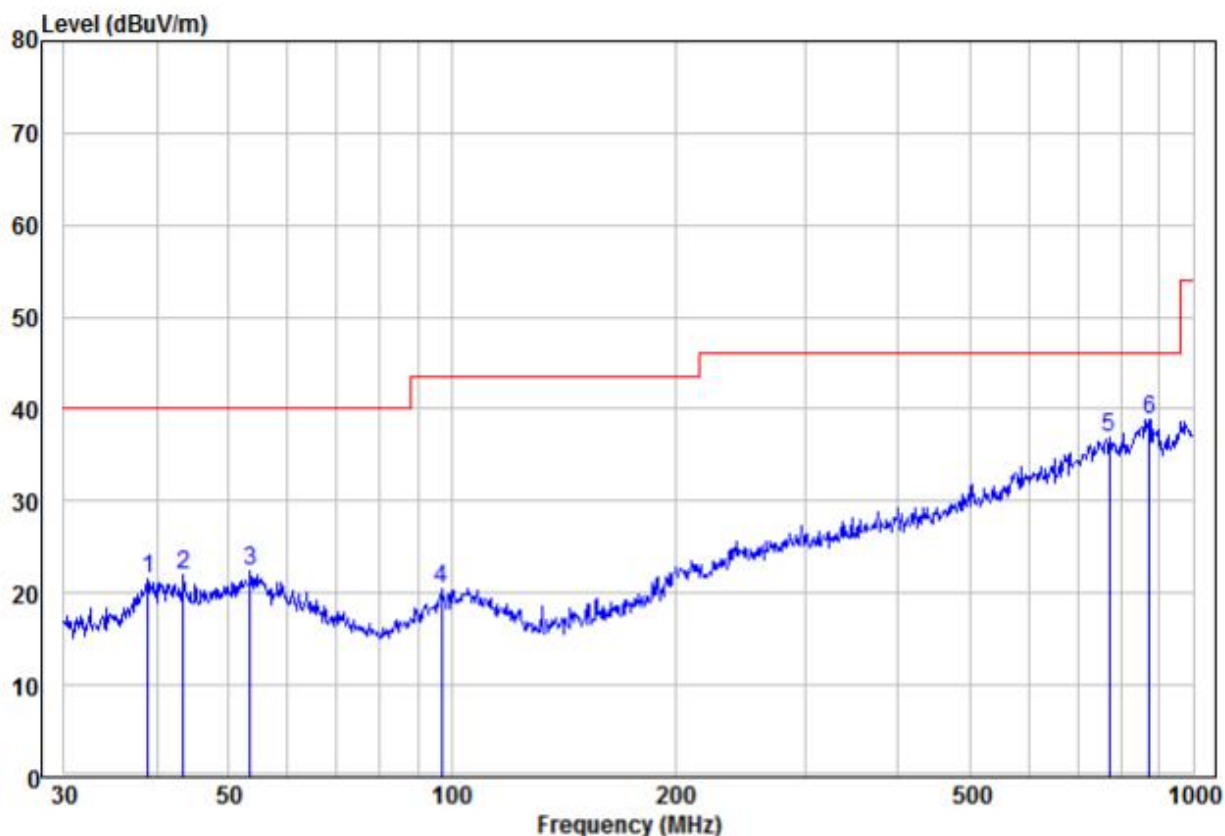


30MHz~1GHz, the worst case

Test mode:

Transmitting mode

Vertical

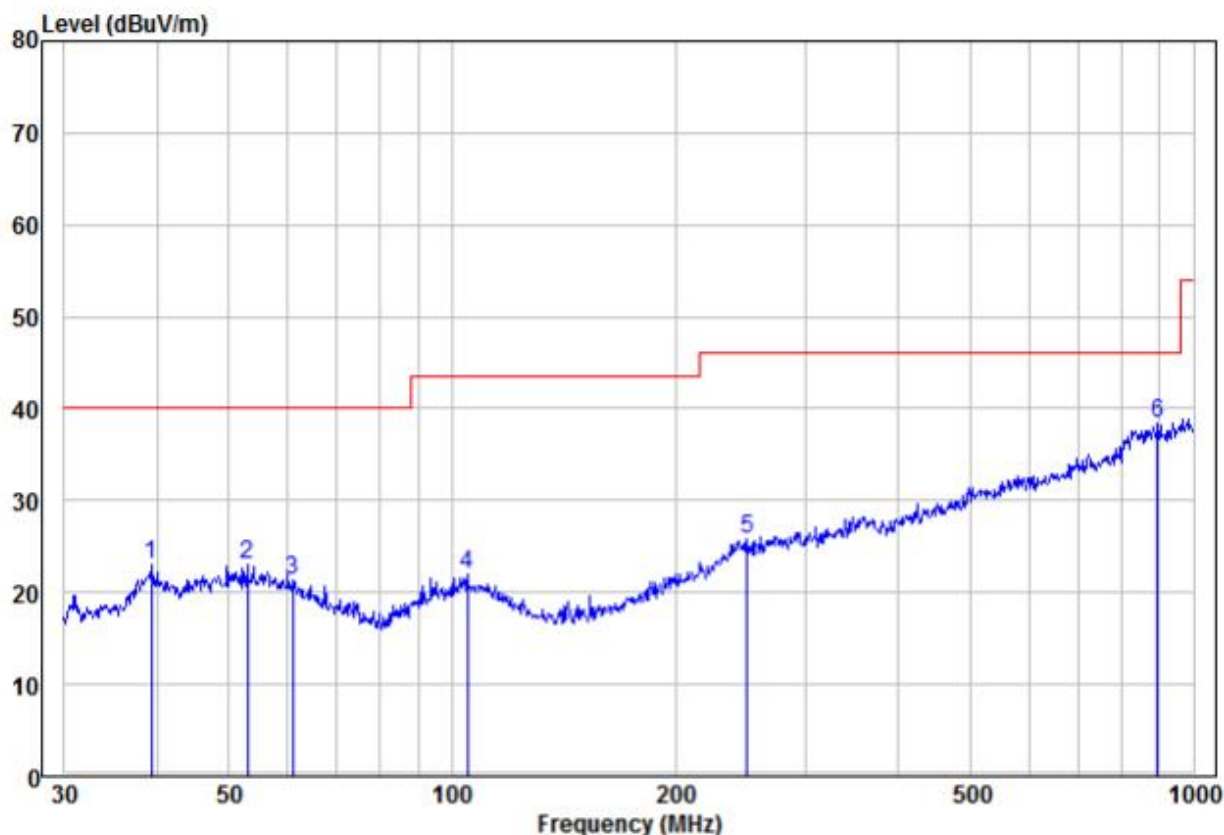


|      | Freq   | Read Level | Factor | Level  | Limit Line | Over Limit | Remark | Pol/Phase |
|------|--------|------------|--------|--------|------------|------------|--------|-----------|
|      | MHz    | dBuV       | dB/m   | dBuV/m | dBuV/m     | dB         |        |           |
| 1    | 38.89  | 11.33      | 10.26  | 21.59  | 40.00      | -18.41     | Peak   | VERTICAL  |
| 2    | 43.51  | 10.29      | 11.64  | 21.93  | 40.00      | -18.07     | Peak   | VERTICAL  |
| 3    | 53.51  | 9.74       | 12.75  | 22.49  | 40.00      | -17.51     | Peak   | VERTICAL  |
| 4    | 96.77  | 9.17       | 11.34  | 20.51  | 43.50      | -22.99     | Peak   | VERTICAL  |
| 5    | 771.45 | 11.78      | 25.14  | 36.92  | 46.00      | -9.08      | Peak   | VERTICAL  |
| 6 pp | 872.18 | 10.03      | 28.84  | 38.87  | 46.00      | -7.13      | Peak   | VERTICAL  |

## ZHONGSHAN ZHONGWANGDE NEW ENERGY TECHNOLOGY CO.,LTD.

30MHz~1GHz, the worst case

|            |                   |            |
|------------|-------------------|------------|
| Test mode: | Transmitting mode | Horizontal |
|------------|-------------------|------------|



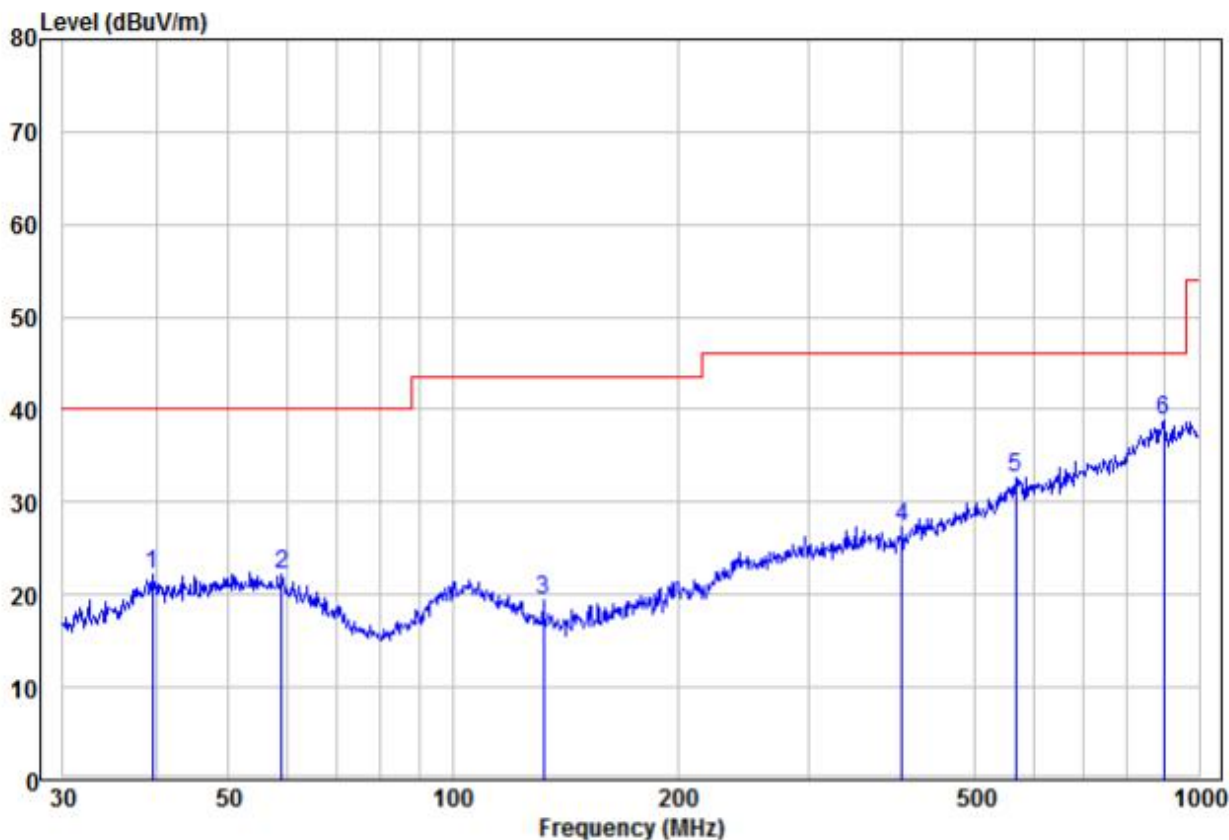
|      | Freq   | Read Level | Factor | Level  | Limit Line | Over Limit | Remark | Pol/Phase  |
|------|--------|------------|--------|--------|------------|------------|--------|------------|
|      | MHz    | dBuV       | dB/m   | dBuV/m | dBuV/m     | dB         |        |            |
| 1    | 39.30  | 12.54      | 10.41  | 22.95  | 40.00      | -17.05     | Peak   | HORIZONTAL |
| 2    | 52.95  | 10.27      | 12.72  | 22.99  | 40.00      | -17.01     | Peak   | HORIZONTAL |
| 3    | 60.92  | 9.47       | 11.85  | 21.32  | 40.00      | -18.68     | Peak   | HORIZONTAL |
| 4    | 104.90 | 10.09      | 11.86  | 21.95  | 43.50      | -21.55     | Peak   | HORIZONTAL |
| 5    | 250.30 | 10.04      | 15.73  | 25.77  | 46.00      | -20.23     | Peak   | HORIZONTAL |
| 6 pp | 893.86 | 9.30       | 29.20  | 38.50  | 46.00      | -7.50      | Peak   | HORIZONTAL |

30MHz~1GHz, the worst case

Test mode:

Transmitting mode

Vertical



|      | Freq   | Read Level | Factor | Level  | Limit Line | Over Limit | Remark | Pol/Phase |
|------|--------|------------|--------|--------|------------|------------|--------|-----------|
|      | MHz    | dBuV       | dB/m   | dBuV/m | dBuV/m     | dB         |        |           |
| 1    | 39.58  | 11.62      | 10.50  | 22.12  | 40.00      | -17.88     | Peak   | VERTICAL  |
| 2    | 59.03  | 9.93       | 12.23  | 22.16  | 40.00      | -17.84     | Peak   | VERTICAL  |
| 3    | 132.22 | 10.80      | 8.69   | 19.49  | 43.50      | -24.01     | Peak   | VERTICAL  |
| 4    | 400.43 | 8.85       | 18.40  | 27.25  | 46.00      | -18.75     | Peak   | VERTICAL  |
| 5    | 568.61 | 10.50      | 22.05  | 32.55  | 46.00      | -13.45     | Peak   | VERTICAL  |
| 6 pp | 897.00 | 9.71       | 29.05  | 38.76  | 46.00      | -7.24      | Peak   | VERTICAL  |

Transmitter Emission above 1GHz

| Worse case mode: |               | GFSK(1Mbps) |                | Test channel: |        | Lowest         |           |                |             |
|------------------|---------------|-------------|----------------|---------------|--------|----------------|-----------|----------------|-------------|
| Frequency        | Meter Reading | Factor      | Emission Level | Limits        | Over   | Detect or Type | Ant. Pol. | Antenna Height | Table Angle |
| (MHz)            | (dBμV)        | (dB)        | (dBμV/m)       | (dBμV/m)      | (dB)   |                | H/V       | (m)            | (Degree)    |
| 2390             | 54.62         | -9.2        | 45.42          | 74            | -28.58 | Peak           | H         | 1.5            | 69          |
| 2400             | 55.99         | -9.39       | 46.60          | 74            | -27.40 | Peak           | H         | 1.5            | 181         |
| 4804             | 52.43         | -4.33       | 48.10          | 74            | -25.90 | Peak           | H         | 1.5            | 106         |
| 7206             | 51.08         | 1.01        | 52.09          | 74            | -21.91 | Peak           | H         | 1.5            | 36          |
| 2390             | 55.08         | -9.2        | 45.88          | 74            | -28.12 | Peak           | V         | 1.5            | 204         |
| 2400             | 51.12         | -9.39       | 41.73          | 74            | -32.27 | Peak           | V         | 1.5            | 240         |
| 4804             | 53.22         | -4.33       | 48.89          | 74            | -25.11 | Peak           | V         | 1.5            | 108         |
| 7206             | 48.60         | 1.01        | 49.61          | 74            | -24.39 | Peak           | V         | 1.5            | 12          |

| Worse case mode: |               | GFSK(1Mbps) |                | Test channel: |        | Middle         |           |                |             |
|------------------|---------------|-------------|----------------|---------------|--------|----------------|-----------|----------------|-------------|
| Frequency        | Meter Reading | Factor      | Emission Level | Limits        | Over   | Detect or Type | Ant. Pol. | Antenna Height | Table Angle |
| (MHz)            | (dBμV)        | (dB)        | (dBμV/m)       | (dBμV/m)      | (dB)   |                | H/V       | (m)            | (Degree)    |
| 4880             | 50.41         | -4.11       | 46.30          | 74            | -27.70 | peak           | H         | 1.5            | 94          |
| 7320             | 51.16         | 1.51        | 52.67          | 74            | -21.33 | peak           | H         | 1.5            | 121         |
| 4880             | 53.48         | -4.11       | 49.37          | 74            | -24.63 | peak           | V         | 1.5            | 1           |
| 7320             | 51.04         | 1.51        | 52.55          | 74            | -21.45 | peak           | V         | 1.5            | 310         |

| Worse case mode: |               | GFSK(1Mbps) |                | Test channel: |        | Highest        |           |                |             |
|------------------|---------------|-------------|----------------|---------------|--------|----------------|-----------|----------------|-------------|
| Frequency        | Meter Reading | Factor      | Emission Level | Limits        | Over   | Detect or Type | Ant. Pol. | Antenna Height | Table Angle |
| (MHz)            | (dBμV)        | (dB)        | (dBμV/m)       | (dBμV/m)      | (dB)   |                | H/V       | (m)            | (Degree)    |
| 2483.5           | 53.43         | -9.2        | 44.23          | 74            | -29.77 | Peak           | H         | 1.5            | 321         |
| 4960             | 55.18         | -9.39       | 45.79          | 74            | -28.21 | Peak           | H         | 1.5            | 229         |
| 7440             | 51.99         | -4.33       | 47.66          | 74            | -26.34 | Peak           | H         | 1.5            | 203         |
| 2483.5           | 48.88         | 1.01        | 49.89          | 74            | -24.11 | Peak           | V         | 1.5            | 207         |
| 4960             | 53.56         | -9.2        | 44.36          | 74            | -29.64 | Peak           | V         | 1.5            | 338         |
| 7440             | 52.37         | -9.39       | 42.98          | 74            | -31.02 | Peak           | V         | 1.5            | 76          |

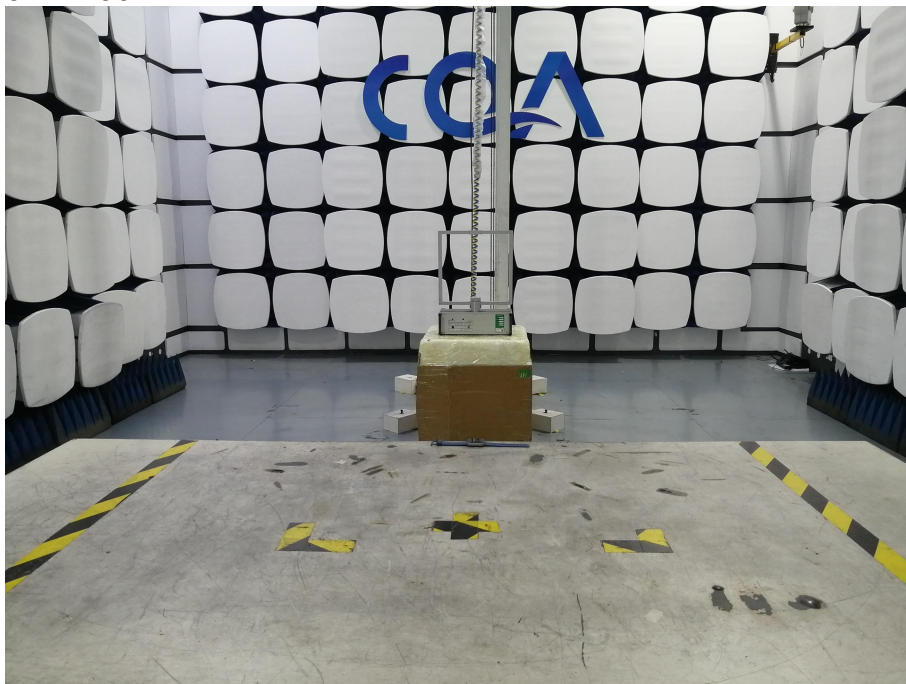
Remark:

- The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:  
Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor
- Scan from 9kHz to 25GHz, the disturbance above 10GHz and below 30MHz was very low. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. So, only the peak measurements were shown in the report.

## 6 Photographs - EUT Test Setup

### 6.1 Radiated Spurious Emission

9kHz~30MHz:



30MHz~1GHz:

