

# ZIPPY EMC LAB

## conduction test

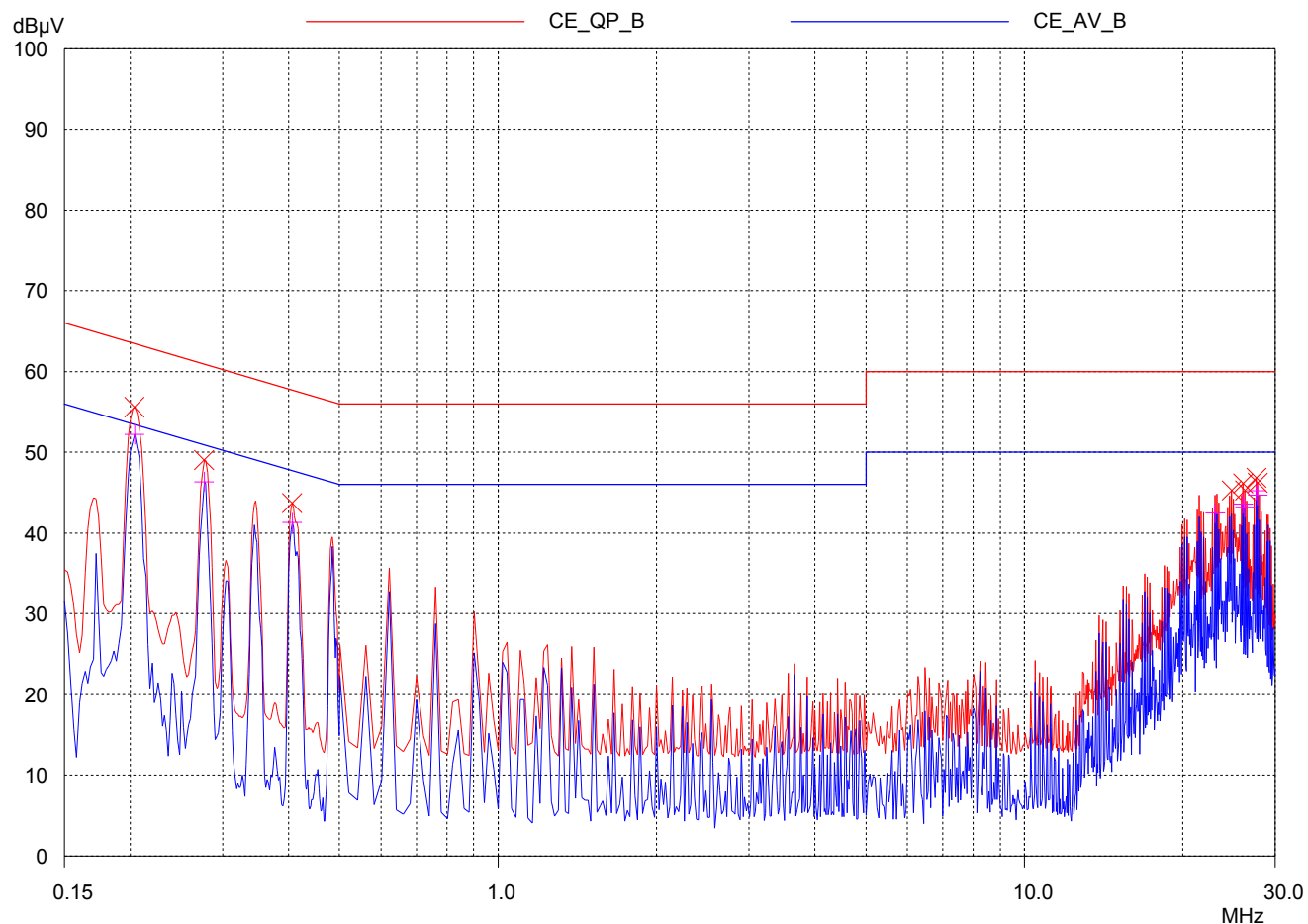
EUT: PSL-6AH0V SPS  
Manuf: ZIPPY TECH CO..LTD  
Op Cond: FULL LOAD  
Operator:  
Test Spec: FCC Part 15-- Class B  
Comment: Load Condition (75 59 20 0.8 20 3.5)  
L110V

### Scan Settings (3 Ranges)

| Frequencies |        |       | Receiver Settings |          |        |       |        |       |
|-------------|--------|-------|-------------------|----------|--------|-------|--------|-------|
| Start       | Stop   | Step  | IF BW             | Detector | M-Time | Atten | Preamp | OpRge |
| 150kHz      | 500kHz | 2kHz  | 10kHz             | QP+AV    | 1msec  | Auto  | OFF    | 60dB  |
| 500kHz      | 5MHz   | 20kHz | 10kHz             | QP+AV    | 1msec  | Auto  | OFF    | 60dB  |
| 5MHz        | 30MHz  | 40kHz | 10kHz             | QP+AV    | 1msec  | Auto  | OFF    | 60dB  |

| Transducer | No. | Start | Stop  | Name |
|------------|-----|-------|-------|------|
|            | 1   | 9kHz  | 30MHz | CEB  |

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



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| 500kHz        | 5MHz   | 20kHz       | 10kHz | QP+AV    | 1msec             | Auto  | OFF    | 60dB  |
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### Peak Search Results

| Frequency<br>MHz | QP Level<br>dBµV | QP Limit<br>dBµV | QP Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.204            | 55.57            | 63.45            | 7.88           | N          | gnd     |
| 0.276            | 49.02            | 60.94            | 11.92          | N          | gnd     |
| 0.406            | 43.67            | 57.73            | 14.06          | N          | gnd     |
| 24.72            | 45.26            | 60.00            | 14.74          | N          | gnd     |
| 26.04            | 46.14            | 60.00            | 13.86          | N          | gnd     |
| 26.24            | 45.23            | 60.00            | 14.77          | N          | gnd     |
| 27.56            | 46.79            | 60.00            | 13.21          | N          | gnd     |
| 27.76            | 46.23            | 60.00            | 13.77          | N          | gnd     |

| Frequency<br>MHz | AV Level<br>dBµV | AV Limit<br>dBµV | AV Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.204            | 52.19            | 53.45            | 1.26           | N          | gnd     |
| 0.276            | 46.34            | 50.94            | 4.60           | N          | gnd     |
| 0.406            | 41.27            | 47.73            | 6.46           | N          | gnd     |
| 23.0             | 42.45            | 50.00            | 7.55           | N          | gnd     |
| 26.04            | 43.59            | 50.00            | 6.41           | N          | gnd     |
| 26.24            | 43.16            | 50.00            | 6.84           | N          | gnd     |
| 27.56            | 45.23            | 50.00            | 4.77           | N          | gnd     |
| 27.76            | 44.65            | 50.00            | 5.35           | N          | gnd     |

\* limit exceeded

Indicated Phase/PE shows Configuration of max. Emission

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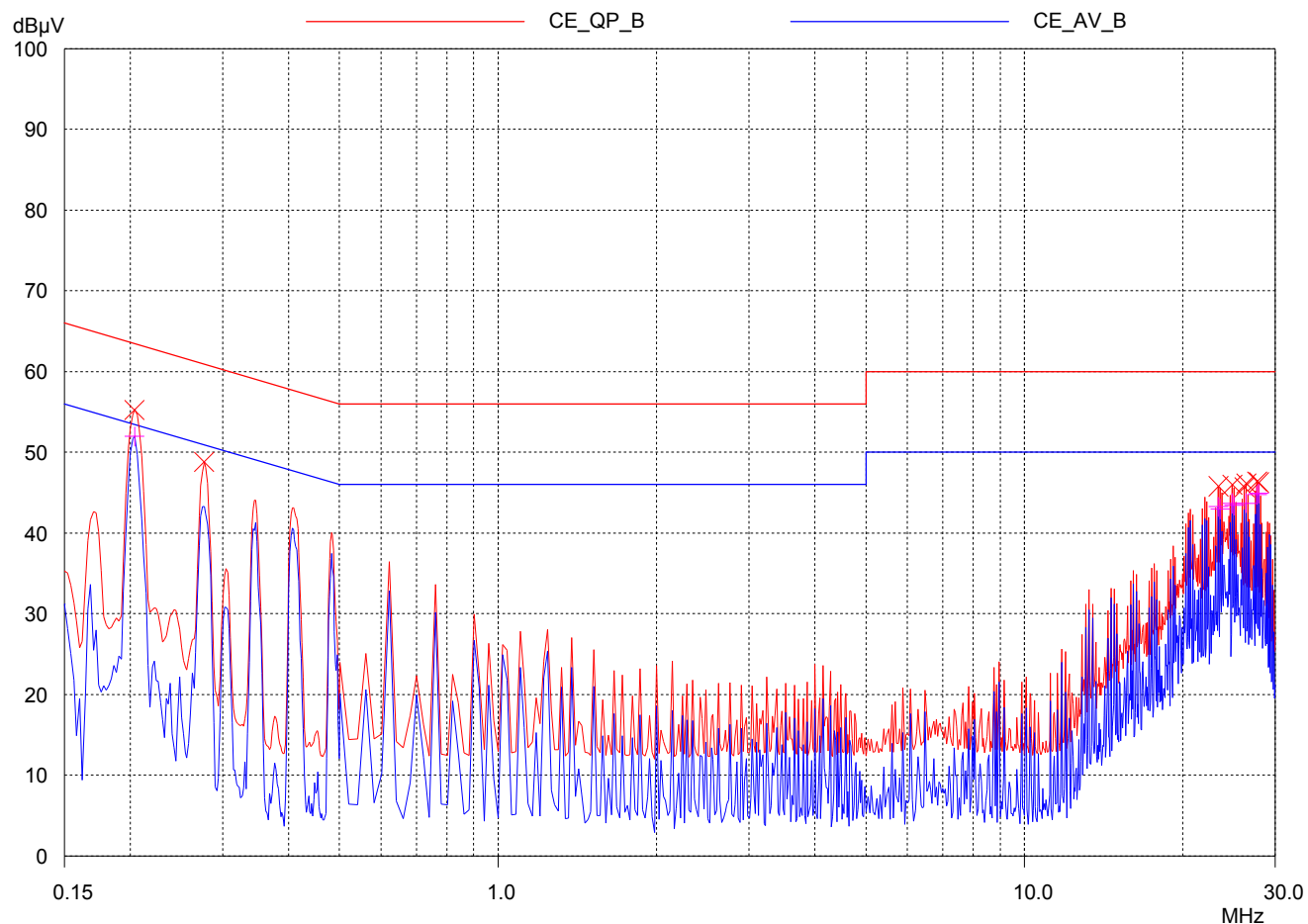
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N110V

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| Frequencies |        |       | Receiver Settings |          |        |       |        |       |
|-------------|--------|-------|-------------------|----------|--------|-------|--------|-------|
| Start       | Stop   | Step  | IF BW             | Detector | M-Time | Atten | Preamp | OpRge |
| 150kHz      | 500kHz | 2kHz  | 10kHz             | QP+AV    | 1msec  | Auto  | OFF    | 60dB  |
| 500kHz      | 5MHz   | 20kHz | 10kHz             | QP+AV    | 1msec  | Auto  | OFF    | 60dB  |
| 5MHz        | 30MHz  | 40kHz | 10kHz             | QP+AV    | 1msec  | Auto  | OFF    | 60dB  |

| Transducer | No. | Start | Stop  | Name |
|------------|-----|-------|-------|------|
|            | 1   | 9kHz  | 30MHz | CEB  |

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| Start         | Stop   | Step        | IF BW | Detector | M-Time            | Atten | Preamp | OpRge |
| 150kHz        | 500kHz | 2kHz        | 10kHz | QP+AV    | 1msec             | Auto  | OFF    | 60dB  |
| 500kHz        | 5MHz   | 20kHz       | 10kHz | QP+AV    | 1msec             | Auto  | OFF    | 60dB  |
| 5MHz          | 30MHz  | 40kHz       | 10kHz | QP+AV    | 1msec             | Auto  | OFF    | 60dB  |

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### Peak Search Results

| Frequency<br>MHz | QP Level<br>dBµV | QP Limit<br>dBµV | QP Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.204            | 55.25            | 63.45            | 8.20           | N          | gnd     |
| 0.276            | 48.76            | 60.94            | 12.18          | N          | gnd     |
| 23.32            | 45.76            | 60.00            | 14.24          | N          | gnd     |
| 24.84            | 45.95            | 60.00            | 14.05          | N          | gnd     |
| 26.16            | 45.66            | 60.00            | 14.34          | N          | gnd     |
| 26.36            | 46.09            | 60.00            | 13.91          | N          | gnd     |
| 27.68            | 46.35            | 60.00            | 13.65          | N          | gnd     |
| 27.88            | 46.25            | 60.00            | 13.75          | N          | gnd     |

| Frequency<br>MHz | AV Level<br>dBµV | AV Limit<br>dBµV | AV Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.204            | 51.93            | 53.45            | 1.52           | N          | gnd     |
| 23.32            | 43.22            | 50.00            | 6.78           | N          | gnd     |
| 23.52            | 42.94            | 50.00            | 7.06           | N          | gnd     |
| 24.84            | 43.65            | 50.00            | 6.35           | N          | gnd     |
| 25.04            | 43.40            | 50.00            | 6.60           | N          | gnd     |
| 26.36            | 43.67            | 50.00            | 6.33           | N          | gnd     |
| 27.68            | 44.72            | 50.00            | 5.28           | N          | gnd     |
| 27.88            | 44.88            | 50.00            | 5.12           | N          | gnd     |

\* limit exceeded

Indicated Phase/PE shows Configuration of max. Emission