

LM53635-Q1: Viper EMC testing

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Underwriters Lab

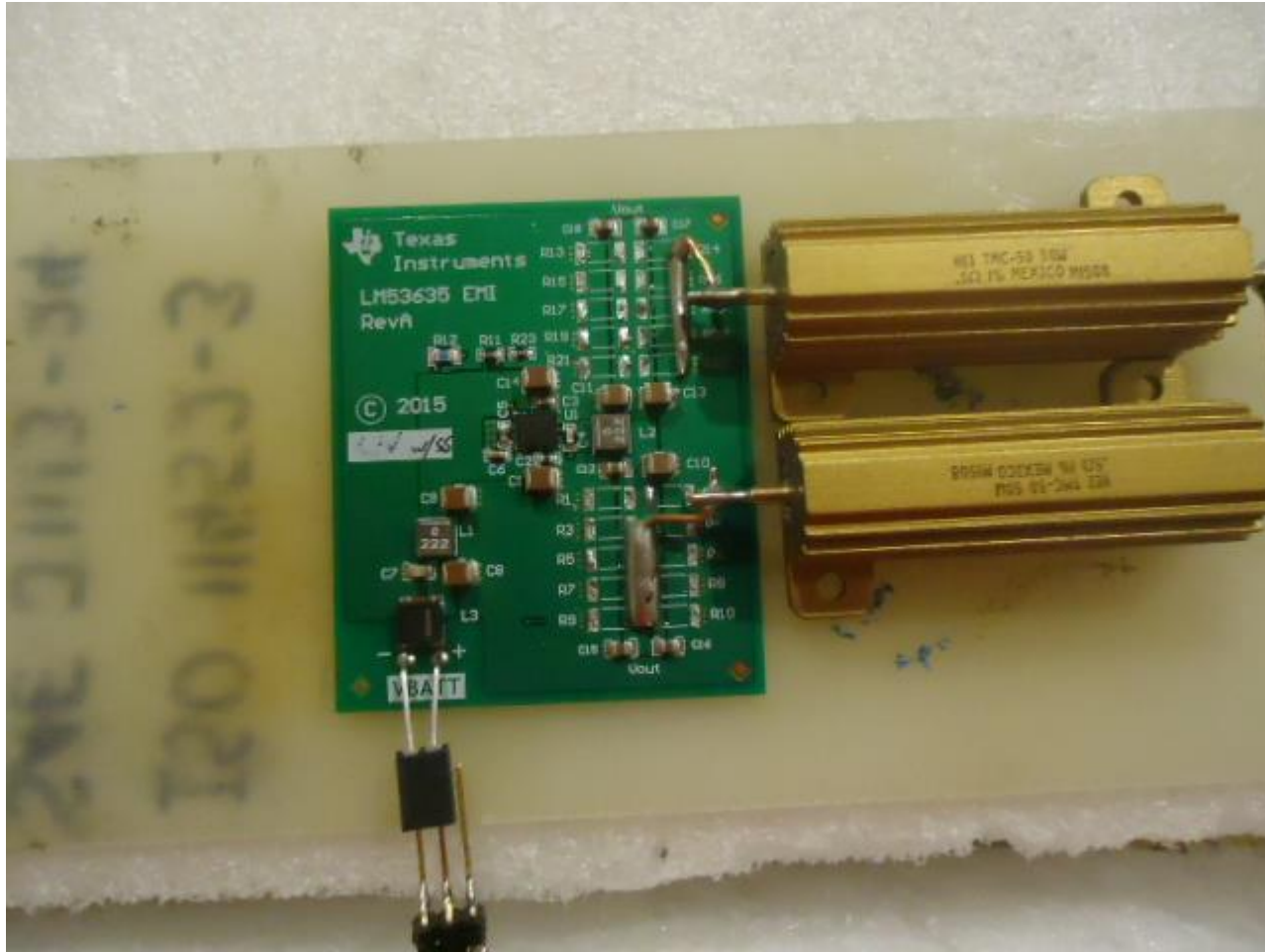
Novi, MI

TI Information – Selective Disclosure

Test Conditions

- Input: Car Battery into Line Impedance Stabilization Network (LISN)
- Output: 3.3V @ 3.5A (Total Power: 11.55W)
- DC load → Purely resistive
- Tests Conducted:
 - RE
 - CISPR 25 Level 5
 - CE
 - Voltage Method

RE Test Setup



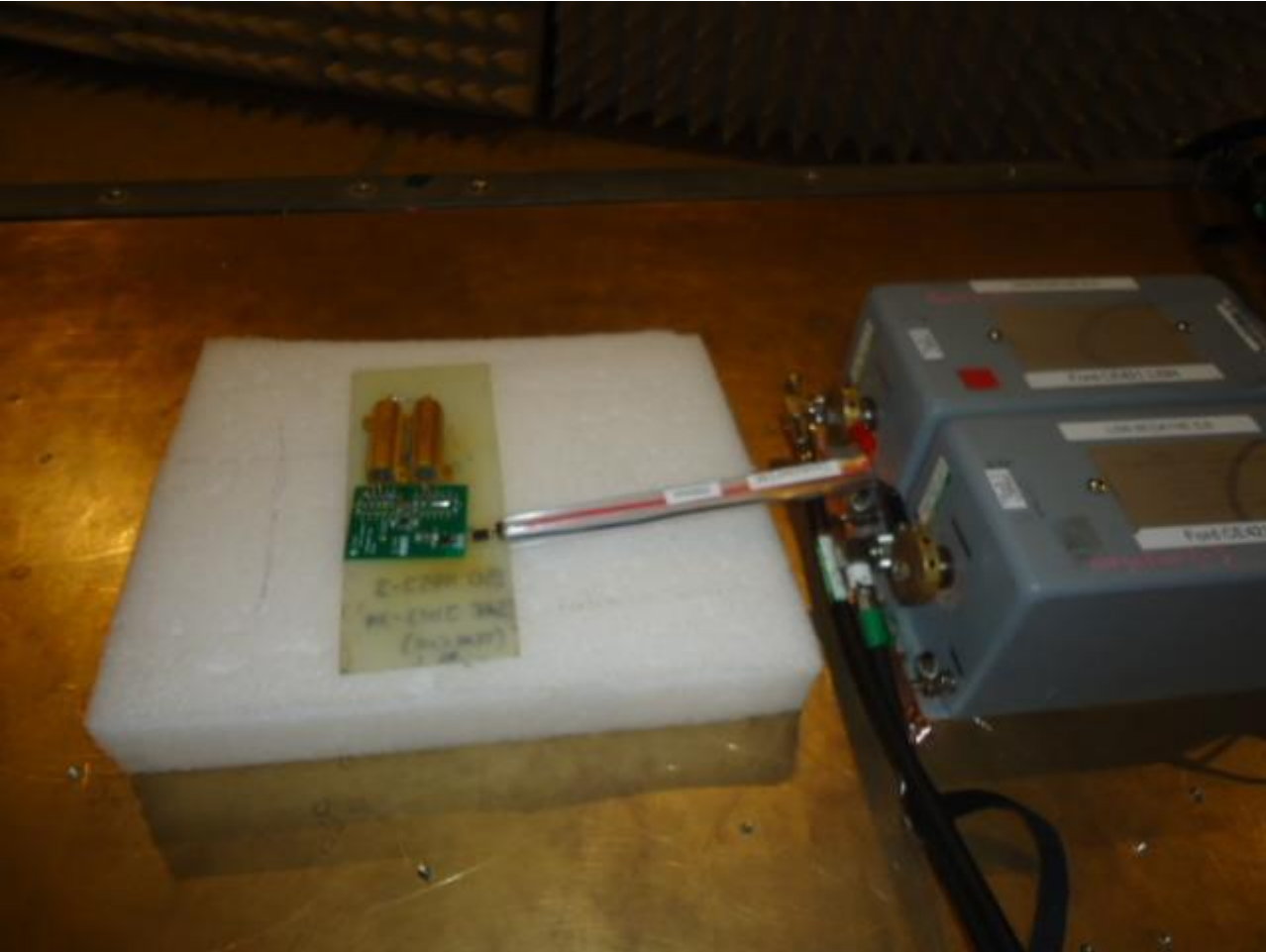
TI Information – Selective Disclosure

RE Test Setup



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CE Test Setup

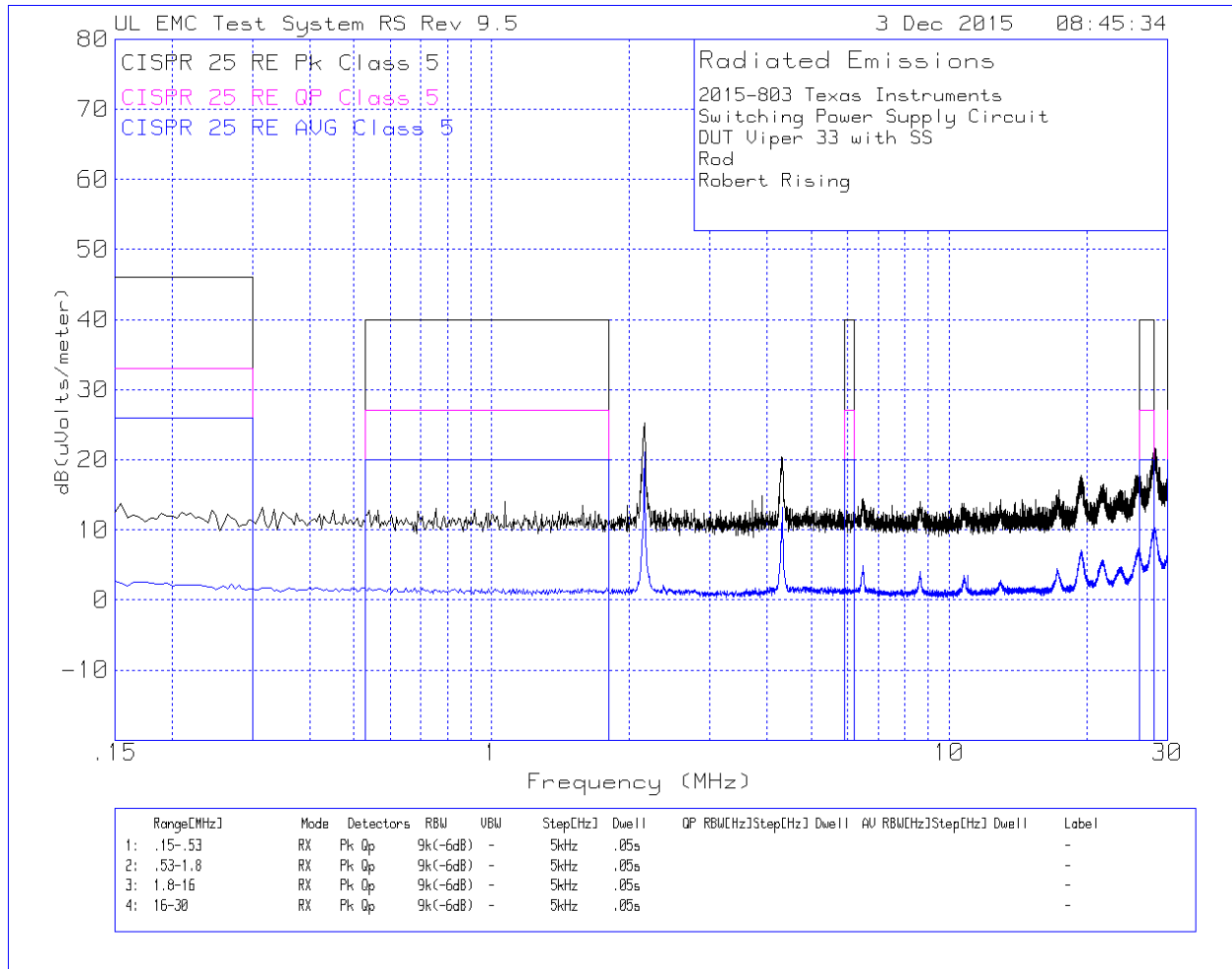


TI Information – Selective Disclosure

CISPR 25 LEVEL 5 LIMIT COMPARISON

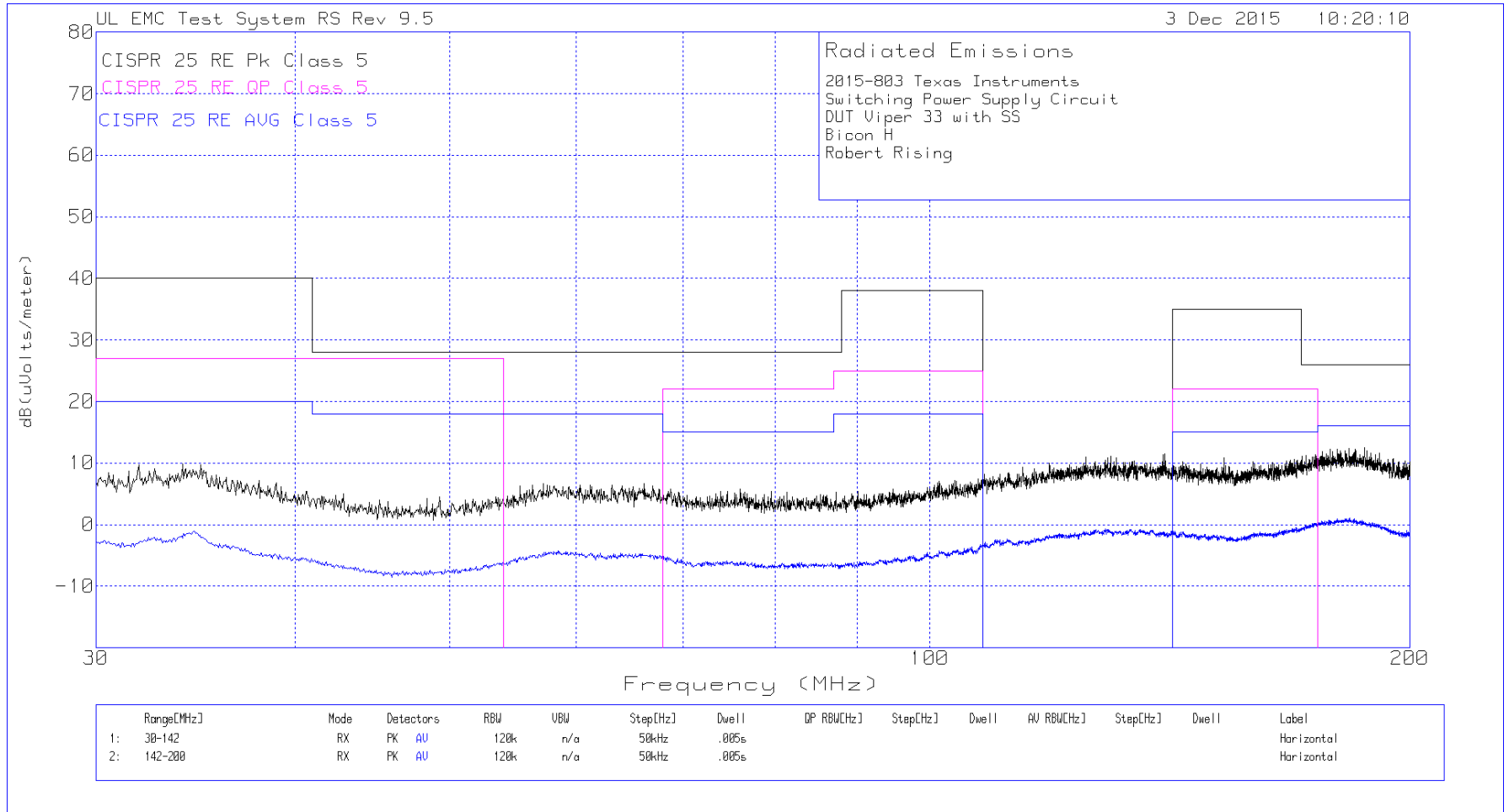
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Rod



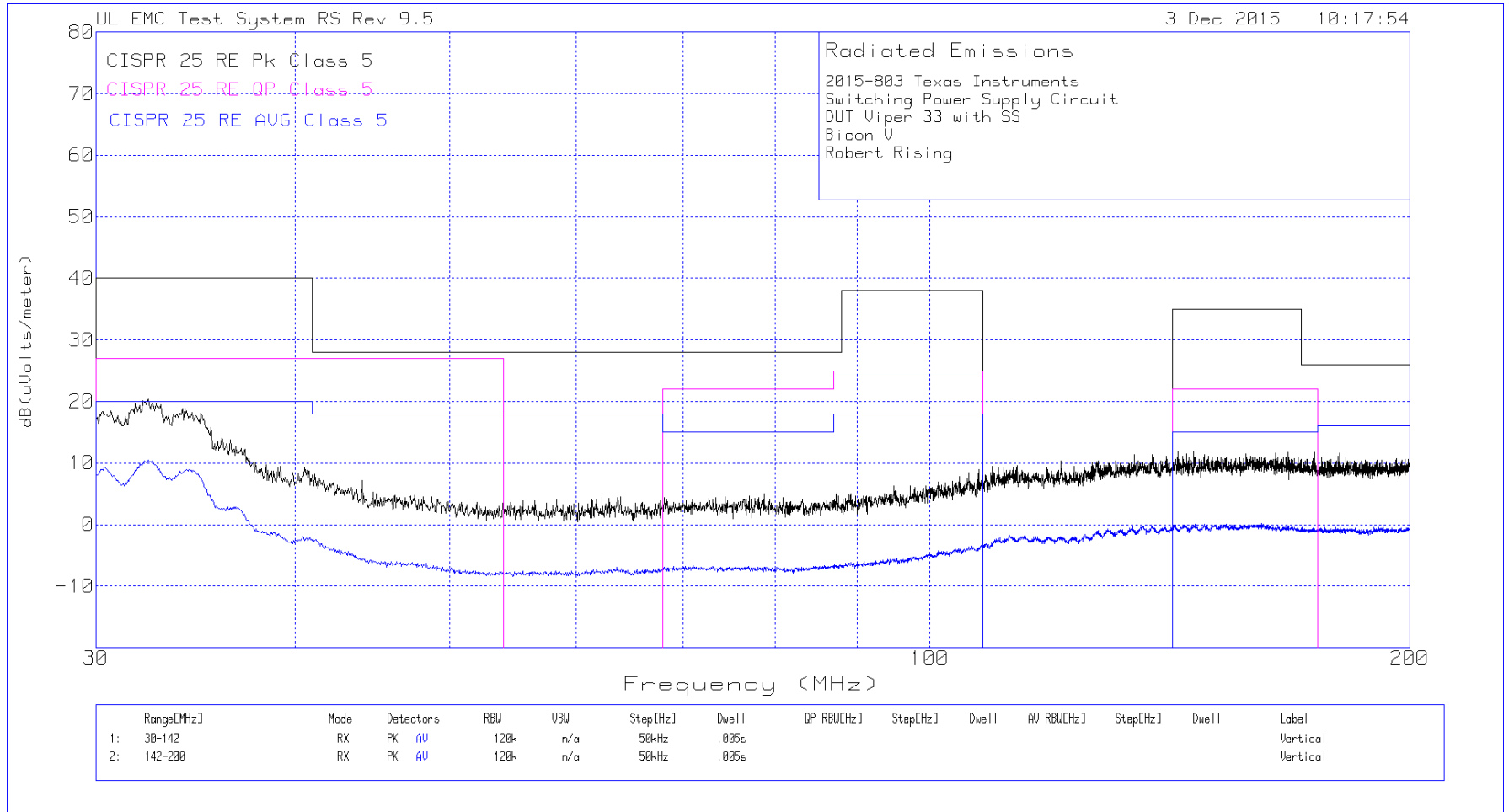
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Bicon Horizontal



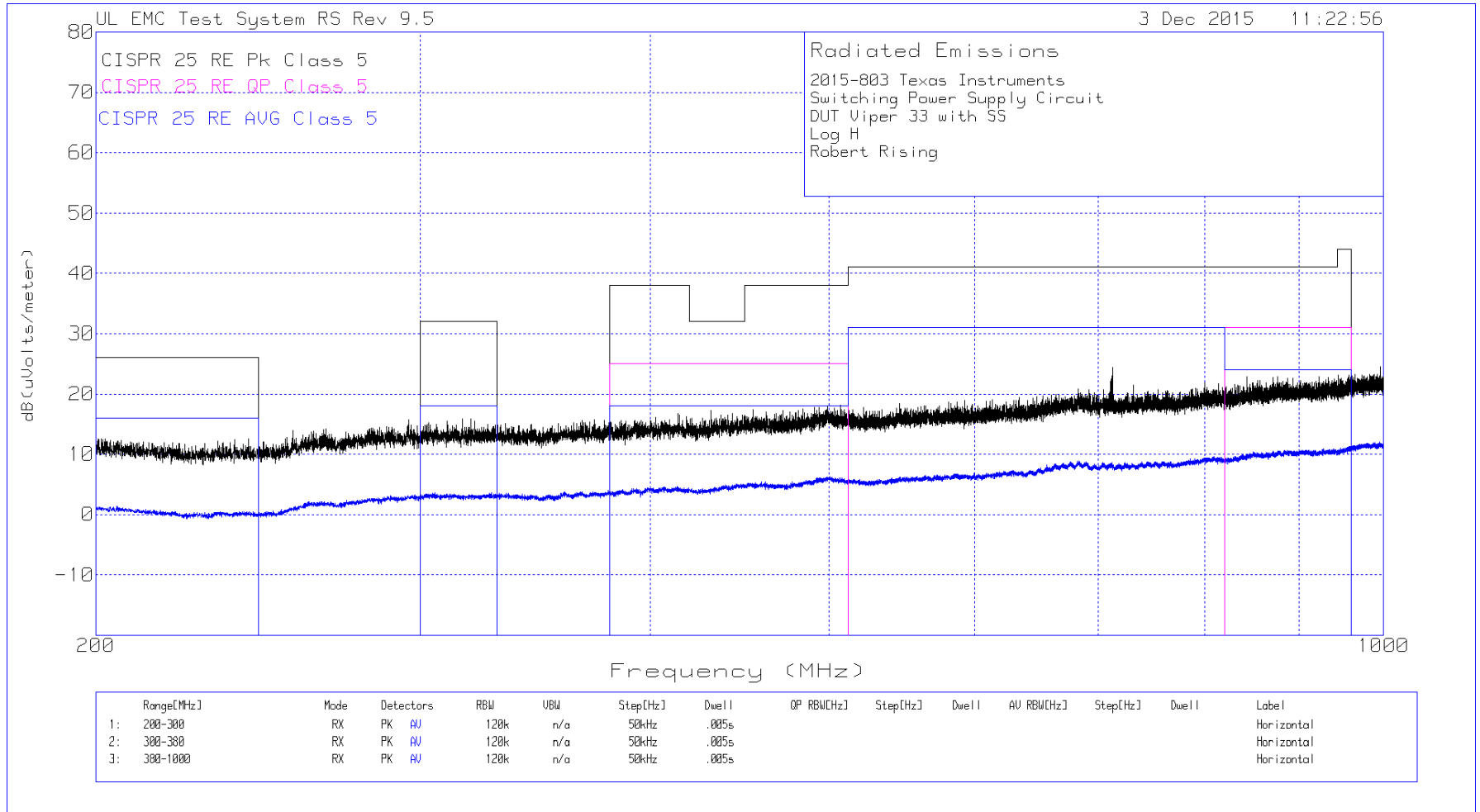
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Bicon Vertical



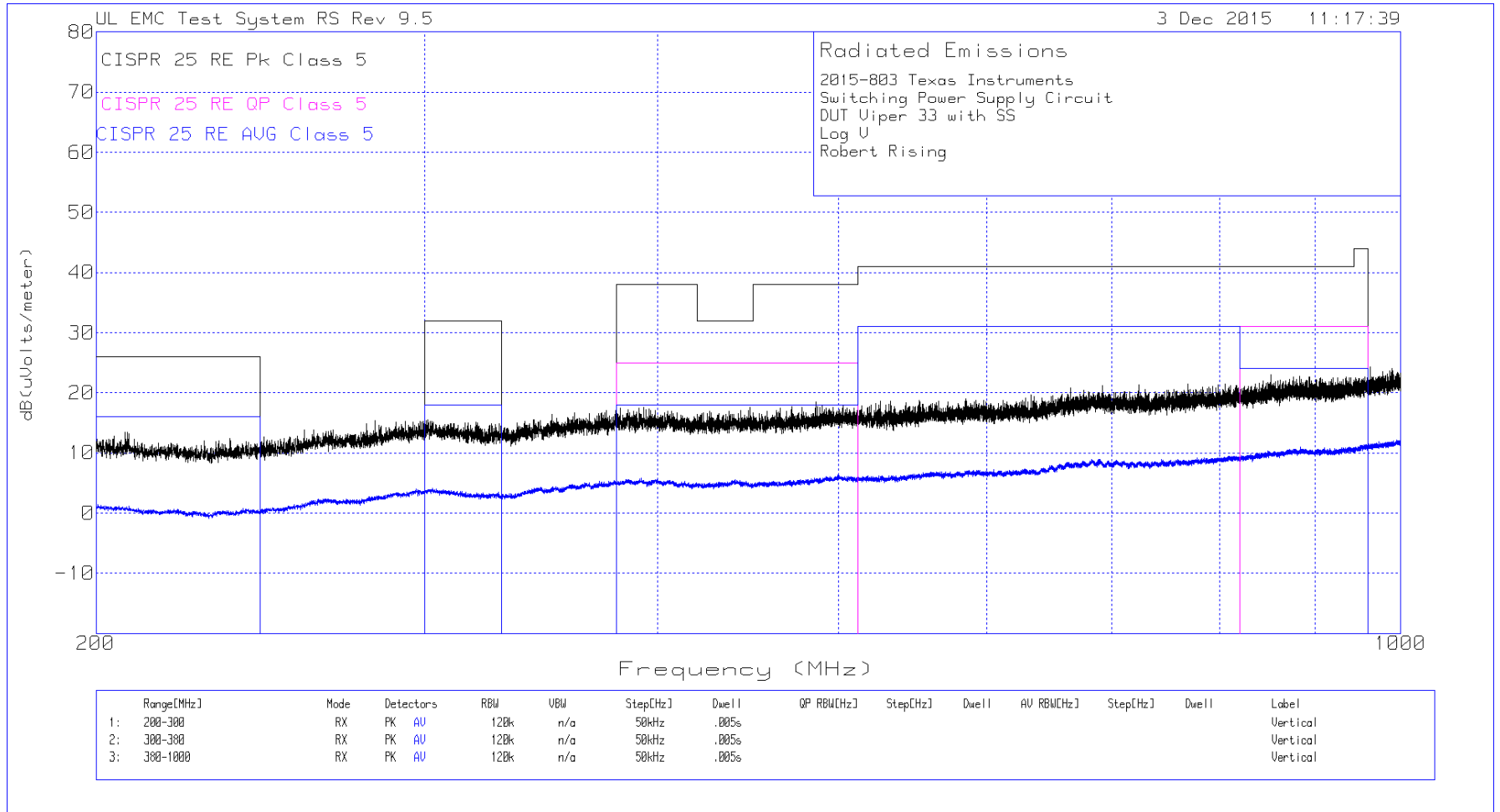
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Log Horizontal



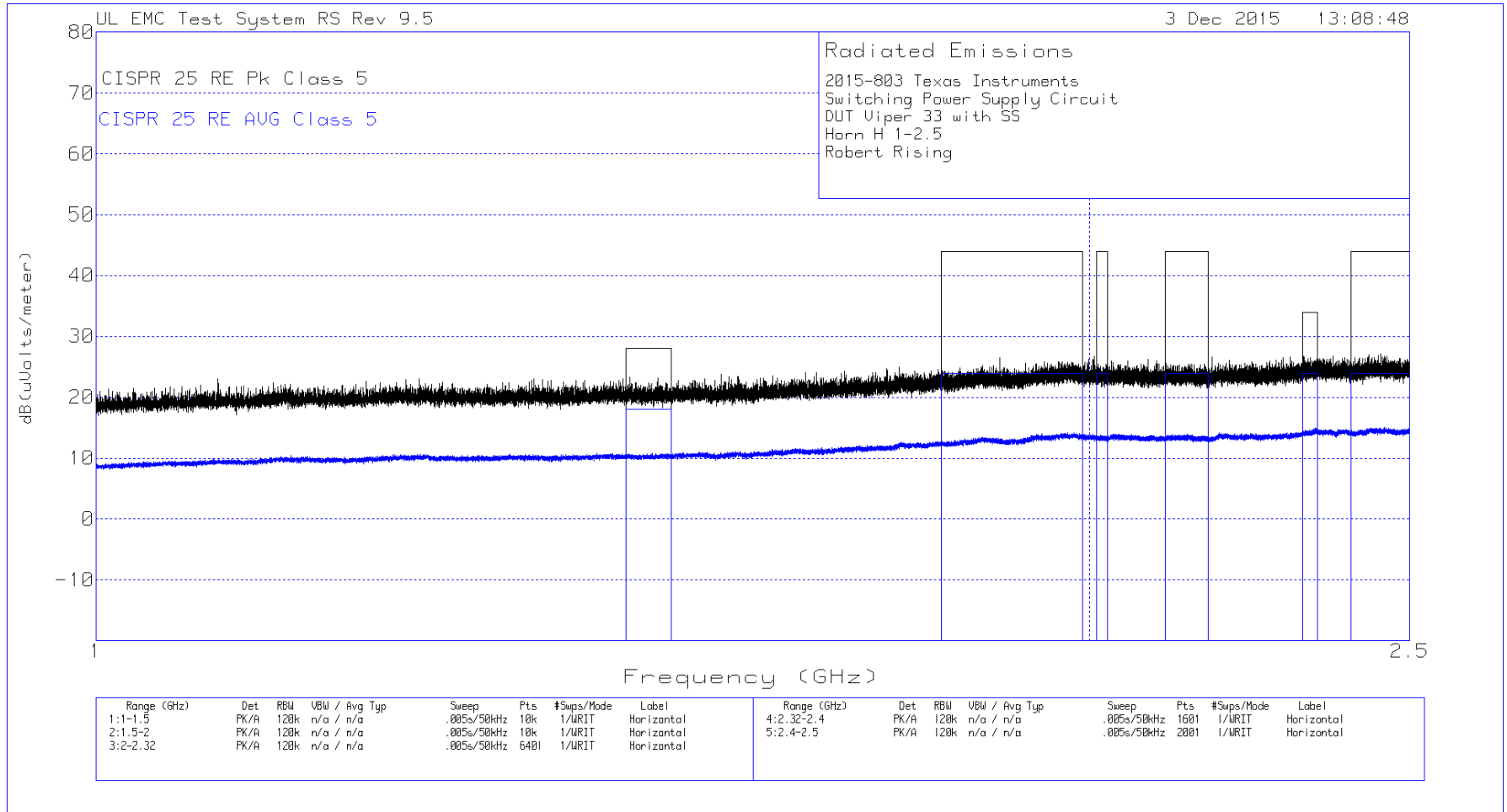
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Log Vertical



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Horn

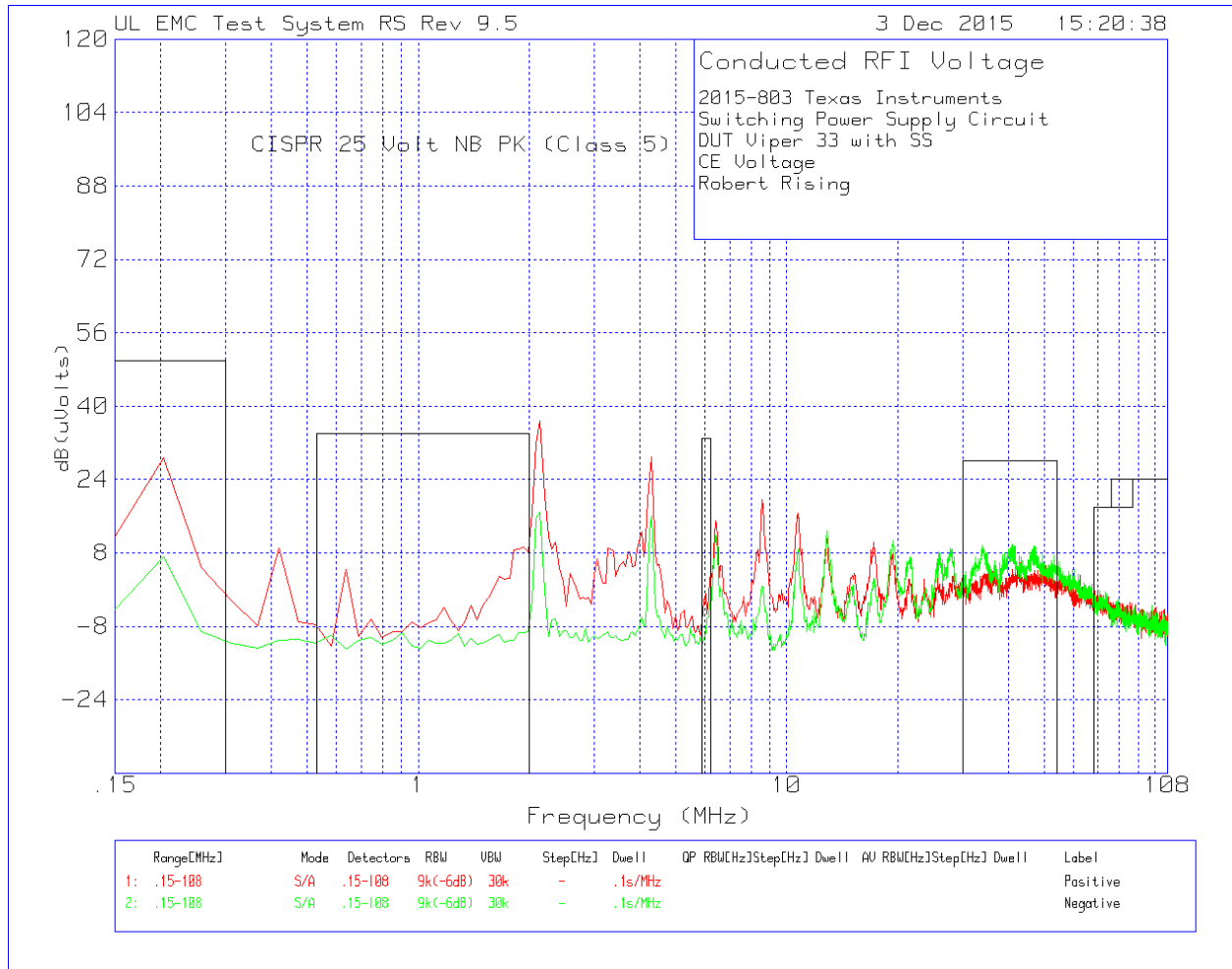


TI Information – Selective Disclosure

LM53635-Q1: CE TEST

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CE Voltage Method - PK



TI Information – Selective Disclosure