | 15.11       | PK       | Horizontal |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2483.50     | 35.87          | 10.54       | 46.41          | 54.00          | 7.59        | AV       | Horizontal |
| 2   | 2495.04     | 36.41          | 10.59       | 47.00          | 54.00          | 7.00        | AV       | Horizontal |

Note:

1. Level = Reading + Factor.
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:** 2022-11-02      **Tested By:** Bairong

**EUT:** M6a Plus Mesh Wi-Fi Router      **Model Number:** M6a Plus

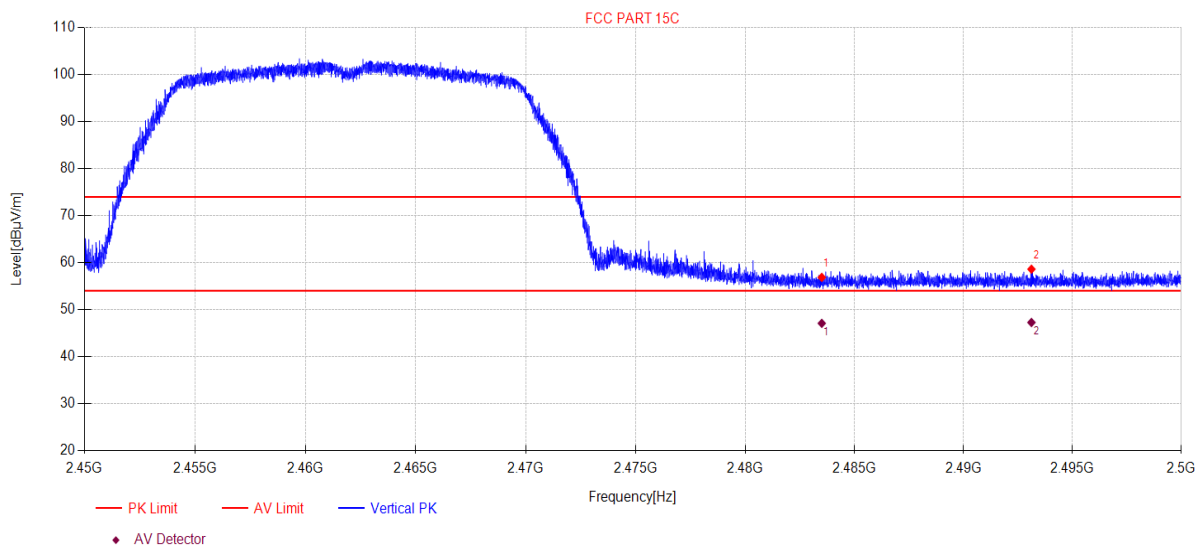
**Test Mode:** TX Mode      **Power Supply:** 120V/60Hz

**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa      **Test Site:** DDT 3# Chamber

**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\26

**Memo:** 11G 2462 Ant1

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2483.50     | 46.33          | 10.54       | 56.87          | 74.00          | 17.13       | PK       | Vertical |
| 2   | 2493.11     | 48.03          | 10.58       | 58.61          | 74.00          | 15.39       | PK       | Vertical |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2483.50     | 36.55          | 10.54       | 47.09          | 54.00          | 6.91        | AV       | Vertical |
| 2   | 2493.11     | 36.69          | 10.58       | 47.27          | 54.00          | 6.73        | AV       | Vertical |

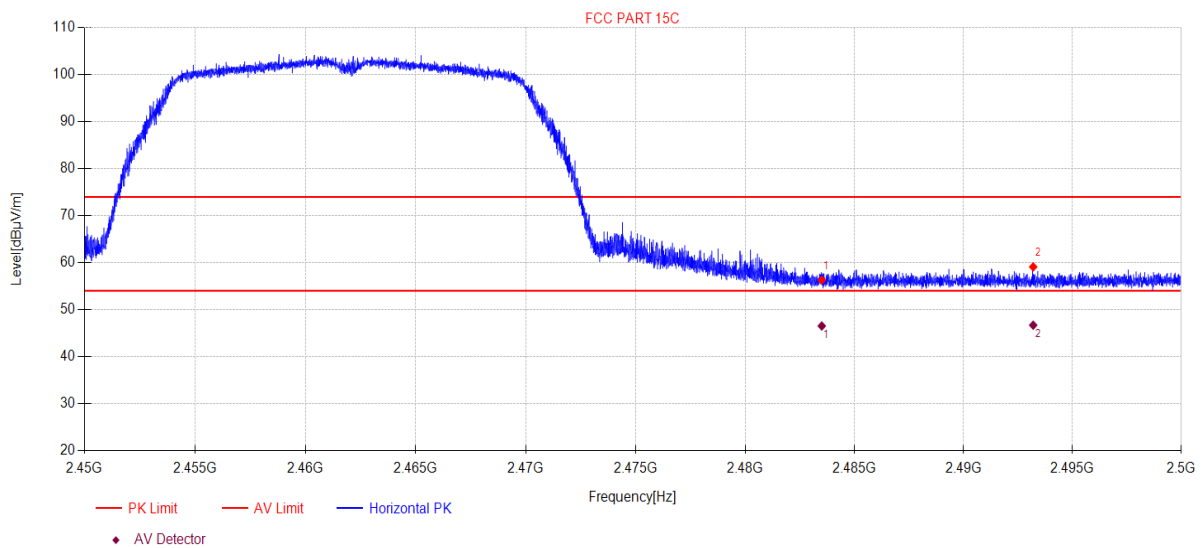
Note:

1. Level = Reading + Factor.
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:** 2022-11-02 **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus  
**Test Mode:** TX Mode **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\27  
**Memo:** 11G 2462 Ant2

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2483.50     | 45.74          | 10.54       | 56.28          | 74.00          | 17.72       | PK       | Horizontal |
| 2   | 2493.19     | 48.52          | 10.58       | 59.10          | 74.00          | 14.90       | PK       | Horizontal |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2483.50     | 35.98          | 10.54       | 46.52          | 54.00          | 7.48        | AV       | Horizontal |
| 2   | 2493.19     | 36.11          | 10.58       | 46.69          | 54.00          | 7.31        | AV       | Horizontal |

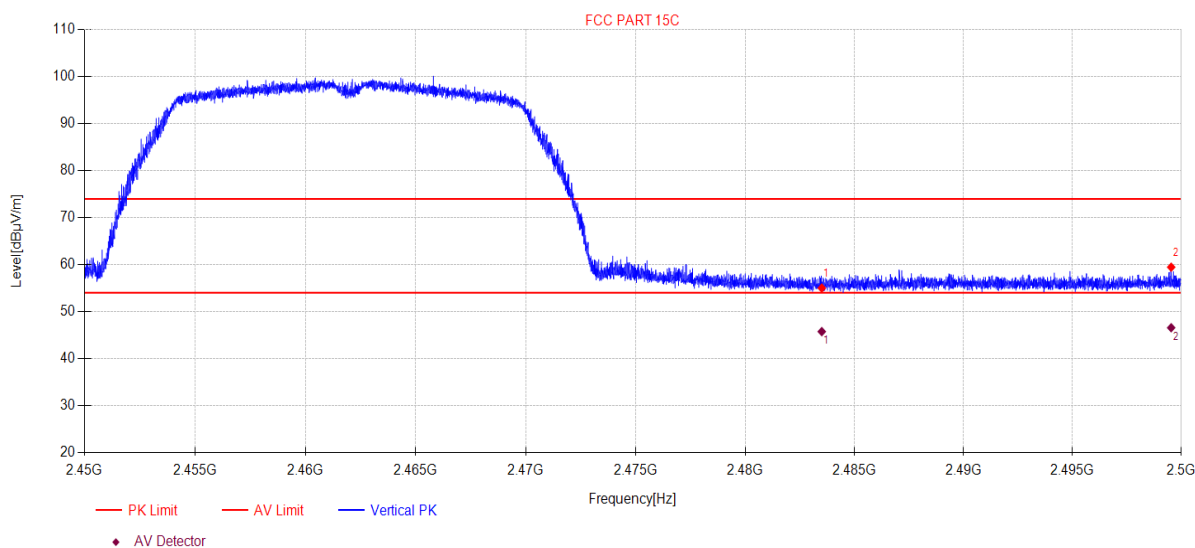
Note:

1. Level = Reading + Factor.
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:** 2022-11-02      **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router      **Model Number:** M6a Plus  
**Test Mode:** TX Mode      **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\28  
**Memo:** 11G 2462 Ant2

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2483.50     | 44.48          | 10.54       | 55.02          | 74.00          | 18.98       | PK       | Vertical |
| 2   | 2499.54     | 48.85          | 10.61       | 59.46          | 74.00          | 14.54       | PK       | Vertical |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2483.50     | 35.21          | 10.54       | 45.75          | 54.00          | 8.25        | AV       | Vertical |
| 2   | 2499.54     | 35.97          | 10.61       | 46.58          | 54.00          | 7.42        | AV       | Vertical |

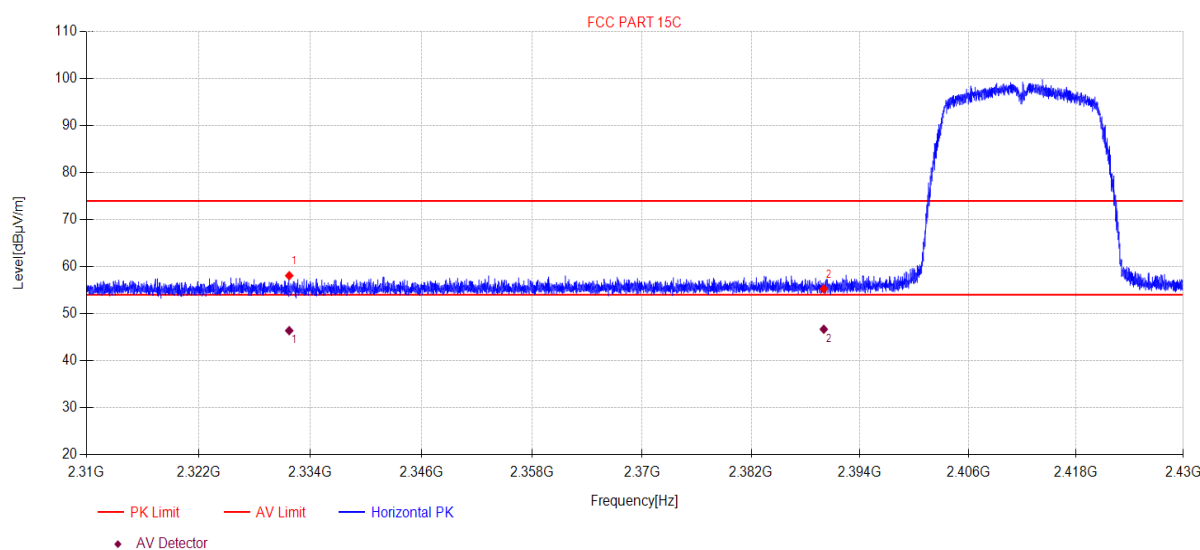
Note:

1. Level = Reading + Factor.
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:** 2022-11-02 **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus  
**Test Mode:** TX Mode **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\29  
**Memo:** 11n20 2412

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2331.73     | 47.93          | 10.16       | 58.09          | 74.00          | 15.91       | PK       | Horizontal |
| 2   | 2390.00     | 44.99          | 10.28       | 55.27          | 74.00          | 18.73       | PK       | Horizontal |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2331.73     | 36.22          | 10.16       | 46.38          | 54.00          | 7.62        | AV       | Horizontal |
| 2   | 2390.00     | 36.39          | 10.28       | 46.67          | 54.00          | 7.33        | AV       | Horizontal |

Note:

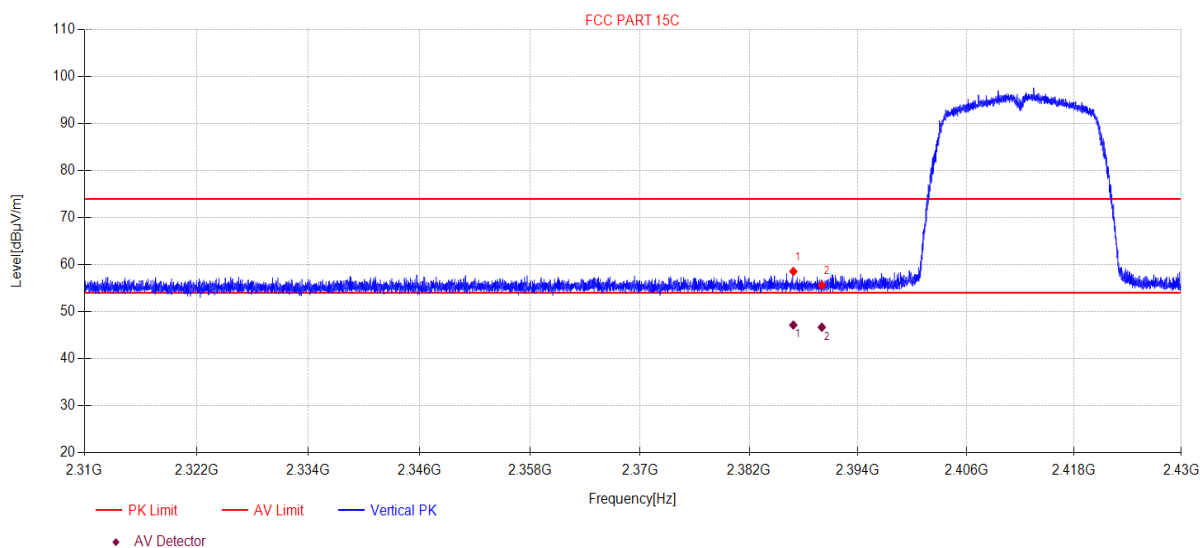
1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.



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

**Test Date:** 2022-11-02      **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router      **Model Number:** M6a Plus  
**Test Mode:** TX Mode      **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\30  
**Memo:** 11n20 2412

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2386.86     | 48.29          | 10.27       | 58.56          | 74.00          | 15.44       | PK       | Vertical |
| 2   | 2390.00     | 45.35          | 10.28       | 55.63          | 74.00          | 18.37       | PK       | Vertical |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2386.86     | 36.87          | 10.27       | 47.14          | 54.00          | 6.86        | AV       | Vertical |
| 2   | 2390.00     | 36.40          | 10.28       | 46.68          | 54.00          | 7.32        | AV       | Vertical |

Note:

1. Level = Reading + Factor.
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:** 2022-11-02      **Tested By:** Bairong

**EUT:** M6a Plus Mesh Wi-Fi Router      **Model Number:** M6a Plus

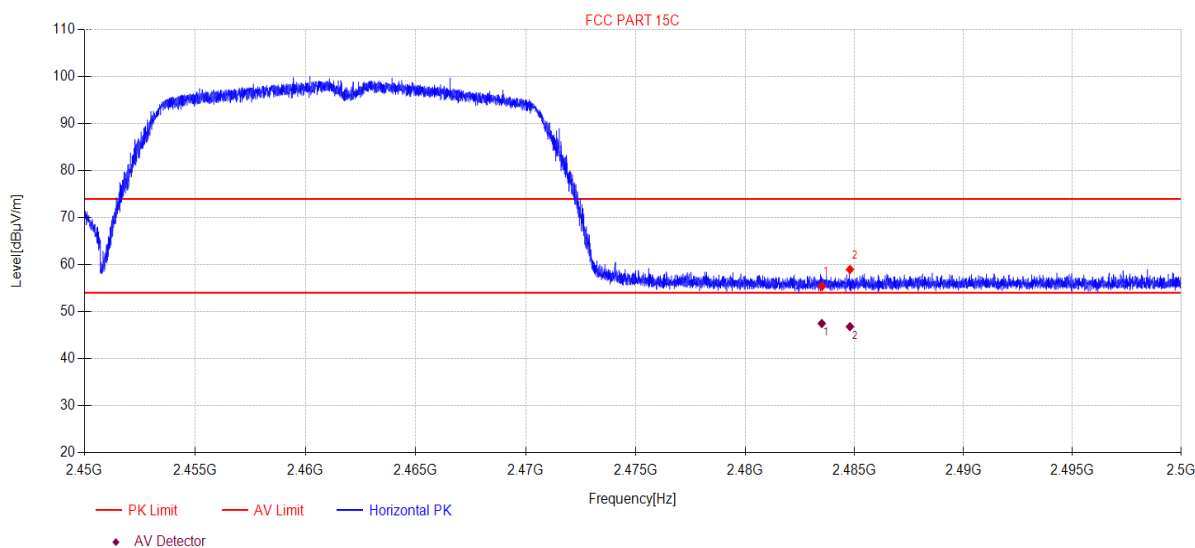
**Test Mode:** TX Mode      **Power Supply:** 120V/60Hz

**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa      **Test Site:** DDT 3# Chamber

**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\31

**Memo:** 11n20 2462

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2483.50     | 44.88          | 10.54       | 55.42          | 74.00          | 18.58       | PK       | Horizontal |
| 2   | 2484.79     | 48.43          | 10.55       | 58.98          | 74.00          | 15.02       | PK       | Horizontal |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2483.50     | 36.93          | 10.54       | 47.47          | 54.00          | 6.53        | AV       | Horizontal |
| 2   | 2484.79     | 36.26          | 10.55       | 46.81          | 54.00          | 7.19        | AV       | Horizontal |

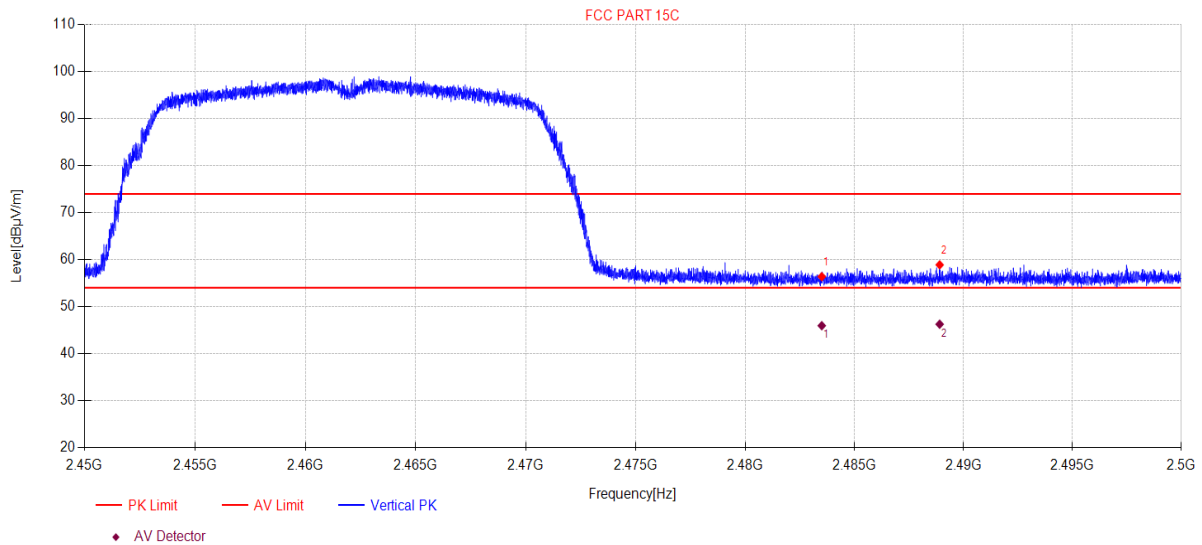
Note:

1. Level = Reading + Factor.
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:** 2022-11-02      **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router      **Model Number:** M6a Plus  
**Test Mode:** TX Mode      **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\32  
**Memo:** 11n20 2462

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2483.50     | 45.85          | 10.54       | 56.39          | 74.00          | 17.61       | PK       | Vertical |
| 2   | 2488.90     | 48.32          | 10.57       | 58.89          | 74.00          | 15.11       | PK       | Vertical |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2483.50     | 35.41          | 10.54       | 45.95          | 54.00          | 8.05        | AV       | Vertical |
| 2   | 2488.90     | 35.69          | 10.57       | 46.26          | 54.00          | 7.74        | AV       | Vertical |

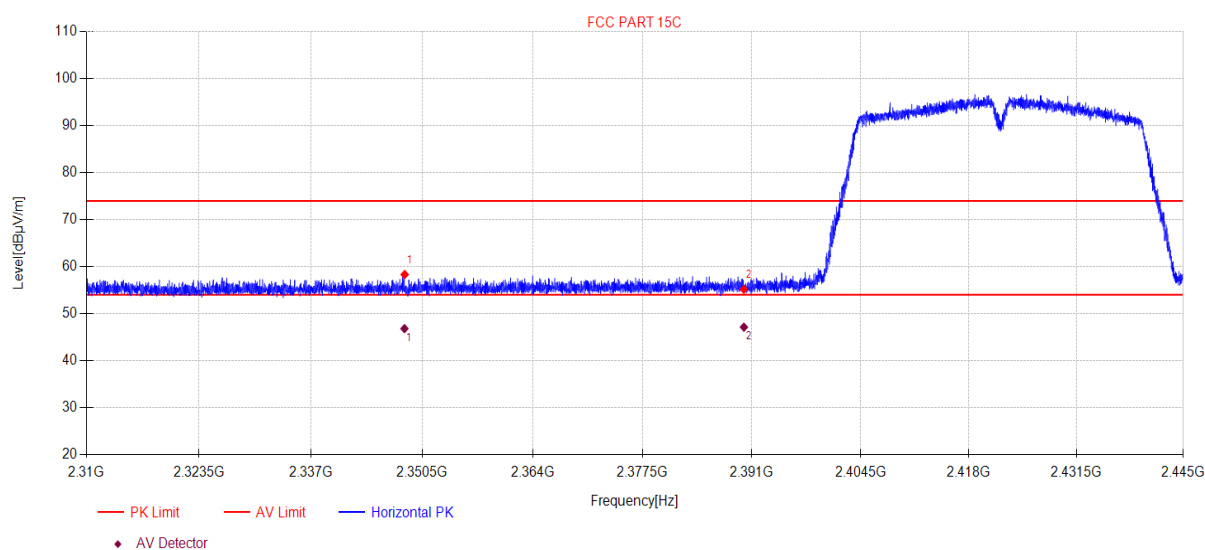
Note:

1. Level = Reading + Factor.
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:** 2022-11-02 **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus  
**Test Mode:** TX Mode **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\33  
**Memo:** 11n40 2422

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2348.38     | 48.12          | 10.20       | 58.32          | 74.00          | 15.68       | PK       | Horizontal |
| 2   | 2390.00     | 44.89          | 10.28       | 55.17          | 74.00          | 18.83       | PK       | Horizontal |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2348.35     | 36.61          | 10.20       | 46.81          | 54.00          | 7.19        | AV       | Horizontal |
| 2   | 2390.00     | 36.84          | 10.28       | 47.12          | 54.00          | 6.88        | AV       | Horizontal |

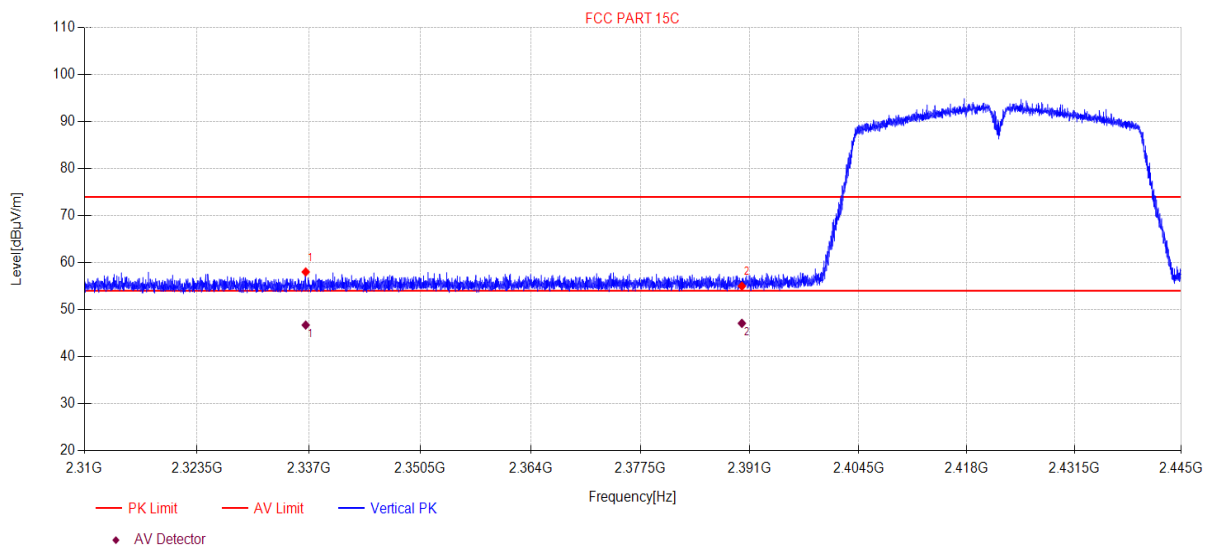
Note:

1. Level = Reading + Factor.
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:** 2022-11-02 **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus  
**Test Mode:** TX Mode **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\34  
**Memo:** 11n40 2422

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2336.62     | 47.85          | 10.17       | 58.02          | 74.00          | 15.98       | PK       | Vertical |
| 2   | 2390.00     | 44.73          | 10.28       | 55.01          | 74.00          | 18.99       | PK       | Vertical |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2336.62     | 36.54          | 10.17       | 46.71          | 54.00          | 7.29        | AV       | Vertical |
| 2   | 2390.00     | 36.81          | 10.28       | 47.09          | 54.00          | 6.91        | AV       | Vertical |

Note:

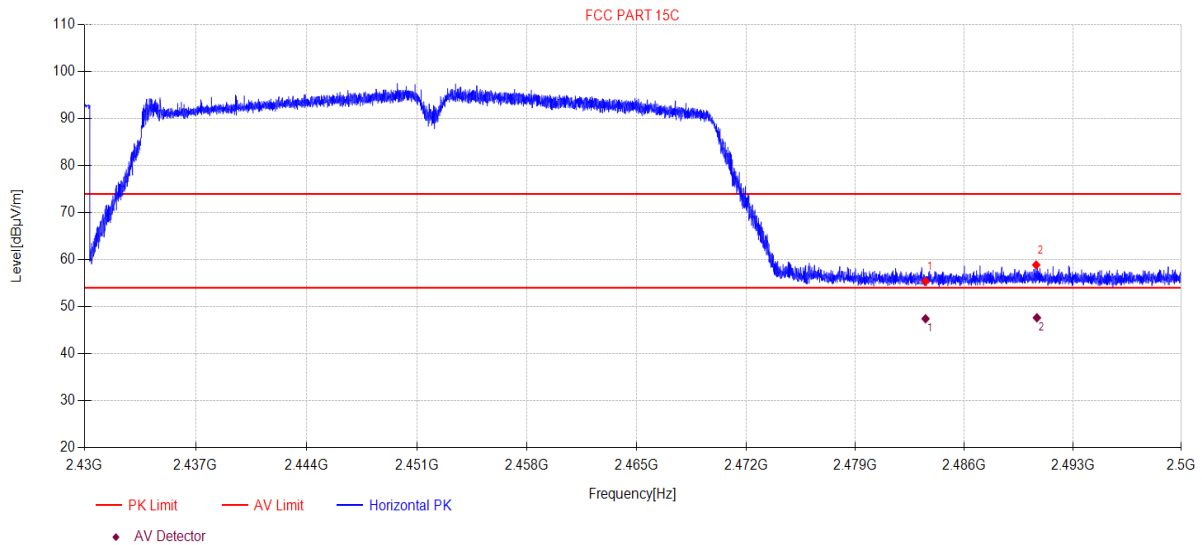
1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.



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

**Test Date:** 2022-11-02 **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus  
**Test Mode:** TX Mode **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\35  
**Memo:** 11n40 2452

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2483.50     | 44.86          | 10.54       | 55.40          | 74.00          | 18.60       | PK       | Horizontal |
| 2   | 2490.63     | 48.30          | 10.57       | 58.87          | 74.00          | 15.13       | PK       | Horizontal |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2483.50     | 36.89          | 10.54       | 47.43          | 54.00          | 6.57        | AV       | Horizontal |
| 2   | 2490.67     | 37.06          | 10.57       | 47.63          | 54.00          | 6.37        | AV       | Horizontal |

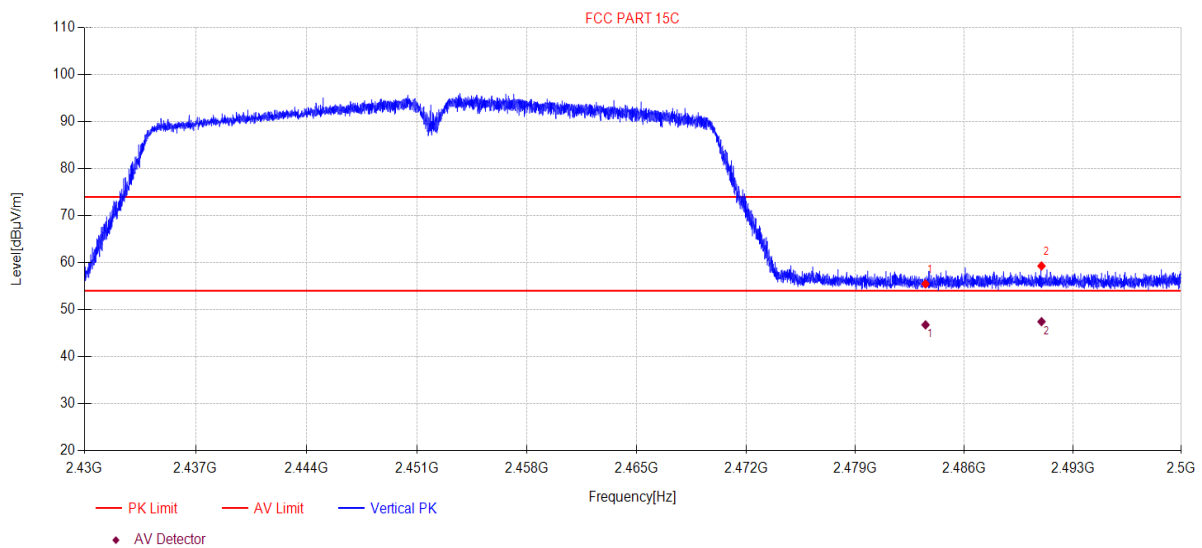
Note:

1. Level = Reading + Factor.
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:** 2022-11-02 **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus  
**Test Mode:** TX Mode **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\36  
**Memo:** 11n40 2452

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2483.50     | 44.93          | 10.54       | 55.47          | 74.00          | 18.53       | PK       | Vertical |
| 2   | 2490.97     | 48.72          | 10.57       | 59.29          | 74.00          | 14.71       | PK       | Vertical |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2483.50     | 36.22          | 10.54       | 46.76          | 54.00          | 7.24        | AV       | Vertical |
| 2   | 2490.97     | 36.87          | 10.57       | 47.44          | 54.00          | 6.56        | AV       | Vertical |

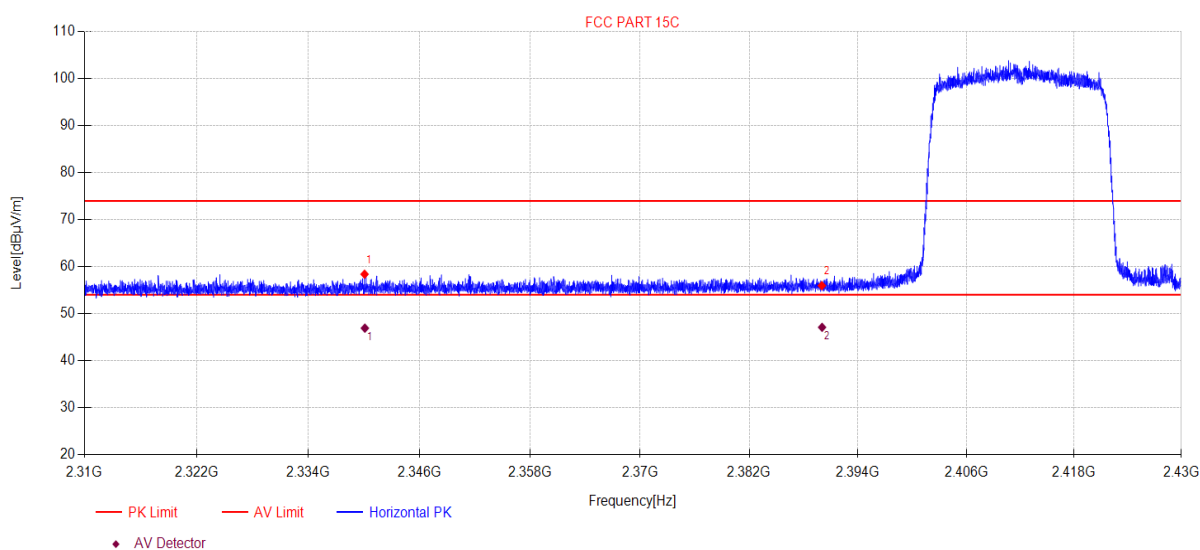
Note:

1. Level = Reading + Factor.
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:** 2022-11-02 **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus  
**Test Mode:** TX Mode **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\37  
**Memo:** 11AX20 2412

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2340.07     | 48.22          | 10.18       | 58.40          | 74.00          | 15.60       | PK       | Horizontal |
| 2   | 2390.00     | 45.69          | 10.28       | 55.97          | 74.00          | 18.03       | PK       | Horizontal |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2340.10     | 36.73          | 10.18       | 46.91          | 54.00          | 7.09        | AV       | Horizontal |
| 2   | 2390.03     | 36.81          | 10.28       | 47.09          | 54.00          | 6.91        | AV       | Horizontal |

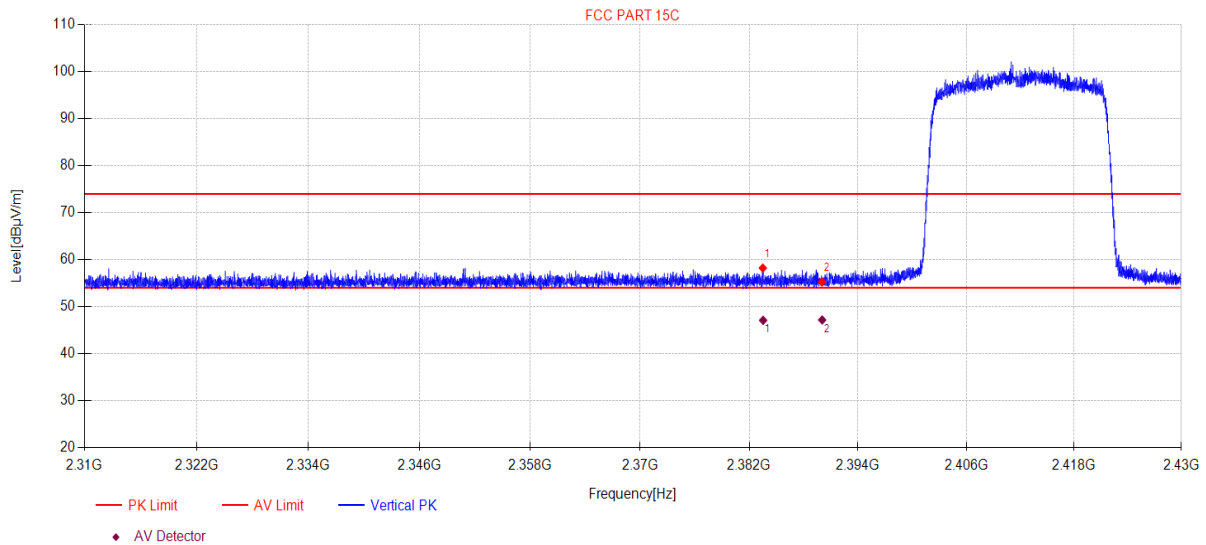
Note:

1. Level = Reading + Factor.
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:** 2022-11-02 **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus  
**Test Mode:** TX Mode **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\38  
**Memo:** 11AX20 2412

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2383.50     | 47.94          | 10.27       | 58.21          | 74.00          | 15.79       | PK       | Vertical |
| 2   | 2390.00     | 44.99          | 10.28       | 55.27          | 74.00          | 18.73       | PK       | Vertical |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2383.53     | 36.82          | 10.27       | 47.09          | 54.00          | 6.91        | AV       | Vertical |
| 2   | 2390.04     | 36.89          | 10.28       | 47.17          | 54.00          | 6.83        | AV       | Vertical |

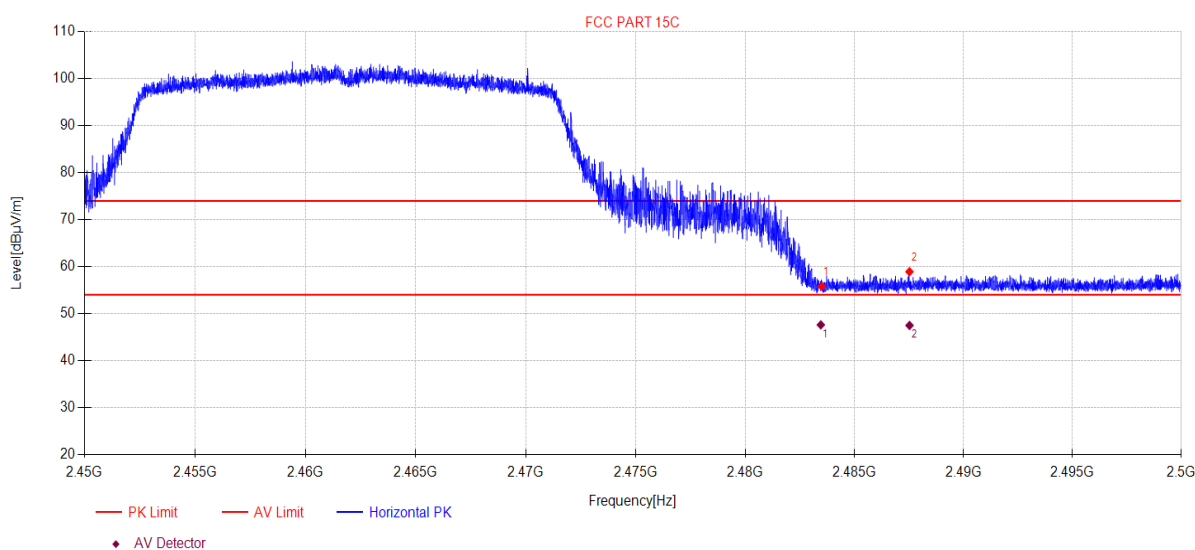
Note:

1. Level = Reading + Factor.
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:** 2022-11-02 **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus  
**Test Mode:** TX Mode **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\39  
**Memo:** 11AX20 2462

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2483.50     | 45.28          | 10.54       | 55.82          | 74.00          | 18.18       | PK       | Horizontal |
| 2   | 2487.52     | 48.36          | 10.56       | 58.92          | 74.00          | 15.08       | PK       | Horizontal |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2483.46     | 37.06          | 10.55       | 47.61          | 54.00          | 6.39        | AV       | Horizontal |
| 2   | 2487.52     | 36.93          | 10.56       | 47.49          | 54.00          | 6.51        | AV       | Horizontal |

Note:

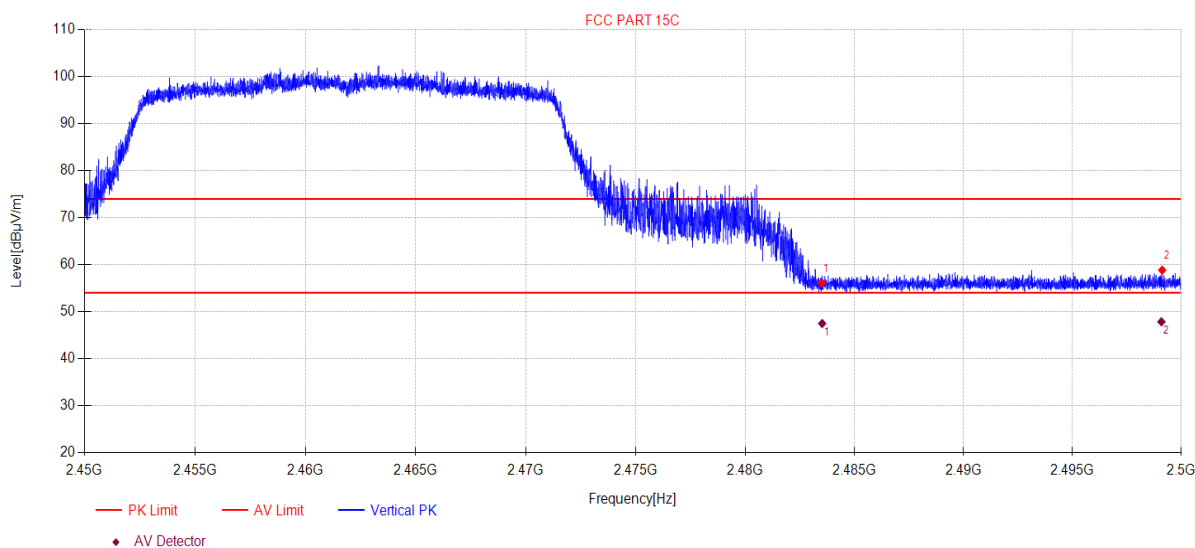
1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.



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

**Test Date:** 2022-11-02      **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router      **Model Number:** M6a Plus  
**Test Mode:** TX Mode      **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\40  
**Memo:** 11AX20 2462

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2483.50     | 45.56          | 10.54       | 56.10          | 74.00          | 17.90       | PK       | Vertical |
| 2   | 2499.12     | 48.23          | 10.61       | 58.84          | 74.00          | 15.16       | PK       | Vertical |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2483.52     | 36.92          | 10.55       | 47.47          | 54.00          | 6.53        | AV       | Vertical |
| 2   | 2499.08     | 37.23          | 10.61       | 47.84          | 54.00          | 6.16        | AV       | Vertical |

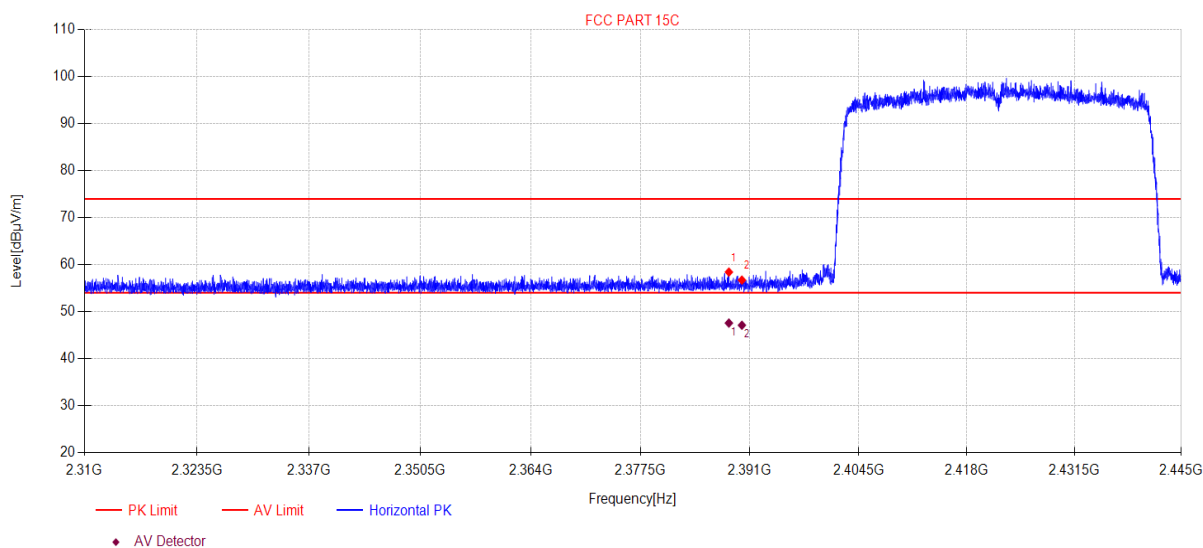
Note:

1. Level = Reading + Factor.
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:** 2022-11-02 **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus  
**Test Mode:** TX Mode **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\41  
**Memo:** 11AX40 2422

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2388.39     | 48.14          | 10.28       | 58.42          | 74.00          | 15.58       | PK       | Horizontal |
| 2   | 2390.00     | 46.44          | 10.28       | 56.72          | 74.00          | 17.28       | PK       | Horizontal |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2388.39     | 37.29          | 10.28       | 47.57          | 54.00          | 6.43        | AV       | Horizontal |
| 2   | 2390.00     | 36.83          | 10.28       | 47.11          | 54.00          | 6.89        | AV       | Horizontal |

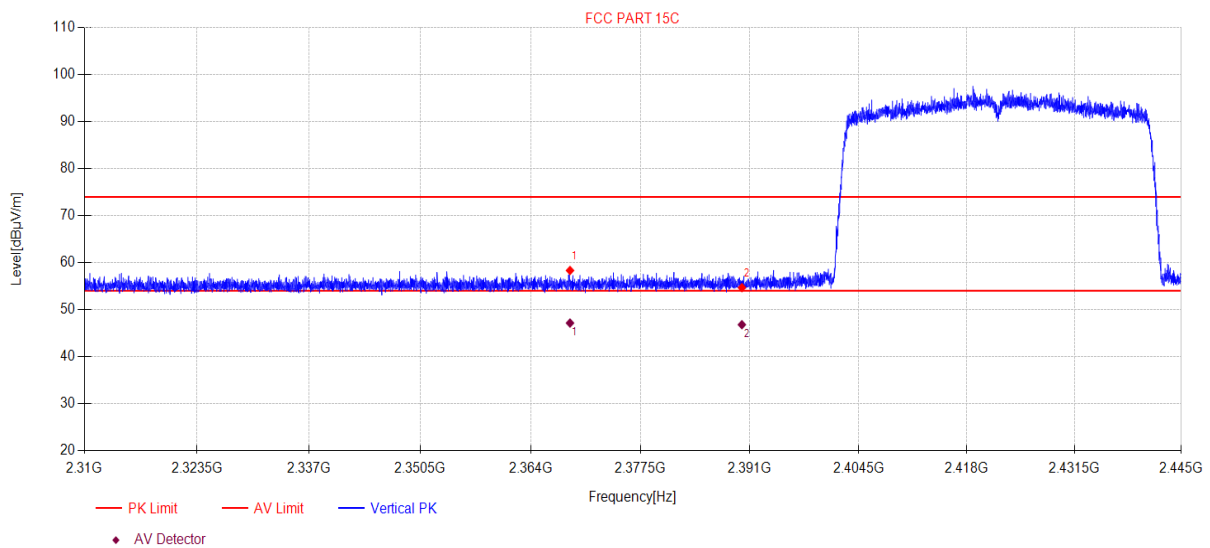
Note:

1. Level = Reading + Factor.
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:** 2022-11-02 **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus  
**Test Mode:** TX Mode **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\42  
**Memo:** 11AX40 2422

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2368.82     | 48.09          | 10.24       | 58.33          | 74.00          | 15.67       | PK       | Vertical |
| 2   | 2390.00     | 44.40          | 10.28       | 54.68          | 74.00          | 19.32       | PK       | Vertical |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2368.82     | 36.91          | 10.24       | 47.15          | 54.00          | 6.85        | AV       | Vertical |
| 2   | 2390.00     | 36.52          | 10.28       | 46.80          | 54.00          | 7.20        | AV       | Vertical |

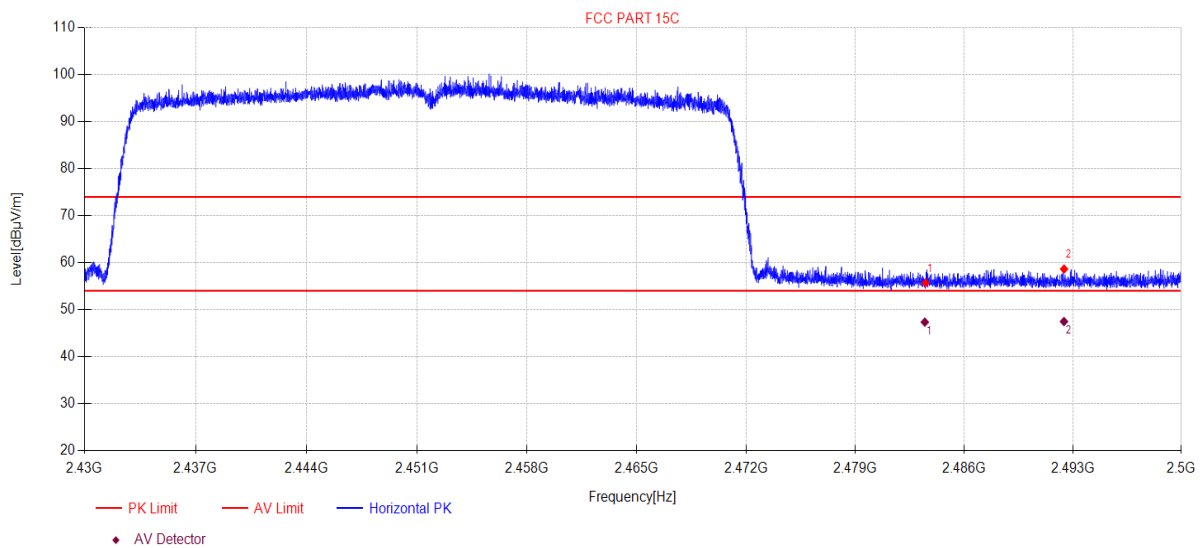
Note:

1. Level = Reading + Factor.
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:** 2022-11-02 **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus  
**Test Mode:** TX Mode **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\43  
**Memo:** 11AX40 2452

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2483.50     | 45.16          | 10.54       | 55.70          | 74.00          | 18.30       | PK       | Horizontal |
| 2   | 2492.43     | 48.07          | 10.58       | 58.65          | 74.00          | 15.35       | PK       | Horizontal |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 2483.45     | 36.79          | 10.55       | 47.34          | 54.00          | 6.66        | AV       | Horizontal |
| 2   | 2492.42     | 36.88          | 10.59       | 47.47          | 54.00          | 6.53        | AV       | Horizontal |

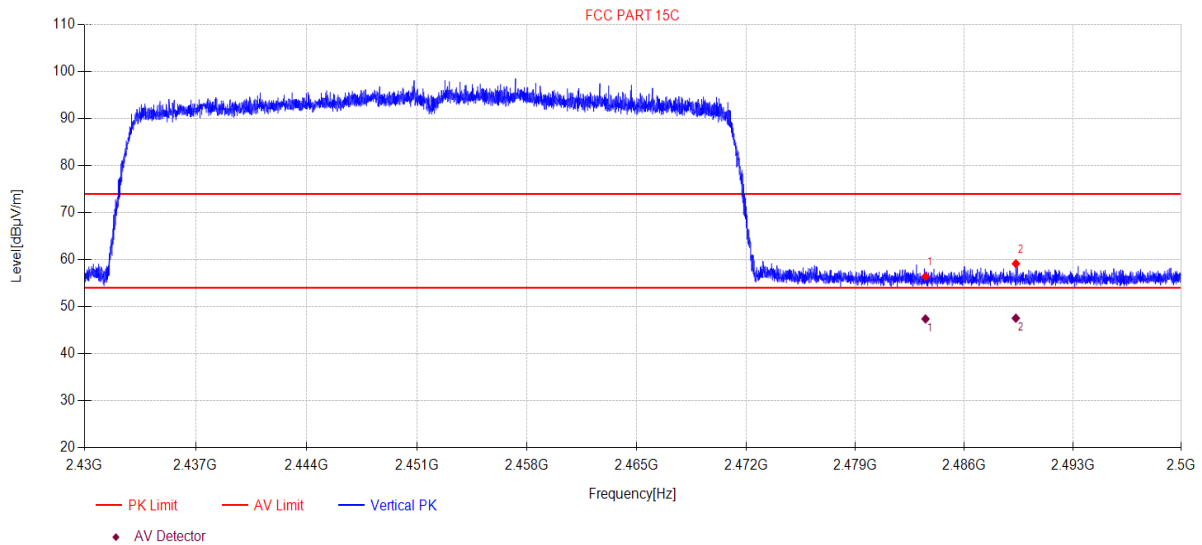
Note:

1. Level = Reading + Factor.
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:** 2022-11-02 **Tested By:** Bairong  
**EUT:** M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus  
**Test Mode:** TX Mode **Power Supply:** 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 2.4G\44  
**Memo:** 11AX40 2452

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2483.50     | 45.87          | 10.54       | 56.41          | 74.00          | 17.59       | PK       | Vertical |
| 2   | 2489.32     | 48.58          | 10.57       | 59.15          | 74.00          | 14.85       | PK       | Vertical |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 2483.50     | 36.83          | 10.55       | 47.38          | 54.00          | 6.62        | AV       | Vertical |
| 2   | 2489.31     | 36.97          | 10.57       | 47.54          | 54.00          | 6.46        | AV       | Vertical |

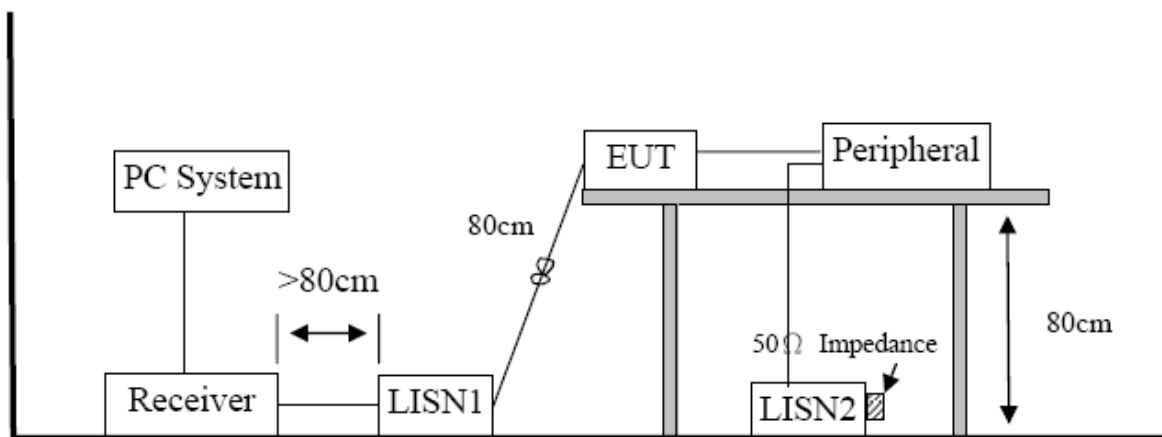
Note:

1. Level = Reading + Factor.
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.



## 11. Power Line Conducted Emission

### 11.1. Block diagram of test setup



### 11.2. Power line conducted emission limits (Class B)

| Frequency         | Quasi-Peak Level<br>dB(μV) | Average Level<br>dB(μV) |
|-------------------|----------------------------|-------------------------|
| 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.

### 11.3. Test procedure

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

All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.

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.

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.

#### 11.4. Test result

Pass. (See below detailed test result)

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

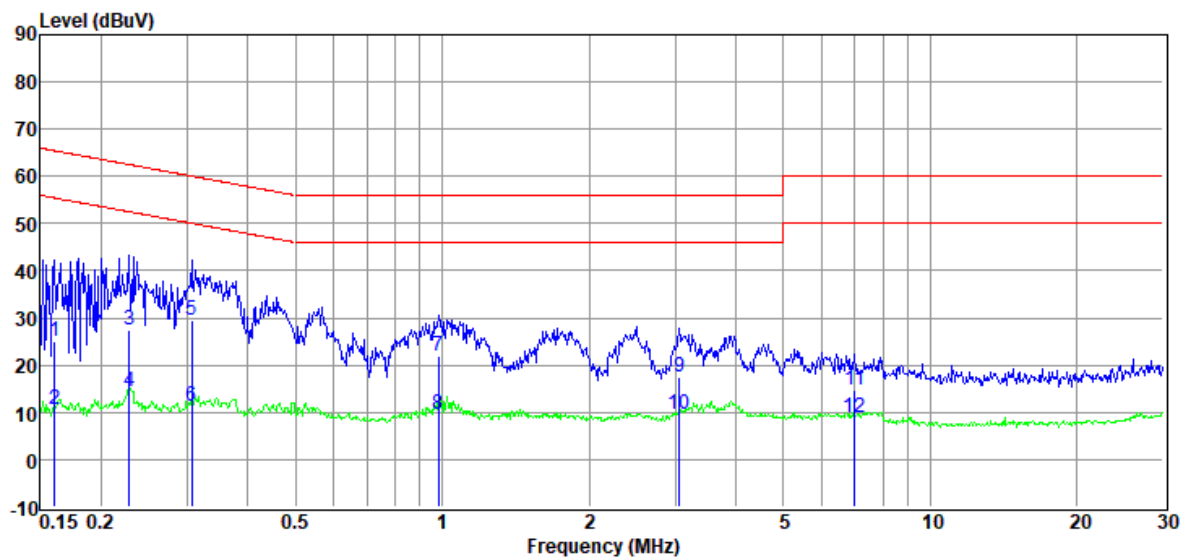
Note2: "----" means Peak detection; "----" means Average detection.

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 **D:\2022 CE report date\Q22100908-2E M64 PLUS\FCC.EM6**  
**Test Date** : 2022-10-25 **Tested By** : Bairong  
**EUT** : M6a Plus Mesh Wi-Fi Router **Model Number** : M6a Plus  
**Power Supply** : AC 120V/60Hz **Test Mode** : TX  
**Condition** : TEMP:24.6°C, RH:54.1%, BP:101.1kPa **LISN** : 2021 1# ENV216/LINE  
**Memo** : 2.4G wifi

Data: 2



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | LISN<br>Factor<br>(dB) | Cable<br>Loss<br>(dB) | Pulse<br>Limiter<br>Factor<br>(dB) | Result<br>Level<br>(dBμV) | Limit<br>Line<br>(dBμV) | Over<br>Limit<br>(dB) | Detector | Phase |
|----------------|----------------|-------------------------|------------------------|-----------------------|------------------------------------|---------------------------|-------------------------|-----------------------|----------|-------|
| 1              | 0.16           | 5.55                    | 9.65                   | 0.01                  | 9.92                               | 25.13                     | 65.43                   | -40.30                | QP       | LINE  |
| 2              | 0.16           | -8.88                   | 9.65                   | 0.01                  | 9.92                               | 10.70                     | 55.43                   | -44.73                | Average  | LINE  |
| 3              | 0.23           | 7.91                    | 9.77                   | 0.02                  | 9.92                               | 27.62                     | 62.52                   | -34.90                | QP       | LINE  |
| 4              | 0.23           | -5.23                   | 9.77                   | 0.02                  | 9.92                               | 14.48                     | 52.52                   | -38.04                | Average  | LINE  |
| 5              | 0.31           | 9.77                    | 9.71                   | 0.02                  | 9.92                               | 29.42                     | 60.06                   | -30.64                | QP       | LINE  |
| 6              | 0.31           | -8.44                   | 9.71                   | 0.02                  | 9.92                               | 11.21                     | 50.06                   | -38.85                | Average  | LINE  |
| 7              | 0.98           | 2.42                    | 9.60                   | 0.03                  | 9.89                               | 21.94                     | 56.00                   | -34.06                | QP       | LINE  |
| 8              | 0.98           | -10.00                  | 9.60                   | 0.03                  | 9.89                               | 9.52                      | 46.00                   | -36.48                | Average  | LINE  |
| 9              | 3.06           | -2.02                   | 9.56                   | 0.05                  | 9.91                               | 17.50                     | 56.00                   | -38.50                | QP       | LINE  |
| 10             | 3.06           | -10.03                  | 9.56                   | 0.05                  | 9.91                               | 9.49                      | 46.00                   | -36.51                | Average  | LINE  |
| 11             | 6.99           | -4.92                   | 9.50                   | 0.08                  | 9.94                               | 14.60                     | 60.00                   | -45.40                | QP       | LINE  |
| 12             | 6.99           | -10.52                  | 9.50                   | 0.08                  | 9.94                               | 9.00                      | 50.00                   | -41.00                | Average  | LINE  |

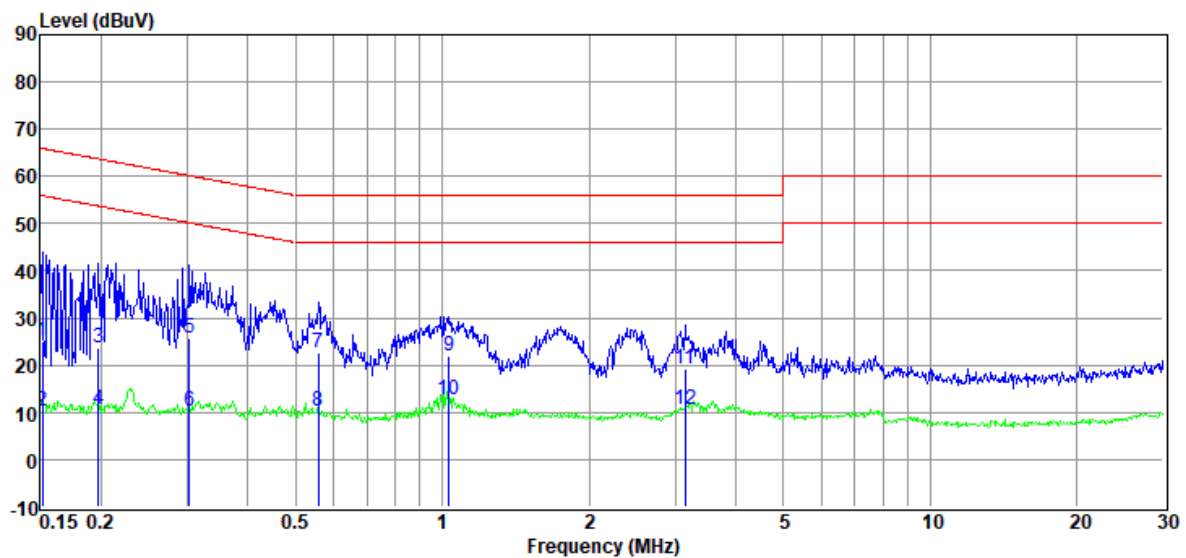
Note:

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.

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

**Test Site** : DDT 1# Shield Room **D:\2022 CE report date\Q22100908-2E M64 PLUS\FCC.EM6**  
**Test Date** : 2022-10-25 **Tested By** : Bairong  
**EUT** : M6a Plus Mesh Wi-Fi Router **Model Number** : M6a Plus  
**Power Supply** : AC 120V/60Hz **Test Mode** : TX  
**Condition** : TEMP:24.6°C, RH:54.1%, BP:101.1kPa **LISN** : 2021 1# ENV216/NEUTRAL  
**Memo** : 2.4G wifi

Data: 4



| Item<br>(Mark) | Freq.<br>(MHz) | Read<br>Level<br>(dBμV) | LISN<br>Factor<br>(dB) | Cable<br>Loss<br>(dB) | Pulse<br>Limiter<br>Factor<br>(dB) | Result<br>Level<br>(dBμV) | Limit<br>Line<br>(dBμV) | Over<br>Limit<br>(dB) | Detector | Phase   |
|----------------|----------------|-------------------------|------------------------|-----------------------|------------------------------------|---------------------------|-------------------------|-----------------------|----------|---------|
| 1              | 0.15           | 5.16                    | 9.80                   | 0.01                  | 9.92                               | 24.89                     | 65.91                   | -41.02                | QP       | NEUTRAL |
| 2              | 0.15           | -9.31                   | 9.80                   | 0.01                  | 9.92                               | 10.42                     | 55.91                   | -45.49                | Average  | NEUTRAL |
| 3              | 0.20           | 4.10                    | 9.80                   | 0.01                  | 9.92                               | 23.83                     | 63.71                   | -39.88                | QP       | NEUTRAL |
| 4              | 0.20           | -8.96                   | 9.80                   | 0.01                  | 9.92                               | 10.77                     | 53.71                   | -42.94                | Average  | NEUTRAL |
| 5              | 0.30           | 6.15                    | 9.66                   | 0.02                  | 9.92                               | 25.75                     | 60.15                   | -34.40                | QP       | NEUTRAL |
| 6              | 0.30           | -9.22                   | 9.66                   | 0.02                  | 9.92                               | 10.38                     | 50.15                   | -39.77                | Average  | NEUTRAL |
| 7              | 0.56           | 3.18                    | 9.60                   | 0.02                  | 9.91                               | 22.71                     | 56.00                   | -33.29                | QP       | NEUTRAL |
| 8              | 0.56           | -9.12                   | 9.60                   | 0.02                  | 9.91                               | 10.41                     | 46.00                   | -35.59                | Average  | NEUTRAL |
| 9              | 1.03           | 2.25                    | 9.70                   | 0.03                  | 9.89                               | 21.87                     | 56.00                   | -34.13                | QP       | NEUTRAL |
| 10             | 1.03           | -7.05                   | 9.70                   | 0.03                  | 9.89                               | 12.57                     | 46.00                   | -33.43                | Average  | NEUTRAL |
| 11             | 3.14           | -0.45                   | 9.73                   | 0.05                  | 9.91                               | 19.24                     | 56.00                   | -36.76                | QP       | NEUTRAL |
| 12             | 3.14           | -8.97                   | 9.73                   | 0.05                  | 9.91                               | 10.72                     | 46.00                   | -35.28                | 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.

## 12. Antenna Requirements

### 12.1. 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. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

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.

### 12.2. Result

The device support 2T2R MIMO, the antennas both used for this product are internal antennas and no antenna other than that furnished by the responsible party shall be used with the device, maximum antenna gain is 3.9 dBi for antenna 1, 3.9 dBi for antenna 2.