

# ZIPPY EMC LAB

16 Jul 2009 19:28

## conduction test

EUT: PSM-5660V SPS  
 Manuf: ZIPPY TECH CO..LTD  
 Op Cond: FULL LOAD  
 Operator:  
 Test Spec: EN 55022-- Class B  
 Comment: Load Condition (40 20 0.8 16 3.5)  
 L110V

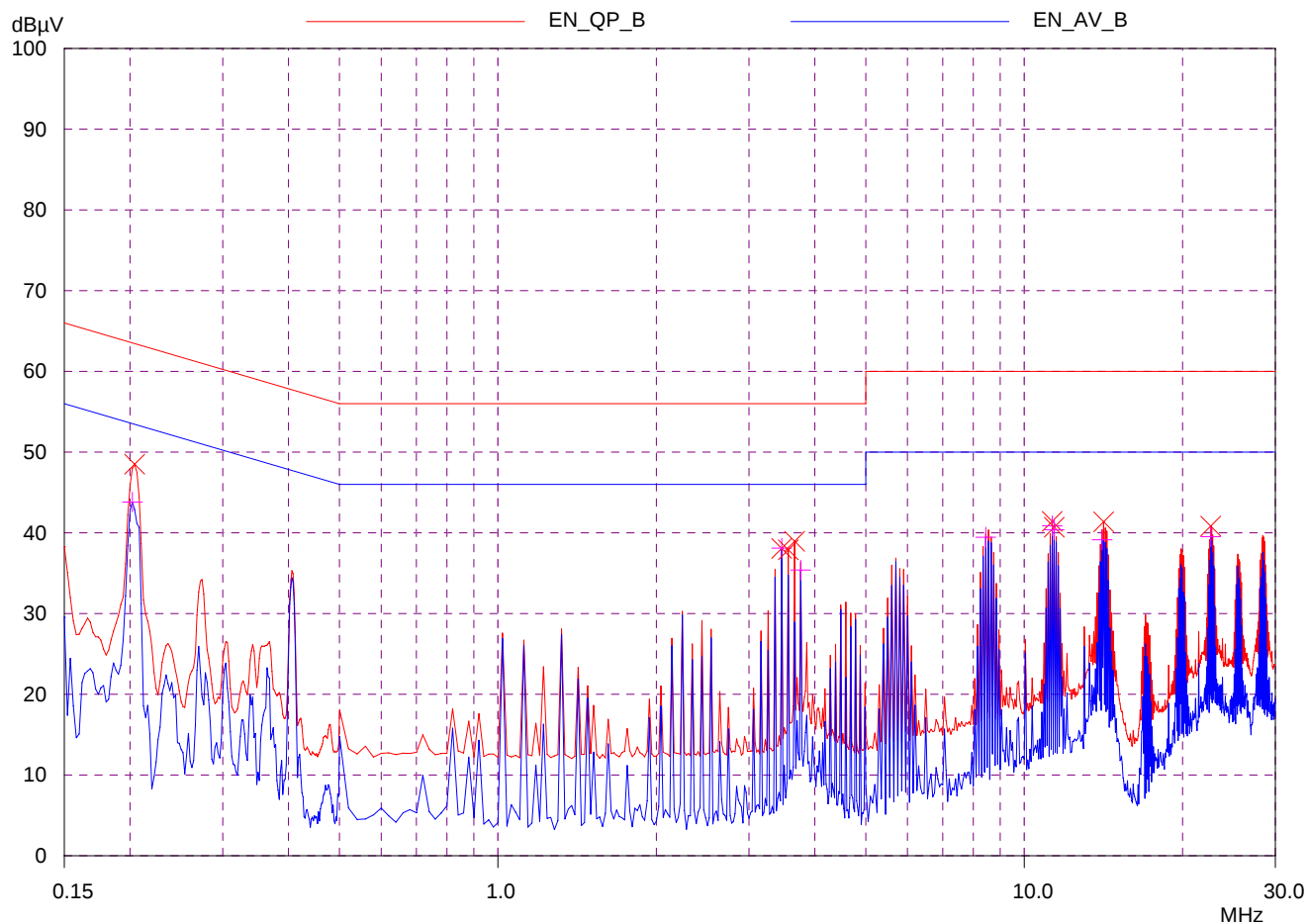
### Scan Settings

(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  | 50kHz | 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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### Peak Search Results

| Frequency<br>MHz | QP Level<br>dBμV | QP Limit<br>dBμV | QP Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.204            | 48.49            | 63.45            | 14.96          | N          | gnd     |
| 3.46             | 38.08            | 56.00            | 17.92          | N          | gnd     |
| 3.56             | 37.90            | 56.00            | 18.10          | N          | gnd     |
| 3.66             | 38.95            | 56.00            | 17.05          | N          | gnd     |
| 11.3             | 41.42            | 60.00            | 18.58          | N          | gnd     |
| 11.4             | 40.71            | 60.00            | 19.29          | N          | gnd     |
| 14.15            | 41.35            | 60.00            | 18.65          | N          | gnd     |
| 22.6             | 40.84            | 60.00            | 19.16          | N          | gnd     |

| Frequency<br>MHz | AV Level<br>dBμV | AV Limit<br>dBμV | AV Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.202            | 43.81            | 53.53            | 9.72           | N          | gnd     |
| 3.46             | 38.10            | 46.00            | 7.90           | N          | gnd     |
| 3.76             | 35.39            | 46.00            | 10.61          | N          | gnd     |
| 8.45             | 39.46            | 50.00            | 10.54          | N          | gnd     |
| 11.3             | 40.86            | 50.00            | 9.14           | N          | gnd     |
| 11.4             | 40.38            | 50.00            | 9.62           | N          | gnd     |
| 14.05            | 39.14            | 50.00            | 10.86          | N          | gnd     |
| 22.6             | 39.52            | 50.00            | 10.48          | N          | gnd     |

\* limit exceeded

Indicated Phase/PE shows Configuration of max. Emission

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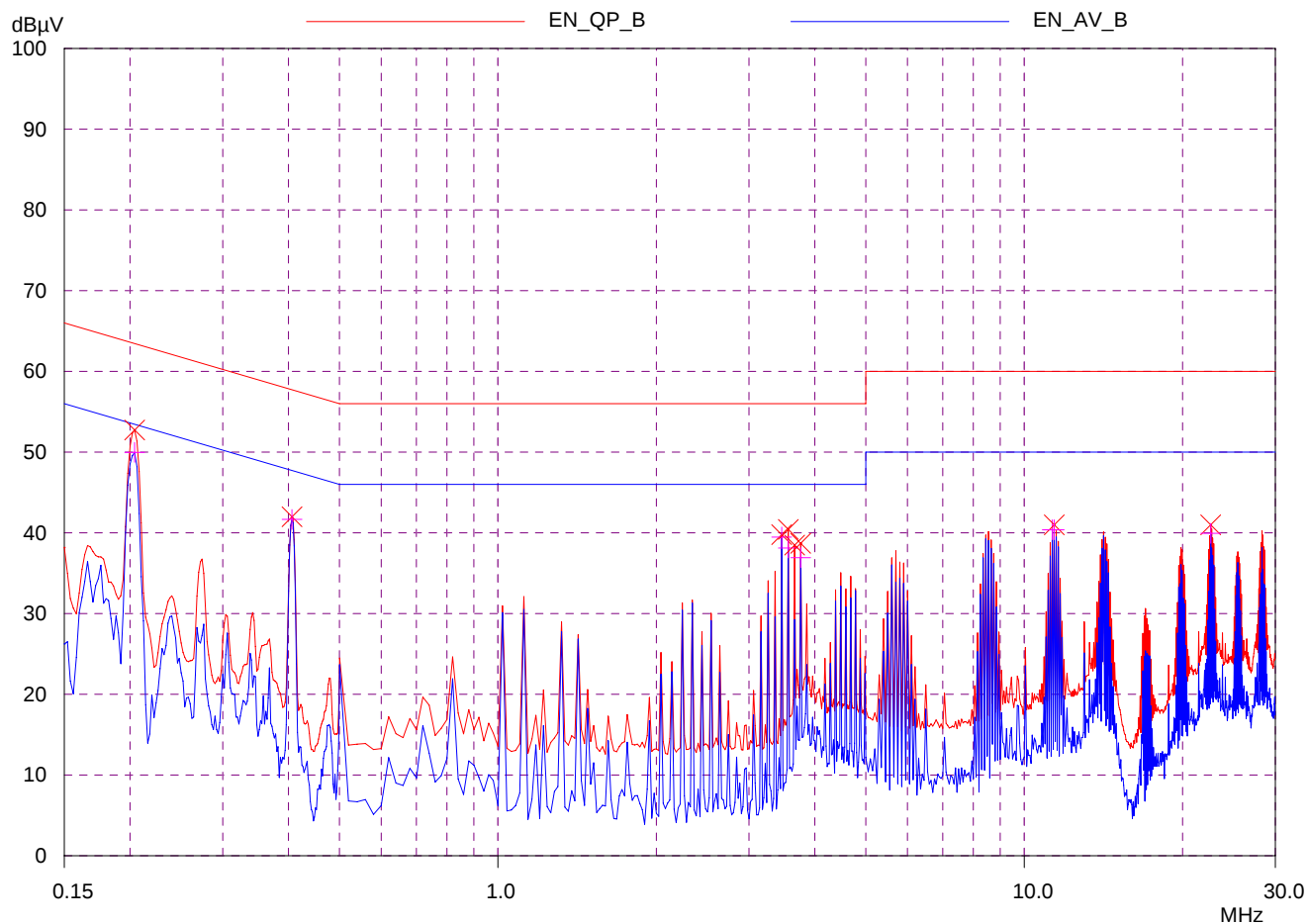
### Scan Settings

(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  | 50kHz | 10kHz             | QP+AV    | 1msec  | Auto  | OFF    | 60dB  |

| Transducer | No. | Start | Stop  | Name |
|------------|-----|-------|-------|------|
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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            | 52.75            | 63.45            | 10.70          | N          | gnd     |
| 0.406            | 41.99            | 57.73            | 15.74          | N          | gnd     |
| 3.46             | 39.77            | 56.00            | 16.23          | N          | gnd     |
| 3.56             | 40.42            | 56.00            | 15.58          | N          | gnd     |
| 3.66             | 38.48            | 56.00            | 17.52          | N          | gnd     |
| 3.76             | 38.70            | 56.00            | 17.30          | N          | gnd     |
| 11.4             | 40.99            | 60.00            | 19.01          | N          | gnd     |
| 22.6             | 41.00            | 60.00            | 19.00          | N          | gnd     |

| Frequency<br>MHz | AV Level<br>dBμV | AV Limit<br>dBμV | AV Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.204            | 49.96            | 53.45            | 3.49           | N          | gnd     |
| 0.406            | 41.66            | 47.73            | 6.07           | N          | gnd     |
| 3.46             | 39.47            | 46.00            | 6.53           | N          | gnd     |
| 3.56             | 38.12            | 46.00            | 7.88           | N          | gnd     |
| 3.76             | 36.93            | 46.00            | 9.07           | N          | gnd     |
| 11.3             | 40.38            | 50.00            | 9.62           | N          | gnd     |
| 11.4             | 40.38            | 50.00            | 9.62           | N          | gnd     |
| 22.6             | 39.93            | 50.00            | 10.07          | N          | gnd     |

\* limit exceeded

Indicated Phase/PE shows Configuration of max. Emission