

# ZIPPY EMC LAB

21 Jul 2004 15:40

## conduction test

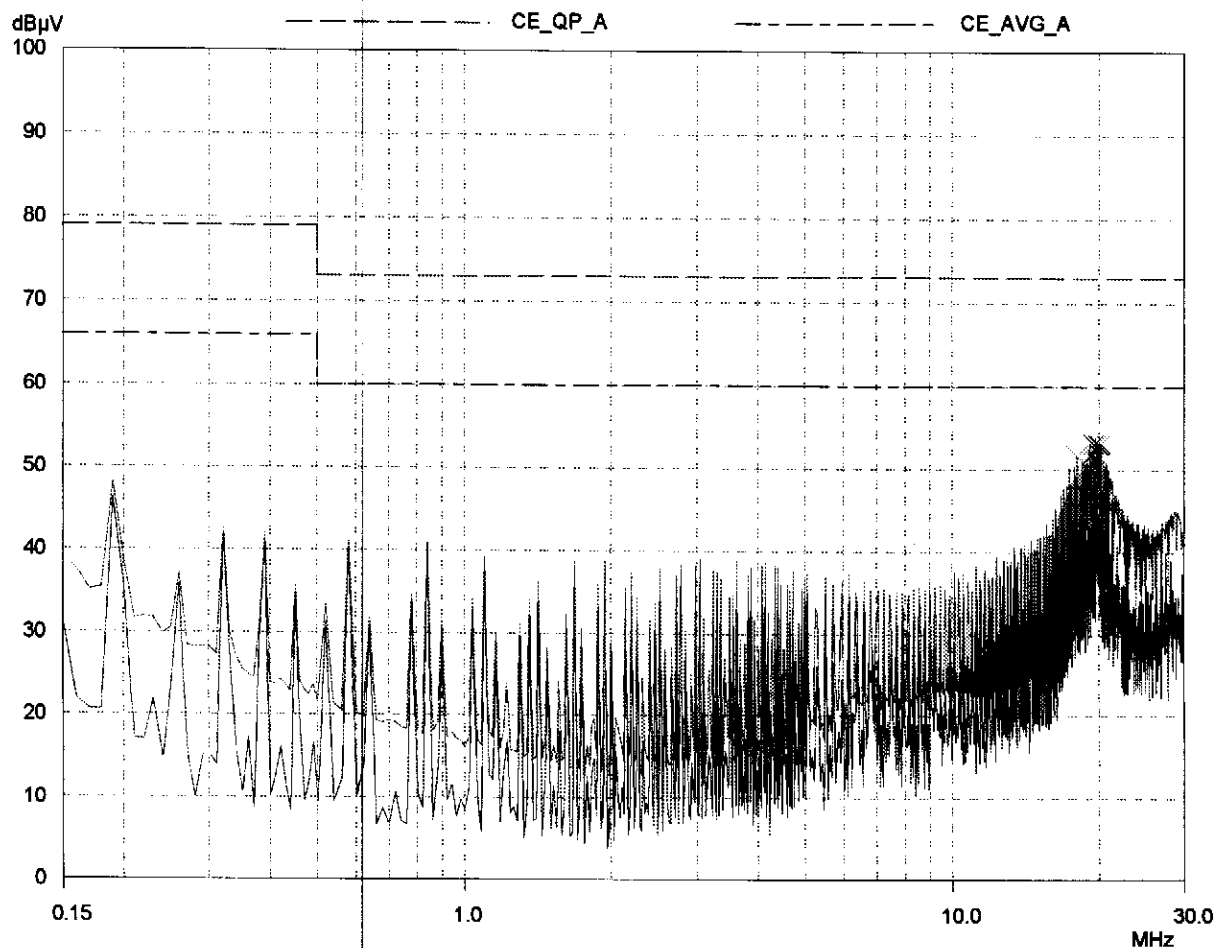
EUT: H1U-6150P SPS  
 Manuf: ZIPPY TECH CO.,LTD  
 Op Cond: FULL LOAD  
 Operator:  
 Test Spec: CISPR 22 – Class A  
 Comment: Load Condition ( 6 7 0.2 0.5 8 2 )  
 L110V

### Scan Settings (3 Ranges)

| Frequencies |        |       | Receiver Settings |          |        |       |        |       |
|-------------|--------|-------|-------------------|----------|--------|-------|--------|-------|
| Start       | Stop   | Step  | IF BW             | Detector | M-Time | Atten | Preamp | OpRge |
| 150kHz      | 500kHz | 10kHz | 10kHz             | QP+AV    | 1msec  | Auto  | OFF    | 60dB  |
| 500kHz      | 5MHz   | 20kHz | 10kHz             | QP+AV    | 1msec  | Auto  | OFF    | 60dB  |
| 5MHz        | 30MHz  | 50kHz | 10kHz             | QP+AV    | 1msec  | Auto  | OFF    | 60dB  |

| Transducer | No. | Start  | Stop  | Name |
|------------|-----|--------|-------|------|
|            | 1   | 150kHz | 30MHz | CEB  |

Prescan Measurement: Detectors: X QP / + AV  
 Meas Time: see scan settings  
 Peaks: 8  
 Acc Margin: 25 dB



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### Peak Search Results

| Frequency MHz | QP Level dBµV | QP Limit dBµV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 18.0          | 51.69         | 73.00         | 21.31       | N       | gnd  |
| 18.9          | 51.51         | 73.00         | 21.49       | N       | gnd  |
| 19.1          | 53.07         | 73.00         | 19.93       | N       | gnd  |
| 19.35         | 51.89         | 73.00         | 21.11       | N       | gnd  |
| 19.55         | 53.09         | 73.00         | 19.91       | N       | gnd  |
| 19.8          | 53.09         | 73.00         | 19.91       | N       | gnd  |
| 20.0          | 53.00         | 73.00         | 20.00       | N       | gnd  |
| 20.2          | 53.12         | 73.00         | 19.88       | N       | gnd  |

| Frequency MHz | AV Level dBµV | AV Limit dBµV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 17.8          | 45.89         | 60.00         | 14.11       | N       | gnd  |
| 18.0          | 47.94         | 60.00         | 12.06       | N       | gnd  |
| 19.6          | 47.18         | 60.00         | 12.82       | N       | gnd  |
| 19.8          | 46.78         | 60.00         | 13.22       | N       | gnd  |
| 20.25         | 45.46         | 60.00         | 14.54       | N       | gnd  |
| 20.7          | 45.38         | 60.00         | 14.62       | N       | gnd  |
| 20.85         | 45.87         | 60.00         | 14.13       | N       | gnd  |
| 21.3          | 45.23         | 60.00         | 14.77       | N       | gnd  |

\* limit exceeded

Indicated Phase/PE shows Configuration of max. Emission

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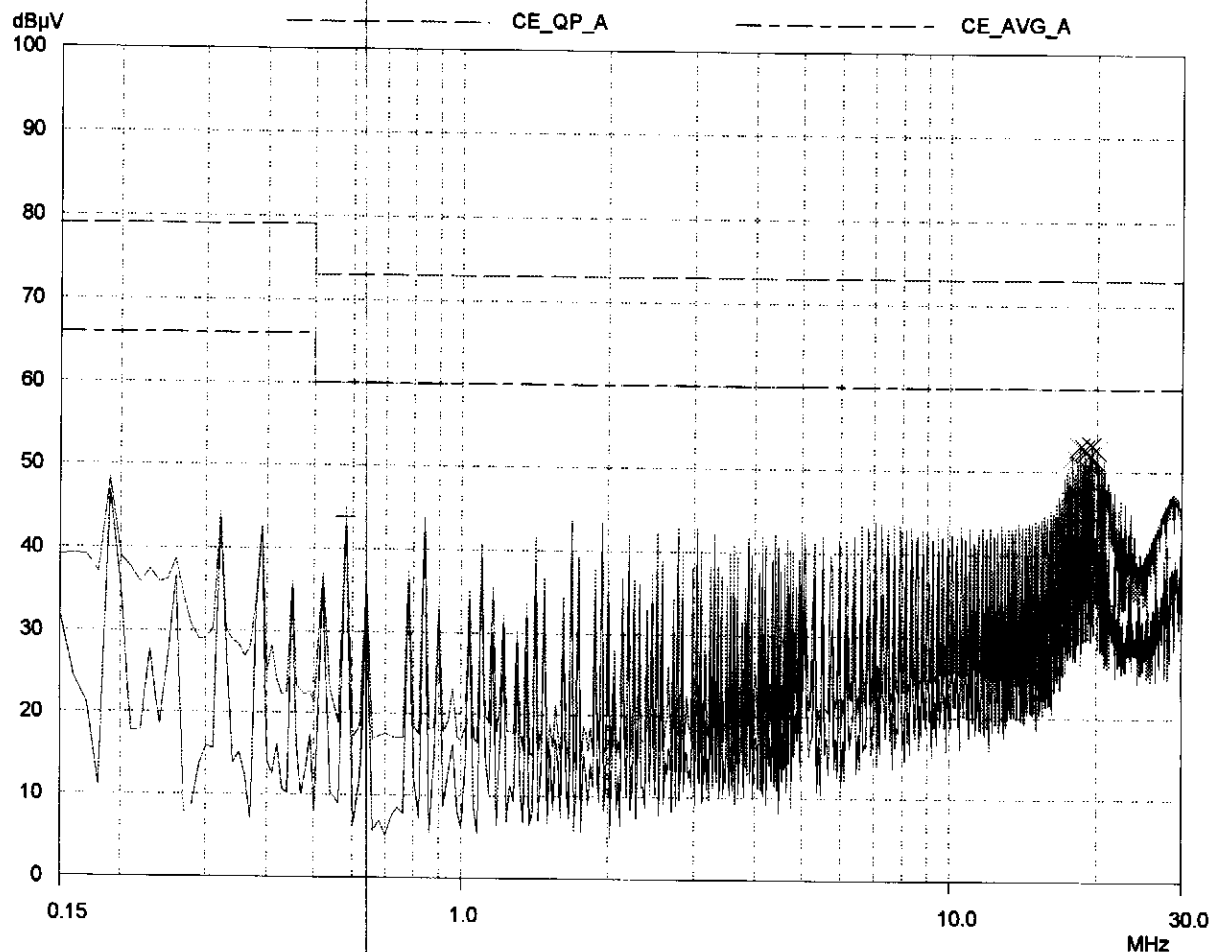
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 N110V

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|-------------|--------|-------|-------|----------|--------|-------------------|--------|-------|--|
| Start       | Stop   | Step  | IF BW | Detector | M-Time | Atten             | Preamp | OpRge |  |
| 150kHz      | 500kHz | 10kHz | 10kHz | QP+AV    | 1msec  | Auto              | OFF    | 60dB  |  |
| 500kHz      | 5MHz   | 20kHz | 10kHz | QP+AV    | 1msec  | Auto              | OFF    | 60dB  |  |
| 5MHz        | 30MHz  | 50kHz | 10kHz | QP+AV    | 1msec  | Auto              | OFF    | 60dB  |  |

| Transducer | No. | Start  | Stop  | Name |
|------------|-----|--------|-------|------|
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### Peak Search Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 17.8          | 51.69         | 73.00         | 21.31       | N       | gnd  |
| 18.25         | 51.39         | 73.00         | 21.61       | N       | gnd  |
| 18.45         | 52.91         | 73.00         | 20.09       | N       | gnd  |
| 18.9          | 52.67         | 73.00         | 20.33       | N       | gnd  |
| 19.35         | 51.93         | 73.00         | 21.07       | N       | gnd  |
| 19.55         | 53.05         | 73.00         | 19.95       | N       | gnd  |
| 19.8          | 51.33         | 73.00         | 21.67       | N       | gnd  |
| 20.0          | 52.52         | 73.00         | 20.48       | N       | gnd  |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase - | PE - |
|---------------|---------------|---------------|-------------|---------|------|
| 0.58          | 43.79         | 60.00         | 16.21       | N       | gnd  |
| 17.15         | 43.79         | 60.00         | 16.21       | N       | gnd  |
| 17.8          | 47.56         | 60.00         | 12.44       | N       | gnd  |
| 18.25         | 47.87         | 60.00         | 12.13       | N       | gnd  |
| 18.95         | 44.25         | 60.00         | 15.75       | N       | gnd  |
| 19.15         | 44.36         | 60.00         | 15.64       | N       | gnd  |
| 19.35         | 48.09         | 60.00         | 11.91       | N       | gnd  |
| 20.45         | 45.38         | 60.00         | 14.62       | N       | gnd  |

\* limit exceeded

Indicated Phase/PE shows Configuration of max. Emission