

# ZIPPY EMC LAB

## conduction test

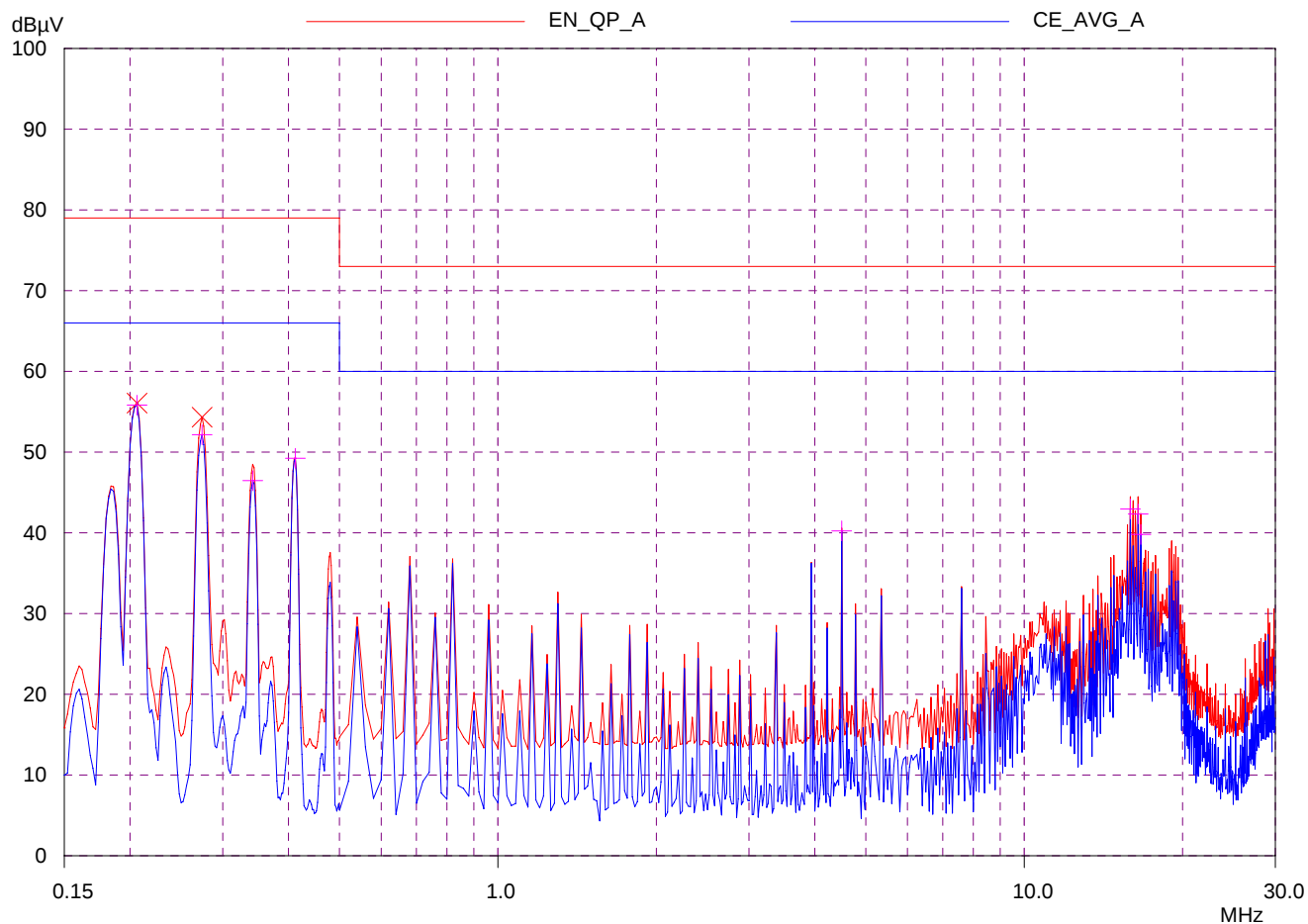
EUT: DMRW-5500V4V SPS  
 Manuf: ZIPPY TECH CO..LTD  
 Op Cond: FULL LOAD  
 Operator:  
 Test Spec: FCC Part 15-- Class A  
 Comment: Load Condition (28 17 0.8 16 3.5)  
 L -48VDC

### Scan Settings (3 Ranges)

| Frequencies |        |       | Receiver Settings |          |        |       |        |       |
|-------------|--------|-------|-------------------|----------|--------|-------|--------|-------|
| Start       | Stop   | Step  | IF BW             | Detector | M-Time | Atten | Preamp | OpRge |
| 150kHz      | 500kHz | 2kHz  | 10kHz             | QP+AV    | 50msec | 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>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.206            | 56.08            | 79.00            | 22.92          | N          | gnd     |
| 0.274            | 54.33            | 79.00            | 24.67          | N          | gnd     |

| Frequency<br>MHz | AV Level<br>dBμV | AV Limit<br>dBμV | AV Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.206            | 55.82            | 66.00            | 10.18          | N          | gnd     |
| 0.274            | 52.16            | 66.00            | 13.84          | N          | gnd     |
| 0.342            | 46.47            | 66.00            | 19.53          | N          | gnd     |
| 0.412            | 49.23            | 66.00            | 16.77          | N          | gnd     |
| 4.5              | 40.25            | 60.00            | 19.75          | N          | gnd     |
| 15.9             | 42.95            | 60.00            | 17.05          | N          | gnd     |
| 16.45            | 42.33            | 60.00            | 17.67          | N          | gnd     |
| 16.65            | 39.80            | 60.00            | 20.20          | N          | gnd     |

\* limit exceeded

Indicated Phase/PE shows Configuration of max. Emission

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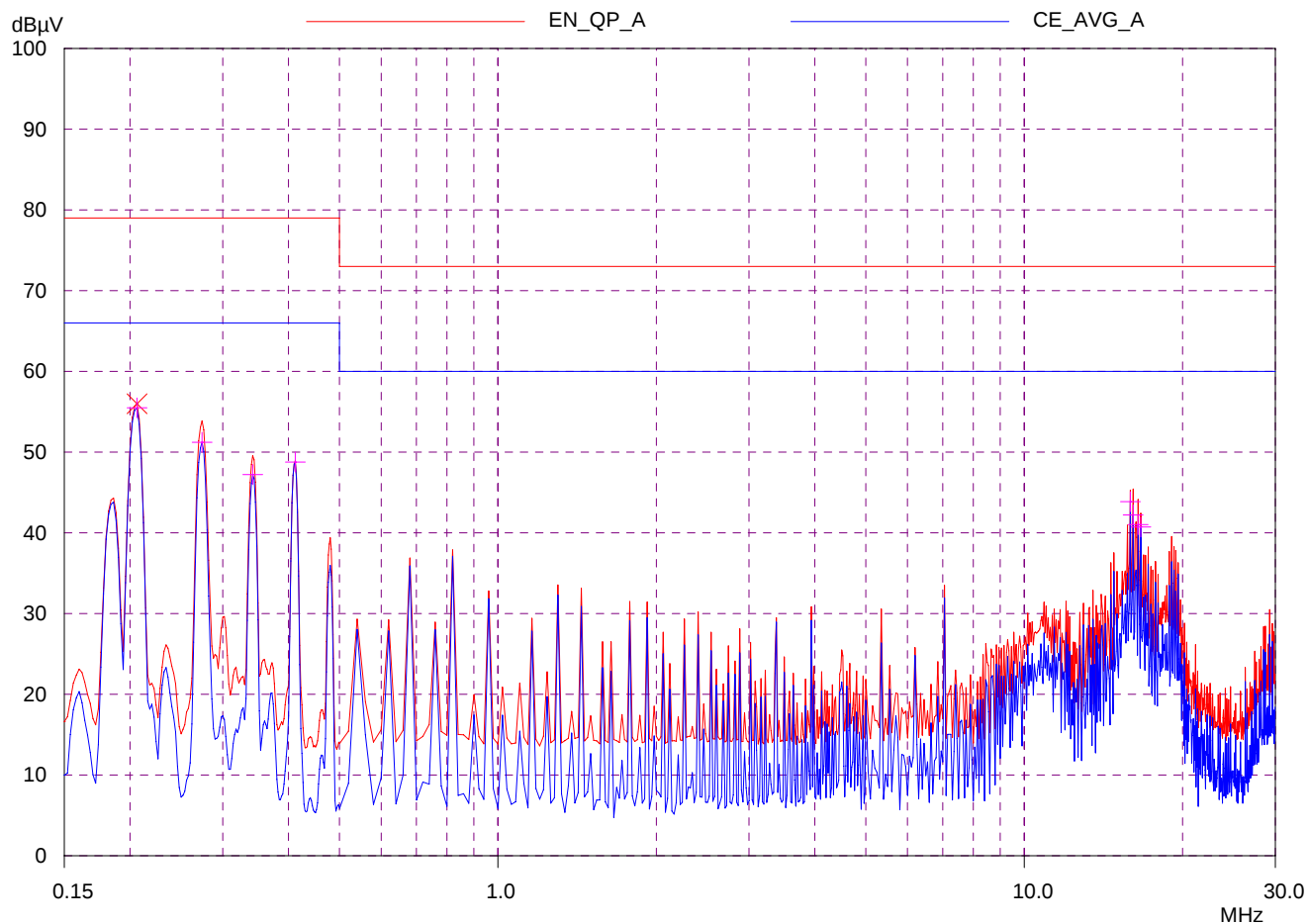
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| 500kHz      | 5MHz   | 20kHz | 10kHz             | QP+AV    | 1msec  | Auto  | OFF    | 60dB  |
| 5MHz        | 30MHz  | 50kHz | 10kHz             | QP+AV    | 1msec  | Auto  | OFF    | 60dB  |

| Transducer | No. | Start | Stop  | Name |
|------------|-----|-------|-------|------|
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| 0.206            | 56.00            | 79.00            | 23.00          | N          | gnd     |

| Frequency<br>MHz | AV Level<br>dBμV | AV Limit<br>dBμV | AV Delta<br>dB | Phase<br>- | PE<br>- |
|------------------|------------------|------------------|----------------|------------|---------|
| 0.206            | 55.49            | 66.00            | 10.51          | N          | gnd     |
| 0.274            | 51.22            | 66.00            | 14.78          | N          | gnd     |
| 0.342            | 47.22            | 66.00            | 18.78          | N          | gnd     |
| 0.412            | 48.78            | 66.00            | 17.22          | N          | gnd     |
| 15.9             | 43.85            | 60.00            | 16.15          | N          | gnd     |
| 16.1             | 42.23            | 60.00            | 17.77          | N          | gnd     |
| 16.45            | 41.01            | 60.00            | 18.99          | N          | gnd     |
| 16.65            | 40.72            | 60.00            | 19.28          | N          | gnd     |

\* limit exceeded

Indicated Phase/PE shows Configuration of max. Emission