



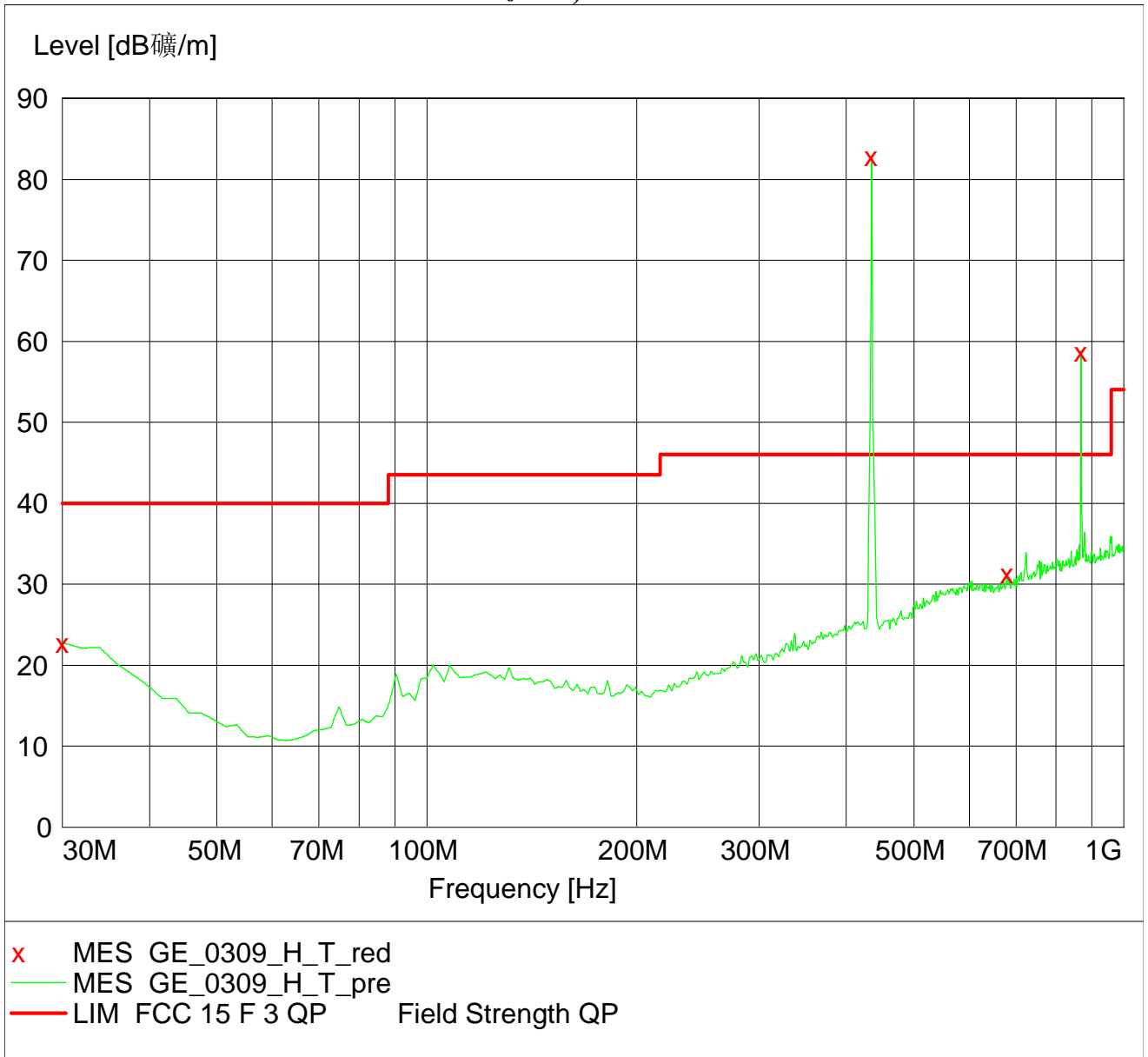
**FCC ID: VBA-2600ULRF**  
**IC: 7098A-2600ULRF**

# Test Data



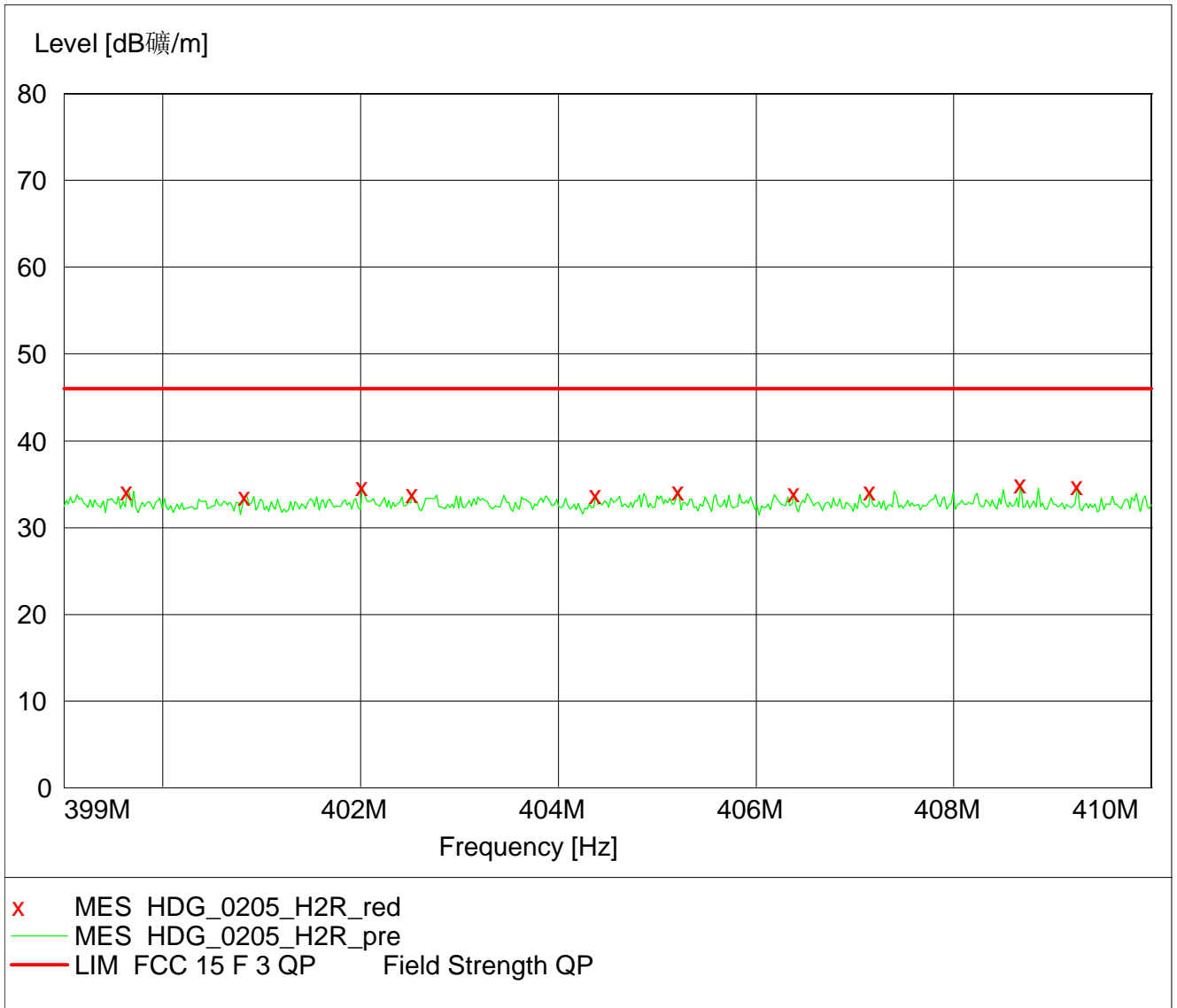
### 1. Fundamental & Spurious Emission & Restrict band radiated emission

*Horizontal, PK*





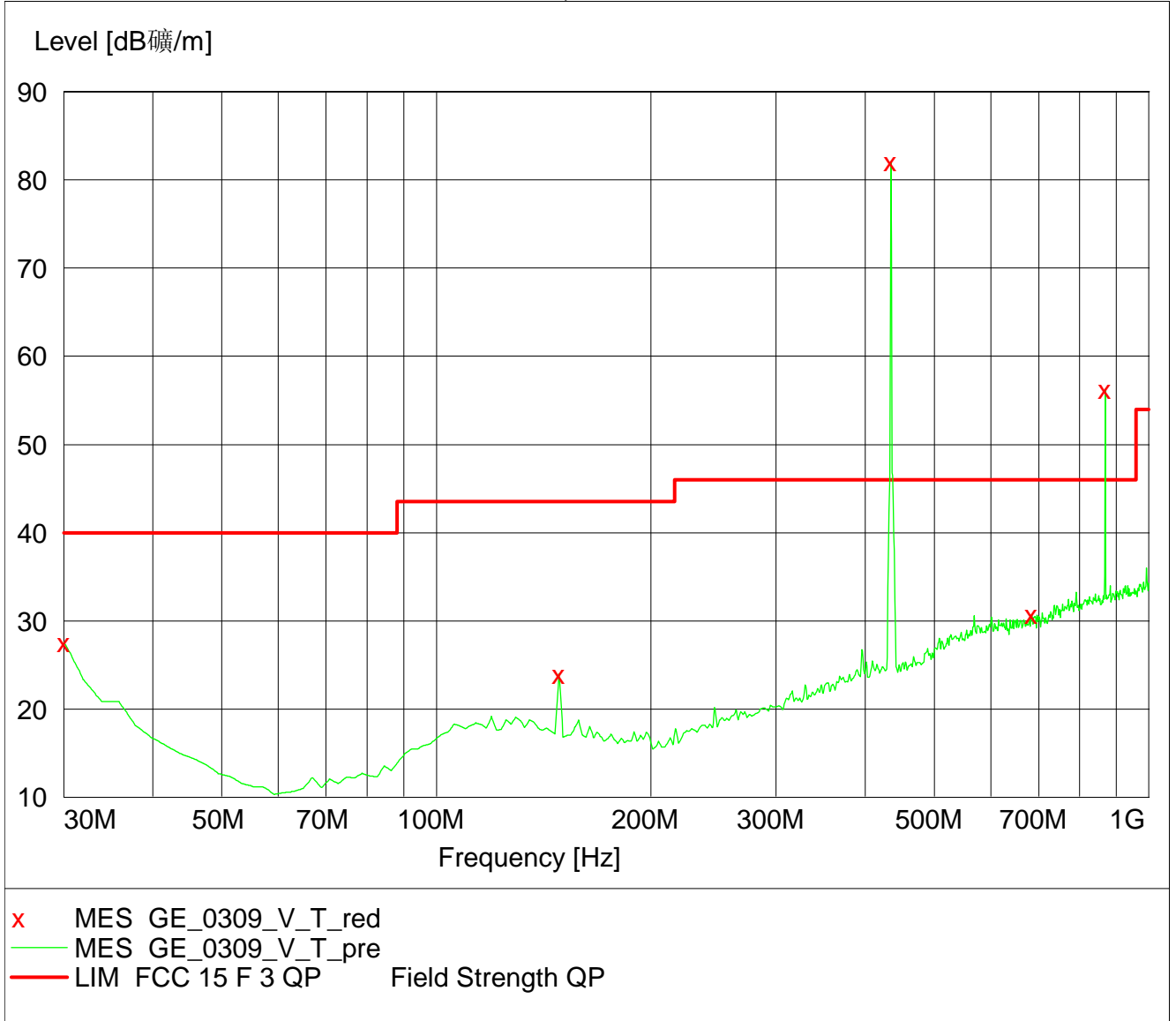
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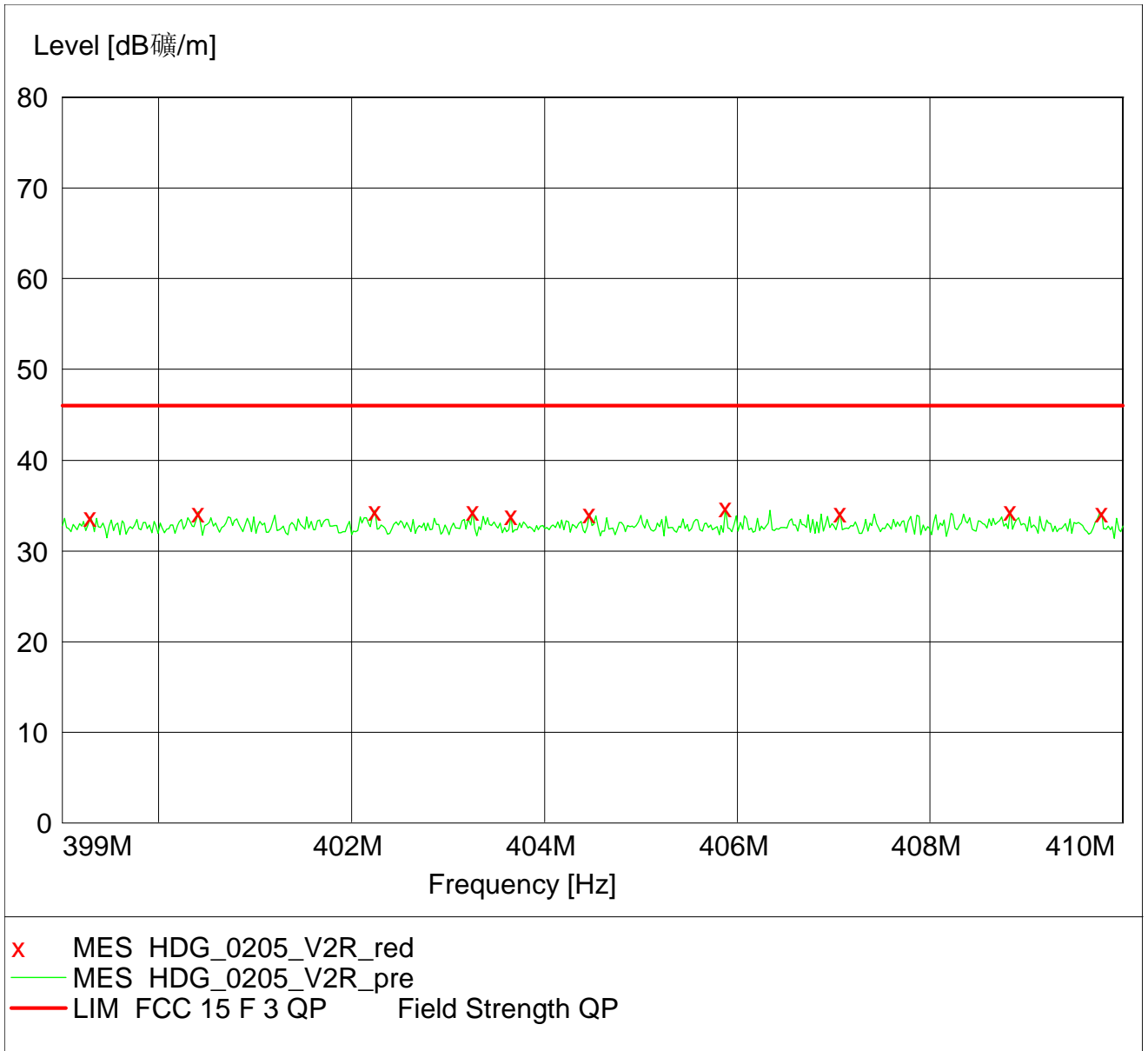
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Vertical, PK





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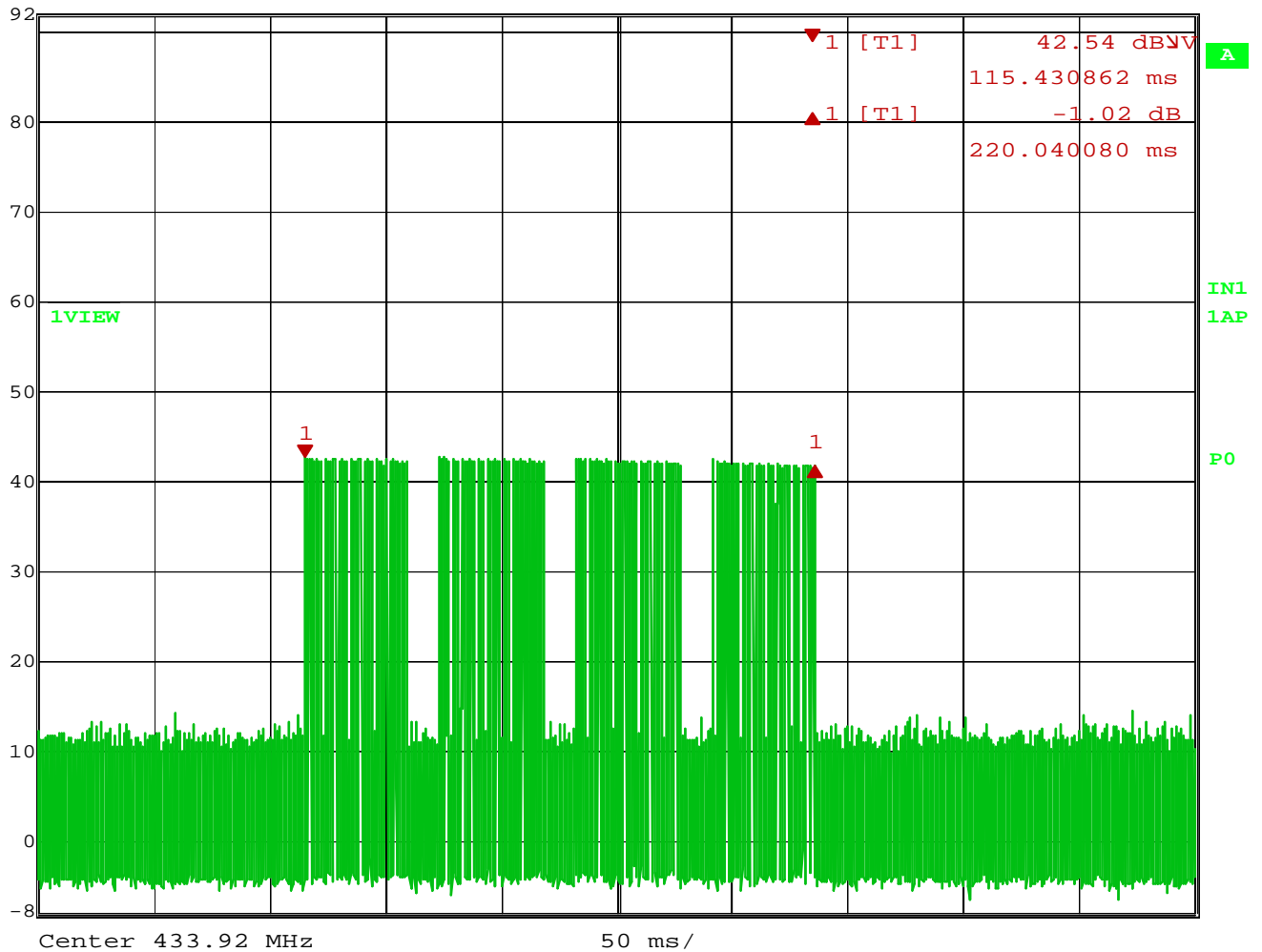




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## 2. Deactivating time

 Delta 1 [T1] RBW 100 kHz RF Att 0 dB  
Ref Lvl -1.02 dB VBW 300 kHz  
92 dBμV 220.040080 ms SWT 500 ms Unit dBμV



Date: 5.FEB.2010 21:06:47

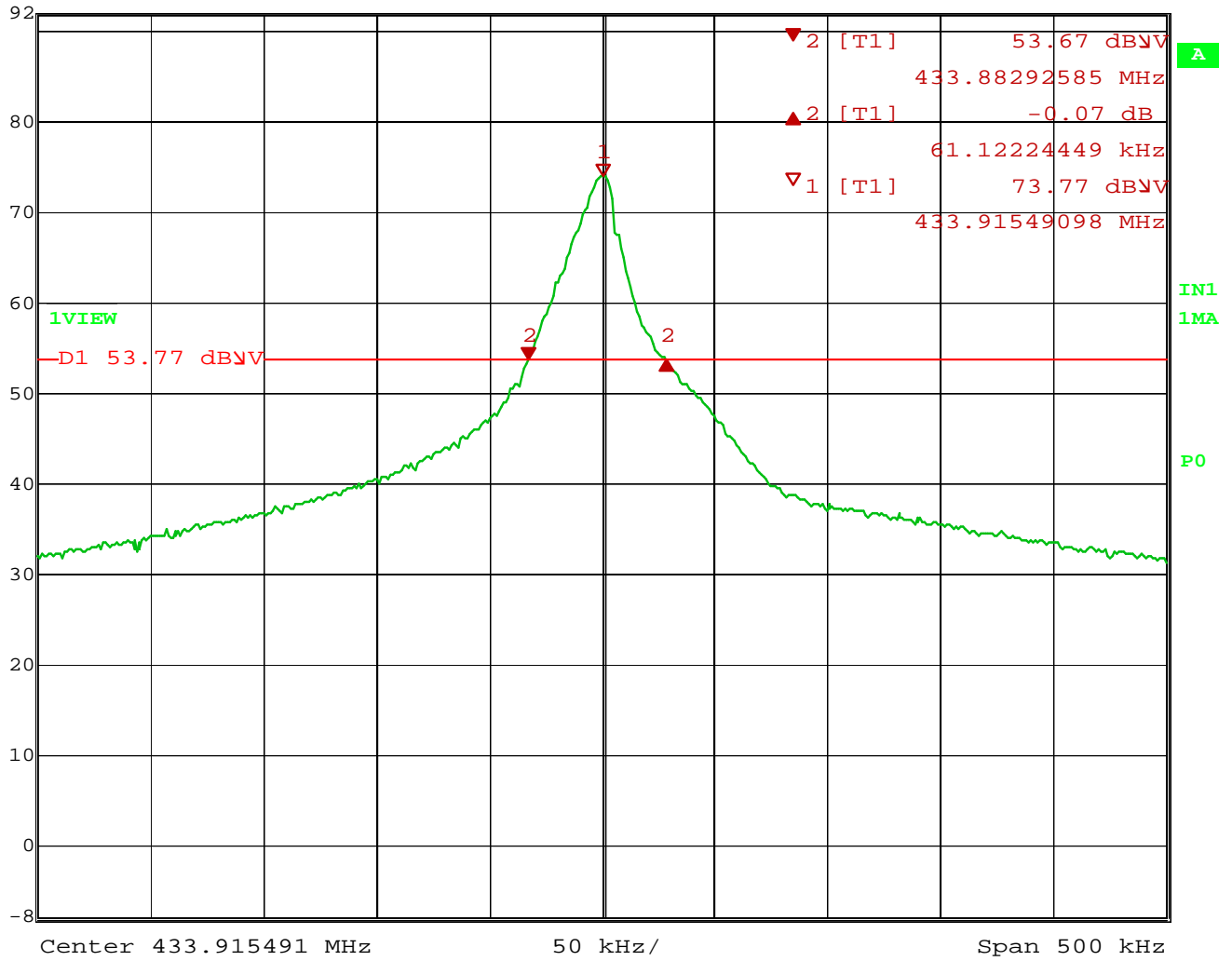


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### 3. Emission Bandwidth



Delta 2 [T1] RBW 10 kHz RF Att 0 dB  
Ref Lvl -0.07 dB VBW 30 kHz  
92 dBV 61.12224449 kHz SWT 15 ms Unit dBV



Date: 5.FEB.2010 20:54:21

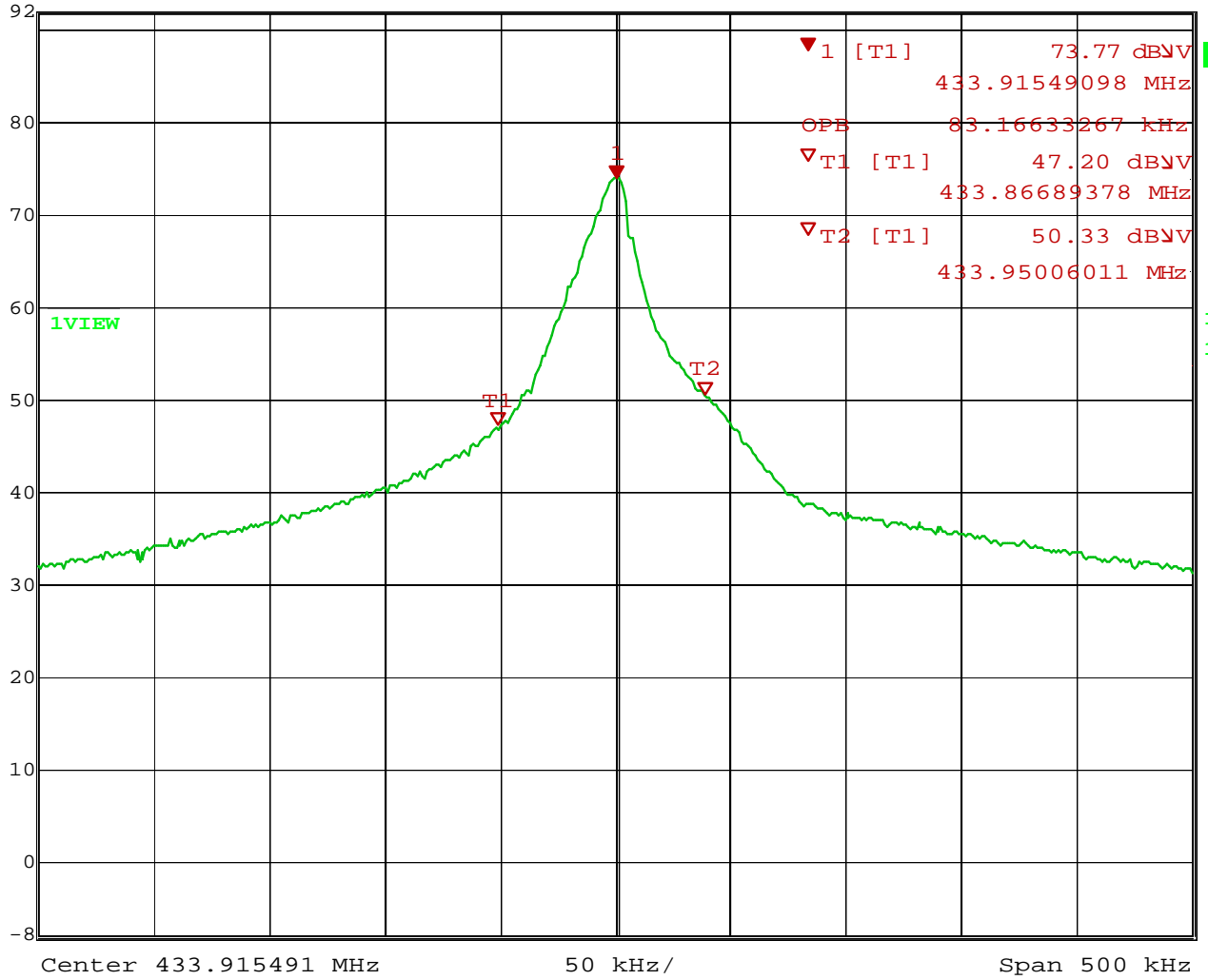


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### 4. Occupied Bandwidth



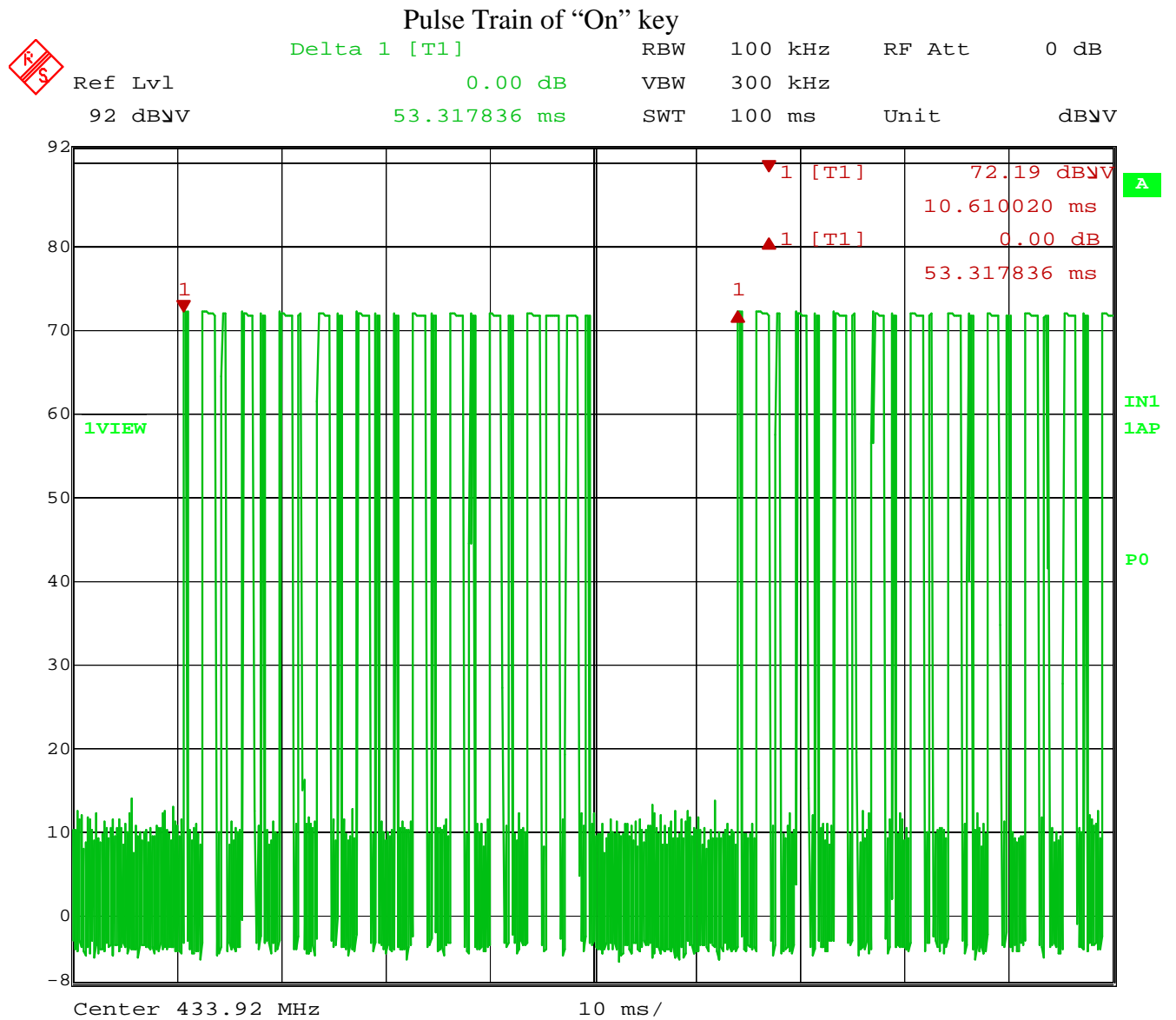
Marker 1 [T1] RBW 10 kHz RF Att 0 dB  
Ref Lvl 73.77 dBμV VBW 30 kHz  
92 dBμV 433.91549098 MHz SWT 15 ms Unit dBμV







### 5. Duty Cycle



Date: 5.FEB.2010 20:58:43

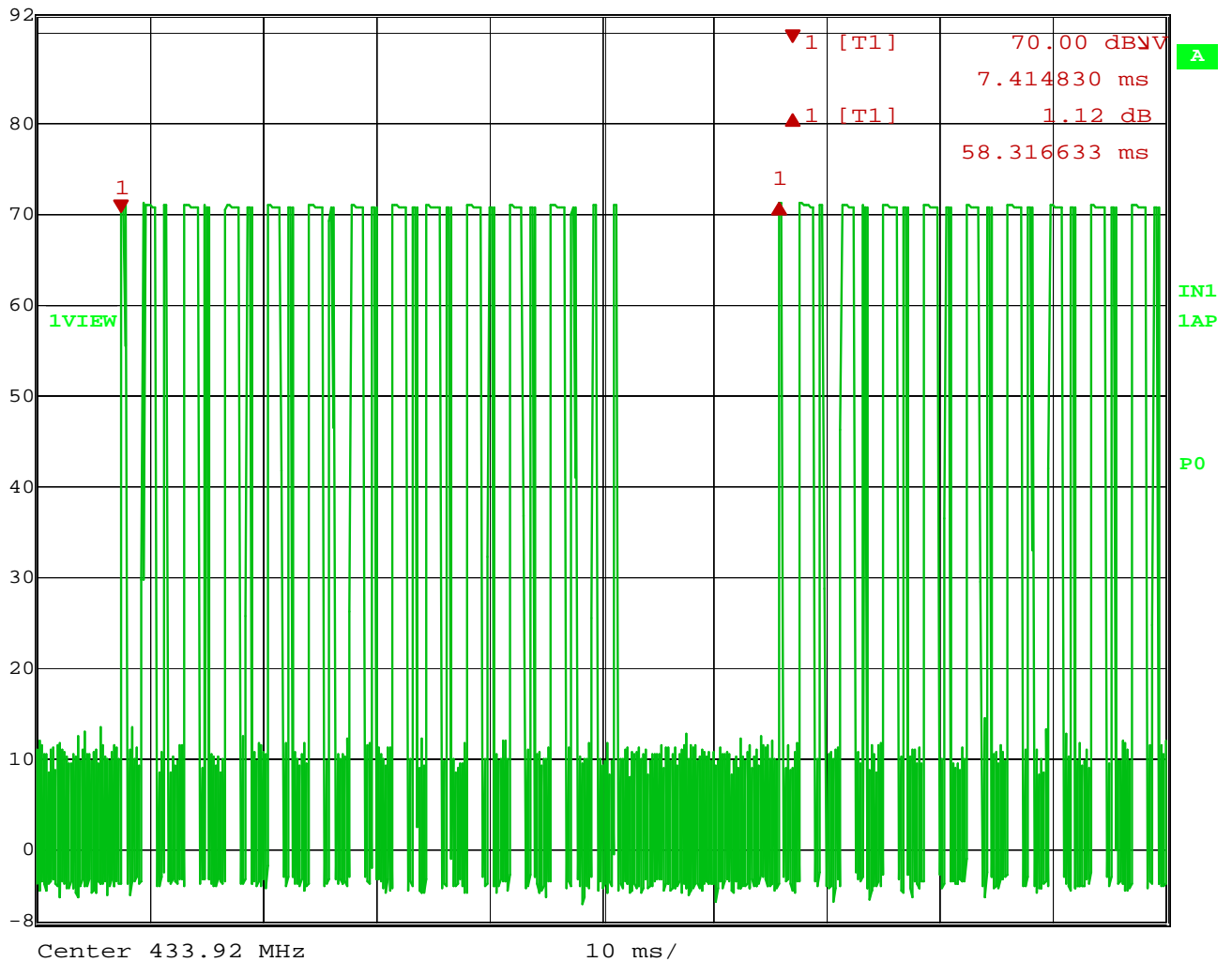


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### Pulse Train of "Off" key



|              |     |         |        |      |
|--------------|-----|---------|--------|------|
| Delta 1 [T1] | RBW | 100 kHz | RF Att | 0 dB |
| 1.12 dB      | VBW | 300 kHz |        |      |
| 58.316633 ms | SWT | 100 ms  | Unit   | dBμV |
| Ref Lvl      |     |         |        |      |
| 92 dBμV      |     |         |        |      |



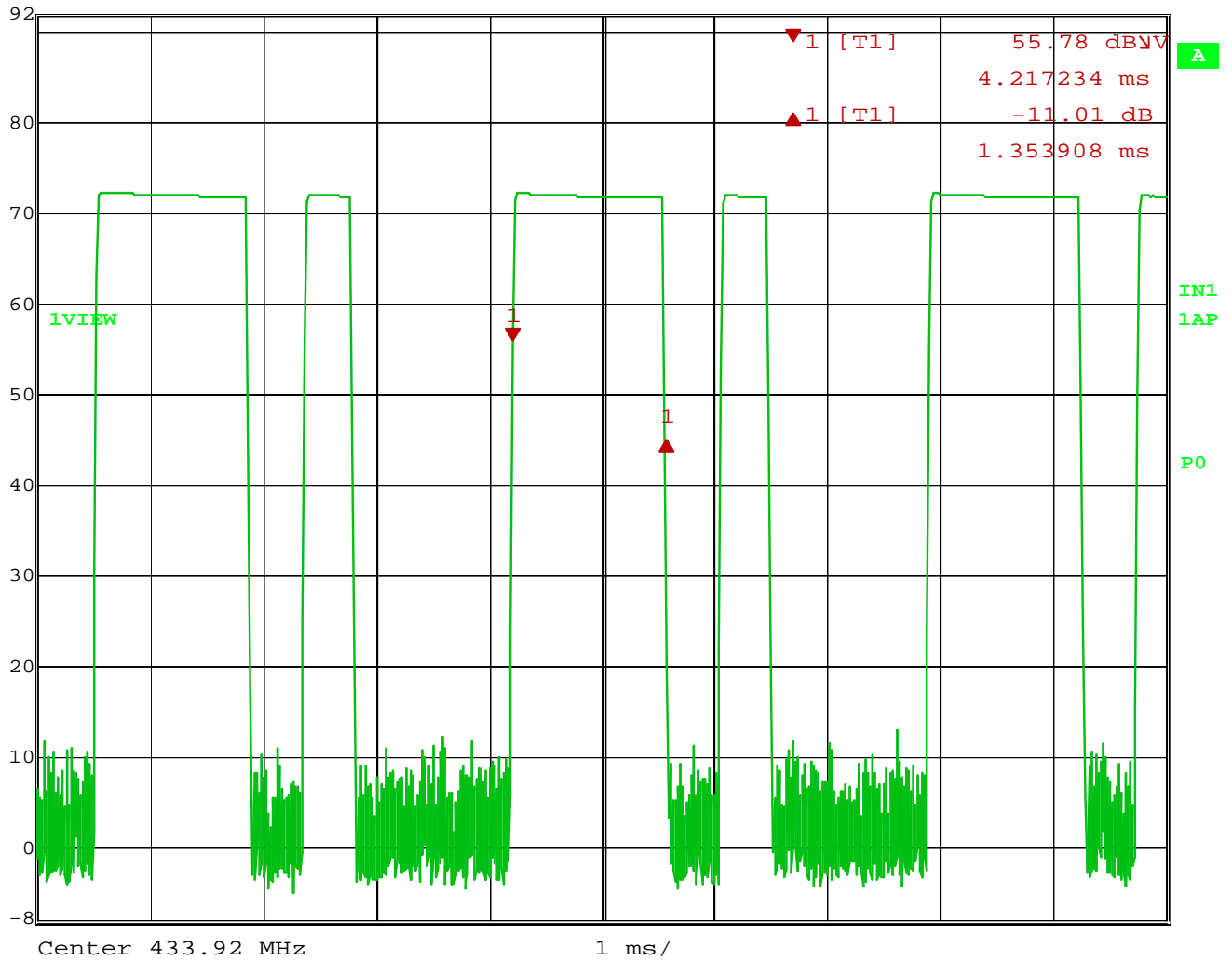
Date: 5.FEB.2010 21:12:36



FCC ID: VBA-2600ULRF  
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Delta 1 [T1] RBW 100 kHz RF Att 0 dB  
Ref Lvl -11.01 dB VBW 300 kHz  
92 dBV 1.353908 ms SWT 10 ms Unit dBV



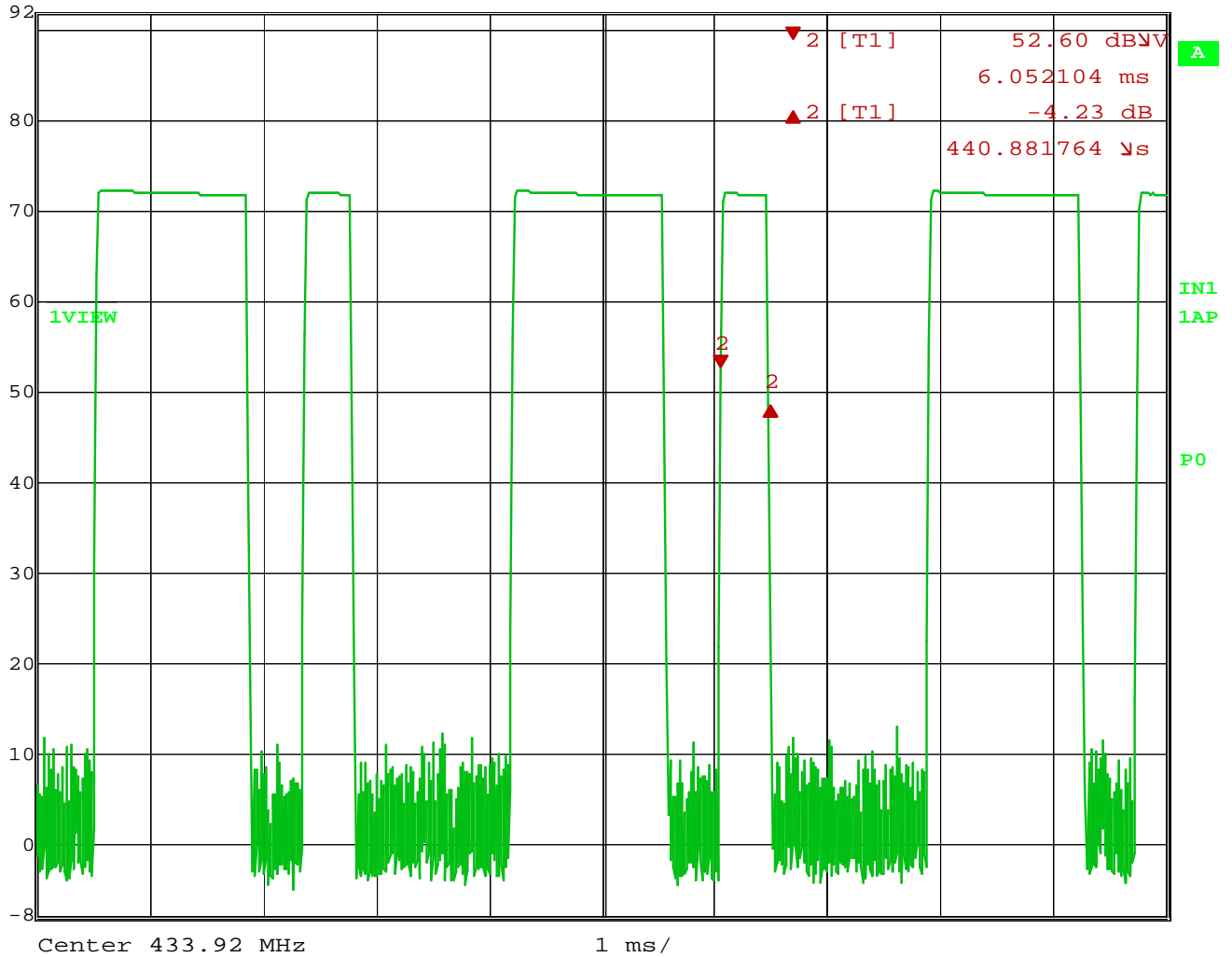
Date: 5.FEB.2010 21:00:32



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|         |               |     |         |        |      |
|---------|---------------|-----|---------|--------|------|
|         | Delta 2 [T1]  | RBW | 100 kHz | RF Att | 0 dB |
| Ref Lvl | -4.23 dB      | VBW | 300 kHz |        |      |
| 92 dBμV | 440.881764 μs | SWT | 10 ms   | Unit   | dBμV |



Date: 5.FEB.2010 21:01:13

The Duty cycle of "on" key =  $(11 * 1.35 + 11 * 0.44) / 53.32 = 0.37$

The Duty cycle of "on" key =  $(11 * 1.35 + 14 * 0.44) / 58.32 = 0.36$

**As a result, the duty cycle of 0.37 is taken into calculation.**