

# **FCC RADIO TEST REPORT**

## **FCC ID: 2AMDJMATRIXRTK**

**Product :** MatrixRTK GNSS Receiver

**Trade Name :** **TERSUS**

**Model Name :** MatrixRTK

**Serial Model :** N/A

**Report No. :** STUEMO017071304116RF

### **Prepared for**

Tersus GNSS Inc.

Rm 210, Building A, No. 666 Zhangheng Road, Zhangjiang Hi-tech Park,  
Pudong, Shanghai, P.R.C

### **Prepared by**

BZT Testing Technology Co., Ltd.

Buliding 17,Xinghua Road Xingwei industrial Park Fuyong,Baoan District  
Shenzhen, China

## TEST RESULT CERTIFICATION

**Applicant's name** ..... : Tersus GNSS Inc.

**Address** ..... : Rm 210, Building A, No. 666 Zhangheng Road, Zhangjiang  
Hi-tech Park, Pudong, Shanghai, P.R.C

**Manufacture's Name** ..... : Tersus GNSS Inc.

**Address** ..... : Rm 210, Building A, No. 666 Zhangheng Road, Zhangjiang  
Hi-tech Park, Pudong, Shanghai, P.R.C

### Product description

**Product name** ..... : MatrixRTK GNSS Receiver

**Model and/or type reference** : MatrixRTK

**Trade Name:** **TERSUS**

**Standards** ..... : FCC Part 15B: 2016

**Test procedure** ..... ANSI C63.4: 2014

This device described above has been tested by BZT, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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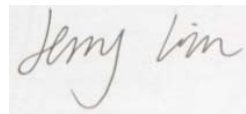
**Date of Test** ..... :

**Date (s) of performance of tests** ..... : 01 Jun. 2017 ~17 Jun. 2017

**Date of Issue** ..... : 17 Jun. 2017

**Test Result** ..... : **Pass**

**Testing Engineer** :



(Jerry Lin)

**Technical Manager** :



(Jimmy Yao)

**Authorized Signatory** :



(Terry Yang)

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## 1. TEST SUMMARY

Test procedures according to the technical standards:

| EMC Emission                          |                    |         |          |        |
|---------------------------------------|--------------------|---------|----------|--------|
| Standard                              | Test Item          | Limit   | Judgment | Remark |
| FCC Part 15B: 2016<br>ANSI C63.4:2014 | Conducted Emission | Class B | PASS     |        |
|                                       | Radiated Emission  | Class B | PASS     |        |

## 1.1 TEST FACILITY

BZT Testing Technology Co., Ltd.

Add.:1/F, Building E, Fenda Science Park, Sanwei Community, Xixiang Street, Bao'an District, Shenzhen P.R. China.

FCC Registered No.: 701733

## 1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement  $y \pm U$ , where expended uncertainty  $U$  is based on a standard uncertainty multiplied by a coverage factor of  $k=2$ , providing a level of confidence of approximately **95 %**.

### A. Conducted Measurement :

| Test Site | Method | Measurement Frequency Range | U , (dB) | NOTE |
|-----------|--------|-----------------------------|----------|------|
| BZTC01    | ANSI   | 150 KHz ~ 30MHz             | 3.2      |      |

### B. Radiated Measurement :

| Test Site | Method | Measurement Frequency Range | U , (dB) | NOTE |
|-----------|--------|-----------------------------|----------|------|
| BZTA01    | ANSI   | 30MHz ~ 1000MHz             | 4.7      |      |
|           |        | 1GHz ~6GHz                  | 5.0      |      |

## 2. GENERAL INFORMATION

### 2.1 GENERAL DESCRIPTION OF EUT

|                     |                                                                                                                                                                                                                    |                     |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| Equipment           | MatrixRTK GNSS Receiver                                                                                                                                                                                            |                     |
| Brand Name          | <b>TERSUS</b>                                                                                                                                                                                                      |                     |
| Model Name.         | MatrixRTK                                                                                                                                                                                                          |                     |
| Serial No           | N/A                                                                                                                                                                                                                |                     |
| Model Difference    | N/A                                                                                                                                                                                                                |                     |
| Product Description | The EUT is a MatrixRTK GNSS Receiver.                                                                                                                                                                              |                     |
|                     | Connecting I/O port:                                                                                                                                                                                               | USB Port,RJ-45 Port |
|                     | Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual. |                     |
| Adapter             | Model: GS40A12<br>Input: 100-240V~, 50/60Hz, 1A<br>Output: 12V $\overline{\text{---}}$ , 3.34A                                                                                                                     |                     |
| Battery             | DC 7.4V, 12500mAH                                                                                                                                                                                                  |                     |

## 2.2 DESCRIPTION OF TEST MODES

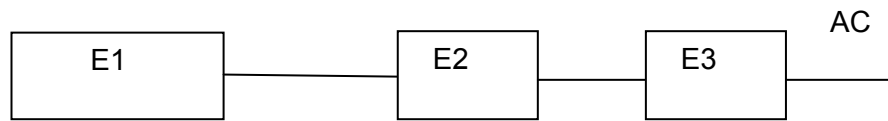
To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

| Pretest Mode | Description |
|--------------|-------------|
| Mode 1       | PC Mode     |

| For Conducted Test |             |
|--------------------|-------------|
| Final Test Mode    | Description |
| Mode 1             | PC Mode     |

| For Radiated Test |             |
|-------------------|-------------|
| Final Test Mode   | Description |
| Mode 1            | PC Mode     |

## 2.3 DESCRIPTION OF TEST SETUP



## 2.4 DESCRIPTION TEST PERIPHERAL AND EUT PERIPHERAL

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

| Item | Equipment               | Mfr/Brand     | Model/Type No. | Series No. | Note |
|------|-------------------------|---------------|----------------|------------|------|
| E-1  | MatrixRTK GNSS Receiver | <b>TERSUS</b> | MatrixRTK      | N/A        | EUT  |
| E-2  | Notebook                | DELL          | PP10L          | N/A        |      |
| E-3  | Notebook Adapter        | DELL          | HA65NS1-00     | N/A        |      |
|      |                         |               |                |            |      |
|      |                         |               |                |            |      |
|      |                         |               |                |            |      |
|      |                         |               |                |            |      |
|      |                         |               |                |            |      |

| Item | Shielded Type | Ferrite Core | Length | Note |
|------|---------------|--------------|--------|------|
| C1   | No            | No           | 1.5M   |      |
|      |               |              |        |      |
|      |               |              |        |      |
|      |               |              |        |      |
|      |               |              |        |      |
|      |               |              |        |      |
|      |               |              |        |      |
|      |               |              |        |      |

### Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in 『Length』 column.

## 2.5 MEASUREMENT INSTRUMENTS LIST

### Radiation Test equipment

| Item | Kind of Equipment  | Manufacturer | Type No.    | Serial No.   | Last calibration | Calibrated until | Calibration period |
|------|--------------------|--------------|-------------|--------------|------------------|------------------|--------------------|
| 1    | Spectrum Analyzer  | Agilent      | E4407B      | MY45108040   | 2016.07.06       | 2017.07.05       | 1 year             |
| 2    | Test Receiver      | R&S          | ESPI        | 101318       | 2017.06.07       | 2018.06.06       | 1 year             |
| 3    | Bilog Antenna      | TESEQ        | CBL6111D    | 31216        | 2016.07.06       | 2017.07.05       | 1 year             |
| 4    | 50Ω Coaxial Switch | Anritsu      | MP59B       | 6200264416   | 2017.06.07       | 2018.06.06       | 1 year             |
| 5    | Spectrum Analyzer  | ADVANTEST    | R3132       | 150900201    | 2017.06.07       | 2018.06.06       | 1 year             |
| 6    | Horn Antenna       | EM           | EM-AH-10180 | 2011071402   | 2016.07.06       | 2017.07.05       | 1 year             |
| 7    | Horn Ant           | Schwarzbeck  | BBHA 9170   | 9170-181     | 2016.07.06       | 2017.07.05       | 1 year             |
| 8    | Amplifier          | EM           | EM-30180    | 060538       | 2016.12.22       | 2017.12.21       | 1 year             |
| 9    | Loop Antenna       | ARA          | PLA-1030/B  | 1029         | 2017.06.08       | 2018.06.07       | 1 year             |
| 10   | Power Meter        | R&S          | NRVS        | 100696       | 2016.07.06       | 2017.07.05       | 1 year             |
| 11   | Power Sensor       | R&S          | URV5-Z4     | 0395.1619.05 | 2016.07.06       | 2017.07.05       | 1 year             |

### Conduction Test equipment

| Item | Kind of Equipment     | Manufacturer | Type No. | Serial No. | Last calibration | Calibrated until | Calibration period |
|------|-----------------------|--------------|----------|------------|------------------|------------------|--------------------|
| 1    | Test Receiver         | R&S          | ESCI     | 101160     | 2017.06.06       | 2018.06.05       | 1 year             |
| 2    | LISN                  | R&S          | ENV216   | 101313     | 2016.08.24       | 2017.08.23       | 1 year             |
| 3    | LISN                  | EMCO         | 3816/2   | 00042990   | 2016.08.24       | 2017.08.23       | 1 year             |
| 4    | 50Ω Coaxial Switch    | Anritsu      | MP59B    | 6200264417 | 2017.06.07       | 2018.06.06       | 1 year             |
| 5    | Passive Voltage Probe | R&S          | ESH2-Z3  | 100196     | 2017.06.07       | 2018.06.06       | 1 year             |
| 6    | Absorbing clamp       | R&S          | MOS-21   | 100423     | 2017.06.08       | 2018.06.07       | 1 year             |

### 3. EMC EMISSION TEST

#### 3.1 CONDUCTED EMISSION MEASUREMENT

##### 3.1.1 POWER LINE CONDUCTED EMISSION (Frequency Range 150KHz-30MHz)

| FREQUENCY (MHz) | Class B (dBuV) |           |
|-----------------|----------------|-----------|
|                 | Quasi-peak     | Average   |
| 0.15 -0.5       | 66 - 56 *      | 56 - 46 * |
| 0.50 -5.0       | 56.00          | 46.00     |
| 5.0 -30.0       | 60.00          | 50.00     |

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " \* " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

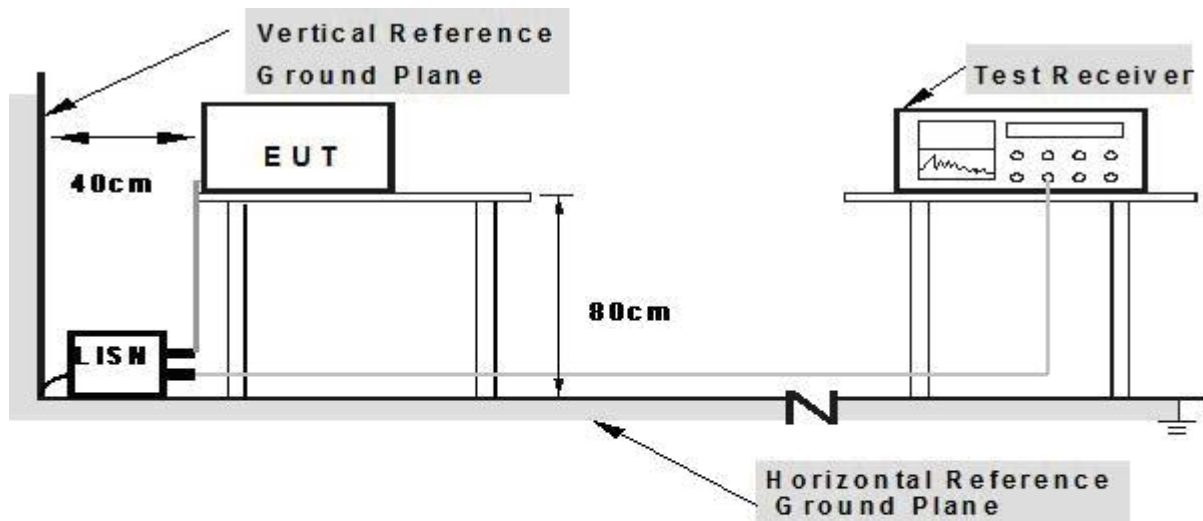
The following table is the setting of the receiver

| Receiver Parameters | Setting  |
|---------------------|----------|
| Attenuation         | 10 dB    |
| Start Frequency     | 0.15 MHz |
| Stop Frequency      | 30 MHz   |
| IF Bandwidth        | 9 kHz    |

### 3.1.2 TEST PROCEDURE

- The EUT was placed 0.4 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- LISN at least 80 cm from nearest part of EUT chassis.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

### 3.1.3 TEST SETUP



**Note: 1. Support units were connected to second LISN.**

**2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes**

### 3.1.4 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.

### 3.1.5 TEST RESULTS

|                |                         |                     |           |
|----------------|-------------------------|---------------------|-----------|
| EUT :          | MatrixRTK GNSS Receiver | Model Name. :       | MatrixRTK |
| Temperature :  | 26 °C                   | Relative Humidity : | 54%       |
| Pressure :     | 1010hPa                 | Phase :             | L         |
| Test Voltage : | AC120V/60Hz             | Test Mode :         | Mode 1    |

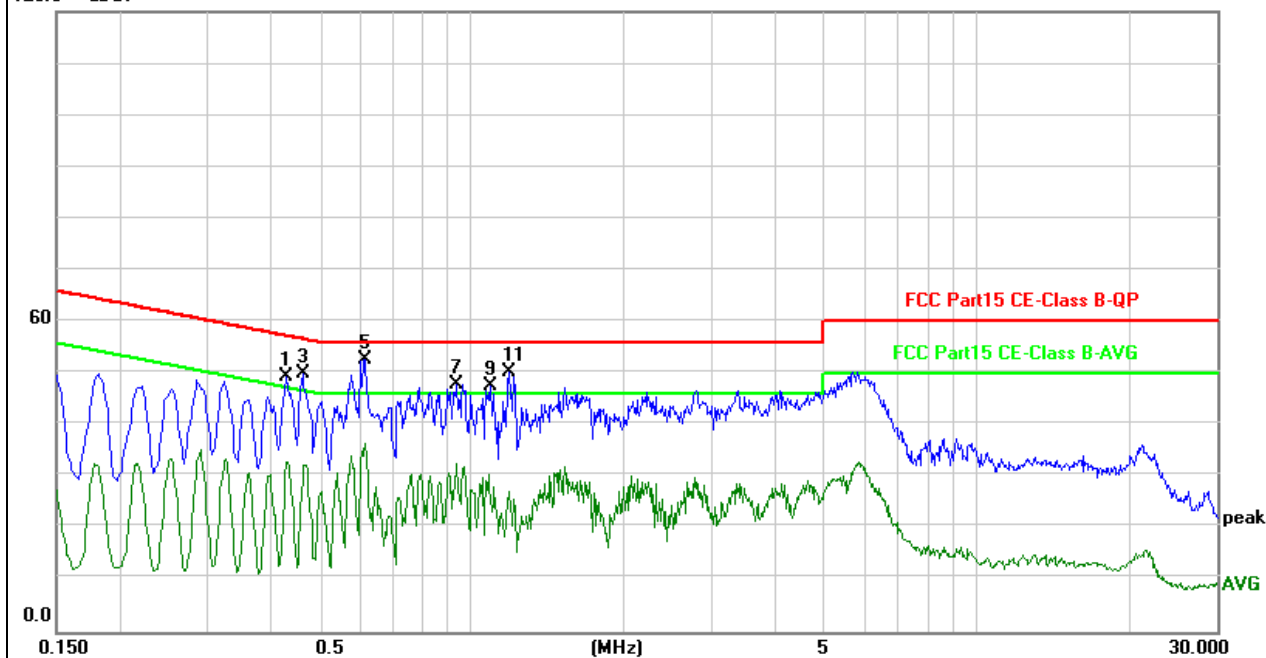
| Frequency<br>(MHz) | Meter Reading<br>(dBμV) | Factor<br>(dB) | Emission Level<br>(dBμV) | Limits<br>(dBμV) | Margin<br>(dB) | Detector Type |
|--------------------|-------------------------|----------------|--------------------------|------------------|----------------|---------------|
| 0.4300             | 39.33                   | 10.11          | 49.44                    | 57.25            | -7.81          | QP            |
| 0.4300             | 22.83                   | 10.11          | 32.94                    | 47.25            | -14.31         | AVG           |
| 0.4620             | 39.70                   | 10.11          | 49.81                    | 56.66            | -6.85          | QP            |
| 0.4620             | 22.20                   | 10.11          | 32.31                    | 46.66            | -14.35         | AVG           |
| 0.6140             | 42.53                   | 10.13          | 52.66                    | 56.00            | -3.34          | QP            |
| 0.6140             | 26.37                   | 10.13          | 36.50                    | 46.00            | -9.50          | AVG           |
| 0.9340             | 37.61                   | 10.16          | 47.77                    | 56.00            | -8.23          | QP            |
| 0.9340             | 22.36                   | 10.16          | 32.52                    | 46.00            | -13.48         | AVG           |
| 1.0900             | 37.48                   | 10.17          | 47.65                    | 56.00            | -8.35          | QP            |
| 1.0900             | 20.34                   | 10.17          | 30.51                    | 46.00            | -15.49         | AVG           |
| 1.1860             | 40.09                   | 10.17          | 50.26                    | 56.00            | -5.74          | QP            |
| 1.1860             | 17.03                   | 10.17          | 27.20                    | 46.00            | -18.80         | AVG           |

Remark:

1. All readings are Quasi-Peak and Average values.

2. Factor = Insertion Loss + Cable Loss.

120.0 dBμV

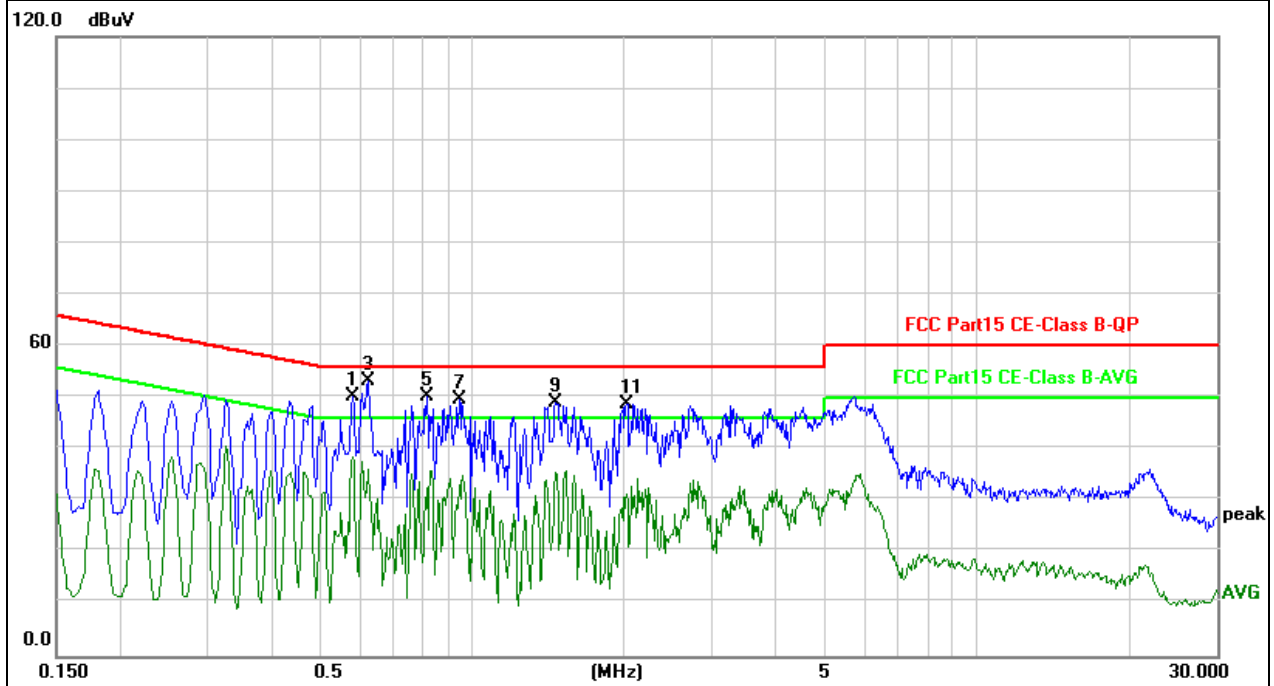


|                |                         |                     |           |
|----------------|-------------------------|---------------------|-----------|
| EUT :          | MatrixRTK GNSS Receiver | Model Name. :       | MatrixRTK |
| Temperature :  | 26 °C                   | Relative Humidity : | 54%       |
| Pressure :     | 1010hPa                 | Phase :             | N         |
| Test Voltage : | AC120V/60Hz             | Test Mode :         | Mode 1    |

| Frequency<br>(MHz) | Meter Reading<br>(dBμV) | Factor<br>(dB) | Emission Level<br>(dBμV) | Limits<br>(dBμV) | Margin<br>(dB) | Detector Type |
|--------------------|-------------------------|----------------|--------------------------|------------------|----------------|---------------|
| 0.5820             | 40.25                   | 10.12          | 50.37                    | 56.00            | -5.63          | QP            |
| 0.5820             | 28.42                   | 10.12          | 38.54                    | 46.00            | -7.46          | AVG           |
| 0.6220             | 43.18                   | 10.13          | 53.31                    | 56.00            | -2.69          | QP            |
| 0.6220             | 26.07                   | 10.13          | 36.20                    | 46.00            | -9.80          | AVG           |
| 0.8140             | 40.23                   | 10.15          | 50.38                    | 56.00            | -5.62          | QP            |
| 0.8140             | 25.83                   | 10.15          | 35.98                    | 46.00            | -10.02         | AVG           |
| 0.9460             | 39.46                   | 10.16          | 49.62                    | 56.00            | -6.38          | QP            |
| 0.9460             | 24.90                   | 10.16          | 35.06                    | 46.00            | -10.94         | AVG           |
| 1.4660             | 38.88                   | 10.17          | 49.05                    | 56.00            | -6.95          | QP            |
| 1.4660             | 25.46                   | 10.17          | 35.63                    | 46.00            | -10.37         | AVG           |
| 2.0300             | 38.62                   | 10.18          | 48.80                    | 56.00            | -7.20          | QP            |
| 2.0300             | 22.52                   | 10.18          | 32.70                    | 46.00            | -13.30         | AVG           |

Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.



### 3.2 RADIATED EMISSION MEASUREMENT

#### 3.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

| FREQUENCY (MHz) | Class A (at 10m) | Class B (at 3m) |
|-----------------|------------------|-----------------|
|                 | dBuV/m           | dBuV/m          |
| 30 ~ 88         | 39.0             | 40.0            |
| 88 ~ 216        | 43.5             | 43.5            |
| 216 ~ 960       | 46.5             | 46.0            |
| Above 960       | 49.5             | 54.0            |

Notes:

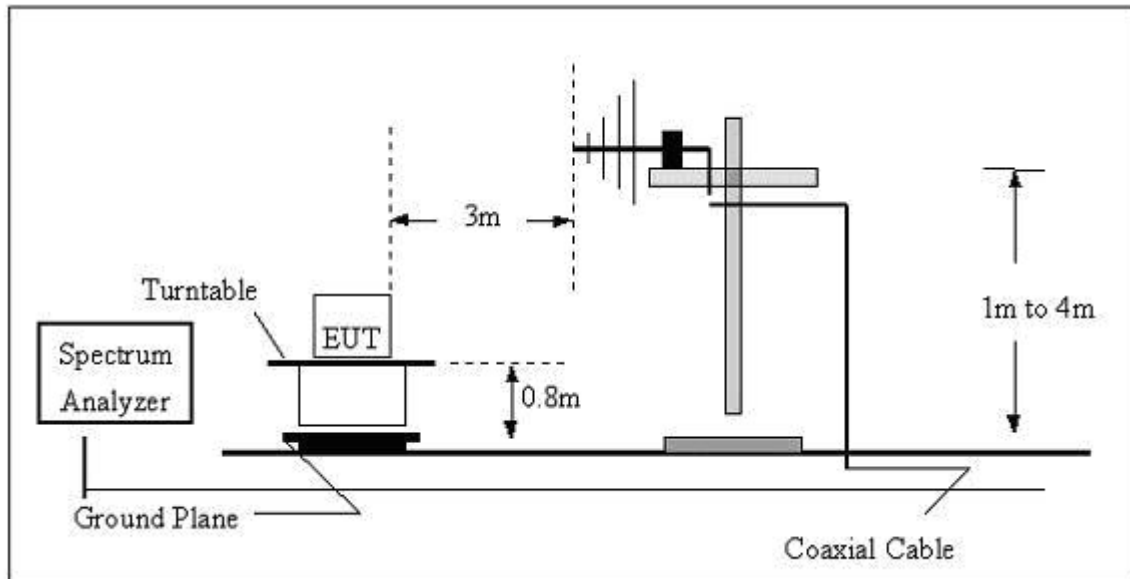
- (1) The limit for radiated test was performed according to as following:  
FCC PART 15B /ICES-003.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

#### 3.2.2 TEST PROCEDURE

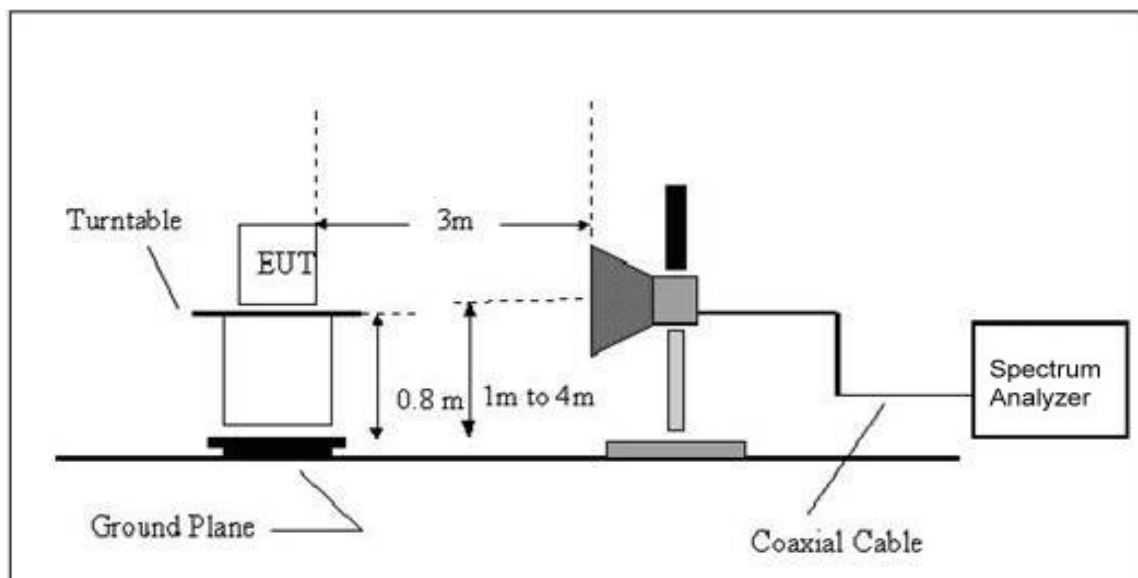
- a. The measuring distance of at 10 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 10 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured, above 1G Average detector mode will be instead.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP(AV) Limits and then no additional QP Mode measurement performed.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

### 3.2.3 TEST SETUP

#### (A) Radiated Emission Test Set-Up Frequency Below 1 GHz



#### (B) Radiated Emission Test Set-Up Frequency Above 1GHz



### 3.2.4 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **2.3** Unless otherwise a special operating condition is specified in the follows during the testing.

### 3.2.5 TEST RESULTS(Blow 30MHZ)

|               |                         |                     |           |
|---------------|-------------------------|---------------------|-----------|
| EUT :         | MatrixRTK GNSS Receiver | Model Name :        | MatrixRTK |
| Temperature : | 20 °C                   | Relative Humidity : | 48%       |
| Pressure :    | 1010 hPa                | Test Voltage :      | AC120V    |
| Test Mode :   | Mode 1                  | Polarization :      | --        |

| Freq. | Reading  | Limit    | Margin | State |
|-------|----------|----------|--------|-------|
| (MHz) | (dBuV/m) | (dBuV/m) | (dB)   | P/F   |
| --    | --       | --       | --     | PASS  |
| --    | --       | --       | --     | PASS  |

#### NOTE:

- 1.The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.
- 2.Distance extrapolation factor =40 log (specific distance/test distance)(dB);
- 3.Limit line = specific limits(dBuv) + distance extrapolation factor.

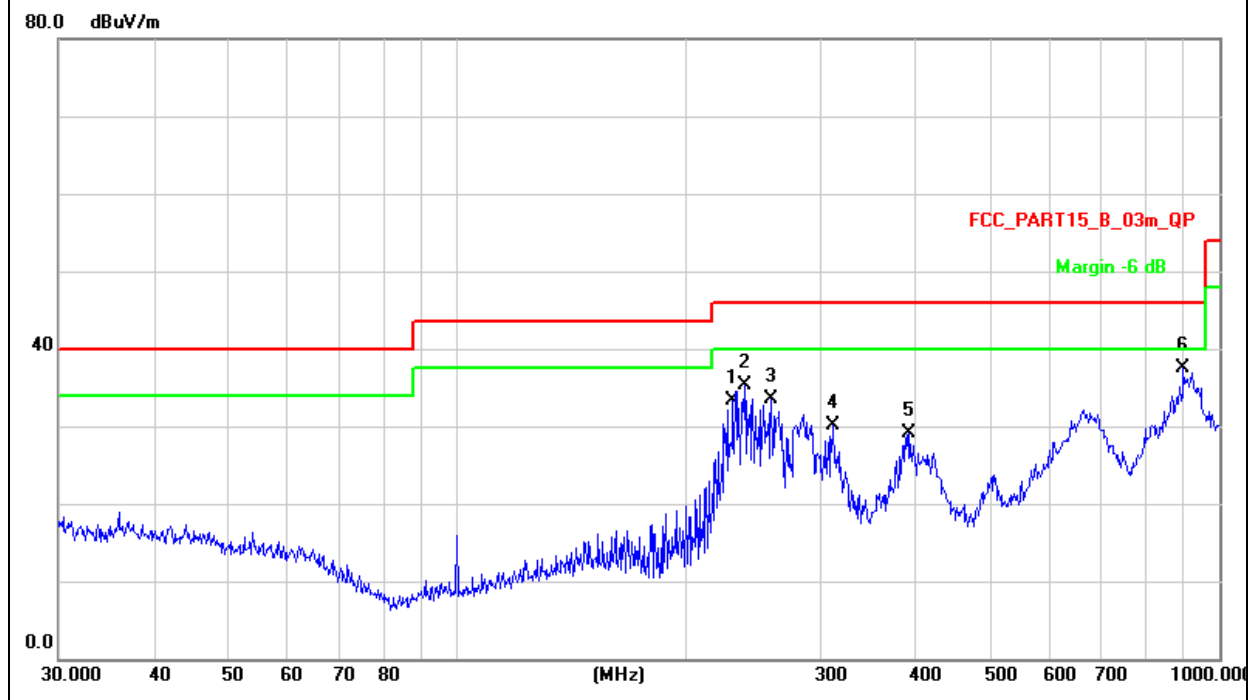
### 3.2.6 TEST RESULTS( 30MHZ-1GHZ)

|               |                         |                     |            |
|---------------|-------------------------|---------------------|------------|
| EUT :         | MatrixRTK GNSS Receiver | Model Name :        | MatrixRTK  |
| Temperature : | 20 °C                   | Relative Humidity : | 48%        |
| Pressure :    | 1010 hPa                | Test Voltage :      | AC120V     |
| Test Mode :   | Mode 1                  | Polarization :      | Horizontal |

| Frequency<br>(MHz) | Meter Reading<br>(dBμV) | Factor<br>(dB) | Emission Level<br>(dBμV/m) | Limits<br>(dBμV/m) | Margin<br>(dB) | Detector Type |
|--------------------|-------------------------|----------------|----------------------------|--------------------|----------------|---------------|
|                    |                         |                |                            |                    |                |               |
| 230.0985           | 48.37                   | -15.05         | 33.32                      | 46.00              | -12.68         | QP            |
| 238.3102           | 49.85                   | -14.58         | 35.27                      | 46.00              | -10.73         | QP            |
| 258.3263           | 47.55                   | -13.98         | 33.57                      | 46.00              | -12.43         | QP            |
| 311.0867           | 42.31                   | -12.29         | 30.02                      | 46.00              | -15.98         | QP            |
| 392.0951           | 39.47                   | -10.38         | 29.09                      | 46.00              | -16.91         | QP            |
| 896.9964           | 39.02                   | -1.48          | 37.54                      | 46.00              | -8.46          | QP            |

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.

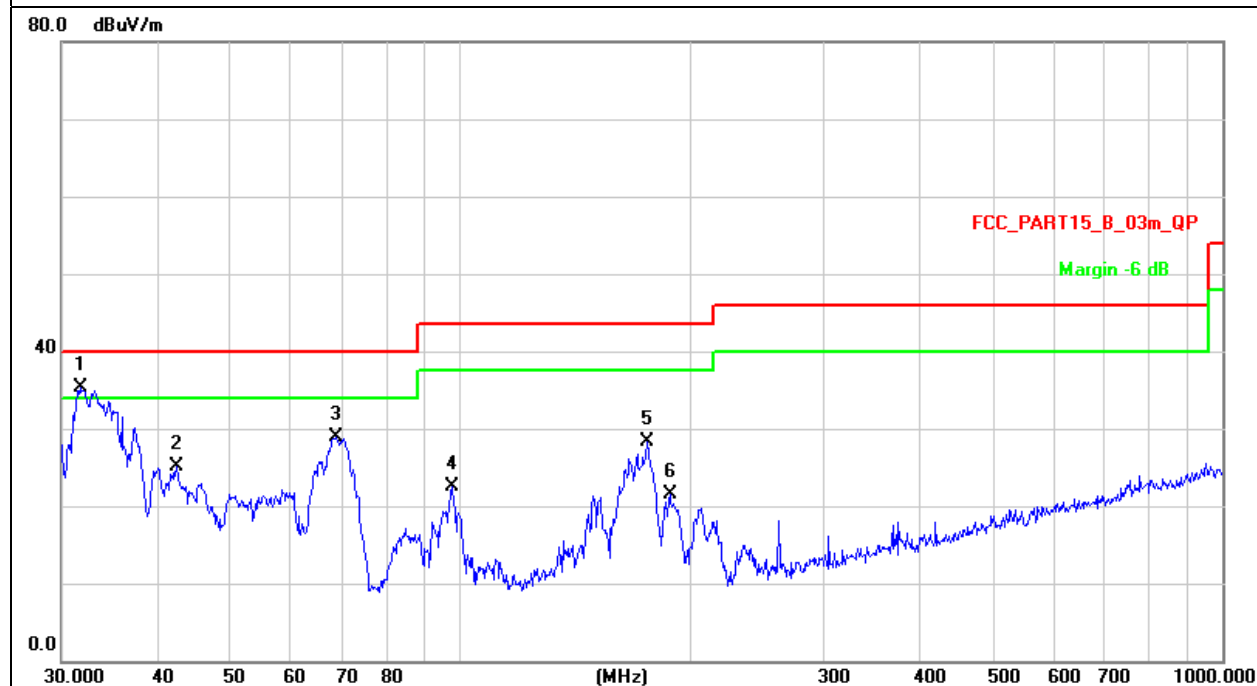


|               |                         |                     |           |
|---------------|-------------------------|---------------------|-----------|
| EUT :         | MatrixRTK GNSS Receiver | Model Name :        | MatrixRTK |
| Temperature : | 20 °C                   | Relative Humidity : | 48%       |
| Pressure :    | 1010 hPa                | Test Voltage :      | AC120V    |
| Test Mode :   | Mode 1                  | Polarization :      | Vertical  |

| Frequency | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|-----------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 31.7313   | 43.62         | -8.25  | 35.37          | 40.00    | -4.63  | QP            |
| 42.4508   | 34.27         | -9.16  | 25.11          | 40.00    | -14.89 | QP            |
| 68.8721   | 42.94         | -14.08 | 28.86          | 40.00    | -11.14 | QP            |
| 97.4560   | 39.28         | -16.76 | 22.52          | 43.50    | -20.98 | QP            |
| 176.2684  | 42.36         | -14.01 | 28.35          | 43.50    | -15.15 | QP            |
| 188.4123  | 36.78         | -15.37 | 21.41          | 43.50    | -22.09 | QP            |

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.



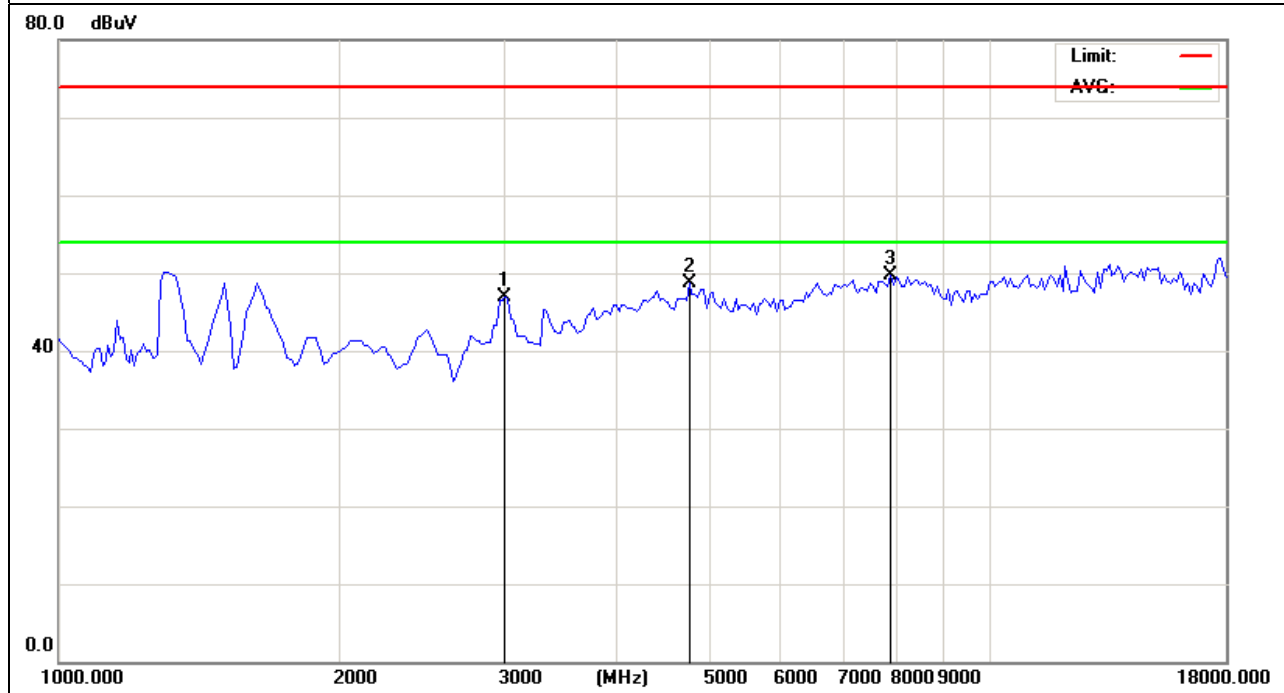
### 3.2.7 TEST RESULTS(Above 1GHz)

|               |                         |                     |            |
|---------------|-------------------------|---------------------|------------|
| EUT :         | MatrixRTK GNSS Receiver | Model Name :        | MatrixRTK  |
| Temperature : | 20 °C                   | Relative Humidity : | 48%        |
| Pressure :    | 1010 hPa                | Test Voltage :      | AC120V     |
| Test Mode :   | Model 1                 | Polarization :      | Horizontal |

| Frequency | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|-----------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3040      | 58.6          | -11.63 | 46.97          | 74       | -27.03 | peak          |
| 4782.5    | 52.64         | -3.91  | 48.73          | 74       | -25.27 | peak          |
| 7842.5    | 49.33         | 0.44   | 49.77          | 74       | -24.23 | peak          |
|           |               |        |                |          |        |               |

Remark:

1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

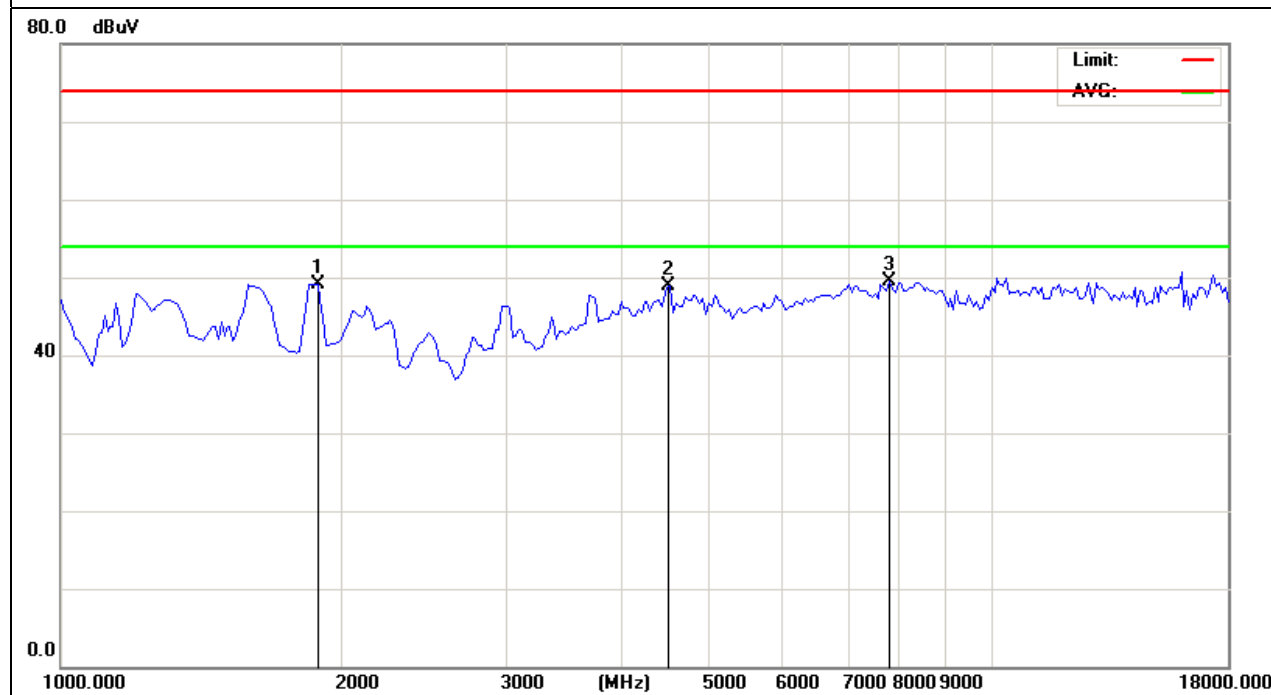


|               |                         |                     |           |
|---------------|-------------------------|---------------------|-----------|
| EUT :         | MatrixRTK GNSS Receiver | Model Name :        | MatrixRTK |
| Temperature : | 20 °C                   | Relative Humidity : | 48%       |
| Pressure :    | 1010 hPa                | Test Voltage :      | AC120V    |
| Test Mode :   | Model 1                 | Polarization :      | Vertical  |

| Frequency | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|-----------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 1892.5    | 63.44         | -14.28 | 49.16          | 74       | -24.84 | peak          |
| 4527.5    | 54.53         | -5.59  | 48.94          | 74       | -25.06 | peak          |
| 7800      | 48.99         | 0.55   | 49.54          | 74       | -24.46 | peak          |
|           |               |        |                |          |        |               |

Remark:

1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.



### RADIATED SPURIOUS EMISSION



CONDUCTED EMISSION TEST

