

# ZIPPY EMC LAB

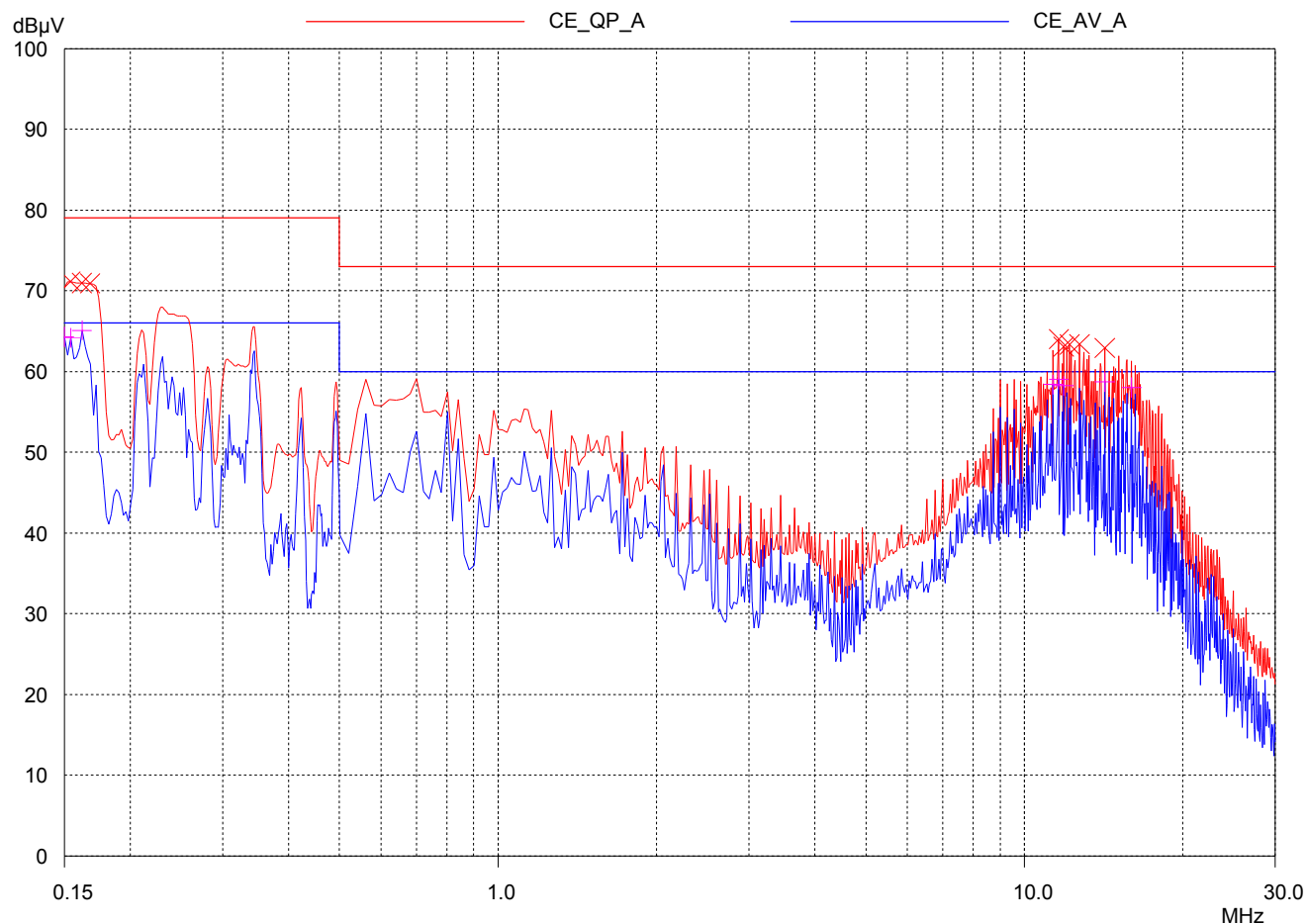
## conduction test

EUT: PSS2-5A00V3V SPS  
 Manuf: ZIPPY TECH CO..LTD  
 Op Cond: FULL LOAD  
 Operator:  
 Test Spec: FCC Part 15-- Class A  
 Comment: Load Condition (70 16 0.5 17 3 )  
 L110V

| Scan Settings |        |       | (3 Ranges) |          | 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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|---------------|--------|-------------|-------|----------|-------------------|-------|--------|-------|
|               |        | Frequencies |       |          |                   |       |        |       |
| Start         | Stop   | Step        | IF BW | Detector | M-Time            | Atten | Preamp | OpRge |
| 150kHz        | 500kHz | 2kHz        | 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>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.154            | 71.12            | 79.00            | 7.88           | N          | gnd     |
| 0.162            | 70.94            | 79.00            | 8.06           | N          | gnd     |
| 0.168            | 70.90            | 79.00            | 8.10           | N          | gnd     |
| 11.6             | 63.99            | 73.00            | 9.01           | N          | gnd     |
| 11.88            | 63.09            | 73.00            | 9.91           | N          | gnd     |
| 12.16            | 63.34            | 73.00            | 9.66           | N          | gnd     |
| 12.72            | 63.39            | 73.00            | 9.61           | N          | gnd     |
| 14.2             | 62.91            | 73.00            | 10.09          | N          | gnd     |

| Frequency<br>MHz | AV Level<br>dBµV | AV Limit<br>dBµV | AV Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.15             | 64.28            | 66.00            | 1.72           | N          | gnd     |
| 0.154            | 64.18            | 66.00            | 1.82           | N          | gnd     |
| 0.162            | 65.08            | 66.00            | 0.92           | N          | gnd     |
| 11.32            | 58.36            | 60.00            | 1.64           | N          | gnd     |
| 11.6             | 58.99            | 60.00            | 1.01           | N          | gnd     |
| 11.88            | 58.21            | 60.00            | 1.79           | N          | gnd     |
| 14.2             | 58.69            | 60.00            | 1.31           | N          | gnd     |
| 15.96            | 58.00            | 60.00            | 2.00           | N          | gnd     |

\* limit exceeded

Indicated Phase/PE shows Configuration of max. Emission

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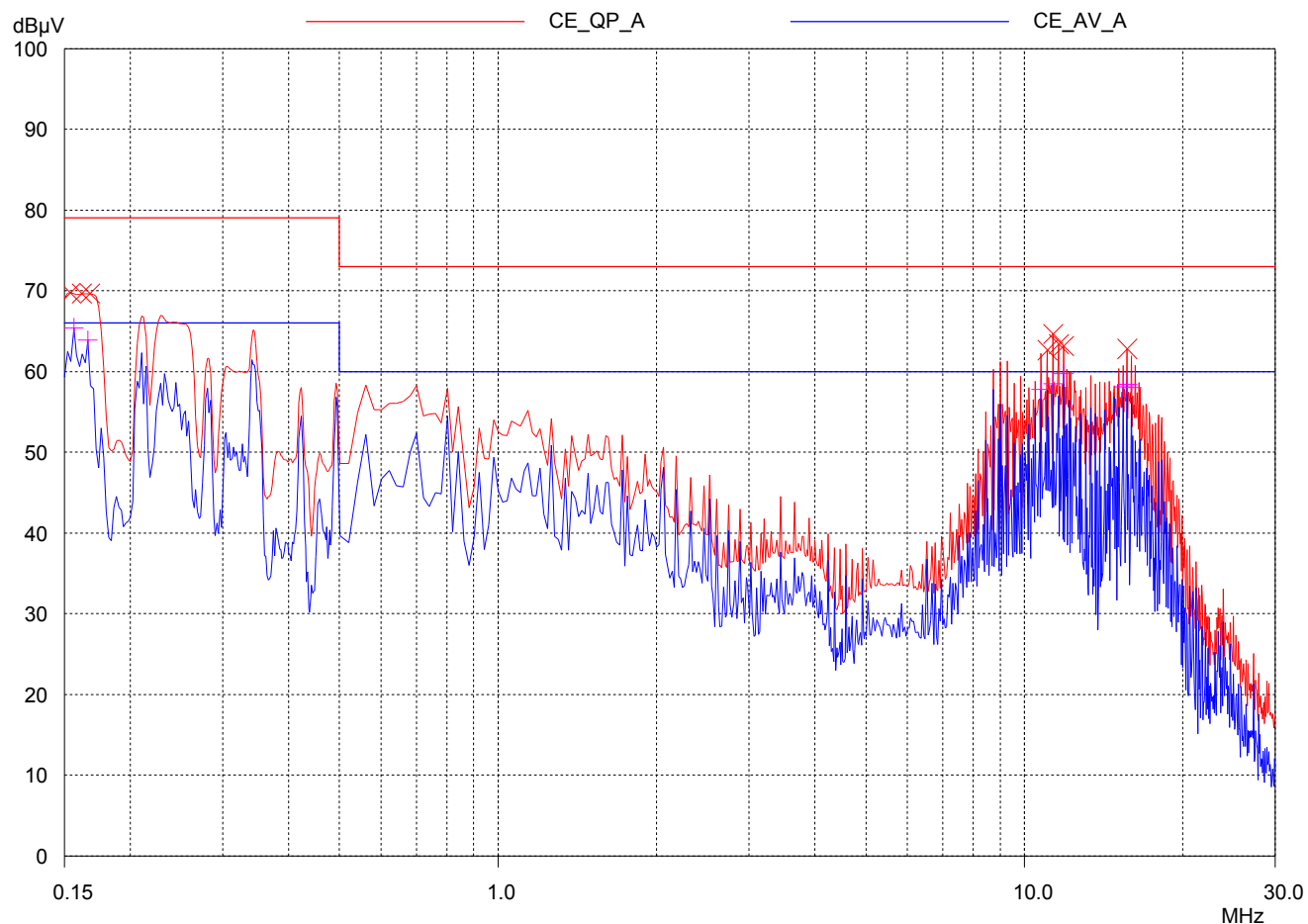
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|---------------|--------|-------|------------|----------|--------|-------|--------|-------|-------------------|--|--|--|
| Frequencies   |        |       |            |          |        |       |        |       |                   |  |  |  |
| Start         | 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 |
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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>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.154            | 69.74            | 79.00            | 9.26           | N          | gnd     |
| 0.162            | 69.62            | 79.00            | 9.38           | N          | gnd     |
| 0.168            | 69.62            | 79.00            | 9.38           | N          | gnd     |
| 11.04            | 62.63            | 73.00            | 10.37          | N          | gnd     |
| 11.32            | 64.66            | 73.00            | 8.34           | N          | gnd     |
| 11.6             | 63.35            | 73.00            | 9.65           | N          | gnd     |
| 11.88            | 63.15            | 73.00            | 9.85           | N          | gnd     |
| 15.68            | 62.79            | 73.00            | 10.21          | N          | gnd     |

| Frequency<br>MHz | AV Level<br>dBµV | AV Limit<br>dBµV | AV Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.156            | 65.39            | 66.00            | 0.61           | N          | gnd     |
| 0.166            | 63.88            | 66.00            | 2.12           | N          | gnd     |
| 10.76            | 57.80            | 60.00            | 2.20           | N          | gnd     |
| 11.32            | 58.48            | 60.00            | 1.52           | N          | gnd     |
| 11.88            | 59.69            | 60.00            | 0.31           | N          | gnd     |
| 15.4             | 58.09            | 60.00            | 1.91           | N          | gnd     |
| 15.68            | 58.38            | 60.00            | 1.62           | N          | gnd     |
| 15.96            | 58.00            | 60.00            | 2.00           | N          | gnd     |

\* limit exceeded

Indicated Phase/PE shows Configuration of max. Emission