

## Appendix A: Test Results of 5.2G SDR

|                                                                           |    |
|---------------------------------------------------------------------------|----|
| APPENDIX A: TEST RESULTS OF 5.2G SDR .....                                | 1  |
| APPENDIX A.1: TEST RESULTS OF CONDUCTED POWER SPECTRAL DENSITY .....      | 2  |
| 5.2GHz SDR, 10MHz BW.....                                                 | 2  |
| 5.2GHz SDR, 20MHz BW.....                                                 | 8  |
| 5.2GHz SDR, 40MHz BW.....                                                 | 14 |
| APPENDIX A.2: TEST RESULTS OF FREQUENCY STABILITY .....                   | 20 |
| 5.2GHz SDR, 10MHz BW.....                                                 | 20 |
| 5.2GHz SDR, 20MHz BW.....                                                 | 21 |
| 5.2GHz SDR, 40MHz BW.....                                                 | 22 |
| APPENDIX A.3: TEST RESULTS OF 26dB BANDWIDTH .....                        | 23 |
| 5.2GHz SDR, 10MHz BW.....                                                 | 23 |
| 5.2GHz SDR, 20MHz BW.....                                                 | 26 |
| 5.2GHz SDR, 40MHz BW.....                                                 | 29 |
| APPENDIX A.4: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS.....            | 32 |
| 30MHz - 1GHz (Worst case).....                                            | 32 |
| 1GHz - 18GHz.....                                                         | 34 |
| APPENDIX A.5: TEST RESULTS OF RADIATED EMISSIONS IN RESTRICTED BANDS..... | 70 |
| 5.2GHz SDR, 10MHz BW.....                                                 | 70 |
| 5.2GHz SDR, 20MHz BW.....                                                 | 74 |
| 5.2GHz SDR, 40MHz BW.....                                                 | 78 |

Note: All testing were carried out on SISO mode and MIMO mode, but only the worst case was presented in this report.

## Appendix A.1: Test Results of Conducted Power Spectral Density

### 5.2GHz SDR, 10MHz BW

#### SISO mode (Ant.0):

#### Power Spectral Density (5157 MHz; 20.000 dBm; 10 MHz)

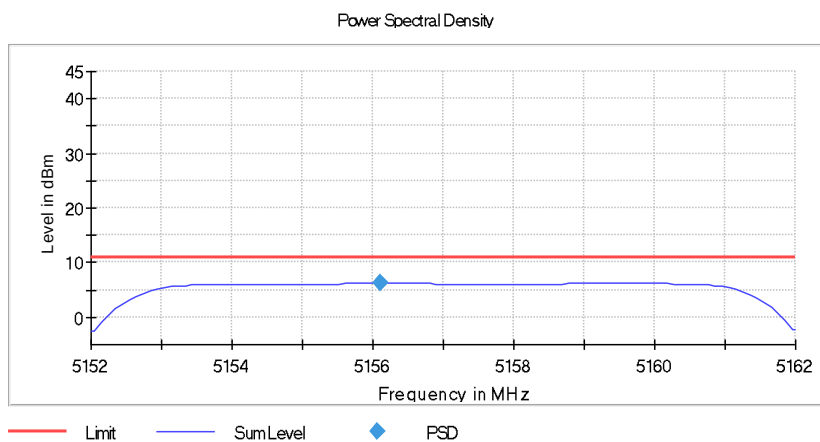
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

#### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5157.000000         | 5156.108911     | 6.188     | 11.0            | PASS   |

#### Ports

| Port | State |
|------|-------|
| 1    | used  |



#### Measurement

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| Start Frequency       | 5.15200 GHz      | 5.15200 GHz  |
| Stop Frequency        | 5.16200 GHz      | 5.16200 GHz  |
| Span                  | 10.000 MHz       | 10.000 MHz   |
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 101              | ~ 20         |
| SweepTime             | 505.000 ms       | 505.000 ms   |
| Reference Level       | 10.000 dBm       | 10.000 dBm   |
| Attenuation           | 30.000 dB        | AUTO         |
| Detector              | RMS              | RMS          |
| SweepCount            | 119              | 119          |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.30 dB          | 0.30 dB      |
| Run                   | 4 / max. 15      | max. 15      |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.00 dB          | 0.30 dB      |

## Power Spectral Density (5201 MHz; 20.000 dBm; 10 MHz)

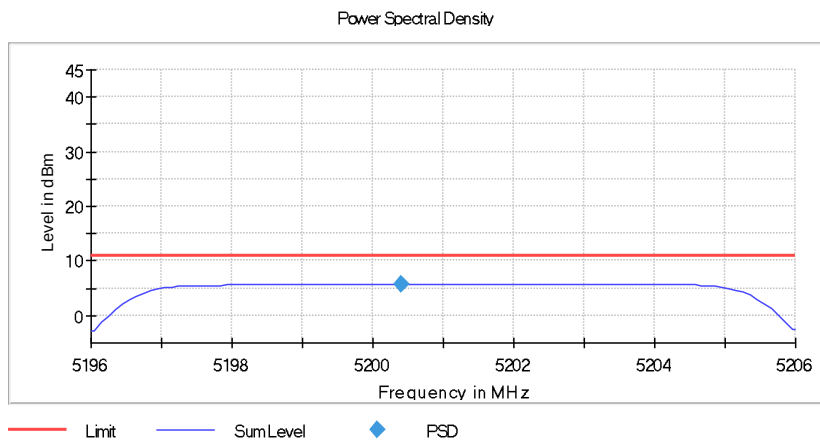
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5201.000000         | 5200.405941     | 5.767     | 11.0            | PASS   |

### Ports

| Port | State |
|------|-------|
| 1    | used  |



### Measurement

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| Start Frequency       | 5.19600 GHz      | 5.19600 GHz  |
| Stop Frequency        | 5.20600 GHz      | 5.20600 GHz  |
| Span                  | 10.000 MHz       | 10.000 MHz   |
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 101              | ~ 20         |
| SweepTime             | 505.000 ms       | 505.000 ms   |
| Reference Level       | 10.000 dBm       | 10.000 dBm   |
| Attenuation           | 30.000 dB        | AUTO         |
| Detector              | RMS              | RMS          |
| SweepCount            | 119              | 119          |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.30 dB          | 0.30 dB      |
| Run                   | 4 / max. 15      | max. 15      |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.00 dB          | 0.30 dB      |

## Power Spectral Density (5245 MHz; 20.000 dBm; 10 MHz)

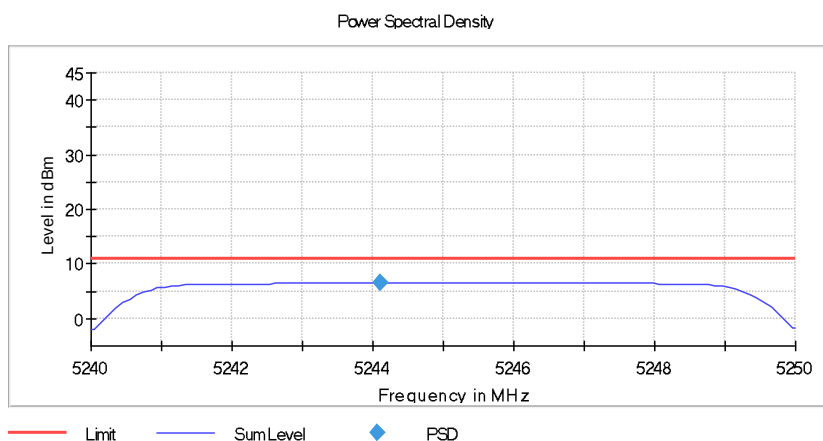
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5245.000000         | 5244.108911     | 6.497     | 11.0            | PASS   |

### Ports

| Port | State |
|------|-------|
| 1    | used  |



### Measurement

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| Start Frequency       | 5.24000 GHz      | 5.24000 GHz  |
| Stop Frequency        | 5.25000 GHz      | 5.25000 GHz  |
| Span                  | 10.000 MHz       | 10.000 MHz   |
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 101              | ~ 20         |
| SweepTime             | 505.000 ms       | 505.000 ms   |
| Reference Level       | 10.000 dBm       | 10.000 dBm   |
| Attenuation           | 30.000 dB        | AUTO         |
| Detector              | RMS              | RMS          |
| SweepCount            | 119              | 119          |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.30 dB          | 0.30 dB      |
| Run                   | 4 / max. 15      | max. 15      |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.00 dB          | 0.30 dB      |

## MIMO mode (Ant.0+3):

### Power Spectral Density (5157 MHz; 20.000 dBm; 10 MHz)

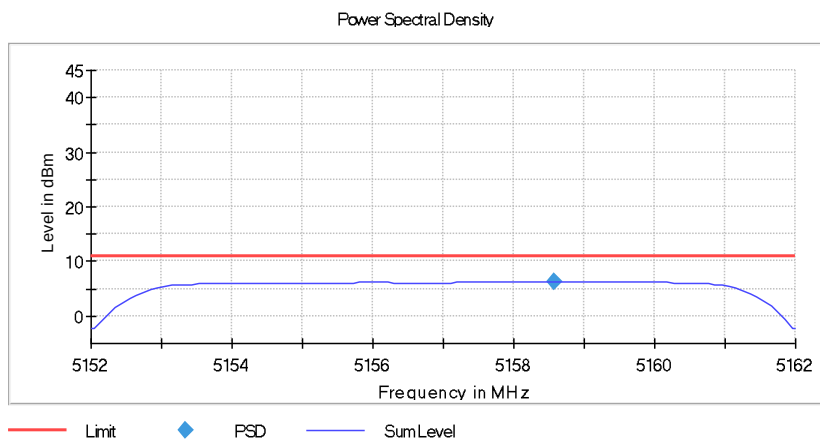
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

## Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5157.000000         | 5158.584158     | 6.208     | 11.0            | PASS   |

## Ports

| Port | State |
|------|-------|
| 1    | used  |
| 2    | used  |



## Measurement

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| Start Frequency       | 5.15200 GHz      | 5.15200 GHz  |
| Stop Frequency        | 5.16200 GHz      | 5.16200 GHz  |
| Span                  | 10.000 MHz       | 10.000 MHz   |
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 101              | ~ 20         |
| SweepTime             | 505.000 ms       | 505.000 ms   |
| Reference Level       | 10.000 dBm       | 10.000 dBm   |
| Attenuation           | 30.000 dB        | AUTO         |
| Detector              | RMS              | RMS          |
| SweepCount            | 119              | 119          |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.30 dB          | 0.30 dB      |
| Run                   | 4 / max. 15      | max. 15      |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.00 dB          | 0.30 dB      |

## Power Spectral Density (5201 MHz; 20.000 dBm; 10 MHz)

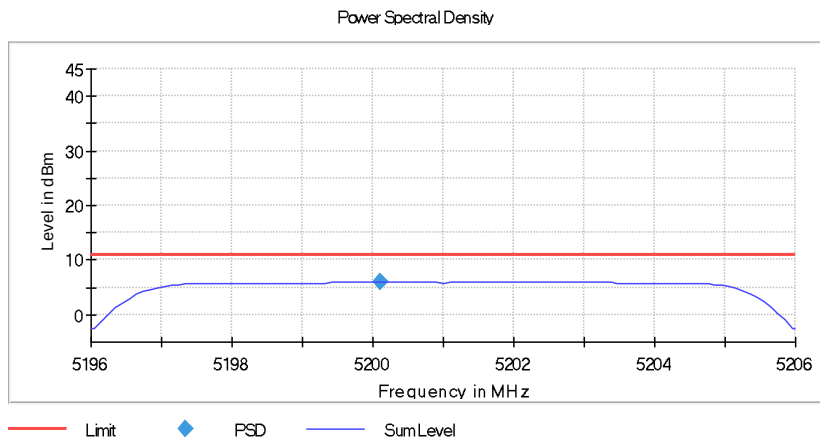
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5201.000000         | 5200.108911     | 5.887     | 11.0            | PASS   |

### Ports

| Port | State |
|------|-------|
| 1    | used  |
| 2    | used  |



### Measurement

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| Start Frequency       | 5.19600 GHz      | 5.19600 GHz  |
| Stop Frequency        | 5.20600 GHz      | 5.20600 GHz  |
| Span                  | 10.000 MHz       | 10.000 MHz   |
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 101              | ~ 20         |
| SweepTime             | 505.000 ms       | 505.000 ms   |
| Reference Level       | 10.000 dBm       | 10.000 dBm   |
| Attenuation           | 30.000 dB        | AUTO         |
| Detector              | RMS              | RMS          |
| SweepCount            | 119              | 119          |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.30 dB          | 0.30 dB      |
| Run                   | 4 / max. 15      | max. 15      |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.00 dB          | 0.30 dB      |

## Power Spectral Density (5245 MHz; 20.000 dBm; 10 MHz)

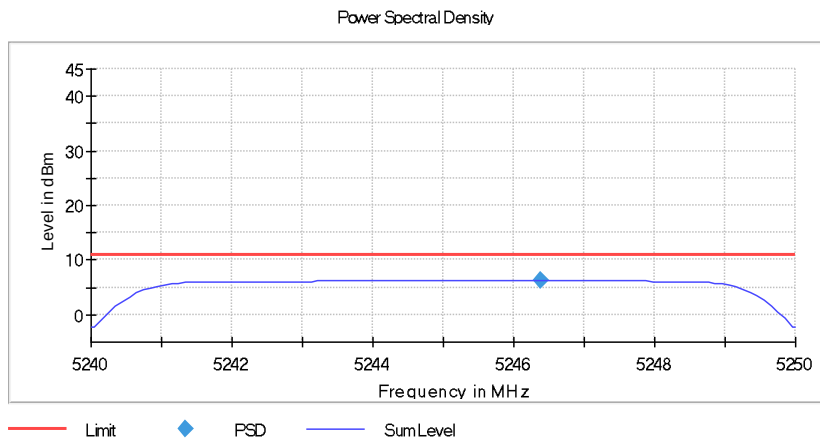
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5245.000000         | 5246.386139     | 6.168     | 11.0            | PASS   |

### Ports

| Port | State |
|------|-------|
| 1    | used  |
| 2    | used  |



### Measurement

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| Start Frequency       | 5.24000 GHz      | 5.24000 GHz  |
| Stop Frequency        | 5.25000 GHz      | 5.25000 GHz  |
| Span                  | 10.000 MHz       | 10.000 MHz   |
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 101              | ~ 20         |
| SweepTime             | 505.000 ms       | 505.000 ms   |
| Reference Level       | 10.000 dBm       | 10.000 dBm   |
| Attenuation           | 30.000 dB        | AUTO         |
| Detector              | RMS              | RMS          |
| SweepCount            | 119              | 119          |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.30 dB          | 0.30 dB      |
| Run                   | 4 / max. 15      | max. 15      |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.00 dB          | 0.30 dB      |

## 5.2GHz SDR, 20MHz BW

### SISO mode (Ant.0):

### Power Spectral Density (5161 MHz; 20.000 dBm; 20 MHz)

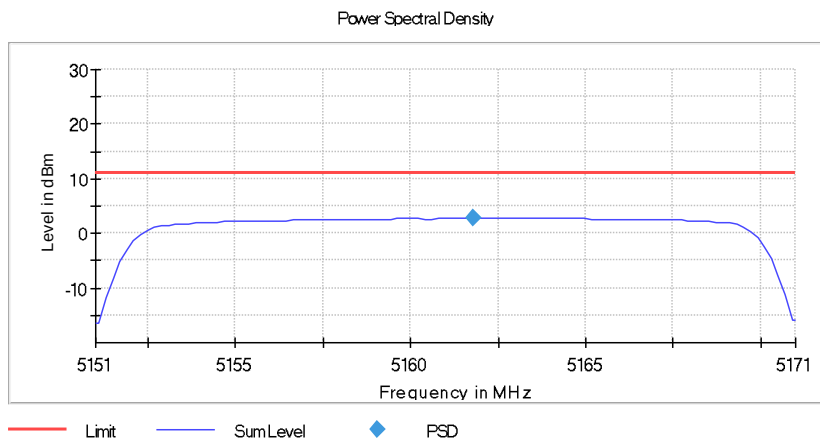
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5161.000000         | 5161.792079     | 2.753     | 11.0            | PASS   |

### Ports

| Port | State |
|------|-------|
| 1    | used  |



### Measurement

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| Start Frequency       | 5.15100 GHz      | 5.15100 GHz  |
| Stop Frequency        | 5.17100 GHz      | 5.17100 GHz  |
| Span                  | 20.000 MHz       | 20.000 MHz   |
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 101              | ~ 40         |
| SweepTime             | 505.000 ms       | 505.000 ms   |
| Reference Level       | 10.000 dBm       | 10.000 dBm   |
| Attenuation           | 30.000 dB        | AUTO         |
| Detector              | RMS              | RMS          |
| SweepCount            | 119              | 119          |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.30 dB          | 0.30 dB      |
| Run                   | 4 / max. 15      | max. 15      |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.03 dB          | 0.30 dB      |



## Power Spectral Density (5200 MHz; 20.000 dBm; 20 MHz)

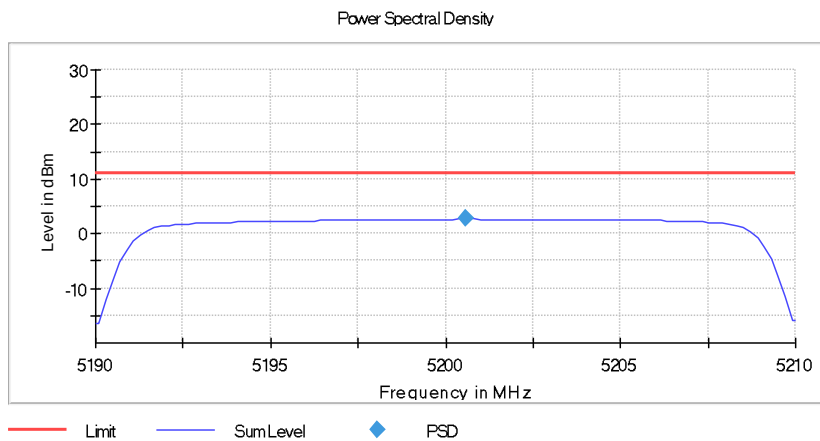
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5200.000000         | 5200.594059     | 2.689     | 11.0            | PASS   |

### Ports

| Port | State |
|------|-------|
| 1    | used  |



### Measurement

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| Start Frequency       | 5.19000 GHz      | 5.19000 GHz  |
| Stop Frequency        | 5.21000 GHz      | 5.21000 GHz  |
| Span                  | 20.000 MHz       | 20.000 MHz   |
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 101              | ~ 40         |
| SweepTime             | 505.000 ms       | 505.000 ms   |
| Reference Level       | 10.000 dBm       | 10.000 dBm   |
| Attenuation           | 30.000 dB        | AUTO         |
| Detector              | RMS              | RMS          |
| SweepCount            | 119              | 119          |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.30 dB          | 0.30 dB      |
| Run                   | 4 / max. 15      | max. 15      |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.02 dB          | 0.30 dB      |

## Power Spectral Density (5240 MHz; 20.000 dBm; 20 MHz)

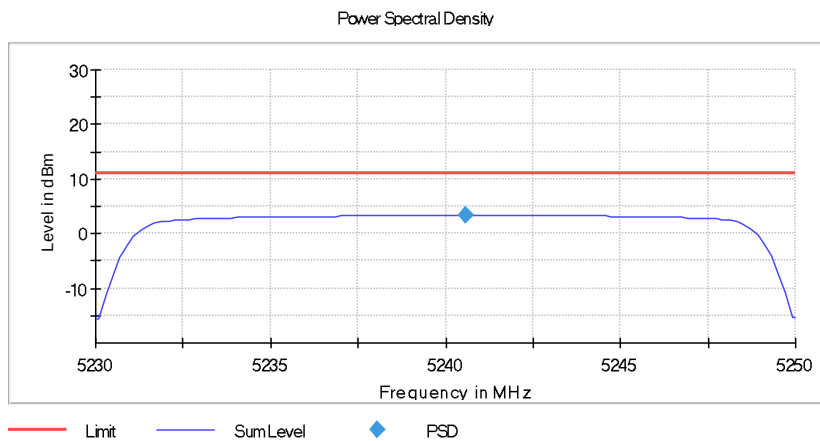
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5240.000000         | 5240.594059     | 3.389     | 11.0            | PASS   |

### Ports

| Port | State |
|------|-------|
| 1    | used  |



### Measurement

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| Start Frequency       | 5.23000 GHz      | 5.23000 GHz  |
| Stop Frequency        | 5.25000 GHz      | 5.25000 GHz  |
| Span                  | 20.000 MHz       | 20.000 MHz   |
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 101              | ~ 40         |
| SweepTime             | 505.000 ms       | 505.000 ms   |
| Reference Level       | 10.000 dBm       | 10.000 dBm   |
| Attenuation           | 30.000 dB        | AUTO         |
| Detector              | RMS              | RMS          |
| SweepCount            | 119              | 119          |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.30 dB          | 0.30 dB      |
| Run                   | 4 / max. 15      | max. 15      |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.03 dB          | 0.30 dB      |

## MIMO mode (Ant.0+3):

### Power Spectral Density (5161 MHz; 20.000 dBm; 20 MHz)

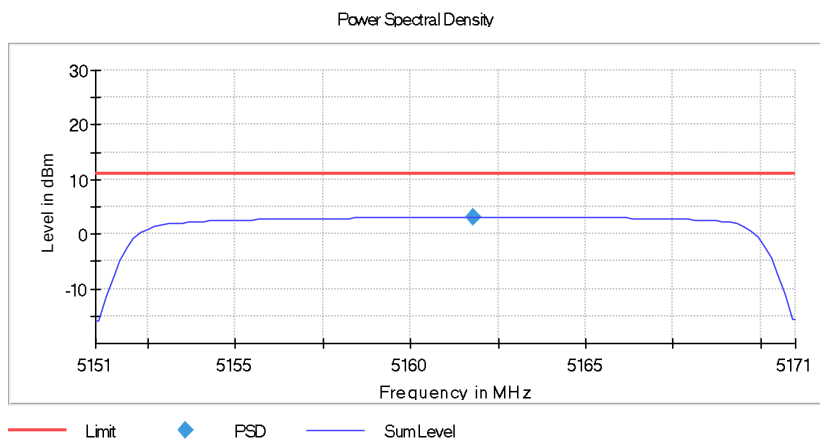
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

## Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5161.000000         | 5161.792079     | 3.126     | 11.0            | PASS   |

## Ports

| Port | State |
|------|-------|
| 1    | used  |
| 2    | used  |



## Measurement

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| Start Frequency       | 5.15100 GHz      | 5.15100 GHz  |
| Stop Frequency        | 5.17100 GHz      | 5.17100 GHz  |
| Span                  | 20.000 MHz       | 20.000 MHz   |
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 101              | ~ 40         |
| SweepTime             | 505.000 ms       | 505.000 ms   |
| Reference Level       | 10.000 dBm       | 10.000 dBm   |
| Attenuation           | 30.000 dB        | AUTO         |
| Detector              | RMS              | RMS          |
| SweepCount            | 119              | 119          |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.30 dB          | 0.30 dB      |
| Run                   | 4 / max. 15      | max. 15      |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.02 dB          | 0.30 dB      |

## Power Spectral Density (5200 MHz; 20.000 dBm; 20 MHz)

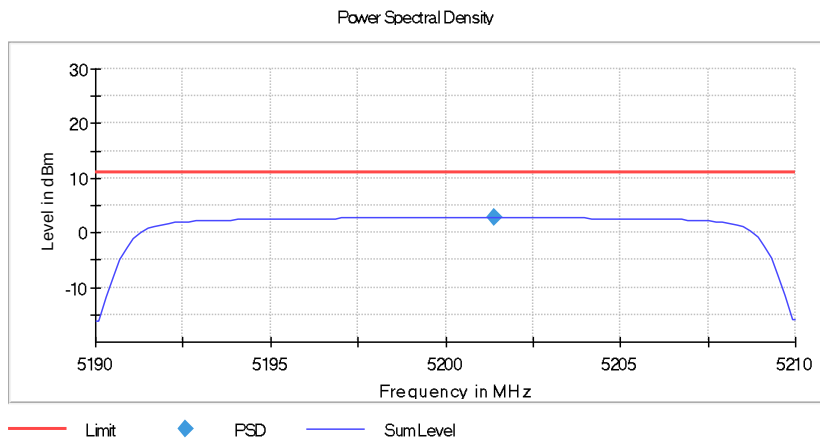
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5200.000000         | 5201.386139     | 2.828     | 11.0            | PASS   |

### Ports

| Port | State |
|------|-------|
| 1    | used  |
| 2    | used  |



### Measurement

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| Start Frequency       | 5.19000 GHz      | 5.19000 GHz  |
| Stop Frequency        | 5.21000 GHz      | 5.21000 GHz  |
| Span                  | 20.000 MHz       | 20.000 MHz   |
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 101              | ~ 40         |
| SweepTime             | 505.000 ms       | 505.000 ms   |
| Reference Level       | 10.000 dBm       | 10.000 dBm   |
| Attenuation           | 30.000 dB        | AUTO         |
| Detector              | RMS              | RMS          |
| SweepCount            | 119              | 119          |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.30 dB          | 0.30 dB      |
| Run                   | 4 / max. 15      | max. 15      |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.04 dB          | 0.30 dB      |

## Power Spectral Density (5240 MHz; 20.000 dBm; 20 MHz)

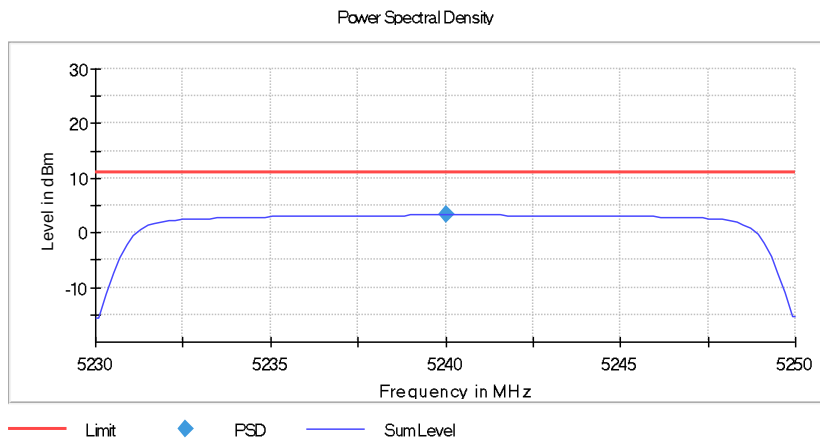
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5240.000000         | 5240.000000     | 3.285     | 11.0            | PASS   |

### Ports

| Port | State |
|------|-------|
| 1    | used  |
| 2    | used  |



### Measurement

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| Start Frequency       | 5.23000 GHz      | 5.23000 GHz  |
| Stop Frequency        | 5.25000 GHz      | 5.25000 GHz  |
| Span                  | 20.000 MHz       | 20.000 MHz   |
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 101              | ~ 40         |
| SweepTime             | 505.000 ms       | 505.000 ms   |
| Reference Level       | 10.000 dBm       | 10.000 dBm   |
| Attenuation           | 30.000 dB        | AUTO         |
| Detector              | RMS              | RMS          |
| SweepCount            | 119              | 119          |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.30 dB          | 0.30 dB      |
| Run                   | 4 / max. 15      | max. 15      |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.06 dB          | 0.30 dB      |

## 5.2GHz SDR, 40MHz BW

### SISO mode (Ant.0):

### Power Spectral Density (5170 MHz; 20.000 dBm; 40 MHz)

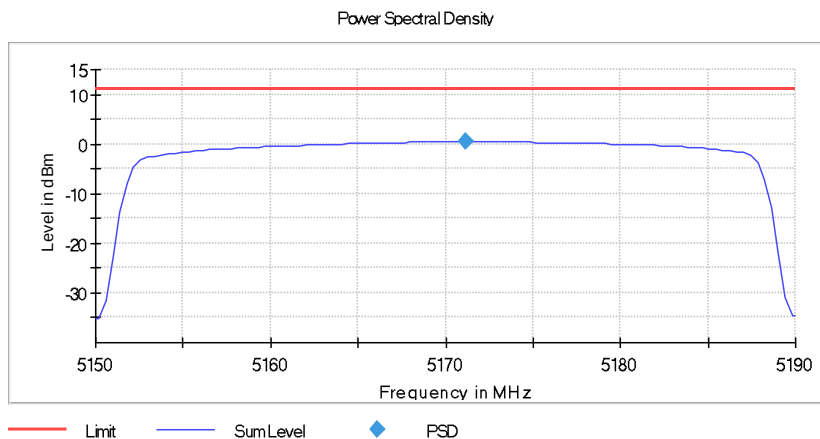
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5170.000000         | 5171.188119     | 0.487     | 11.0            | PASS   |

### Ports

| Port | State |
|------|-------|
| 1    | used  |



### Measurement

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| Start Frequency       | 5.15000 GHz      | 5.15000 GHz  |
| Stop Frequency        | 5.19000 GHz      | 5.19000 GHz  |
| Span                  | 40.000 MHz       | 40.000 MHz   |
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 101              | ~ 80         |
| SweepTime             | 505.000 ms       | 505.000 ms   |
| Reference Level       | 10.000 dBm       | 10.000 dBm   |
| Attenuation           | 30.000 dB        | AUTO         |
| Detector              | RMS              | RMS          |
| SweepCount            | 119              | 119          |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.30 dB          | 0.30 dB      |
| Run                   | 4 / max. 15      | max. 15      |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.03 dB          | 0.30 dB      |

## Power Spectral Density (5200 MHz; 20.000 dBm; 40 MHz)

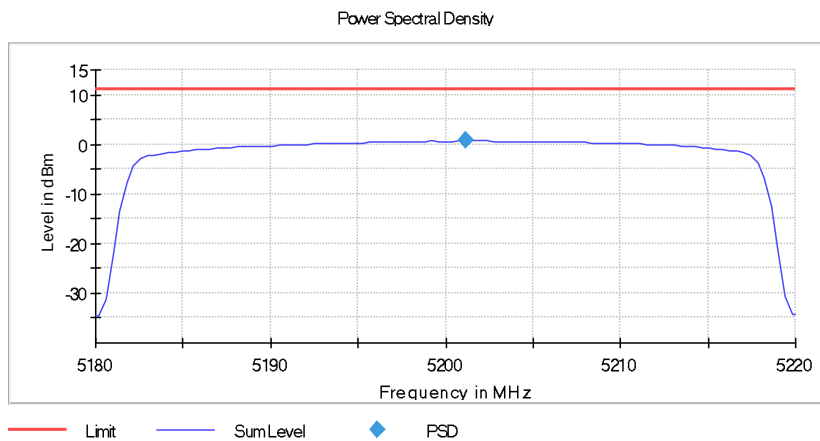
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5200.000000         | 5201.188119     | 0.681     | 11.0            | PASS   |

### Ports

| Port | State |
|------|-------|
| 1    | used  |



### Measurement

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| Start Frequency       | 5.18000 GHz      | 5.18000 GHz  |
| Stop Frequency        | 5.22000 GHz      | 5.22000 GHz  |
| Span                  | 40.000 MHz       | 40.000 MHz   |
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 101              | ~ 80         |
| SweepTime             | 505.000 ms       | 505.000 ms   |
| Reference Level       | 10.000 dBm       | 10.000 dBm   |
| Attenuation           | 30.000 dB        | AUTO         |
| Detector              | RMS              | RMS          |
| SweepCount            | 119              | 119          |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.30 dB          | 0.30 dB      |
| Run                   | 4 / max. 15      | max. 15      |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.03 dB          | 0.30 dB      |

## Power Spectral Density (5230 MHz; 20.000 dBm; 40 MHz)

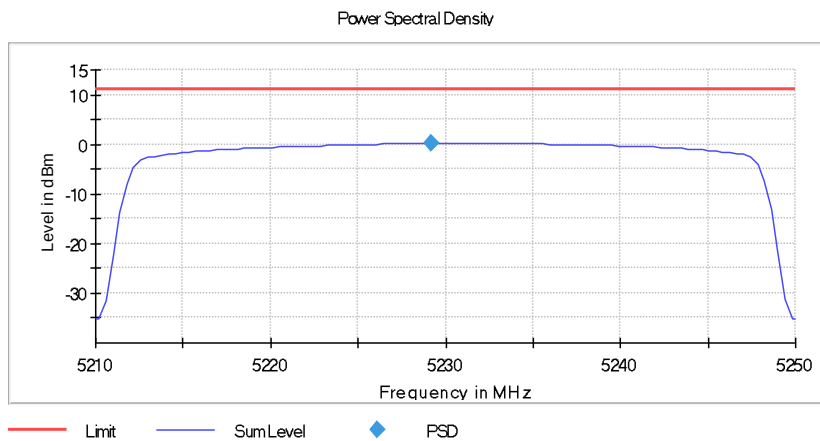
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5230.000000         | 5229.207921     | 0.273     | 11.0            | PASS   |

### Ports

| Port | State |
|------|-------|
| 1    | used  |



### Measurement

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| Start Frequency       | 5.21000 GHz      | 5.21000 GHz  |
| Stop Frequency        | 5.25000 GHz      | 5.25000 GHz  |
| Span                  | 40.000 MHz       | 40.000 MHz   |
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 101              | ~ 80         |
| SweepTime             | 505.000 ms       | 505.000 ms   |
| Reference Level       | 10.000 dBm       | 10.000 dBm   |
| Attenuation           | 30.000 dB        | AUTO         |
| Detector              | RMS              | RMS          |
| SweepCount            | 119              | 119          |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.30 dB          | 0.30 dB      |
| Run                   | 4 / max. 15      | max. 15      |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.02 dB          | 0.30 dB      |



## MIMO mode (Ant.0+3):

### Power Spectral Density (5170 MHz; 20.000 dBm; 40 MHz)

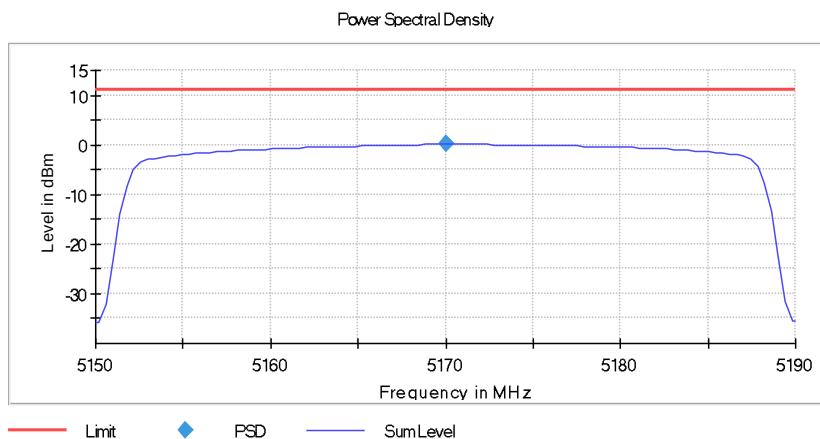
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

## Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5170.000000         | 5170.000000     | 0.086     | 11.0            | PASS   |

## Ports

| Port | State |
|------|-------|
| 1    | used  |
| 2    | used  |



## Measurement

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| Start Frequency       | 5.15000 GHz      | 5.15000 GHz  |
| Stop Frequency        | 5.19000 GHz      | 5.19000 GHz  |
| Span                  | 40.000 MHz       | 40.000 MHz   |
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 101              | ~ 80         |
| SweepTime             | 505.000 ms       | 505.000 ms   |
| Reference Level       | 10.000 dBm       | 10.000 dBm   |
| Attenuation           | 30.000 dB        | AUTO         |
| Detector              | RMS              | RMS          |
| SweepCount            | 119              | 119          |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.30 dB          | 0.30 dB      |
| Run                   | 4 / max. 15      | max. 15      |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.05 dB          | 0.30 dB      |

## Power Spectral Density (5200 MHz; 20.000 dBm; 40 MHz)

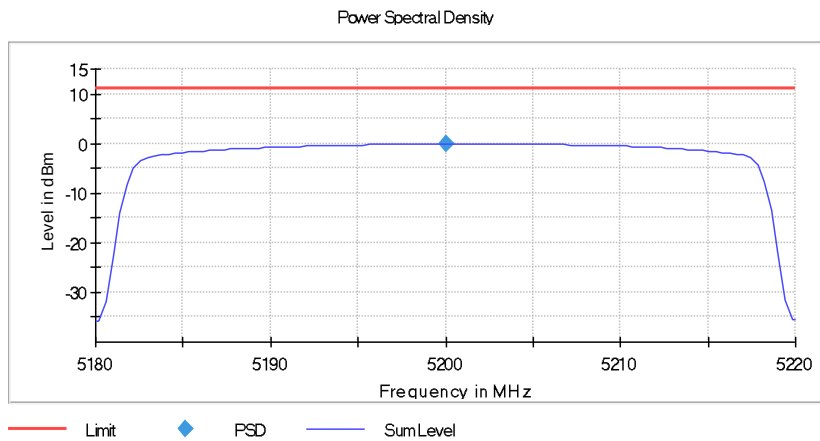
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5200.000000         | 5200.000000     | 0.035     | 11.0            | PASS   |

### Ports

| Port | State |
|------|-------|
| 1    | used  |
| 2    | used  |



### Measurement

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| Start Frequency       | 5.18000 GHz      | 5.18000 GHz  |
| Stop Frequency        | 5.22000 GHz      | 5.22000 GHz  |
| Span                  | 40.000 MHz       | 40.000 MHz   |
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 101              | ~ 80         |
| SweepTime             | 505.000 ms       | 505.000 ms   |
| Reference Level       | 10.000 dBm       | 10.000 dBm   |
| Attenuation           | 30.000 dB        | AUTO         |
| Detector              | RMS              | RMS          |
| SweepCount            | 119              | 119          |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.30 dB          | 0.30 dB      |
| Run                   | 4 / max. 15      | max. 15      |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.02 dB          | 0.30 dB      |

## Power Spectral Density (5230 MHz; 20.000 dBm; 40 MHz)

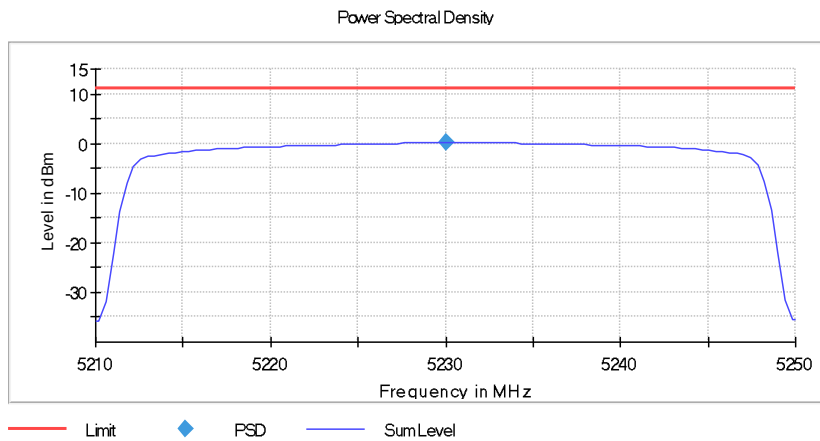
Test according to FCC title 47 part 15 §15.407(a), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.F and ANSI C63.10-2013

### Result

| DUT Frequency (MHz) | Frequency (MHz) | PSD (dBm) | Limit Max (dBm) | Result |
|---------------------|-----------------|-----------|-----------------|--------|
| 5230.000000         | 5230.000000     | 0.230     | 11.0            | PASS   |

### Ports

| Port | State |
|------|-------|
| 1    | used  |
| 2    | used  |



### Measurement

| Setting               | Instrument Value | Target Value |
|-----------------------|------------------|--------------|
| Start Frequency       | 5.21000 GHz      | 5.21000 GHz  |
| Stop Frequency        | 5.25000 GHz      | 5.25000 GHz  |
| Span                  | 40.000 MHz       | 40.000 MHz   |
| RBW                   | 1.000 MHz        | <= 1.000 MHz |
| VBW                   | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints           | 101              | ~ 80         |
| SweepTime             | 505.000 ms       | 505.000 ms   |
| Reference Level       | 10.000 dBm       | 10.000 dBm   |
| Attenuation           | 30.000 dB        | AUTO         |
| Detector              | RMS              | RMS          |
| SweepCount            | 119              | 119          |
| Filter                | 3 dB             | 3 dB         |
| Trace Mode            | Max Hold         | Max Hold     |
| SweepType             | Sweep            | AUTO         |
| Preamp                | off              | off          |
| Stablemode            | Trace            | Trace        |
| Stablevalue           | 0.30 dB          | 0.30 dB      |
| Run                   | 4 / max. 15      | max. 15      |
| Stable                | 3 / 3            | 3            |
| Max Stable Difference | 0.03 dB          | 0.30 dB      |

## Appendix A.2: Test Results of Frequency Stability

### 5.2GHz SDR, 10MHz BW

#### Frequency Error (5157 MHz; 20.000 dBm; 10 MHz)

Test according to FCC title 47 part 15 §15.407(g), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 A.3 and ANSI C63.10-2013

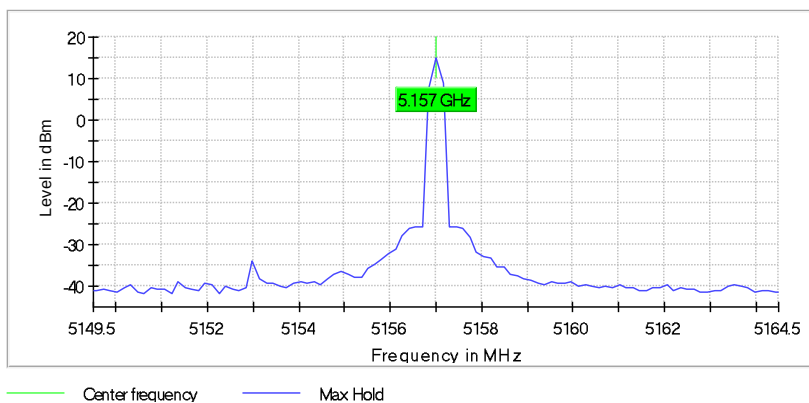
#### Result

| DUT Frequency (MHz) | Frequency (MHz) | Difference (ppm) | Frequency Difference (kHz) | Limit Min (MHz) | Limit Max (MHz) |
|---------------------|-----------------|------------------|----------------------------|-----------------|-----------------|
| 5157.000000         | 5157.004500     | 0.873            | 4.499500                   | ---             | ---             |

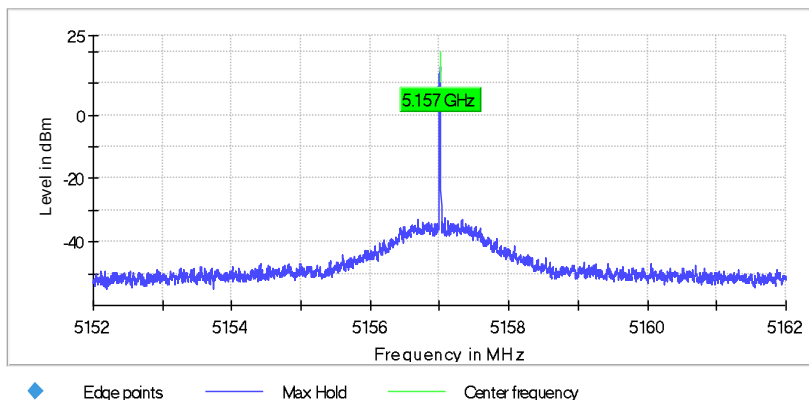
(continuation of the "Result" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5157.000000         | PASS   |

Frequency stability Pre



Frequency stability



## 5.2GHz SDR, 20MHz BW

### Frequency Error (5161 MHz; 20.000 dBm; 20 MHz)

Test according to FCC title 47 part 15 §15.407(g), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 A.3 and ANSI C63.10-2013

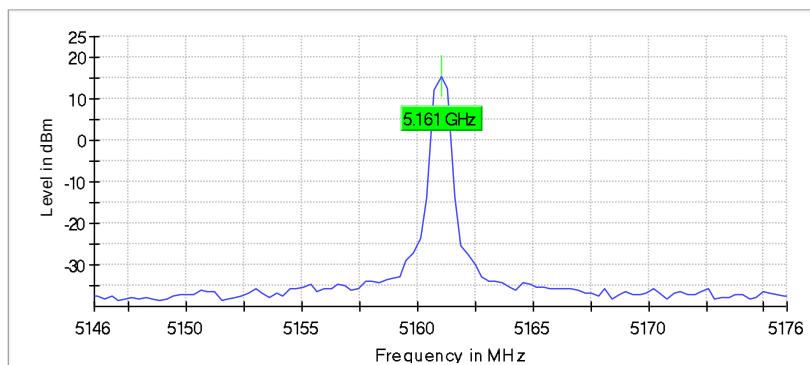
### Result

| DUT Frequency (MHz) | Frequency (MHz) | Difference (ppm) | Frequency Difference (kHz) | Limit Min (MHz) | Limit Max (MHz) |
|---------------------|-----------------|------------------|----------------------------|-----------------|-----------------|
| 5161.000000         | 5161.005000     | 0.969            | 4.999500                   | ---             | ---             |

(continuation of the "Result" table from column 6 ...)

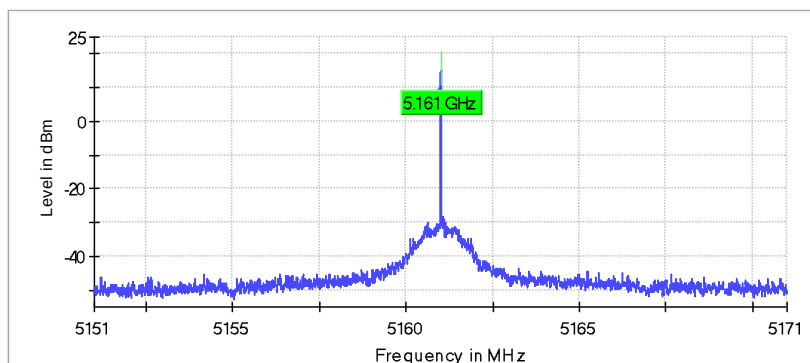
| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5161.000000         | PASS   |

Frequency stability Pre



Center frequency Max Hold

Frequency stability



Edge points Max Hold Center frequency

## 5.2GHz SDR, 40MHz BW

### Frequency Error (5170 MHz; 20.000 dBm; 40 MHz)

Test according to FCC title 47 part 15 §15.407(g), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 A.3 and ANSI C63.10-2013

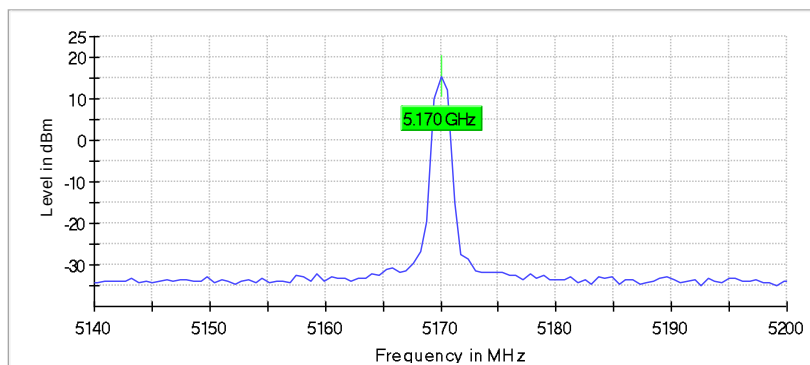
### Result

| DUT Frequency (MHz) | Frequency (MHz) | Difference (ppm) | Frequency Difference (kHz) | Limit Min (MHz) | Limit Max (MHz) |
|---------------------|-----------------|------------------|----------------------------|-----------------|-----------------|
| 5170.000000         | 5170.006000     | 1.160            | 5.999500                   | ---             | ---             |

(continuation of the "Result" table from column 6 ...)

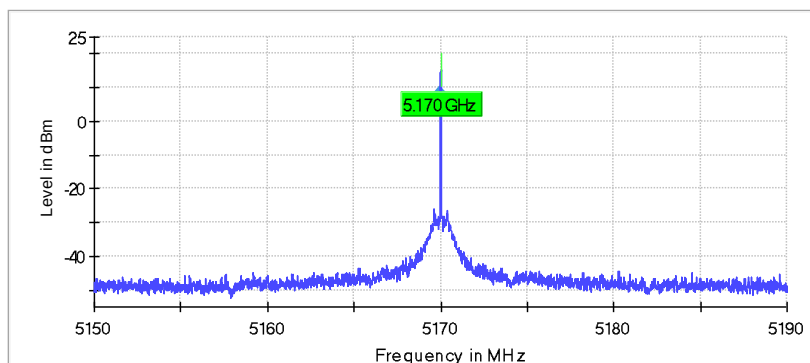
| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 5170.000000         | PASS   |

Frequency stability Pre



Center frequency Max Hold

Frequency stability



Edge points Max Hold Center frequency

## Appendix A.3: Test Results of 26dB Bandwidth

5.2GHz SDR, 10MHz BW

Emission Bandwidth 26 dB (5157 MHz; 20.000 dBm; 10 MHz)

Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

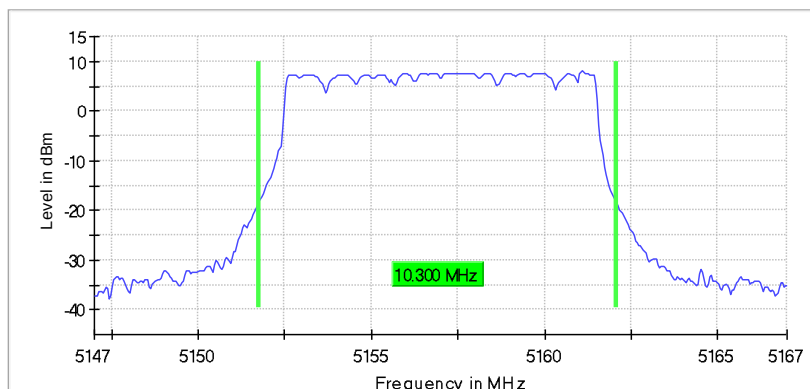
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5157.000000         | 10.300000       | ---             | ---             | 5151.775000          | 5162.075000           |

(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5157.000000         | 8.1             | PASS   |

26 dB Bandwidth



### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 5.14700 GHz      | 5.14700 GHz    |
| Stop Frequency        | 5.16700 GHz      | 5.16700 GHz    |
| Span                  | 20.000 MHz       | 20.000 MHz     |
| RBW                   | 100.000 kHz      | ~ 100.000 kHz  |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 400              | ~ 400          |
| SweepTime             | 56.953 µs        | AUTO           |
| Reference Level       | 10.000 dBm       | 10.000 dBm     |
| Attenuation           | 30.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 200              | 200            |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | FFT              | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.30 dB          | 0.30 dB        |
| Run                   | 69 / max. 150    | max. 150       |
| Stable                | 5 / 5            | 5              |
| Max Stable Difference | 0.00 dB          | 0.30 dB        |

## Emission Bandwidth 26 dB (5201 MHz; 20.000 dBm; 10 MHz)

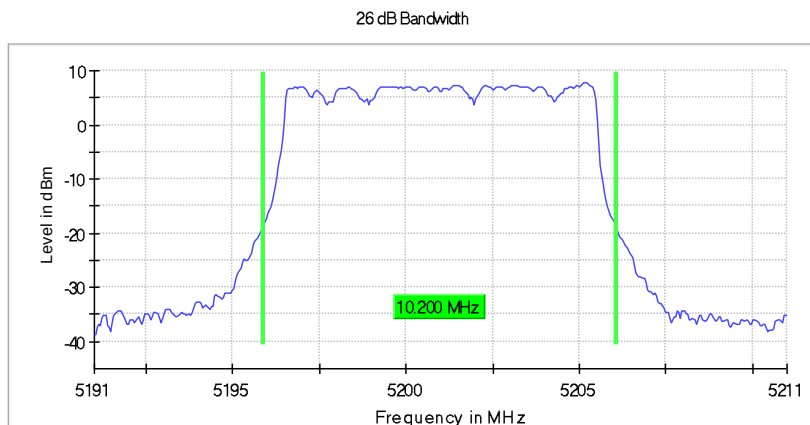
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5201.000000         | 10.200000       | ---             | ---             | 5195.875000          | 5206.075000           |

(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5201.000000         | 7.8             | PASS   |



### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 5.19100 GHz      | 5.19100 GHz    |
| Stop Frequency        | 5.21100 GHz      | 5.21100 GHz    |
| Span                  | 20.000 MHz       | 20.000 MHz     |
| RBW                   | 100.000 kHz      | ~ 100.000 kHz  |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 400              | ~ 400          |
| SweepTime             | 56.953 µs        | AUTO           |
| Reference Level       | 10.000 dBm       | 10.000 dBm     |
| Attenuation           | 30.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 200              | 200            |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | FFT              | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.30 dB          | 0.30 dB        |
| Run                   | 75 / max. 150    | max. 150       |
| Stable                | 5 / 5            | 5              |
| Max Stable Difference | 0.00 dB          | 0.30 dB        |



## Emission Bandwidth 26 dB (5245 MHz; 20.000 dBm; 10 MHz)

Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

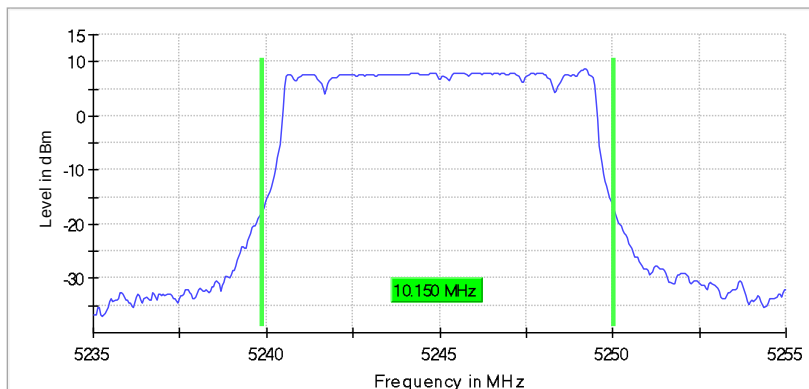
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5245.000000         | 10.150000       | ---             | ---             | 5239.875000          | 5250.025000           |

(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5245.000000         | 8.7             | PASS   |

26 dB Bandwidth



### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 5.23500 GHz      | 5.23500 GHz    |
| Stop Frequency        | 5.25500 GHz      | 5.25500 GHz    |
| Span                  | 20.000 MHz       | 20.000 MHz     |
| RBW                   | 100.000 kHz      | ~ 100.000 kHz  |
| VBW                   | 300.000 kHz      | >= 300.000 kHz |
| SweepPoints           | 400              | ~ 400          |
| SweepTime             | 56.953 µs        | AUTO           |
| Reference Level       | 10.000 dBm       | 10.000 dBm     |
| Attenuation           | 30.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 200              | 200            |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | FFT              | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.30 dB          | 0.30 dB        |
| Run                   | 89 / max. 150    | max. 150       |
| Stable                | 5 / 5            | 5              |
| Max Stable Difference | 0.00 dB          | 0.30 dB        |

## 5.2GHz SDR, 20MHz BW

### Emission Bandwidth 26 dB (5161 MHz; 20.000 dBm; 20 MHz)

Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

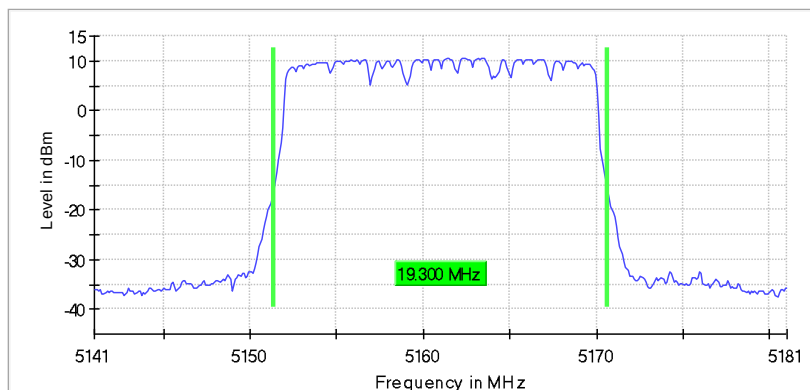
#### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5161.000000         | 19.300000       | ---             | ---             | 5151.350000          | 5170.650000           |

(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5161.000000         | 10.6            | PASS   |

26 dB Bandwidth



#### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 5.14100 GHz      | 5.14100 GHz    |
| Stop Frequency        | 5.18100 GHz      | 5.18100 GHz    |
| Span                  | 40.000 MHz       | 40.000 MHz     |
| RBW                   | 200.000 kHz      | ~ 200.000 kHz  |
| VBW                   | 1.000 MHz        | >= 600.000 kHz |
| SweepPoints           | 400              | ~ 400          |
| SweepTime             | 47.266 µs        | AUTO           |
| Reference Level       | 10.000 dBm       | 10.000 dBm     |
| Attenuation           | 30.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 200              | 200            |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | FFT              | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.30 dB          | 0.30 dB        |
| Run                   | 90 / max. 150    | max. 150       |
| Stable                | 5 / 5            | 5              |
| Max Stable Difference | 0.00 dB          | 0.30 dB        |

## Emission Bandwidth 26 dB (5200 MHz; 20.000 dBm; 20 MHz)

Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

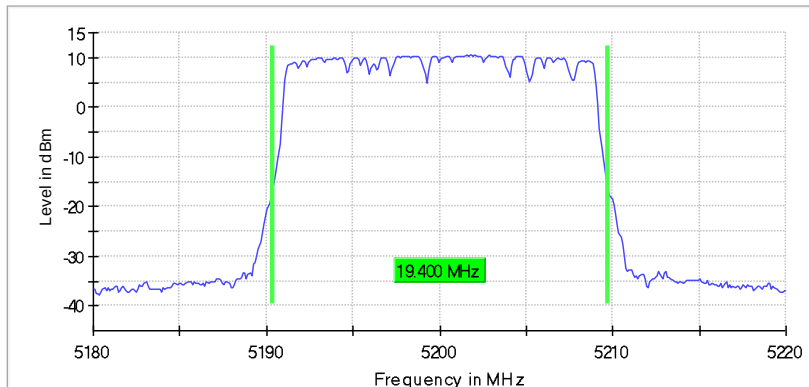
### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5200.000000         | 19.400000       | ---             | ---             | 5190.350000          | 5209.750000           |

(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5200.000000         | 10.5            | PASS   |

26 dB Bandwidth



### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 5.18000 GHz      | 5.18000 GHz    |
| Stop Frequency        | 5.22000 GHz      | 5.22000 GHz    |
| Span                  | 40.000 MHz       | 40.000 MHz     |
| RBW                   | 200.000 kHz      | ~ 200.000 kHz  |
| VBW                   | 1.000 MHz        | >= 600.000 kHz |
| SweepPoints           | 400              | ~ 400          |
| SweepTime             | 47.266 µs        | AUTO           |
| Reference Level       | 10.000 dBm       | 10.000 dBm     |
| Attenuation           | 30.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 200              | 200            |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | FFT              | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.30 dB          | 0.30 dB        |
| Run                   | 88 / max. 150    | max. 150       |
| Stable                | 5 / 5            | 5              |
| Max Stable Difference | 0.21 dB          | 0.30 dB        |

## Emission Bandwidth 26 dB (5240 MHz; 20.000 dBm; 20 MHz)

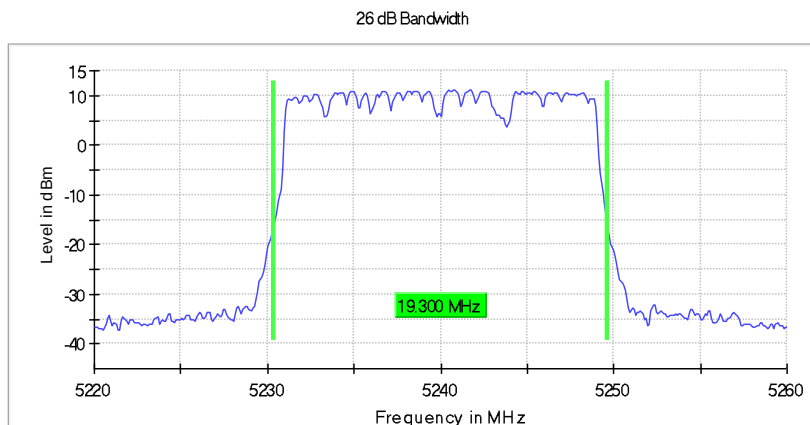
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5240.000000         | 19.300000       | ---             | ---             | 5230.350000          | 5249.650000           |

(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5240.000000         | 11.1            | PASS   |



### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 5.22000 GHz      | 5.22000 GHz    |
| Stop Frequency        | 5.26000 GHz      | 5.26000 GHz    |
| Span                  | 40.000 MHz       | 40.000 MHz     |
| RBW                   | 200.000 kHz      | ~ 200.000 kHz  |
| VBW                   | 1.000 MHz        | >= 600.000 kHz |
| SweepPoints           | 400              | ~ 400          |
| SweepTime             | 47.266 µs        | AUTO           |
| Reference Level       | 10.000 dBm       | 10.000 dBm     |
| Attenuation           | 30.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 200              | 200            |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | FFT              | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.30 dB          | 0.30 dB        |
| Run                   | 60 / max. 150    | max. 150       |
| Stable                | 5 / 5            | 5              |
| Max Stable Difference | 0.00 dB          | 0.30 dB        |

## 5.2GHz SDR, 40MHz BW

### Emission Bandwidth 26 dB (5170 MHz; 20.000 dBm; 40 MHz)

Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

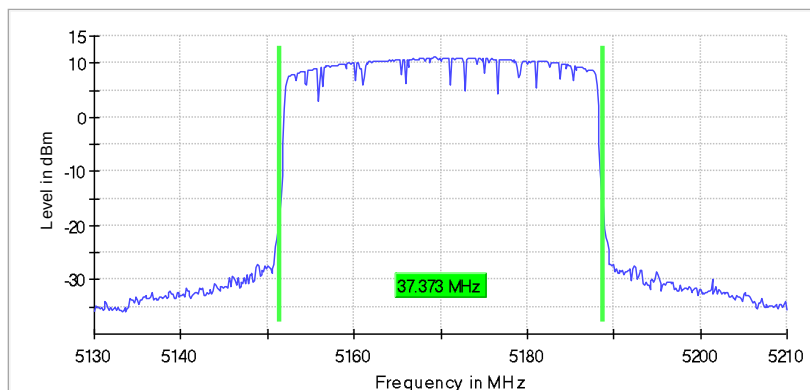
#### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5170.000000         | 37.373358       | ---             | ---             | 5151.388368          | 5188.761726           |

(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5170.000000         | 11.2            | PASS   |

26 dB Bandwidth



#### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 5.13000 GHz      | 5.13000 GHz    |
| Stop Frequency        | 5.21000 GHz      | 5.21000 GHz    |
| Span                  | 80.000 MHz       | 80.000 MHz     |
| RBW                   | 300.000 kHz      | ~ 400.000 kHz  |
| VBW                   | 1.000 MHz        | >= 900.000 kHz |
| SweepPoints           | 533              | ~ 533          |
| SweepTime             | 1.000 ms         | AUTO           |
| Reference Level       | 10.000 dBm       | 10.000 dBm     |
| Attenuation           | 30.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 200              | 200            |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.30 dB          | 0.30 dB        |
| Run                   | 100 / max. 150   | max. 150       |
| Stable                | 5 / 5            | 5              |
| Max Stable Difference | 0.00 dB          | 0.30 dB        |

## Emission Bandwidth 26 dB (5200 MHz; 20.000 dBm; 40 MHz)

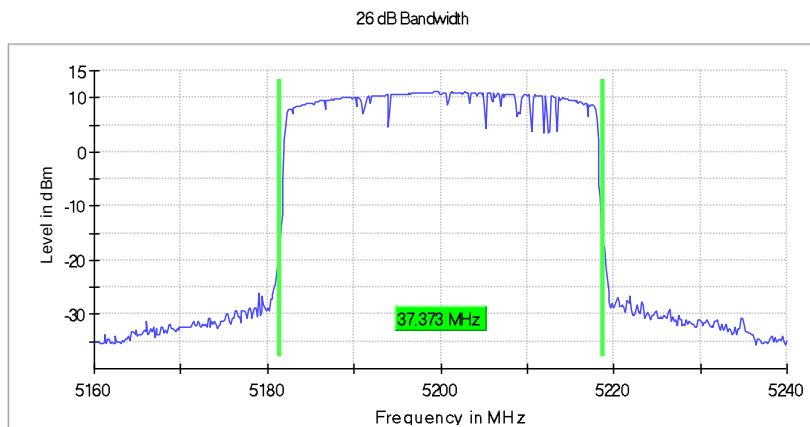
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5200.000000         | 37.373358       | ---             | ---             | 5181.388368          | 5218.761726           |

(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5200.000000         | 11.3            | PASS   |



### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 5.16000 GHz      | 5.16000 GHz    |
| Stop Frequency        | 5.24000 GHz      | 5.24000 GHz    |
| Span                  | 80.000 MHz       | 80.000 MHz     |
| RBW                   | 300.000 kHz      | ~ 400.000 kHz  |
| VBW                   | 1.000 MHz        | >= 900.000 kHz |
| SweepPoints           | 533              | ~ 533          |
| SweepTime             | 1.000 ms         | AUTO           |
| Reference Level       | 10.000 dBm       | 10.000 dBm     |
| Attenuation           | 30.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 200              | 200            |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.30 dB          | 0.30 dB        |
| Run                   | 101 / max. 150   | max. 150       |
| Stable                | 5 / 5            | 5              |
| Max Stable Difference | 0.01 dB          | 0.30 dB        |

## Emission Bandwidth 26 dB (5230 MHz; 20.000 dBm; 40 MHz)

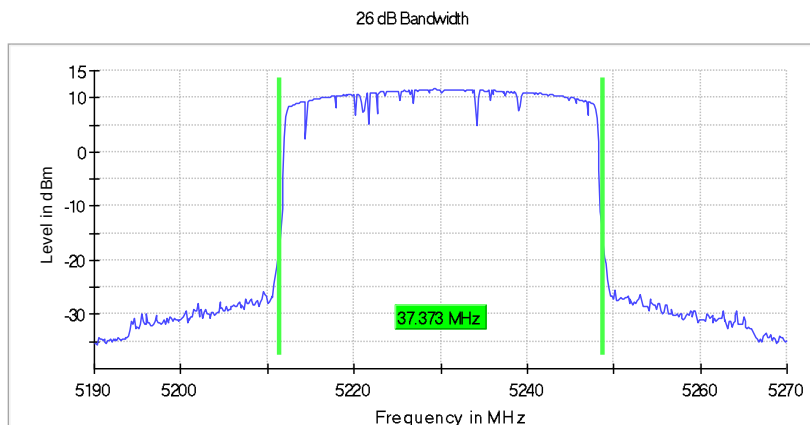
Test according to FCC title 47 part 15 §15.407(a),(e), KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 D and ANSI C63.10-2013

### 26 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 5230.000000         | 37.373358       | ---             | ---             | 5211.388368          | 5248.761726           |

(continuation of the "26 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 5230.000000         | 11.7            | PASS   |



### Measurement

| Setting               | Instrument Value | Target Value   |
|-----------------------|------------------|----------------|
| Start Frequency       | 5.19000 GHz      | 5.19000 GHz    |
| Stop Frequency        | 5.27000 GHz      | 5.27000 GHz    |
| Span                  | 80.000 MHz       | 80.000 MHz     |
| RBW                   | 300.000 kHz      | ~ 400.000 kHz  |
| VBW                   | 1.000 MHz        | >= 900.000 kHz |
| SweepPoints           | 533              | ~ 533          |
| SweepTime             | 1.000 ms         | AUTO           |
| Reference Level       | 10.000 dBm       | 10.000 dBm     |
| Attenuation           | 30.000 dB        | AUTO           |
| Detector              | MaxPeak          | MaxPeak        |
| SweepCount            | 200              | 200            |
| Filter                | 3 dB             | 3 dB           |
| Trace Mode            | Max Hold         | Max Hold       |
| SweepType             | Sweep            | AUTO           |
| Preamp                | off              | off            |
| Stablemode            | Trace            | Trace          |
| Stablevalue           | 0.30 dB          | 0.30 dB        |
| Run                   | 110 / max. 150   | max. 150       |
| Stable                | 5 / 5            | 5              |
| Max Stable Difference | 0.17 dB          | 0.30 dB        |

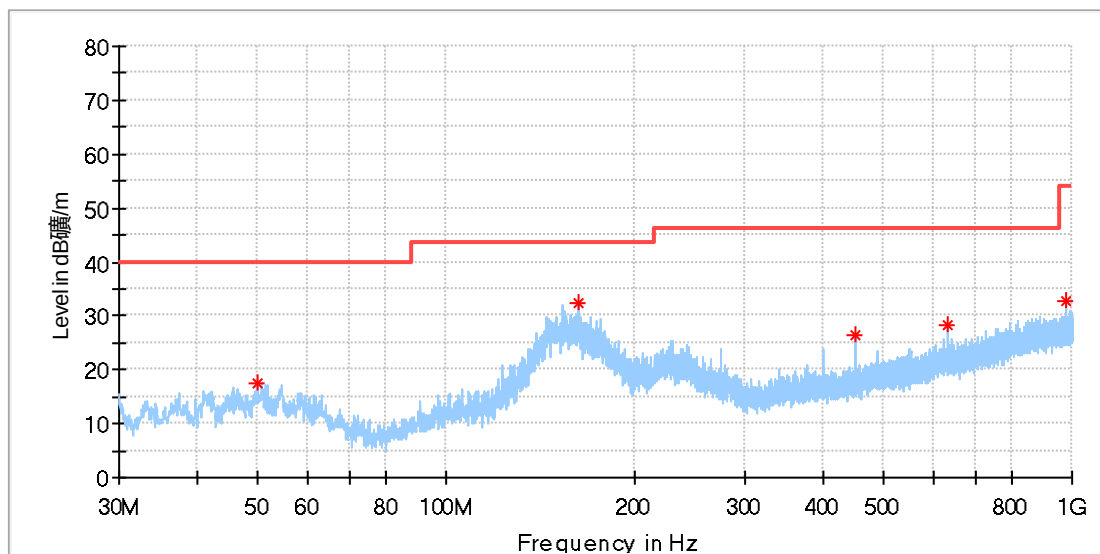
## Appendix A.4: Test Results of Radiated Spurious Emissions

Note:1, Testing is carried out with frequency rang 9kHz to the tenth harmonics.  
2, The margin is greater than 20 dB are not shown in this Appendix.

30MHz - 1GHz (Worst case)

### EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Matrice 30               |
| Model:              | M30 RTK                  |
| Test Mode:          | SDR 5.2G_40M_5200MHz     |
| Order No/Sample No: | 168413415/A003459613-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:53%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



### Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 49.933500       | 17.45            | 40.00          | 22.55       | 100.0       | H   | 319.0         | -18.3        |
| 162.453500      | 32.42            | 43.50          | 11.08       | 100.0       | H   | 177.0         | -21.6        |
| 450.010000      | 26.40            | 46.00          | 19.60       | 100.0       | H   | 85.0          | -12.9        |
| 633.000500      | 28.19            | 46.00          | 17.81       | 100.0       | H   | 10.0          | -9.4         |
| 980.503000      | 32.61            | 54.00          | 21.39       | 100.0       | H   | 0.0           | -4.0         |

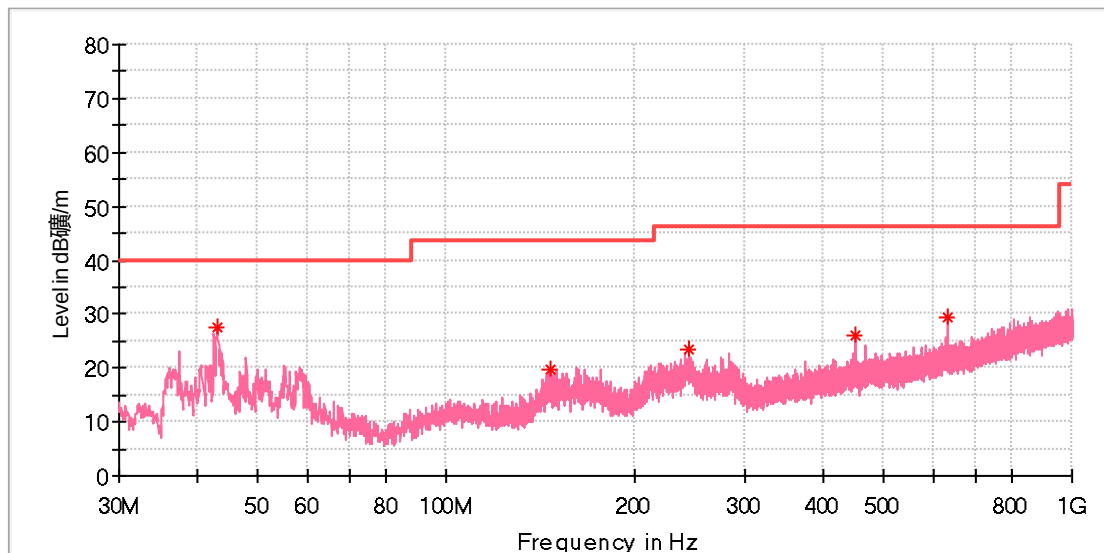
### Final Result

| Frequency (MHz) | QuasiPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---                | ---            | ---         | ---         |     | ---           | ---          |



## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_40M\_5200MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 43.046500       | 27.43            | 40.00          | 12.57       | 100.0       | V   | 311.0         | -19.3        |
| 146.739500      | 19.73            | 43.50          | 23.77       | 100.0       | V   | 204.0         | -22.2        |
| 243.691000      | 23.61            | 46.00          | 22.39       | 100.0       | V   | 145.0         | -17.6        |
| 450.010000      | 26.06            | 46.00          | 19.94       | 100.0       | V   | 6.0           | -12.9        |
| 633.000500      | 29.25            | 46.00          | 16.75       | 100.0       | V   | 0.0           | -9.4         |

## Final Result

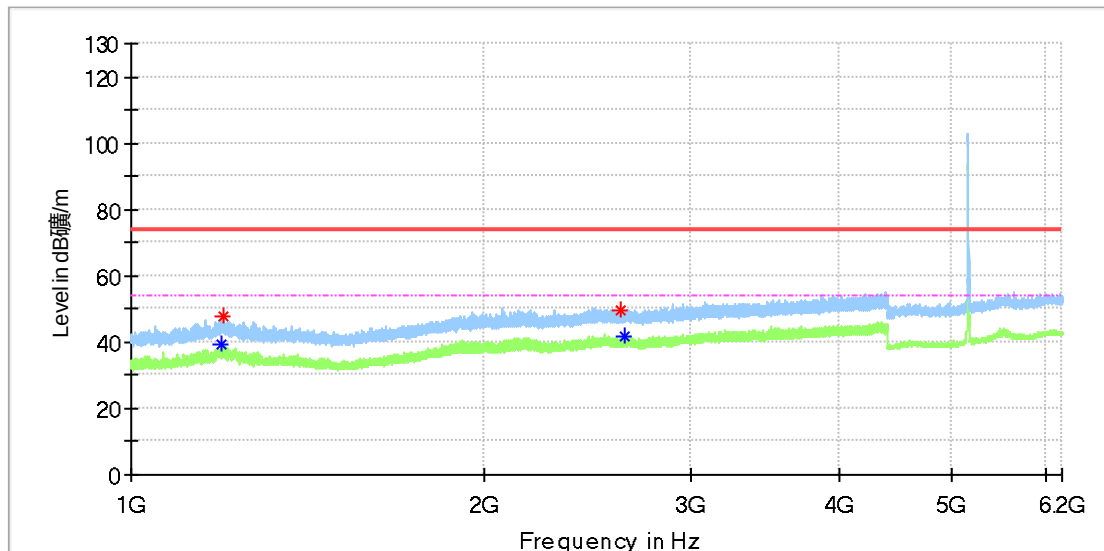
| Frequency (MHz) | QuasiPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---                | ---            | ---         | ---         | --- | ---           | ---          |

## 1GHz - 18GHz

Note: The highest waveform in the figure is 5.2GHz SDR Fundamental.

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Matrice 30               |
| Model:              | M30 RTK                  |
| Test Mode:          | SDR 5.2G_10M_5157MHz     |
| Order No/Sample No: | 168413415/A003459613-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:53%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

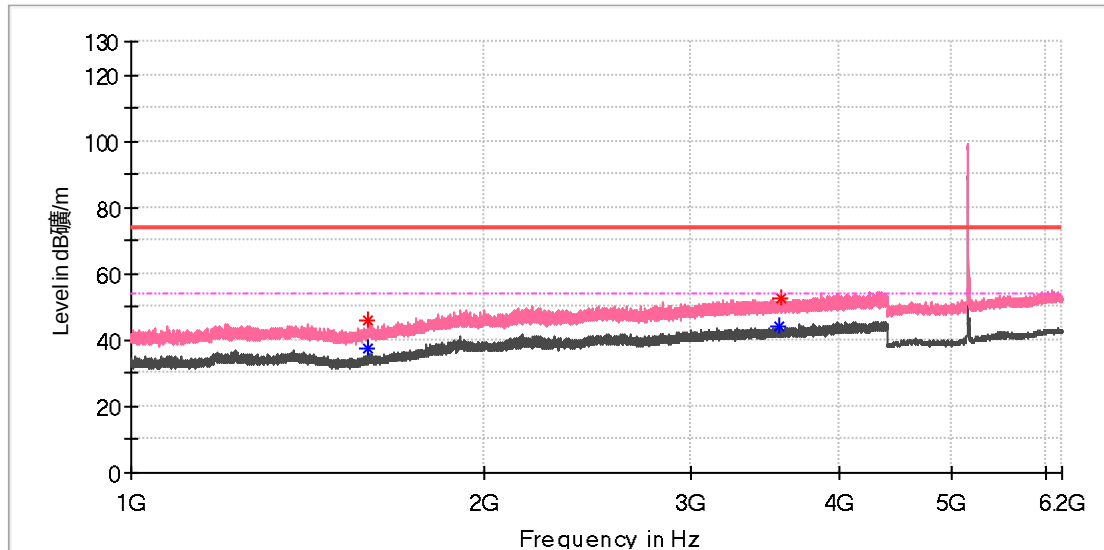
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1195.670000     | ---              | 39.02            | 54.00          | 14.98       | 150.0       | H   | 94.0          | 1.1          |
| 1198.560000     | 47.89            | ---              | 74.00          | 26.11       | 150.0       | H   | 198.0         | 1.1          |
| 2614.320000     | 49.50            | ---              | 74.00          | 24.50       | 150.0       | H   | 359.0         | 7.4          |
| 2627.410000     | ---              | 41.99            | 54.00          | 12.01       | 150.0       | H   | 312.0         | 7.5          |

## Final\_Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_10M\_5157MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

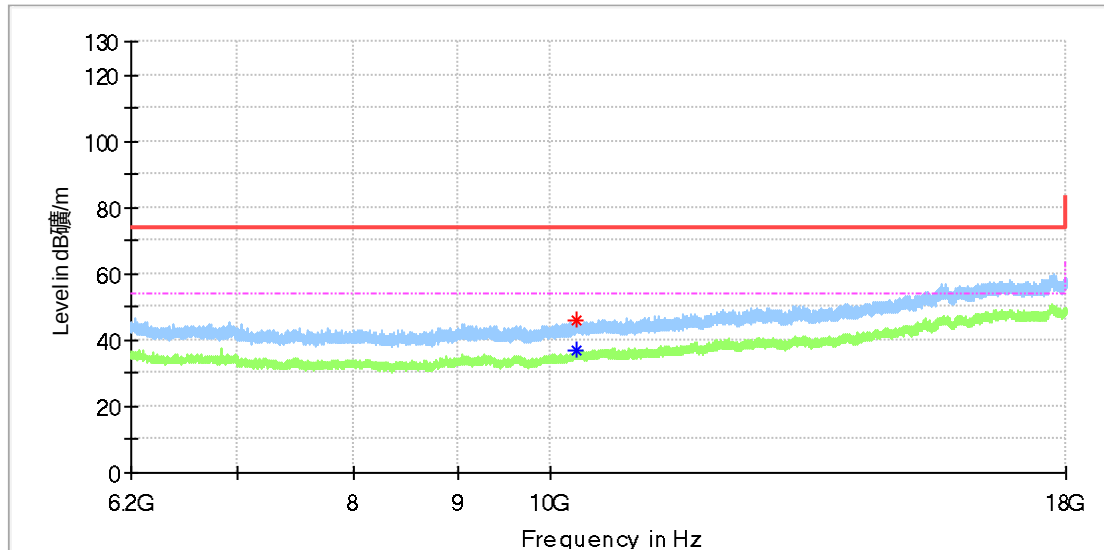
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1592.960000     | 45.87            | ---              | 74.00          | 28.13       | 150.0       | V   | 98.0          | 2.0          |
| 1592.960000     | ---              | 37.77            | 54.00          | 16.23       | 150.0       | V   | 98.0          | 2.0          |
| 3556.970000     | ---              | 44.23            | 54.00          | 9.77        | 150.0       | V   | 76.0          | 9.2          |
| 3570.910000     | 52.31            | ---              | 74.00          | 21.69       | 150.0       | V   | 354.0         | 9.2          |

## Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_10M\_5157MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

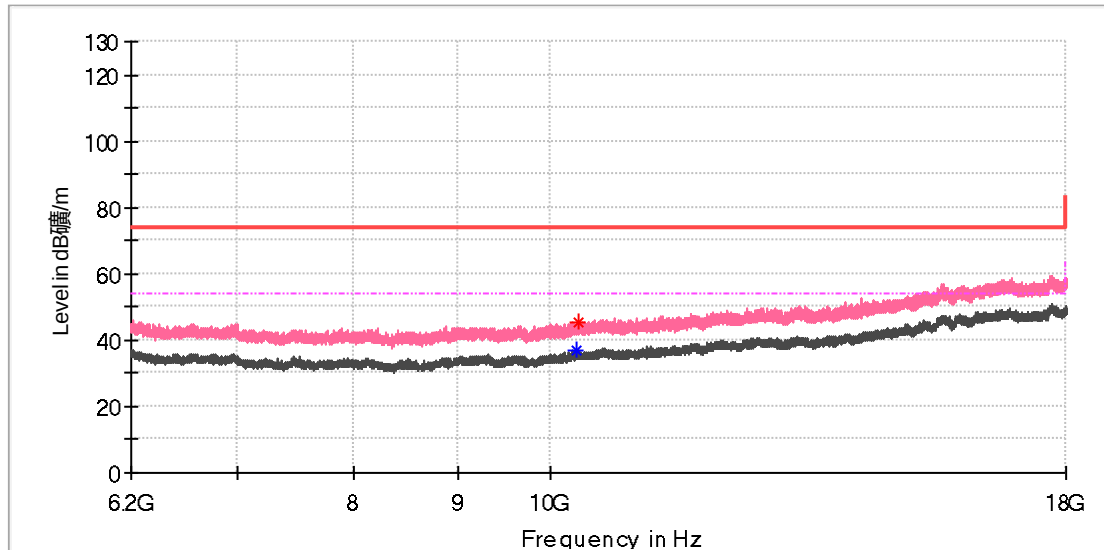
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 10301.975000    | 46.09            | ---              | 74.00          | 27.91       | 150.0       | H   | 146.0         | 11.6         |
| 10311.808333    | ---              | 36.81            | 54.00          | 17.19       | 150.0       | H   | 323.0         | 11.6         |

## Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_10M\_5157MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

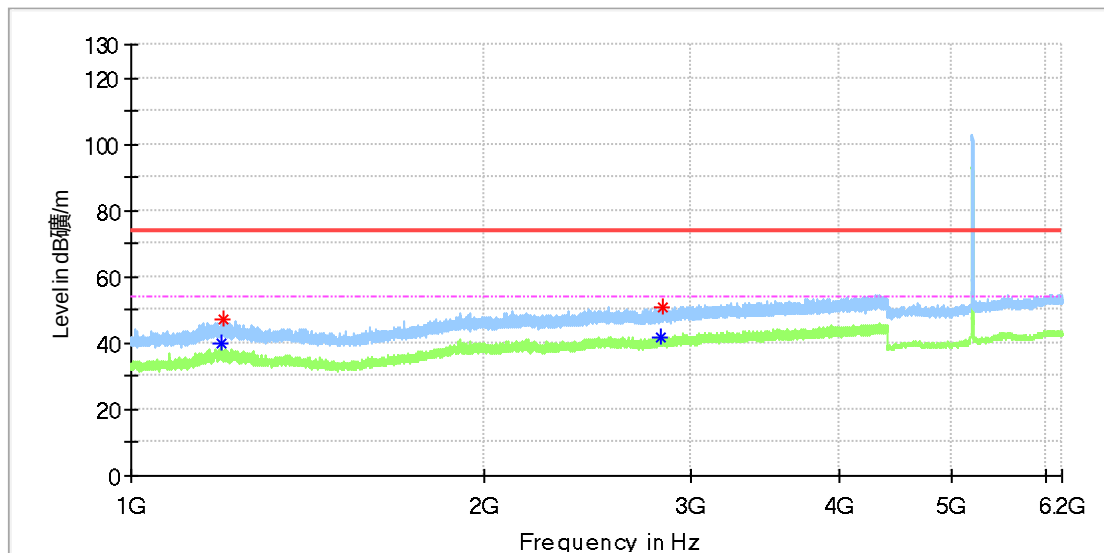
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 10305.416667    | ---              | 36.82            | 54.00          | 17.18       | 150.0       | V   | 5.0           | 11.6         |
| 10329.508333    | 45.65            | ---              | 74.00          | 28.35       | 150.0       | V   | 70.0          | 11.7         |

## Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_10M\_5201MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

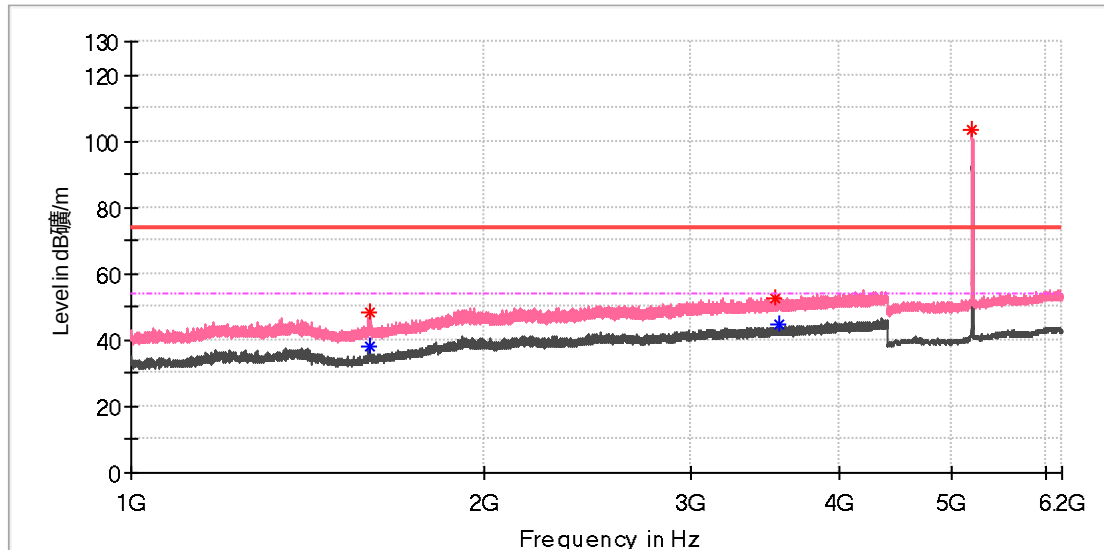
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1193.970000     | ---              | 39.97            | 54.00          | 14.03       | 150.0       | H   | 149.0         | 1.1          |
| 1197.710000     | 46.94            | ---              | 74.00          | 27.06       | 150.0       | H   | 209.0         | 1.1          |
| 2828.520000     | ---              | 41.91            | 54.00          | 12.09       | 150.0       | H   | 159.0         | 8.1          |
| 2832.430000     | 50.64            | ---              | 74.00          | 23.36       | 150.0       | H   | 229.0         | 8.1          |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_10M\_5201MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

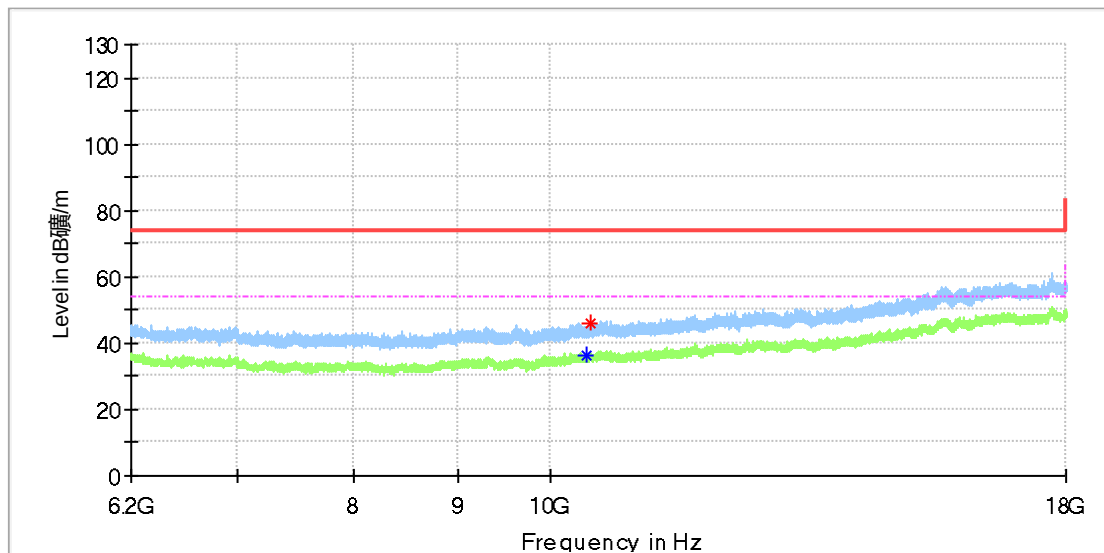
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1597.720000     | ---              | 38.08            | 54.00          | 15.92       | 150.0       | V   | 279.0         | 2.1          |
| 1599.760000     | 48.09            | ---              | 74.00          | 25.91       | 150.0       | V   | 249.0         | 2.1          |
| 3533.510000     | 52.83            | ---              | 74.00          | 21.17       | 100.0       | V   | 248.0         | 9.1          |
| 3557.480000     | ---              | 44.45            | 54.00          | 9.55        | 100.0       | V   | 113.0         | 9.2          |
| 5199.500000     | 103.18           | ---              | ---            | ---         | 150.0       | V   | 92.0          | 12.6         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_10M\_5201MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 10426.858333    | ---              | 36.50            | 54.00          | 17.50       | 150.0       | H   | 305.0         | 11.9         |
| 10459.308333    | 45.82            | ---              | 74.00          | 28.18       | 150.0       | H   | 319.0         | 12.0         |

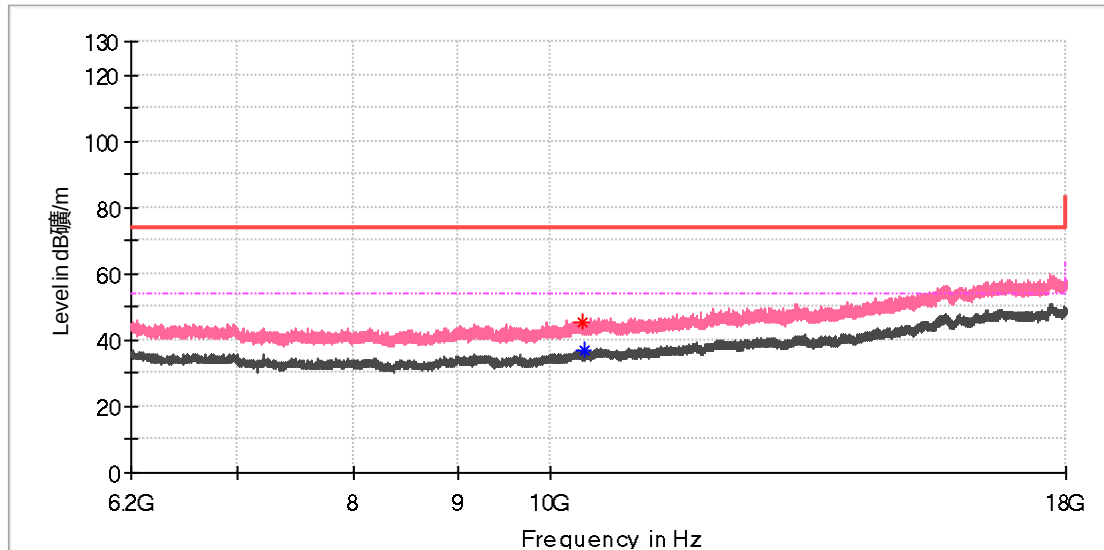
## Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |



## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_10M\_5201MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

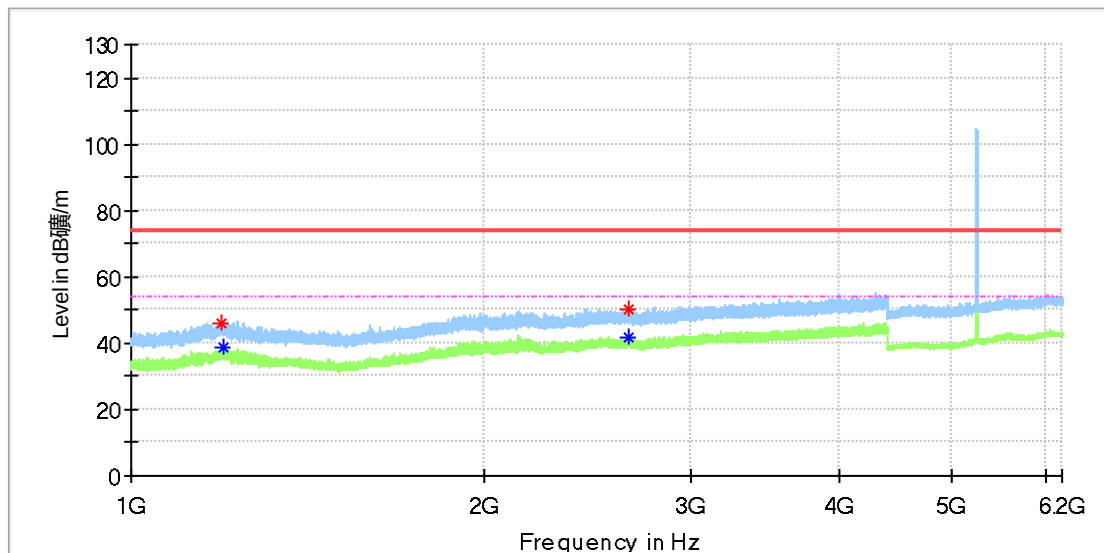
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 10382.116667    | 45.64            | ---              | 74.00          | 28.36       | 150.0       | V   | 162.0         | 11.9         |
| 10401.291667    | ---              | 36.73            | 54.00          | 17.27       | 150.0       | V   | 239.0         | 11.9         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_10M\_5245MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

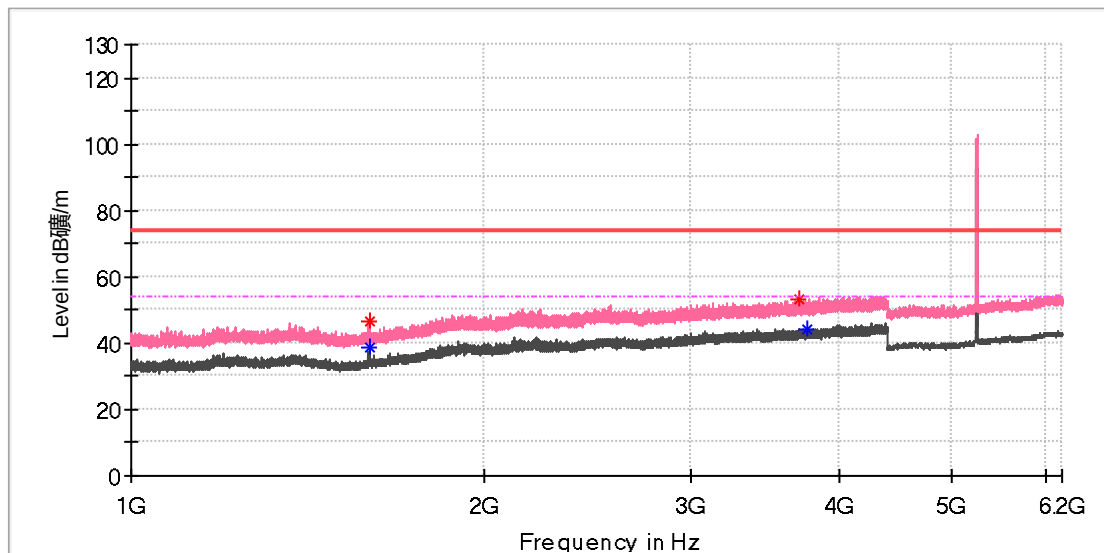
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1194.990000     | 46.22            | ---              | 74.00          | 27.78       | 150.0       | H   | 229.0         | 1.1          |
| 1196.180000     | ---              | 38.64            | 54.00          | 15.36       | 150.0       | H   | 178.0         | 1.1          |
| 2648.660000     | ---              | 41.92            | 54.00          | 12.08       | 150.0       | H   | 52.0          | 7.6          |
| 2650.360000     | 50.11            | ---              | 74.00          | 23.89       | 150.0       | H   | 120.0         | 7.6          |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_10M\_5245MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

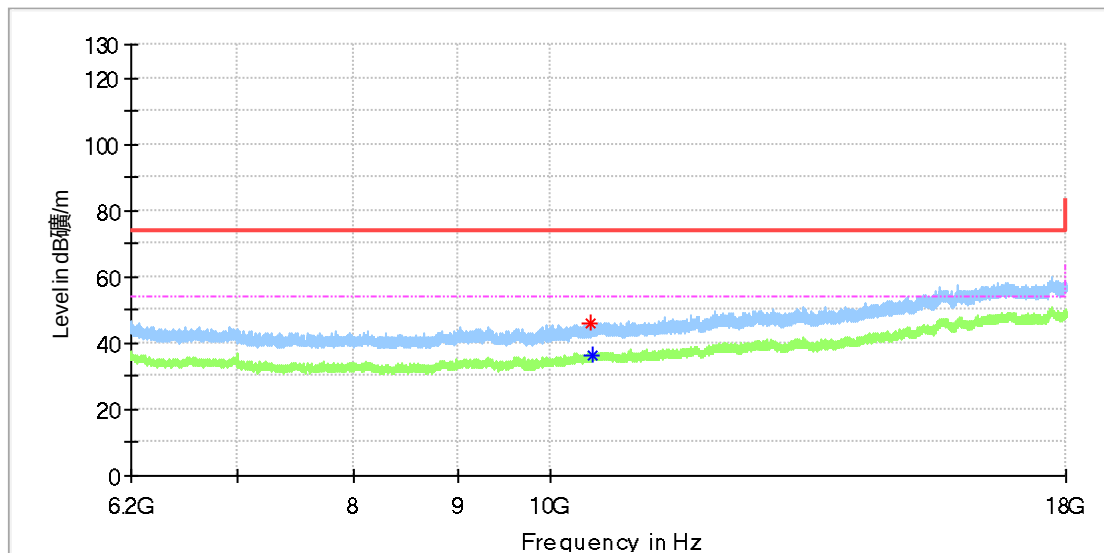
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1597.380000     | 46.63            | ---              | 74.00          | 27.37       | 150.0       | V   | 273.0         | 2.1          |
| 1598.910000     | ---              | 38.99            | 54.00          | 15.01       | 150.0       | V   | 284.0         | 2.1          |
| 3699.090000     | 53.23            | ---              | 74.00          | 20.77       | 150.0       | V   | 284.0         | 9.6          |
| 3761.140000     | ---              | 44.04            | 54.00          | 9.96        | 150.0       | V   | 0.0           | 9.7          |

## Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_10M\_5245MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

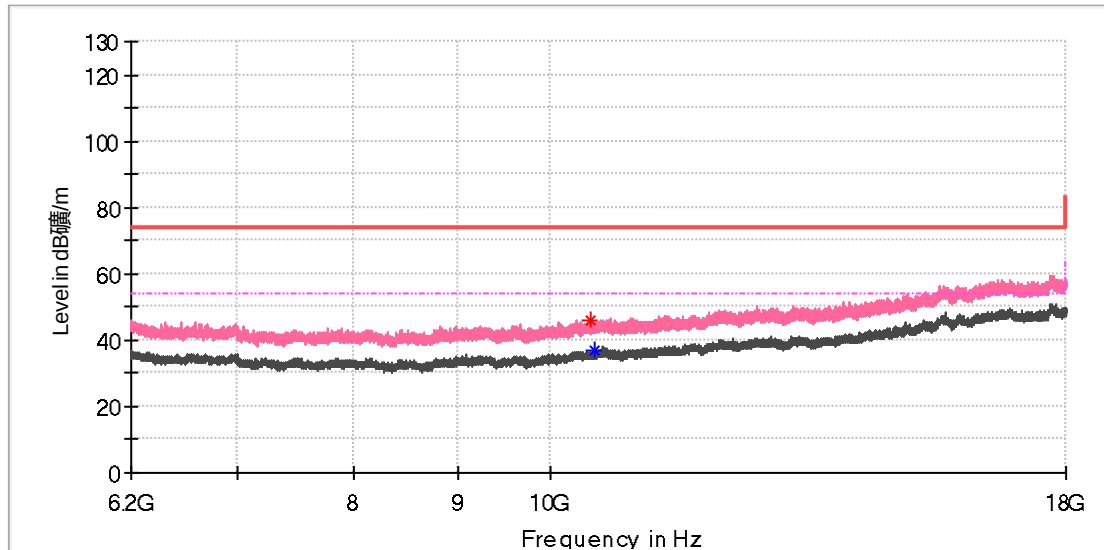
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 10468.158333    | 46.04            | ---              | 74.00          | 27.96       | 150.0       | H   | 214.0         | 12.0         |
| 10501.591667    | ---              | 36.50            | 54.00          | 17.50       | 150.0       | H   | 246.0         | 12.0         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_10M\_5245MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

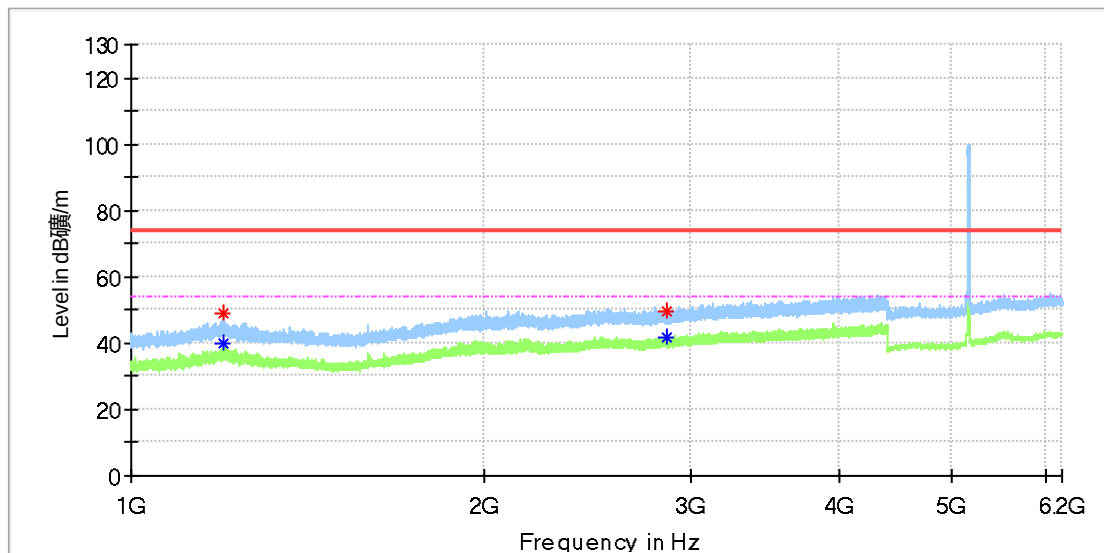
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 10477.008333    | 46.05            | ---              | 74.00          | 27.96       | 150.0       | V   | 2.0           | 12.0         |
| 10515.850000    | ---              | 36.84            | 54.00          | 17.16       | 150.0       | V   | 0.0           | 12.0         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_20M\_5161MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

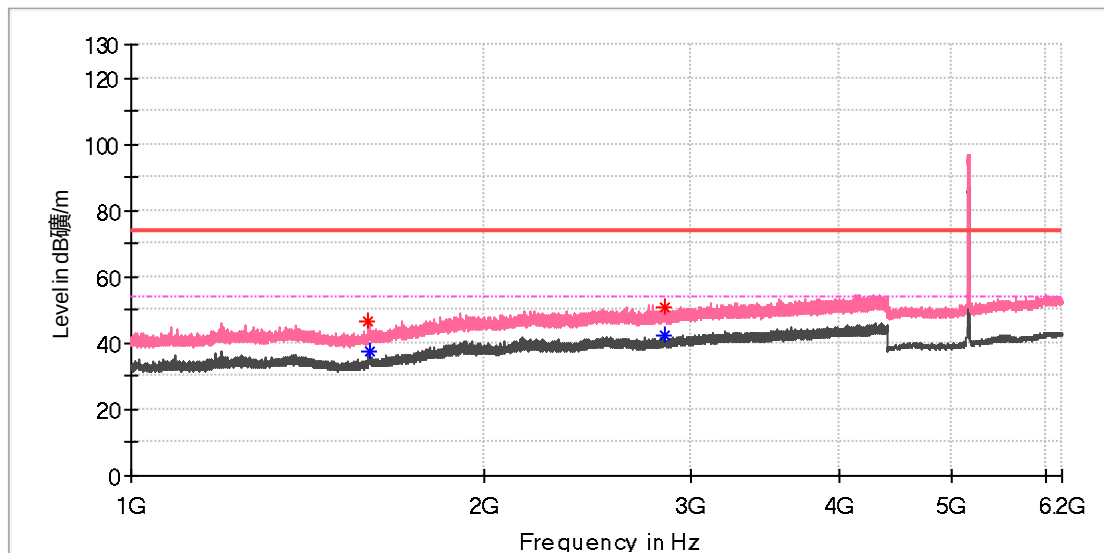
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1196.350000     | 48.91            | ---              | 74.00          | 25.09       | 150.0       | H   | 238.0         | 1.1          |
| 1199.070000     | ---              | 40.01            | 54.00          | 13.99       | 150.0       | H   | 229.0         | 1.1          |
| 2851.980000     | ---              | 41.42            | 54.00          | 12.58       | 150.0       | H   | 229.0         | 8.1          |
| 2858.270000     | 49.85            | ---              | 74.00          | 24.15       | 150.0       | H   | 311.0         | 8.2          |

## Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_20M\_5161MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

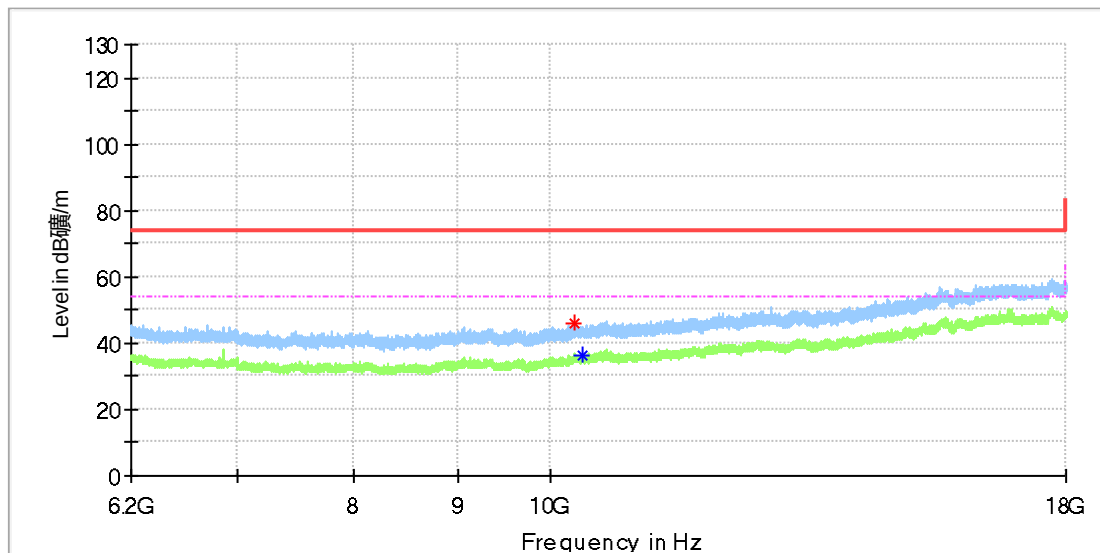
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1592.790000     | 46.55            | ---              | 74.00          | 27.45       | 150.0       | V   | 265.0         | 2.0          |
| 1596.530000     | ---              | 37.39            | 54.00          | 16.61       | 150.0       | V   | 265.0         | 2.1          |
| 2845.690000     | 50.64            | ---              | 74.00          | 23.36       | 150.0       | V   | 265.0         | 8.1          |
| 2845.690000     | ---              | 42.17            | 54.00          | 11.83       | 150.0       | V   | 265.0         | 8.1          |

## Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_20M\_5161MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 10281.325000    | 45.72            | ---              | 74.00          | 28.28       | 150.0       | H   | 24.0          | 11.5         |
| 10370.316667    | ---              | 36.14            | 54.00          | 17.86       | 150.0       | H   | 222.0         | 11.8         |

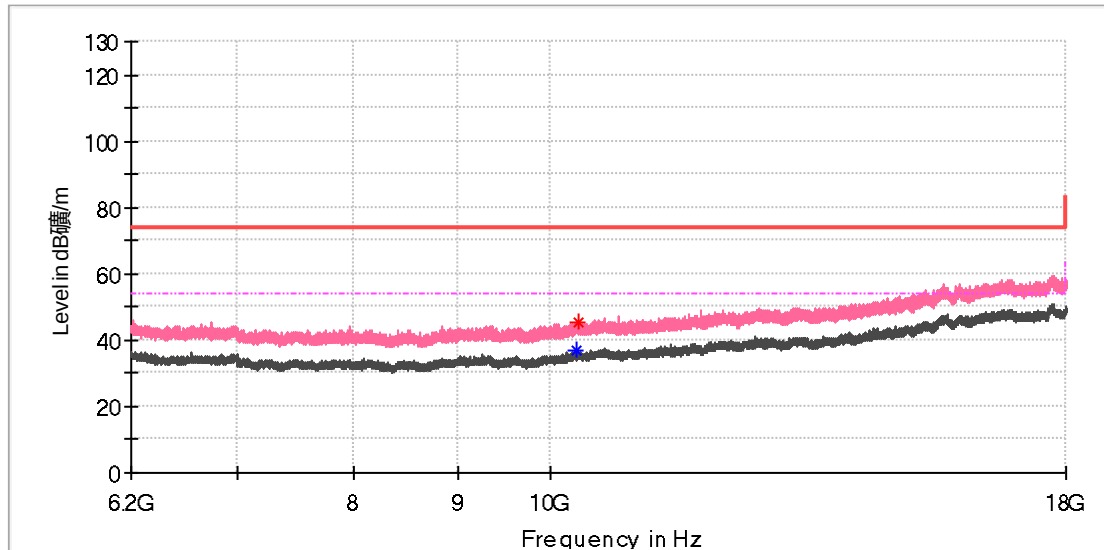
## Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |



## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_20M\_5161MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

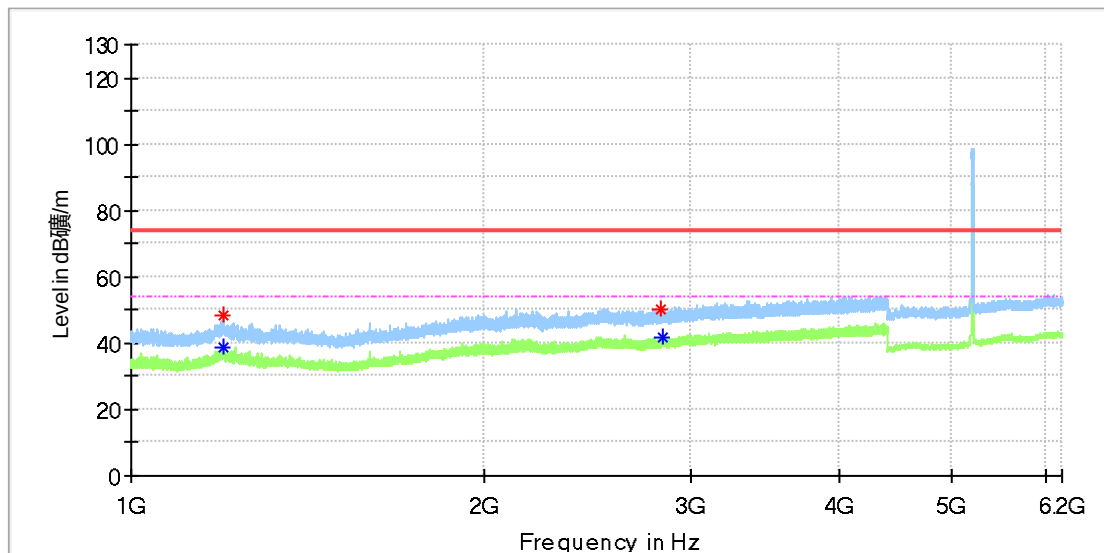
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 10303.450000    | ---              | 36.78            | 54.00          | 17.22       | 150.0       | V   | 0.0           | 11.6         |
| 10335.900000    | 45.23            | ---              | 74.00          | 28.77       | 150.0       | V   | 262.0         | 11.7         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_20M\_5200MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

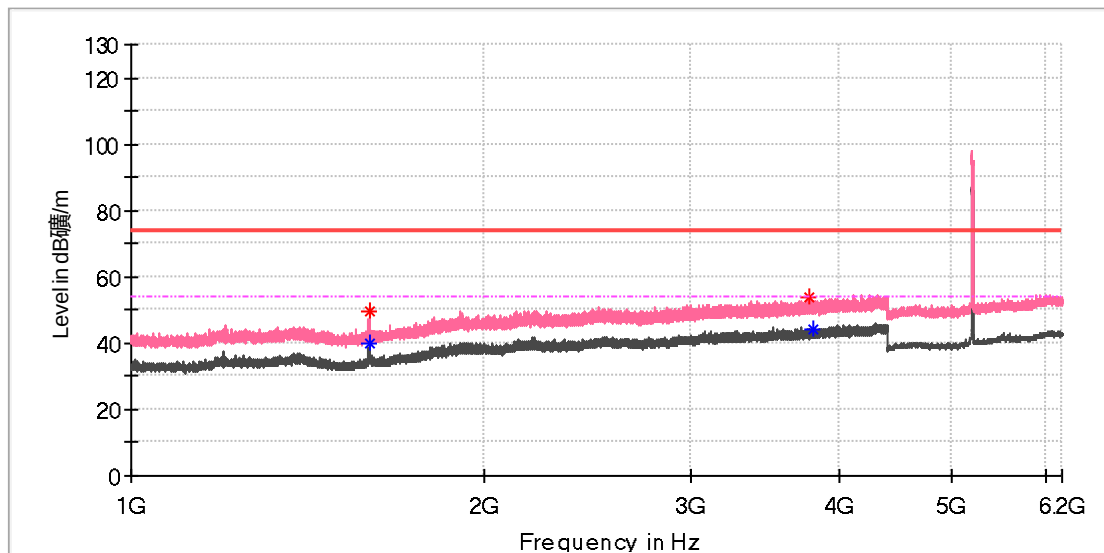
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1196.860000     | 48.26            | ---              | 74.00          | 25.74       | 150.0       | H   | 216.0         | 1.1          |
| 1197.370000     | ---              | 38.94            | 54.00          | 15.06       | 150.0       | H   | 186.0         | 1.1          |
| 2821.890000     | 50.42            | ---              | 74.00          | 23.58       | 150.0       | H   | 332.0         | 8.1          |
| 2831.580000     | ---              | 41.98            | 54.00          | 12.02       | 150.0       | H   | 227.0         | 8.1          |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_20M\_5200MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

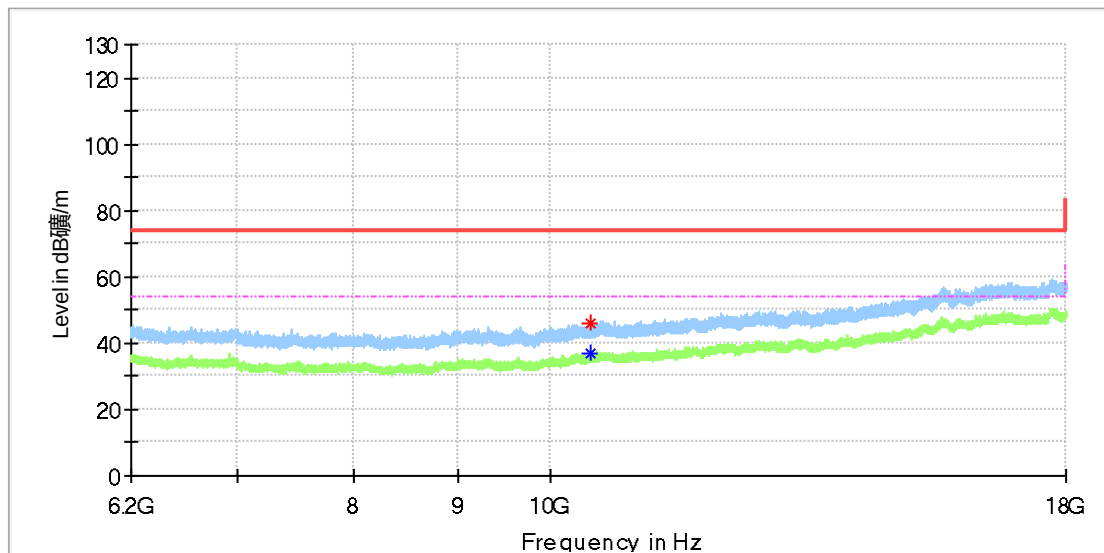
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1596.020000     | 49.65            | ---              | 74.00          | 24.35       | 150.0       | V   | 252.0         | 2.0          |
| 1599.080000     | ---              | 39.69            | 54.00          | 14.31       | 150.0       | V   | 243.0         | 2.1          |
| 3776.440000     | 53.67            | ---              | 74.00          | 20.33       | 150.0       | V   | 345.0         | 9.7          |
| 3801.770000     | ---              | 44.43            | 54.00          | 9.57        | 150.0       | V   | 135.0         | 9.8          |

## Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_20M\_5200MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

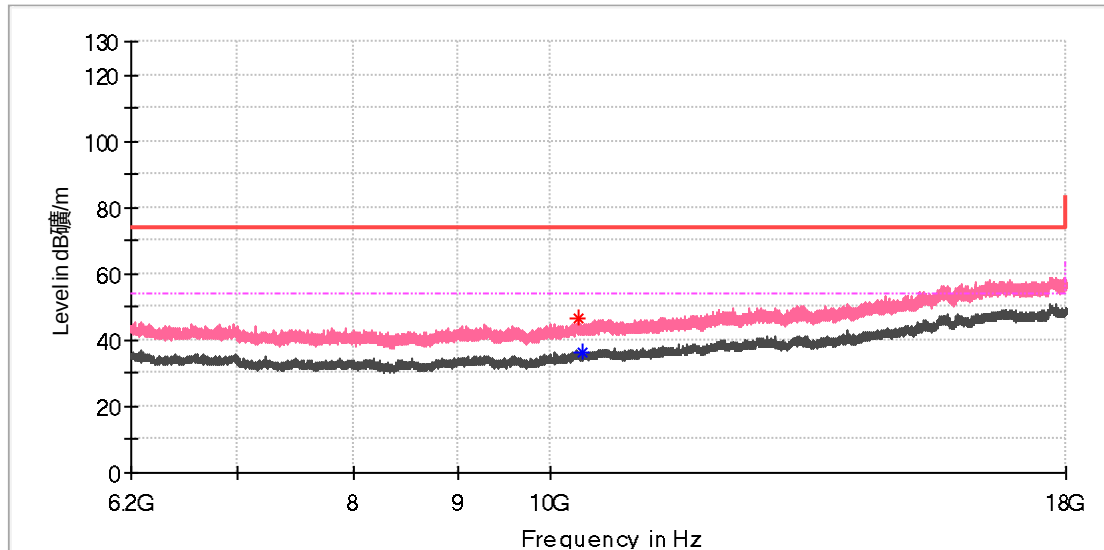
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 10457.833333    | ---              | 36.68            | 54.00          | 17.32       | 150.0       | H   | 305.0         | 12.0         |
| 10464.225000    | 45.66            | ---              | 74.00          | 28.34       | 150.0       | H   | 71.0          | 12.0         |

## Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_20M\_5200MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

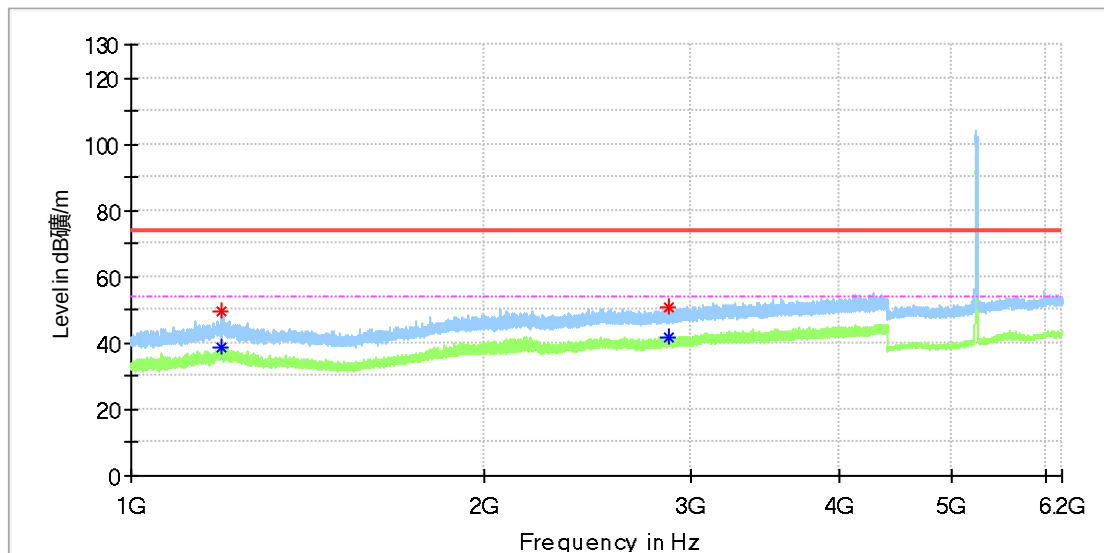
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 10316.725000    | 46.37            | ---              | 74.00          | 27.63       | 150.0       | V   | 75.0          | 11.7         |
| 10381.625000    | ---              | 36.09            | 54.00          | 17.91       | 150.0       | V   | 347.0         | 11.9         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_20M\_5240MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

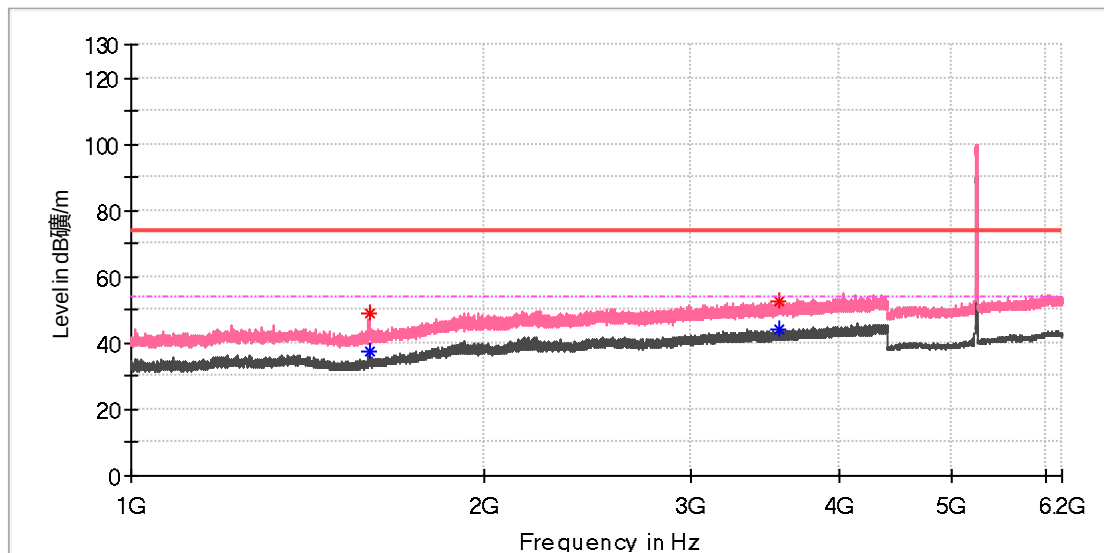
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1195.160000     | 49.50            | ---              | 74.00          | 24.50       | 150.0       | H   | 235.0         | 1.1          |
| 1195.160000     | ---              | 38.42            | 54.00          | 15.58       | 150.0       | H   | 235.0         | 1.1          |
| 2864.900000     | ---              | 42.02            | 54.00          | 11.98       | 150.0       | H   | 131.0         | 8.2          |
| 2866.430000     | 50.53            | ---              | 74.00          | 23.47       | 150.0       | H   | 0.0           | 8.2          |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_20M\_5240MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

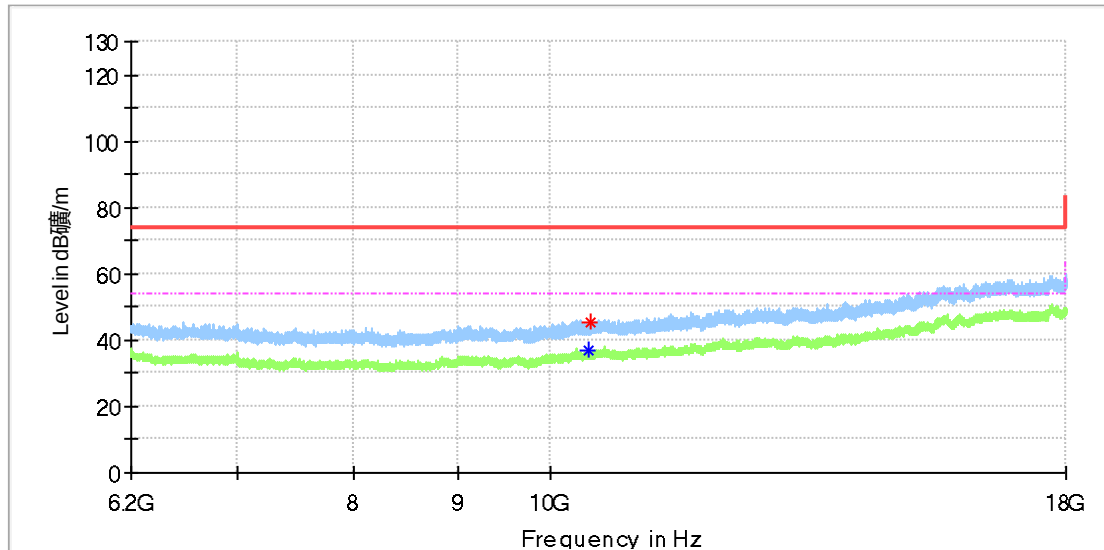
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1595.680000     | 48.82            | ---              | 74.00          | 25.18       | 150.0       | V   | 284.0         | 2.0          |
| 1599.590000     | ---              | 37.76            | 54.00          | 16.24       | 150.0       | V   | 284.0         | 2.1          |
| 3556.970000     | 52.44            | ---              | 74.00          | 21.56       | 150.0       | V   | 182.0         | 9.2          |
| 3562.410000     | ---              | 44.39            | 54.00          | 9.61        | 150.0       | V   | 17.0          | 9.2          |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_20M\_5240MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 10445.541667    | ---              | 36.96            | 54.00          | 17.04       | 150.0       | H   | 87.0          | 11.9         |
| 10476.025000    | 45.46            | ---              | 74.00          | 28.54       | 150.0       | H   | 72.0          | 12.0         |

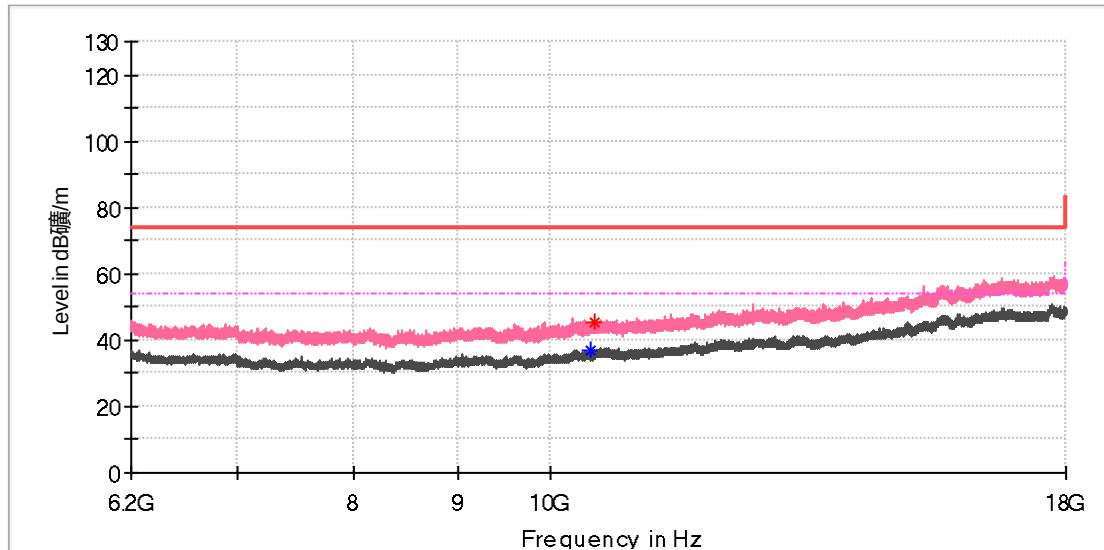
## Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |



## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_20M\_5240MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

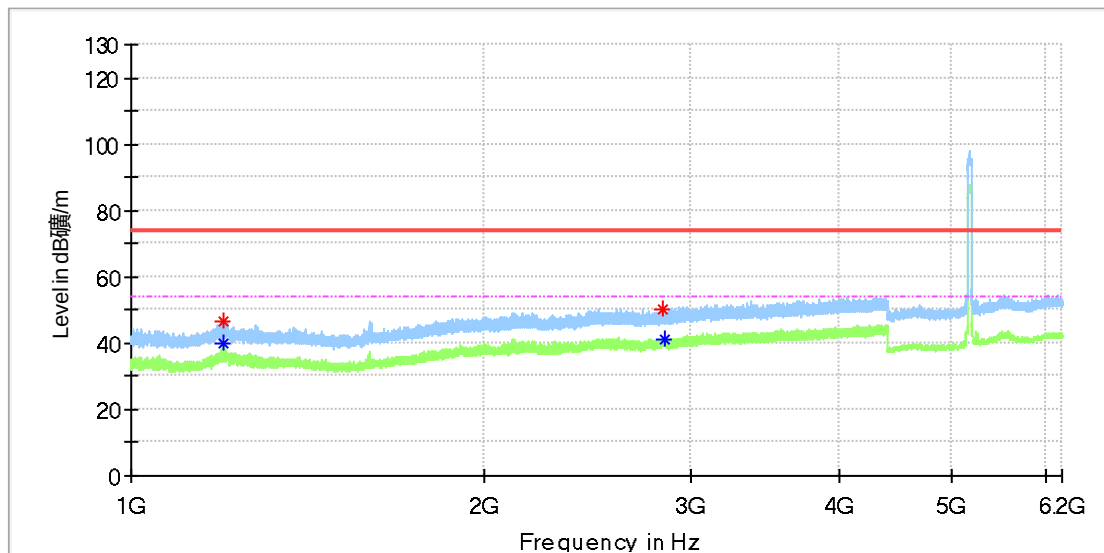
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 10457.341667    | ---              | 36.61            | 54.00          | 17.39       | 150.0       | V   | 0.0           | 12.0         |
| 10507.983333    | 45.55            | ---              | 74.00          | 28.45       | 150.0       | V   | 221.0         | 12.0         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_40M\_5170MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

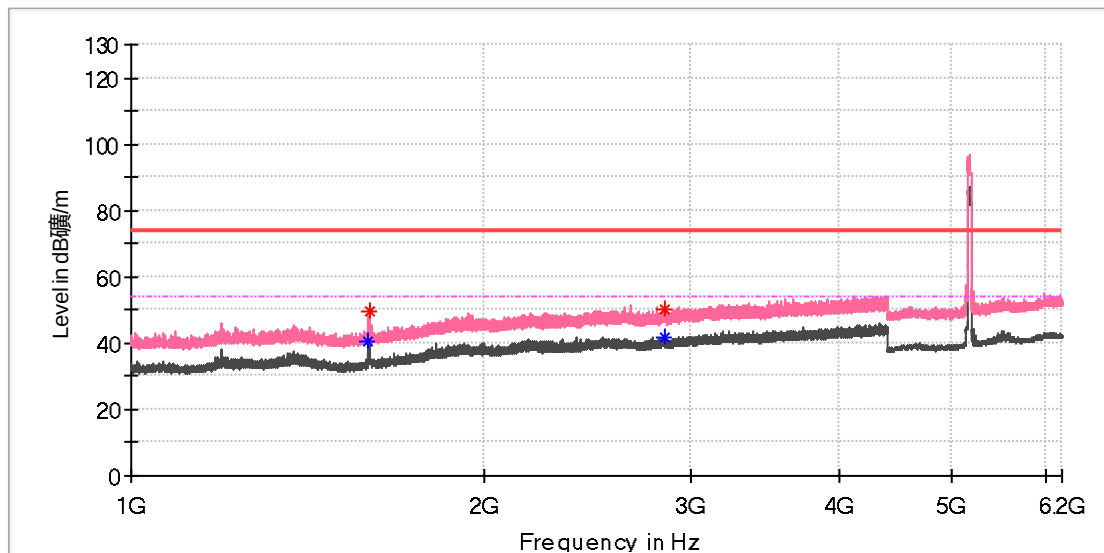
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1199.410000     | 46.84            | ---              | 74.00          | 27.16       | 150.0       | H   | 186.0         | 1.1          |
| 1199.410000     | ---              | 39.82            | 54.00          | 14.18       | 150.0       | H   | 186.0         | 1.1          |
| 2833.110000     | 50.20            | ---              | 74.00          | 23.80       | 150.0       | H   | 220.0         | 8.1          |
| 2845.520000     | ---              | 41.25            | 54.00          | 12.75       | 150.0       | H   | 231.0         | 8.1          |

## Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_40M\_5170MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

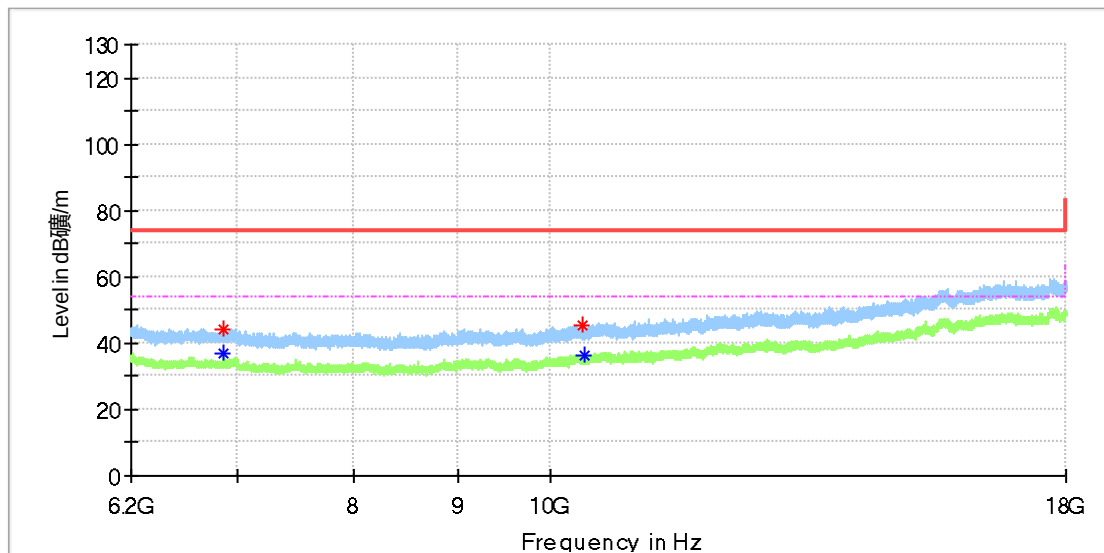
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1593.470000     | ---              | 40.43            | 54.00          | 13.57       | 150.0       | V   | 271.0         | 2.0          |
| 1595.510000     | 49.34            | ---              | 74.00          | 24.66       | 150.0       | V   | 271.0         | 2.0          |
| 2846.200000     | ---              | 41.45            | 54.00          | 12.55       | 150.0       | V   | 231.0         | 8.1          |
| 2848.240000     | 50.43            | ---              | 74.00          | 23.57       | 150.0       | V   | 358.0         | 8.1          |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_40M\_5170MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

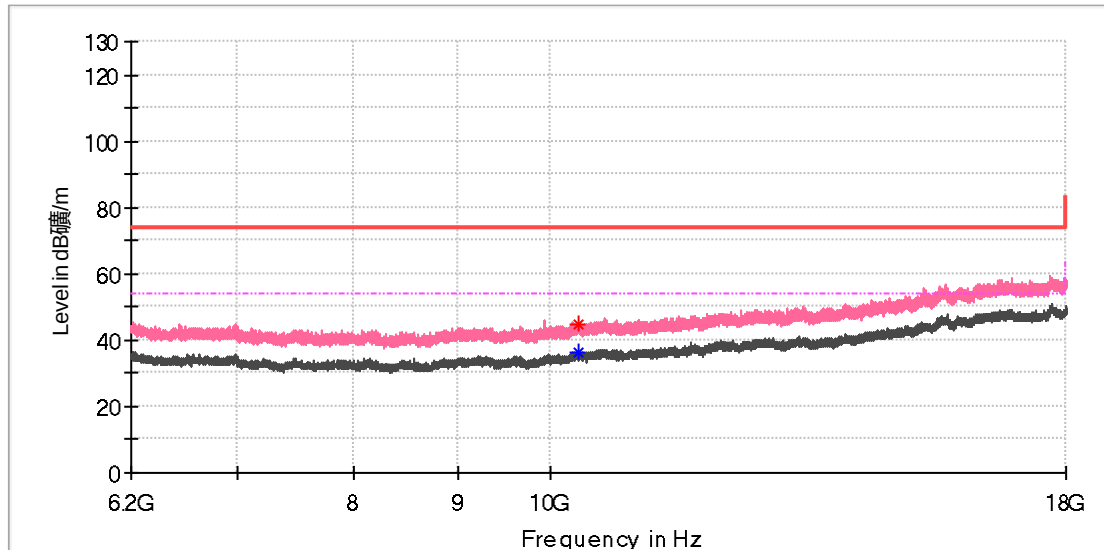
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 6885.383333     | 43.88            | ---              | 74.00          | 30.12       | 150.0       | H   | 89.0          | 8.6          |
| 6893.250000     | ---              | 37.14            | 54.00          | 16.86       | 150.0       | H   | 351.0         | 8.6          |
| 10382.608333    | 45.09            | ---              | 74.00          | 28.92       | 150.0       | H   | 337.0         | 11.9         |
| 10391.458333    | ---              | 36.47            | 54.00          | 17.53       | 150.0       | H   | 351.0         | 11.9         |

## Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_40M\_5170MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

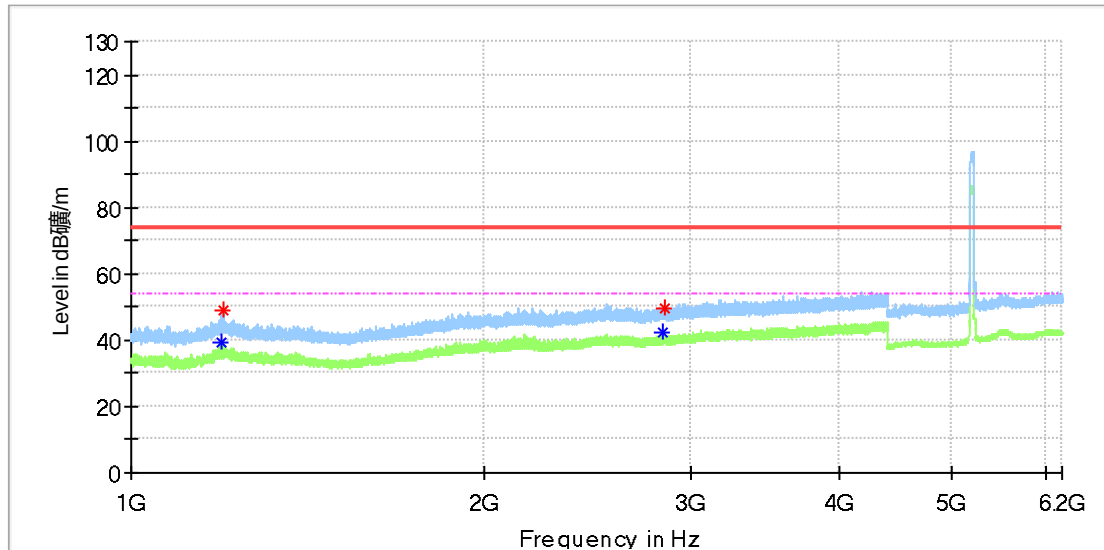
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 10318.200000    | 44.92            | ---              | 74.00          | 29.08       | 150.0       | V   | 102.0         | 11.7         |
| 10324.100000    | ---              | 36.15            | 54.00          | 17.85       | 150.0       | V   | 132.0         | 11.7         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_40M\_5200MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

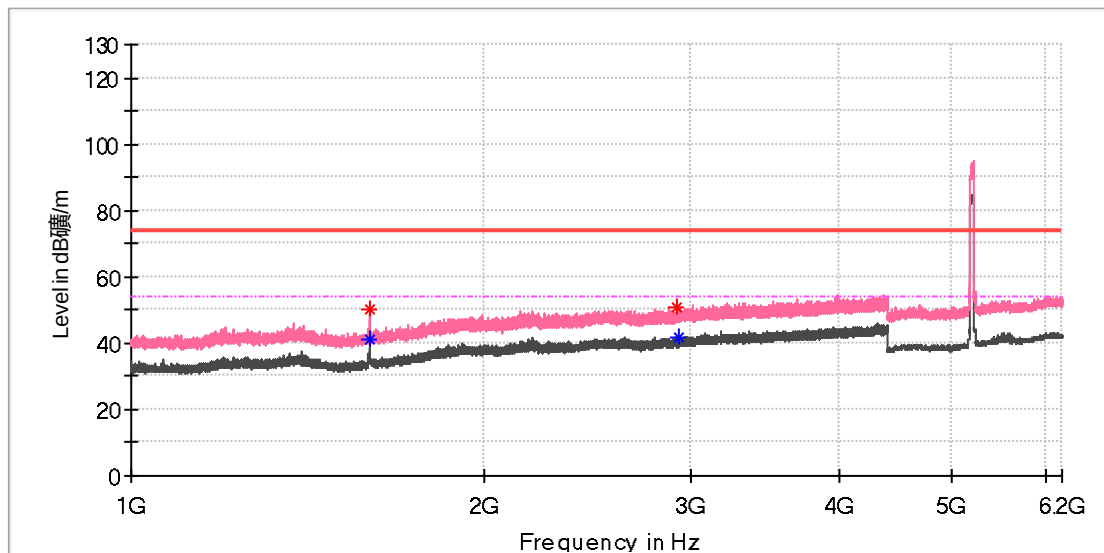
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1195.330000     | ---              | 39.25            | 54.00          | 14.75       | 150.0       | H   | 192.0         | 1.1          |
| 1199.070000     | 49.13            | ---              | 74.00          | 24.87       | 150.0       | H   | 231.0         | 1.1          |
| 2839.740000     | ---              | 42.18            | 54.00          | 11.82       | 150.0       | H   | 300.0         | 8.1          |
| 2850.110000     | 49.62            | ---              | 74.00          | 24.38       | 150.0       | H   | 250.0         | 8.1          |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_40M\_5200MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

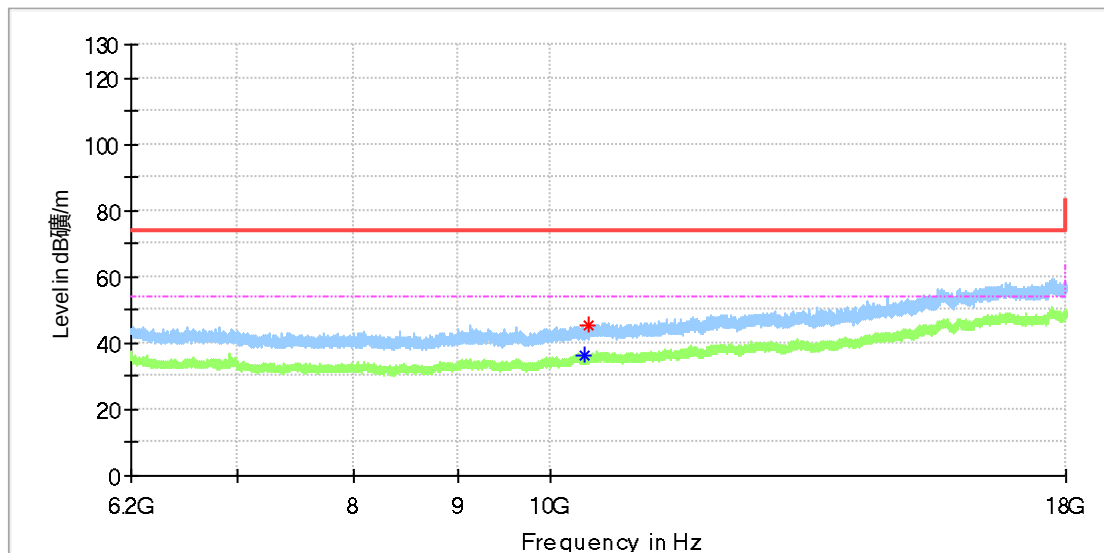
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1594.150000     | ---              | 41.02            | 54.00          | 12.98       | 150.0       | V   | 273.0         | 2.0          |
| 1595.850000     | 50.01            | ---              | 74.00          | 23.99       | 150.0       | V   | 273.0         | 2.0          |
| 2914.880000     | 50.94            | ---              | 74.00          | 23.06       | 150.0       | V   | 134.0         | 8.3          |
| 2930.180000     | ---              | 41.81            | 54.00          | 12.19       | 150.0       | V   | 154.0         | 8.4          |

## Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_40M\_5200MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 10399.325000    | ---              | 36.41            | 54.00          | 17.59       | 150.0       | H   | 333.0         | 11.9         |
| 10438.658333    | 45.30            | ---              | 74.00          | 28.70       | 150.0       | H   | 16.0          | 11.9         |

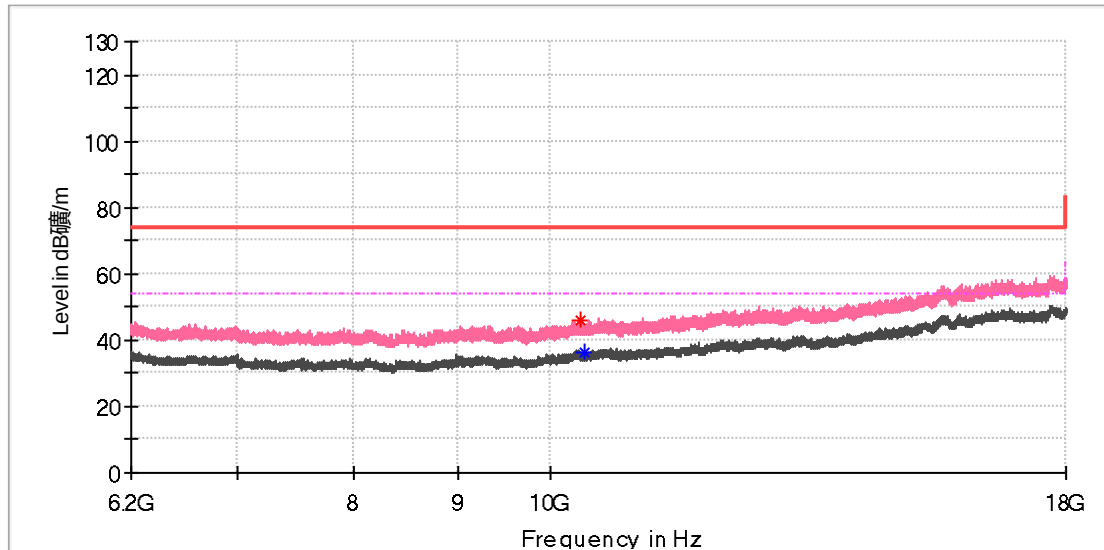
## Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |



## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_40M\_5200MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

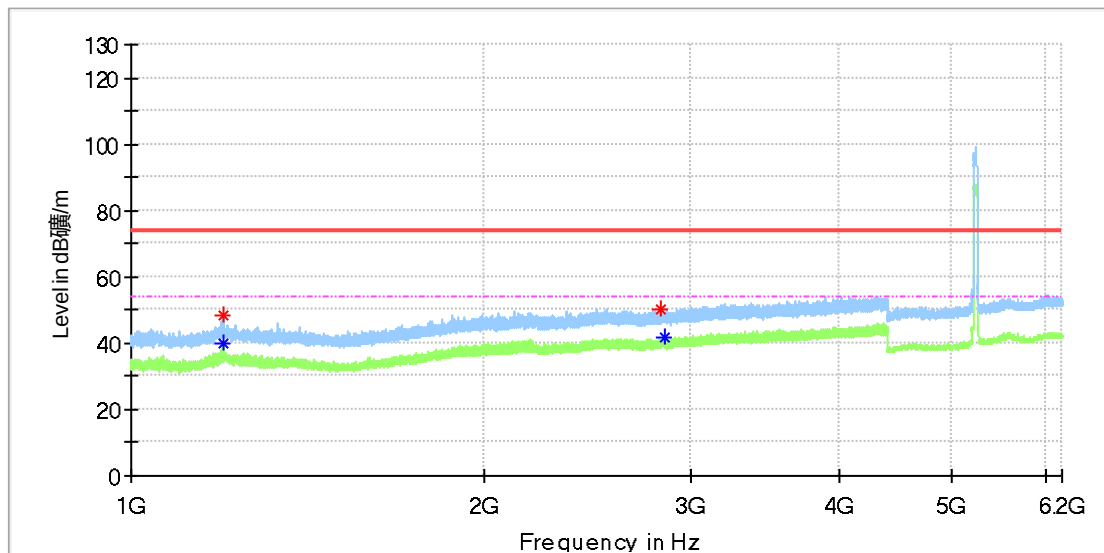
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 10346.716667    | 45.75            | ---              | 74.00          | 28.25       | 150.0       | V   | 0.0           | 11.8         |
| 10402.275000    | ---              | 36.23            | 54.00          | 17.77       | 150.0       | V   | 86.0          | 11.9         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_40M\_5230MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

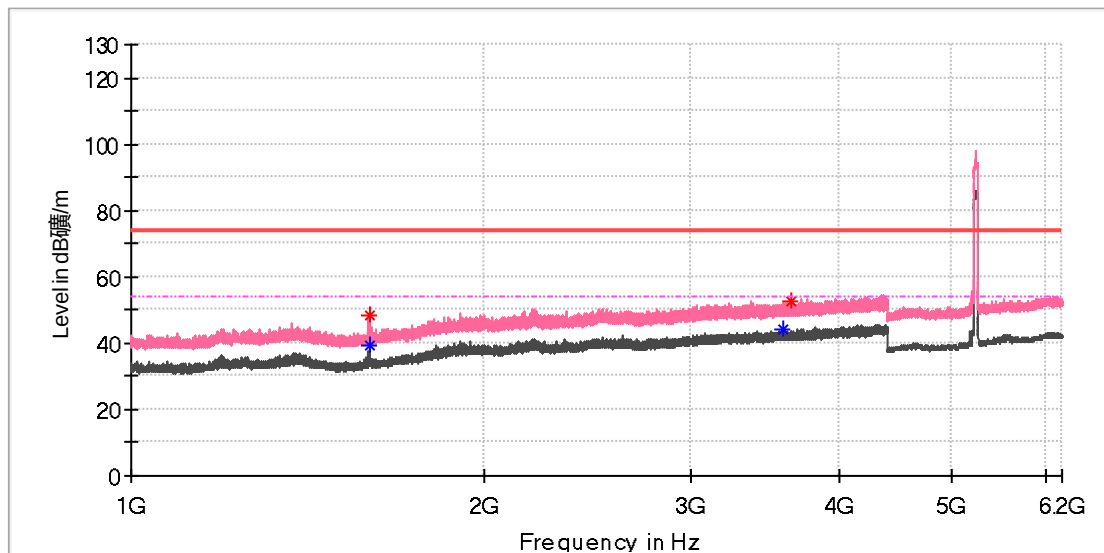
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1197.200000     | 48.41            | ---              | 74.00          | 25.59       | 150.0       | H   | 206.0         | 1.1          |
| 1197.710000     | ---              | 40.00            | 54.00          | 14.00       | 150.0       | H   | 184.0         | 1.1          |
| 2822.910000     | 49.89            | ---              | 74.00          | 24.11       | 150.0       | H   | 355.0         | 8.1          |
| 2844.670000     | ---              | 41.71            | 54.00          | 12.29       | 150.0       | H   | 134.0         | 8.1          |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_40M\_5230MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

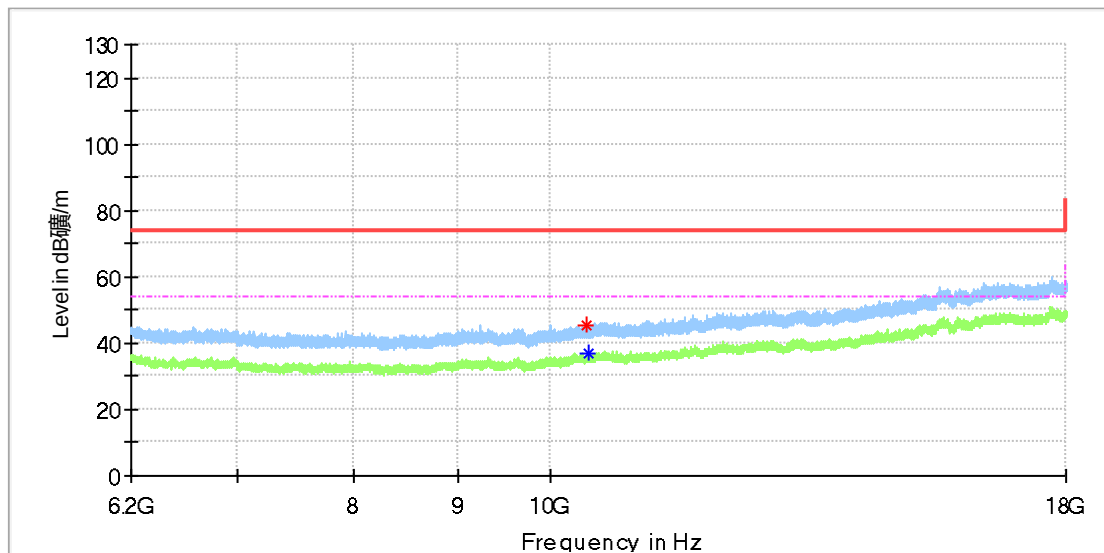
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1593.810000     | ---              | 39.26            | 54.00          | 14.74       | 150.0       | V   | 305.0         | 2.0          |
| 1599.590000     | 48.10            | ---              | 74.00          | 25.90       | 150.0       | V   | 305.0         | 2.1          |
| 3588.760000     | ---              | 44.17            | 54.00          | 9.83        | 150.0       | V   | 124.0         | 9.3          |
| 3640.950000     | 52.39            | ---              | 74.00          | 21.61       | 150.0       | V   | 145.0         | 9.4          |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_40M\_5230MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

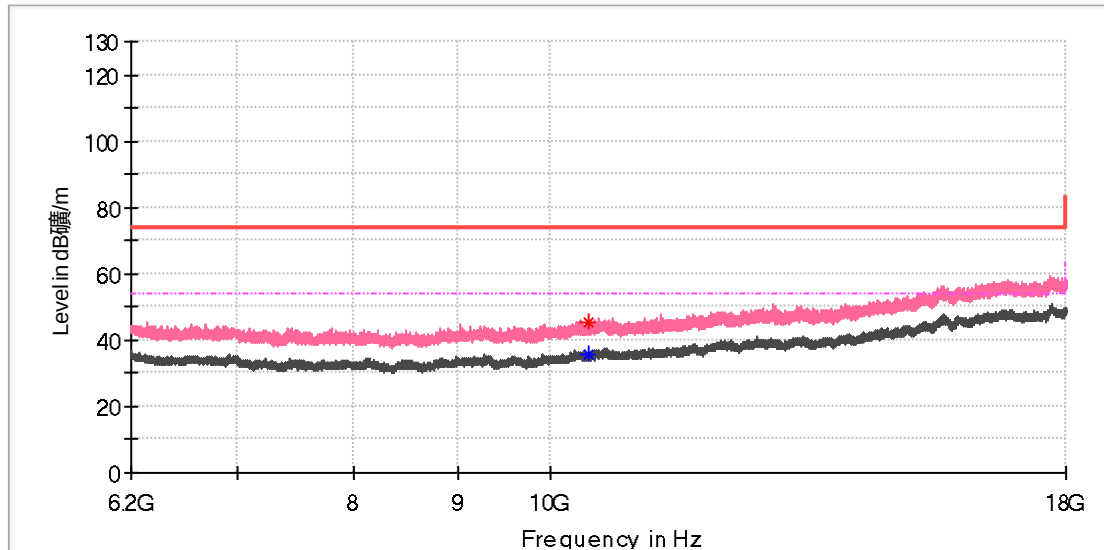
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 10431.775000    | 45.40            | ---              | 74.00          | 28.60       | 150.0       | H   | 0.0           | 11.9         |
| 10445.050000    | ---              | 36.67            | 54.00          | 17.33       | 150.0       | H   | 238.0         | 11.9         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_40M\_5230MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 10437.675000    | ---              | 35.90            | 54.00          | 18.10       | 150.0       | V   | 116.0         | 11.9         |
| 10440.133333    | 45.47            | ---              | 74.00          | 28.53       | 150.0       | V   | 209.0         | 11.9         |

## Final Result

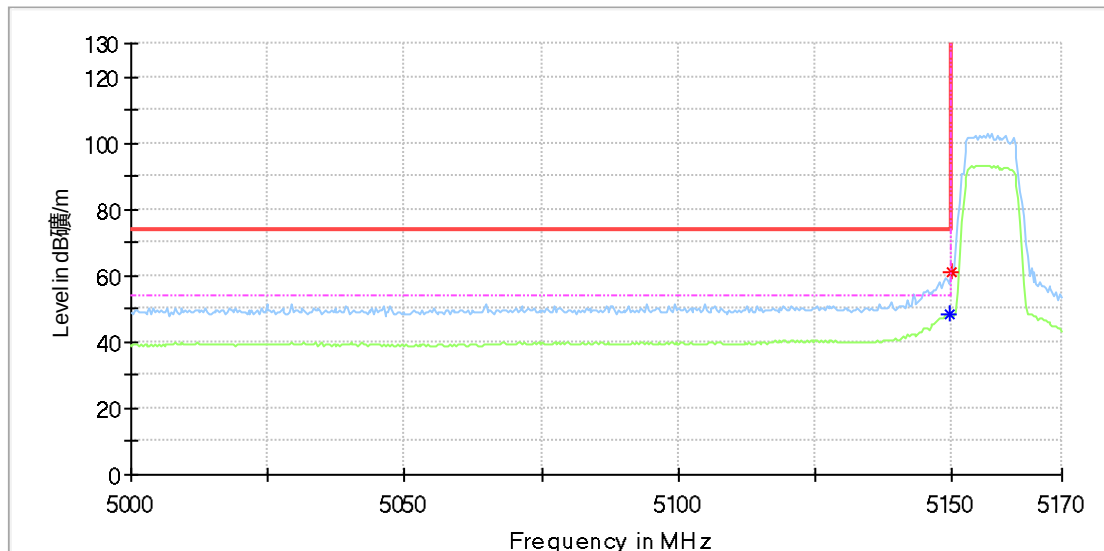
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## Appendix A.5: Test Results of Radiated Emissions in Restricted Bands

5.2GHz SDR, 10MHz BW

### EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Matrice 30               |
| Model:              | M30 RTK                  |
| Test Mode:          | SDR 5.2G_10M_5157MHz     |
| Order No/Sample No: | 168413415/A003459613-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:53%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



### Critical Freqs

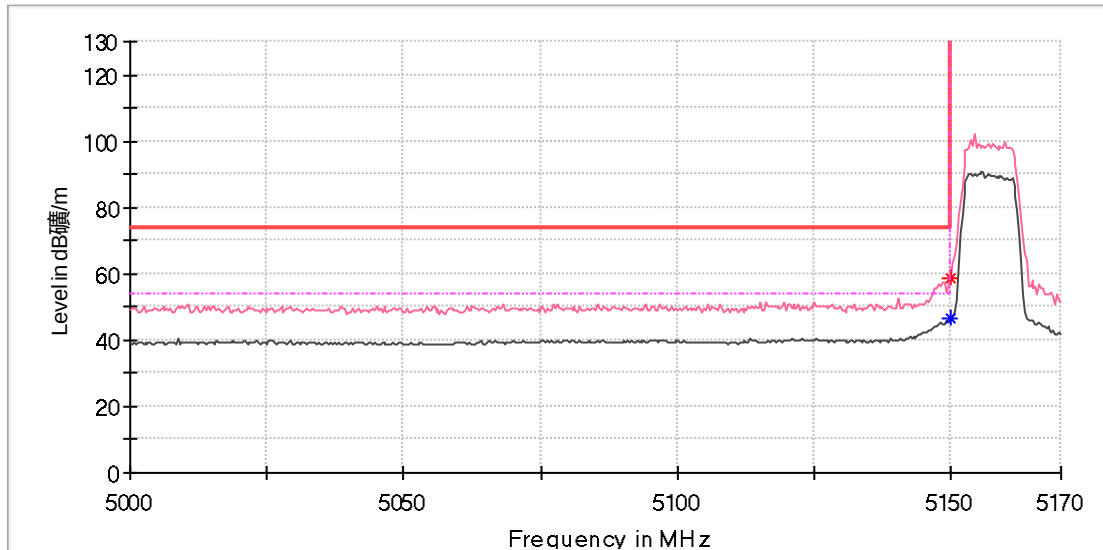
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5149.300000     | ---              | 48.25            | 54.00          | 5.75        | 150.0       | H   | 37.0          | 12.4         |
| 5149.955556     | 61.10            | ---              | 74.00          | 12.90       | 150.0       | H   | 32.0          | 12.4         |

### Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_10M\_5157MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

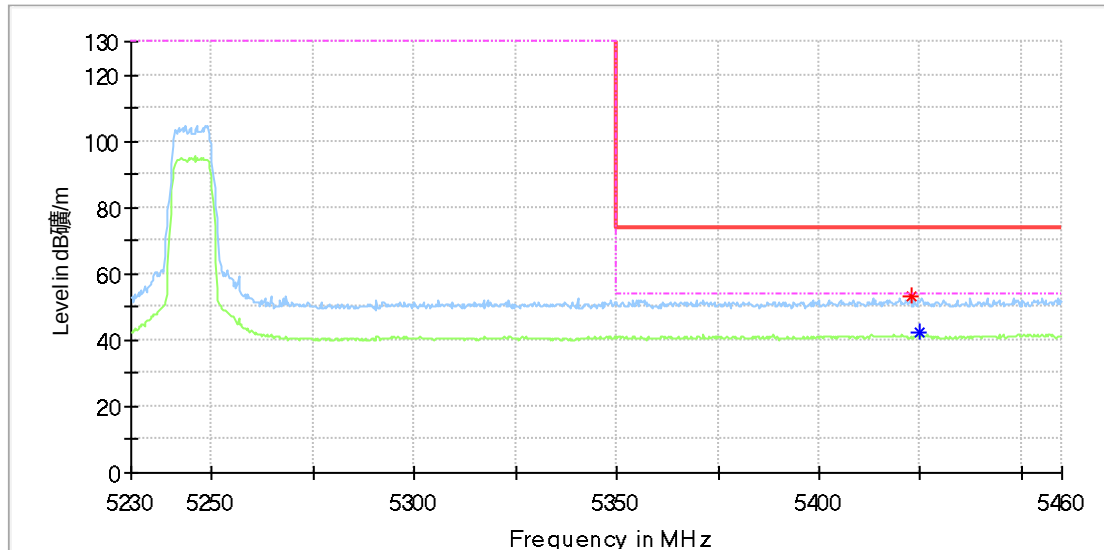
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5149.955556     | ---              | 46.72            | 54.00          | 7.28        | 150.0       | V   | 93.0          | 12.4         |
| 5149.955556     | 58.57            | ---              | 74.00          | 15.43       | 150.0       | V   | 93.0          | 12.4         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_10M\_5245MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5422.605556     | 53.18            | ---              | 74.00          | 20.82       | 150.0       | H   | 159.0         | 13.5         |
| 5424.961111     | ---              | 42.08            | 54.00          | 11.92       | 150.0       | H   | 319.0         | 13.5         |

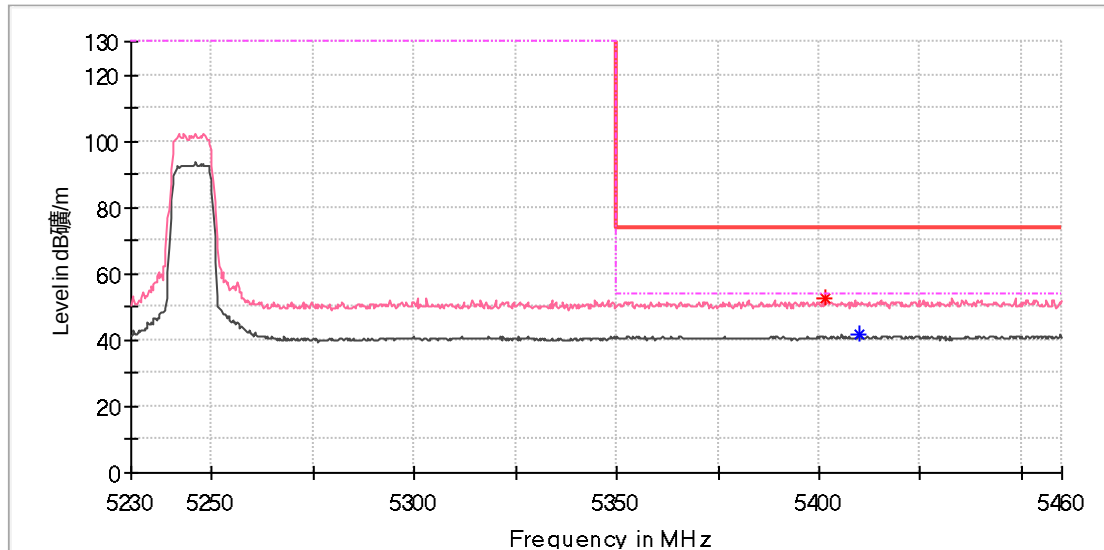
## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |



## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_10M\_5245MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5401.405556     | 52.49            | ---              | 74.00          | 21.51       | 150.0       | V   | 72.0          | 13.5         |
| 5409.944444     | ---              | 41.42            | 54.00          | 12.58       | 150.0       | V   | 157.0         | 13.5         |

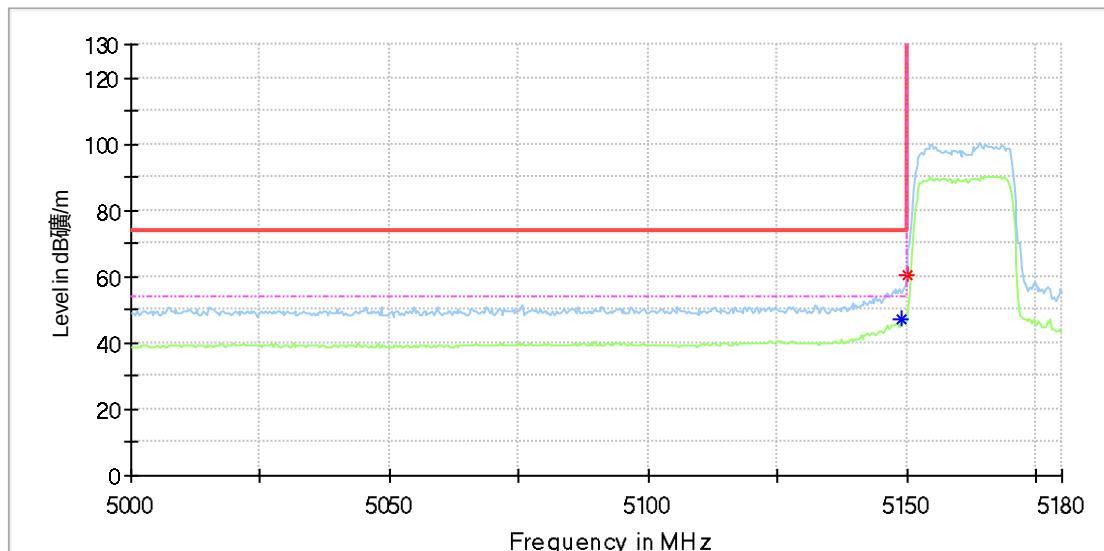
## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## 5.2GHz SDR, 20MHz BW

### EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Matrice 30               |
| Model:              | M30 RTK                  |
| Test Mode:          | SDR 5.2G_20M_5161MHz     |
| Order No/Sample No: | 168413415/A003459613-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:53%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



### Critical Freqs

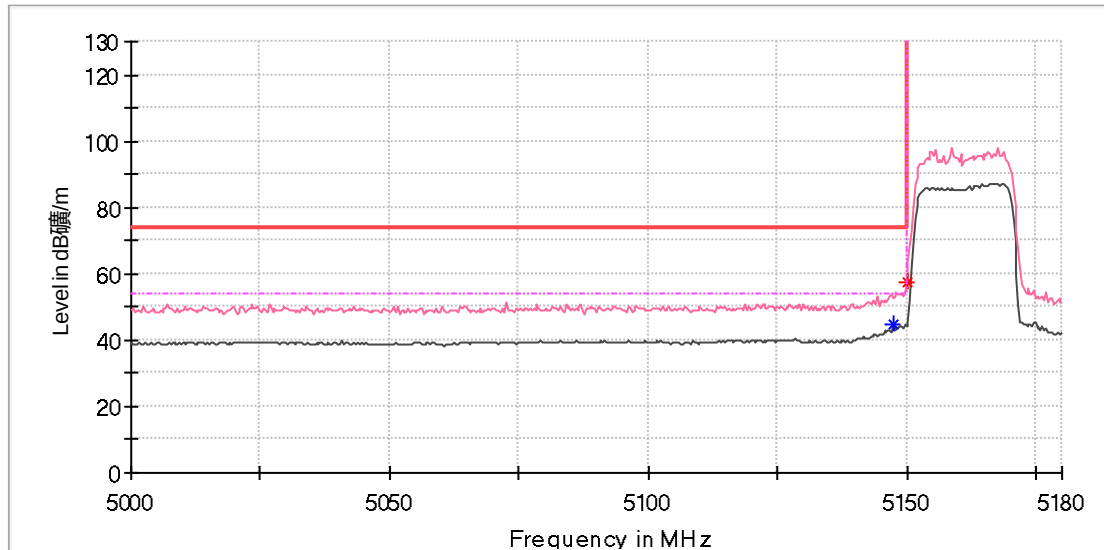
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5148.972222     | ---              | 46.93            | 54.00          | 7.07        | 150.0       | H   | 304.0         | 12.4         |
| 5149.955556     | 60.21            | ---              | 74.00          | 13.79       | 150.0       | H   | 304.0         | 12.4         |

### Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_20M\_5161MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

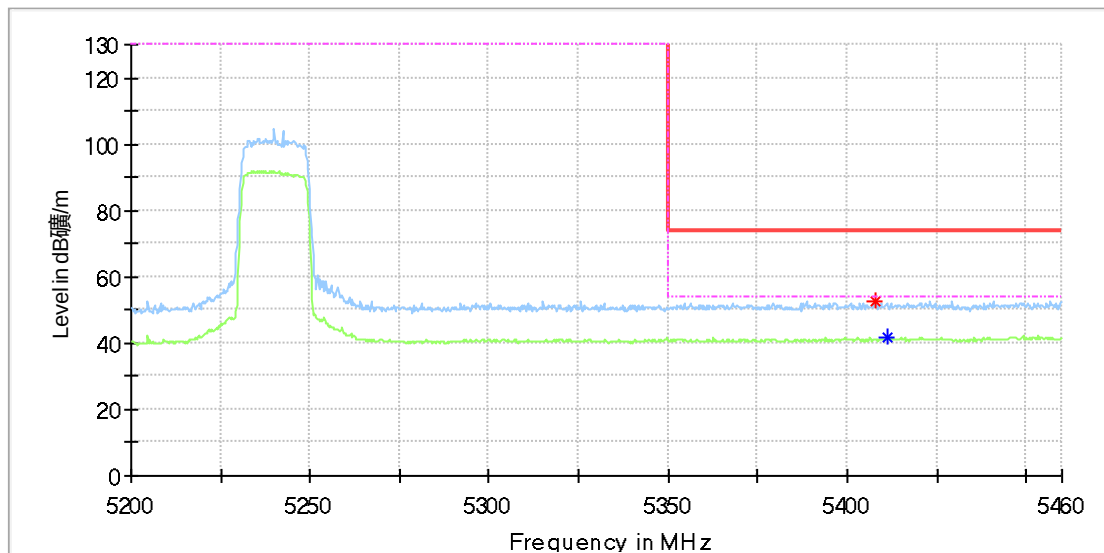
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5147.333333     | ---              | 44.77            | 54.00          | 9.23        | 150.0       | V   | 67.0          | 12.4         |
| 5149.955556     | 57.32            | ---              | 74.00          | 16.68       | 150.0       | V   | 275.0         | 12.4         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_20M\_5240MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

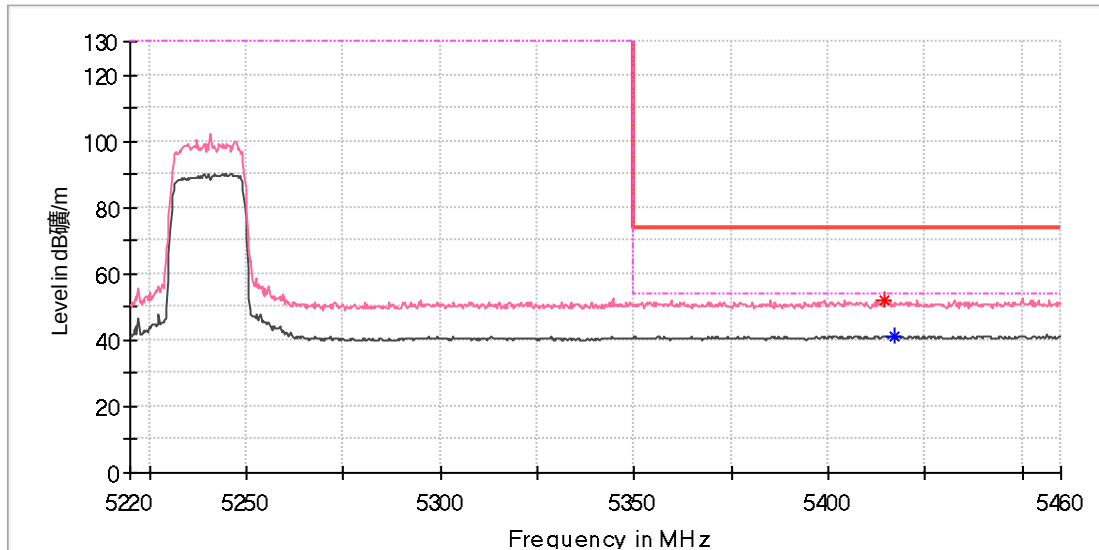
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5407.883333     | 52.54            | ---              | 74.00          | 21.46       | 150.0       | H   | 283.0         | 13.5         |
| 5411.416667     | ---              | 41.48            | 54.00          | 12.52       | 150.0       | H   | 316.0         | 13.5         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_20M\_5240MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5414.655556     | 52.10            | ---              | 74.00          | 21.90       | 150.0       | V   | 182.0         | 13.5         |
| 5417.011111     | ---              | 41.35            | 54.00          | 12.65       | 150.0       | V   | 0.0           | 13.5         |

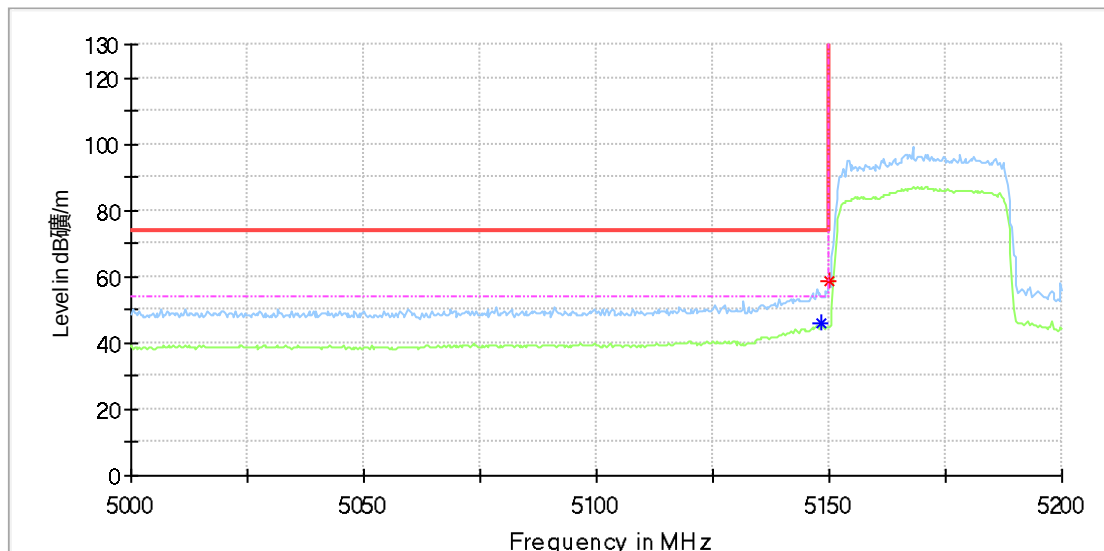
## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## 5.2GHz SDR, 40MHz BW

### EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Matrice 30               |
| Model:              | M30 RTK                  |
| Test Mode:          | SDR 5.2G_40M_5170MHz     |
| Order No/Sample No: | 168413415/A003459613-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:53%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



### Critical Freqs

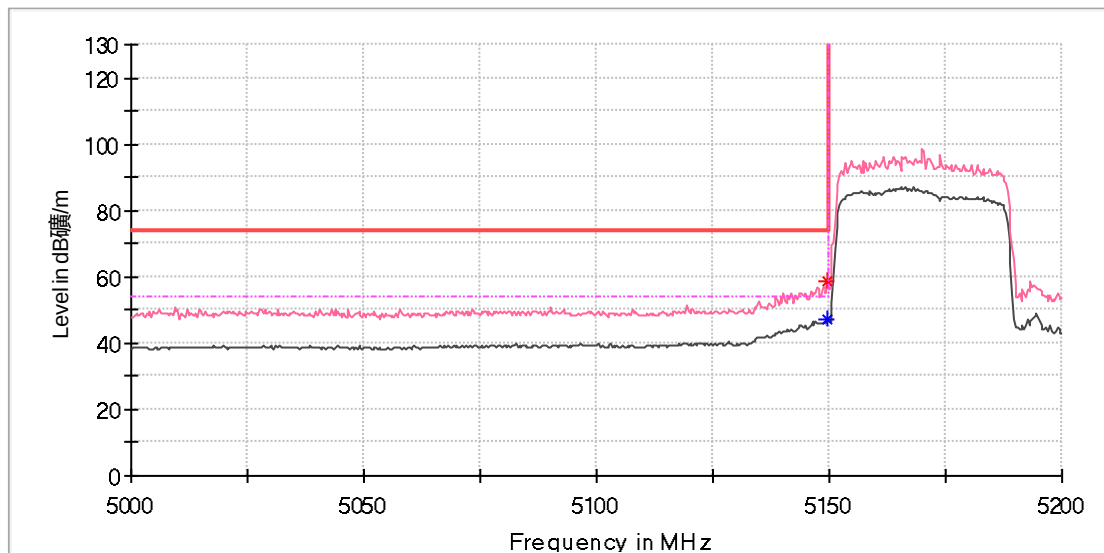
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5148.316667     | ---              | 46.01            | 54.00          | 7.99        | 150.0       | H   | 190.0         | 12.4         |
| 5149.955556     | 58.76            | ---              | 74.00          | 15.24       | 150.0       | H   | 90.0          | 12.4         |

### Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_40M\_5170MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

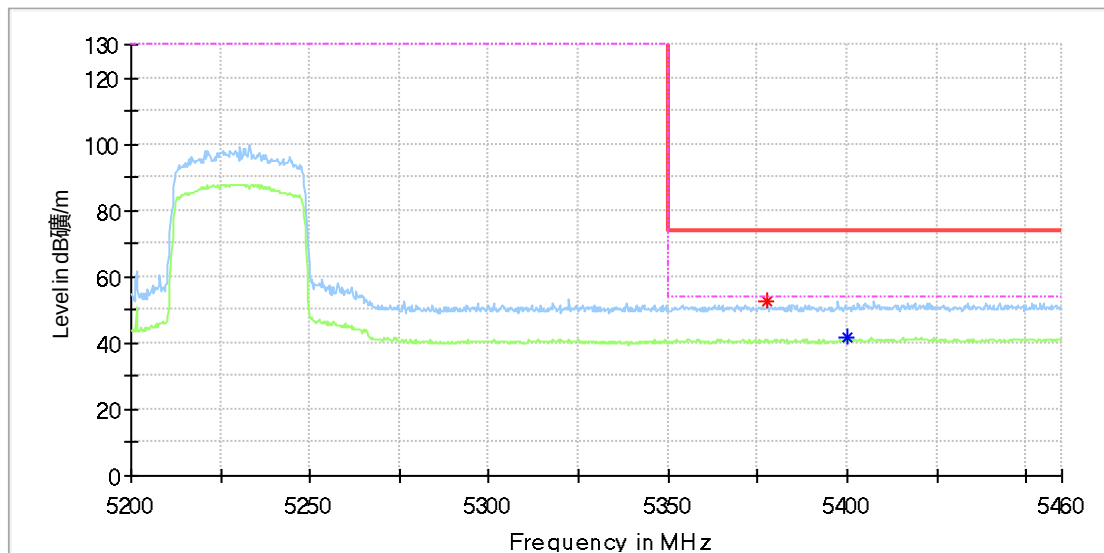
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5149.627778     | ---              | 47.09            | 54.00          | 6.91        | 150.0       | V   | 88.0          | 12.4         |
| 5149.627778     | 58.95            | ---              | 74.00          | 15.05       | 150.0       | V   | 88.0          | 12.4         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Matrice 30               |
| Model:              | M30 RTK                  |
| Test Mode:          | SDR 5.2G_40M_5230MHz     |
| Order No/Sample No: | 168413415/A003459613-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:53%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5377.850000     | 52.53            | ---              | 74.00          | 21.47       | 150.0       | H   | 48.0          | 13.4         |
| 5399.933333     | ---              | 41.45            | 54.00          | 12.55       | 150.0       | H   | 181.0         | 13.5         |

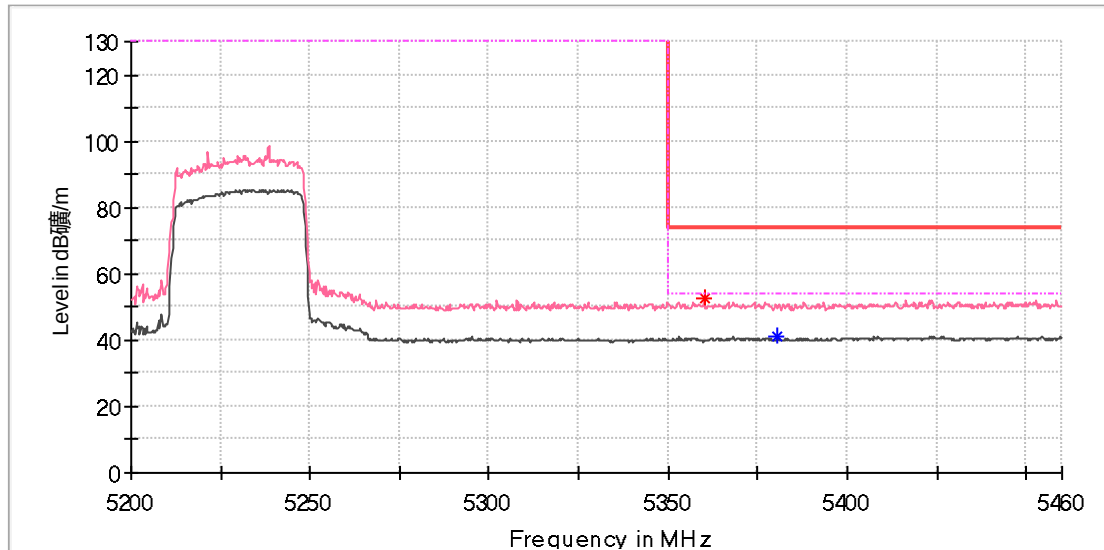
## Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |



## EUT Information

EUT Name: Matrice 30  
Model: M30 RTK  
Test Mode: SDR 5.2G\_40M\_5230MHz  
Order No/Sample No: 168413415/A003459613-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.407  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5360.183333     | 52.51            | ---              | 74.00          | 21.49       | 150.0       | V   | 319.0         | 13.3         |
| 5380.500000     | ---              | 41.18            | 54.00          | 12.82       | 150.0       | V   | 91.0          | 13.4         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---         | ---         |     | ---           | ---          |