

## 13 Dwell Time

### 13.1 Standard Applicable

According to 15.247(a)(1)(iii), frequency hopping system in the 2400-2483.5MHz band employing at least 15 non-overlapping channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 second multiplied by the number of hopping channels employed.

### 13.2 Measurement Procedure

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. The setup of the EUT as shown in figure 4.

### 13.3 Measurement Equipment

Equipment	Manufacturer	Model No.	Next Cal. Due
Spectrum Analyzer	Hewlett-Packard	8564EC	09/16/2005

### 13.4 Measurement Data

Test Date : Dec. 27, 2004

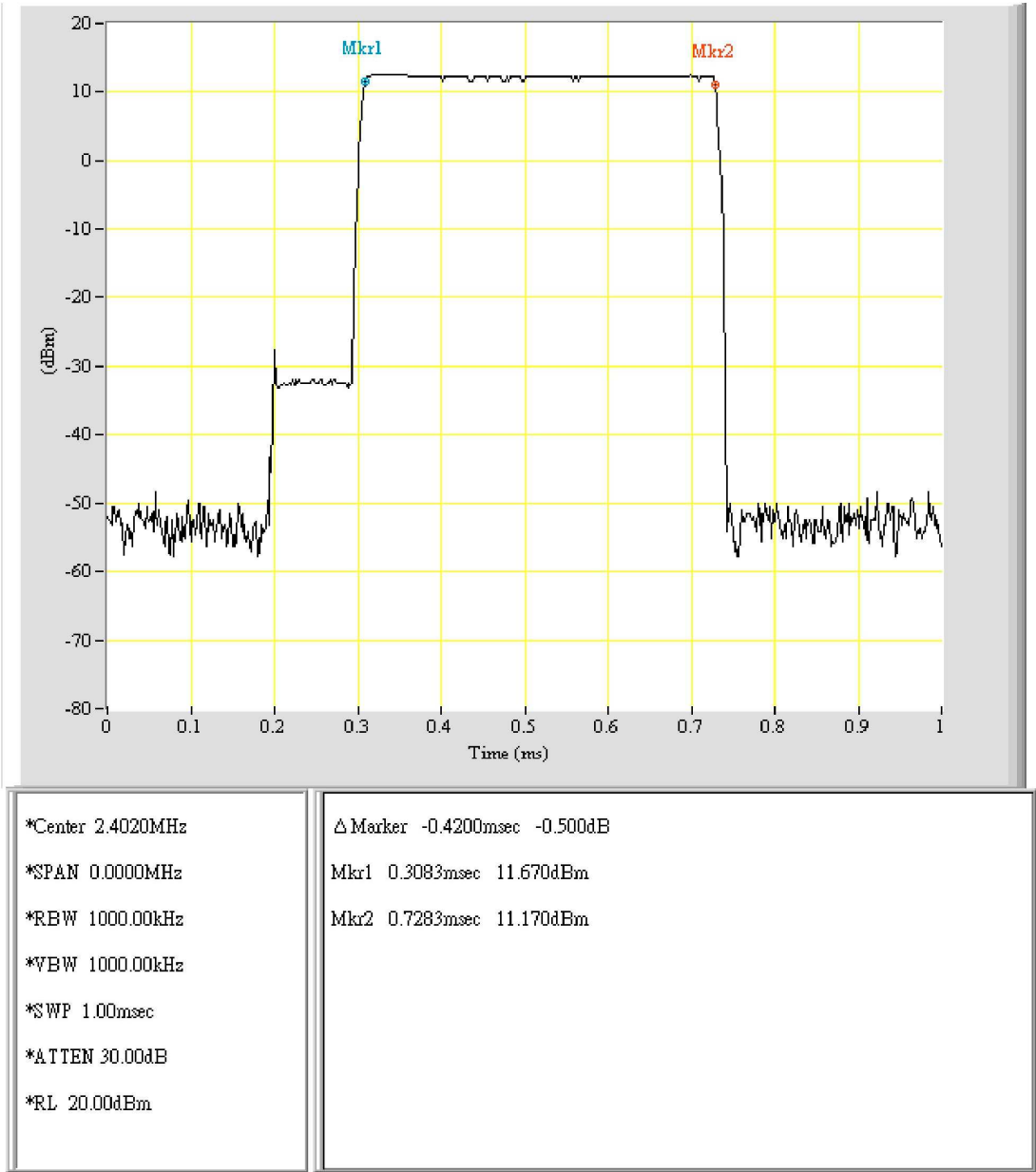
Temperature : 23 °C

Humidity: 71%

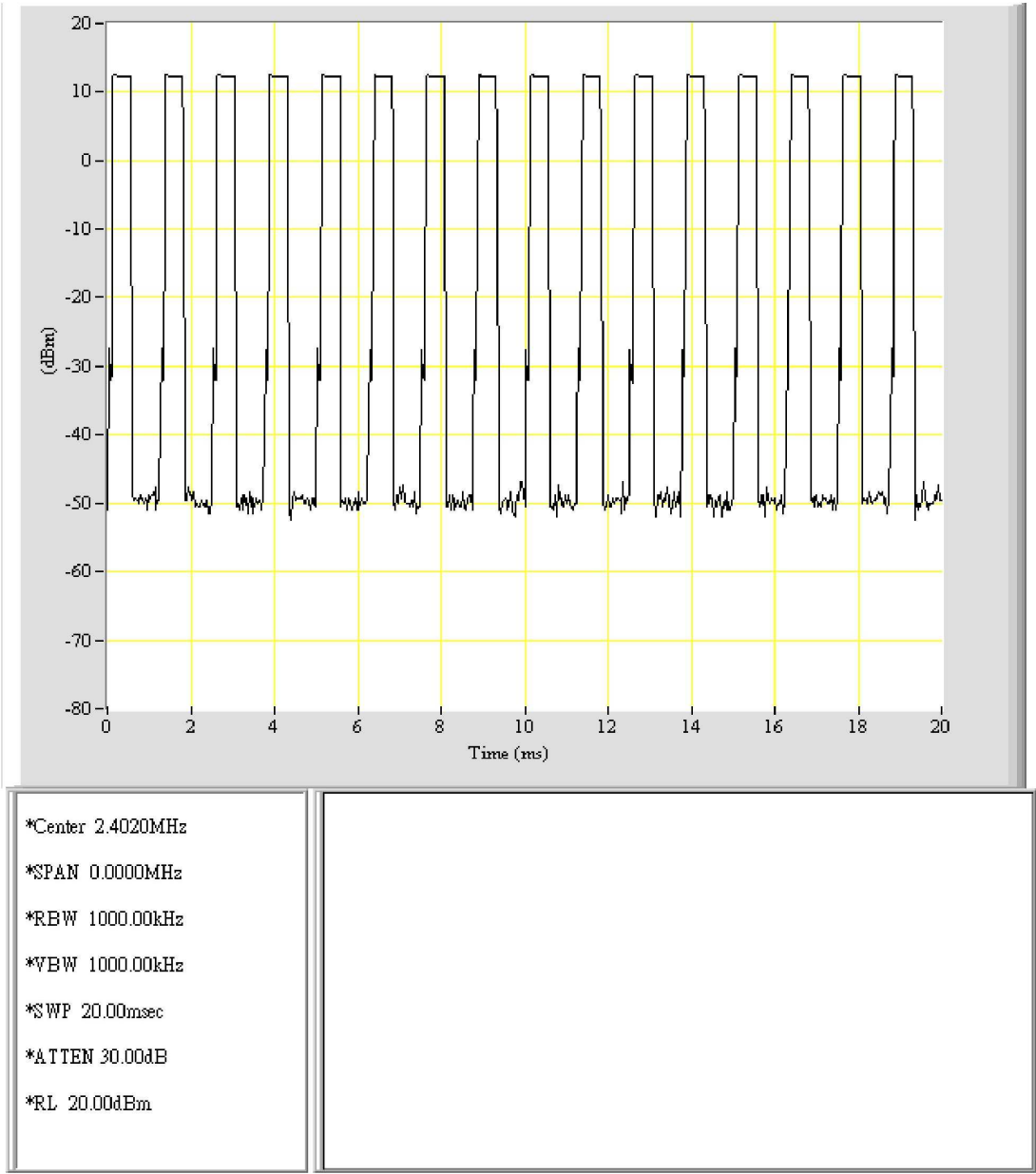
Test period=0.4(second/channel)×79 channel=31.6sec

- a) 2402MHz dwell time=  $420.0\mu\text{s} \times \frac{800}{79} \times 31.6 = 134.400 \text{ ms}$
- b) 2441MHz dwell time=  $420.0\mu\text{s} \times \frac{800}{79} \times 31.6 = 134.400 \text{ ms}$
- c) 2480MHz dwell time=  $420.0\mu\text{s} \times \frac{800}{79} \times 31.6 = 134.400 \text{ ms}$

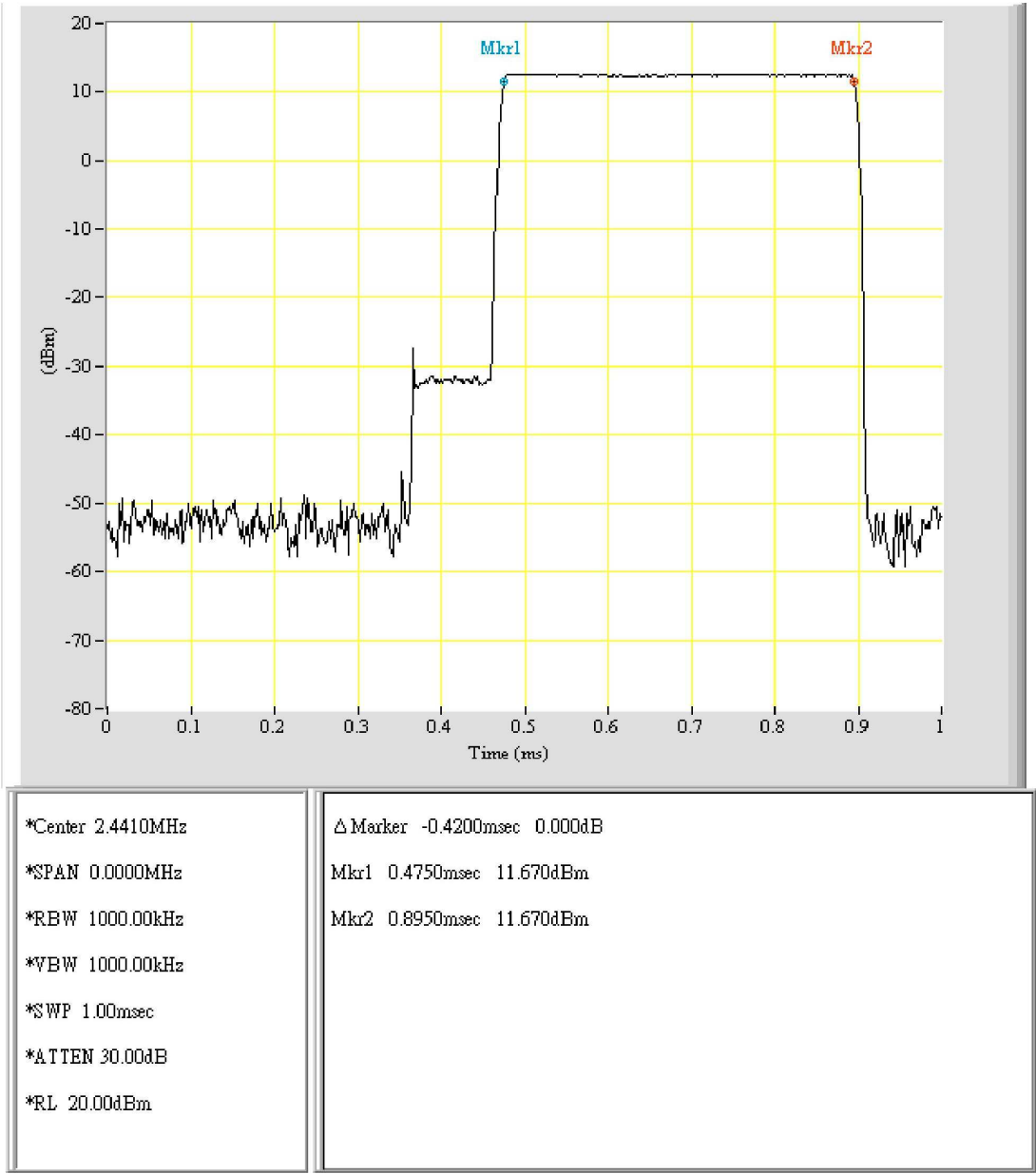
**Note:** Please refer to page 89 to page 94 for chart



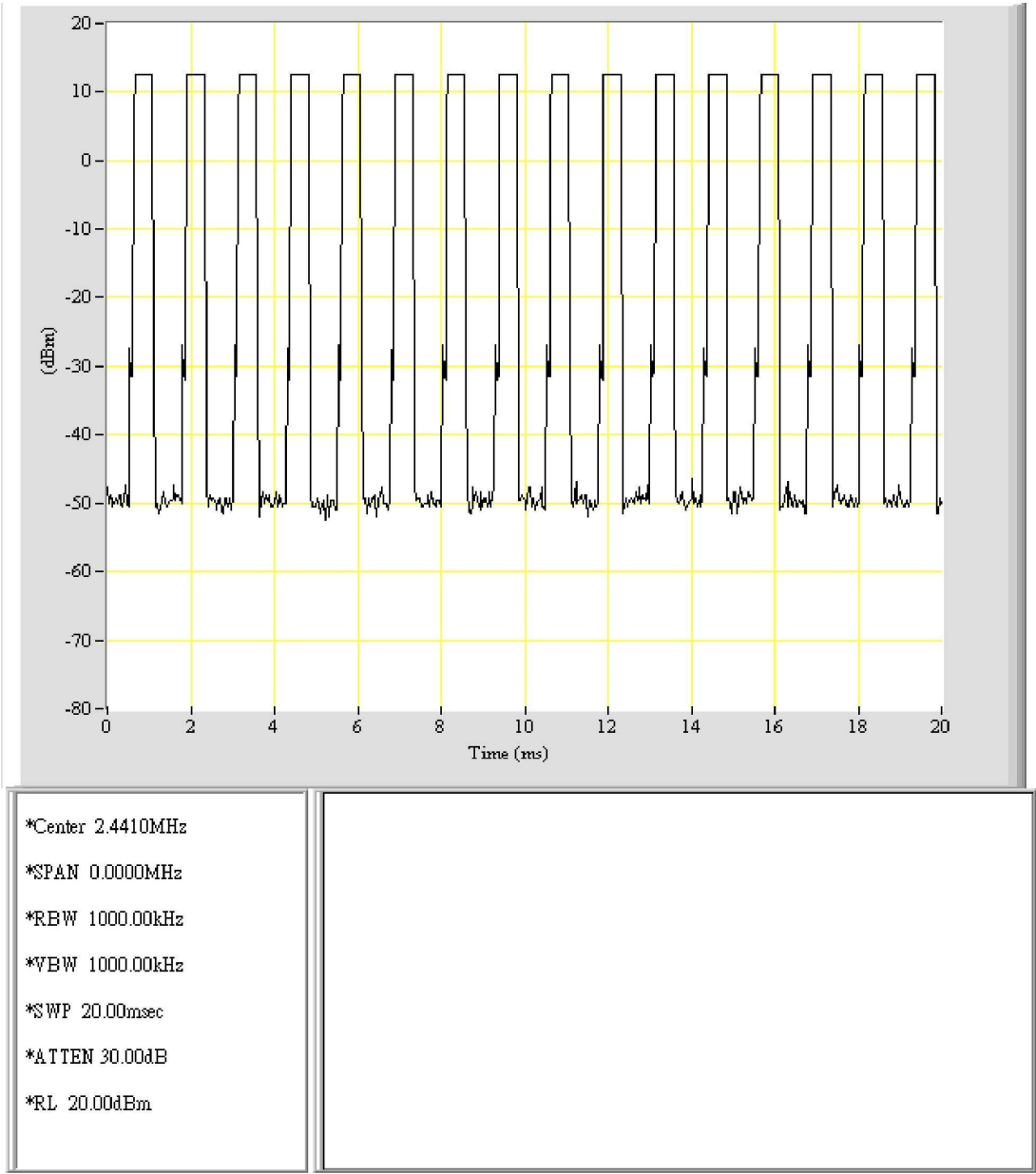
EUT:  
Purpose: Dwell\_Time  
Condition: DH1\_CH0  
Note:



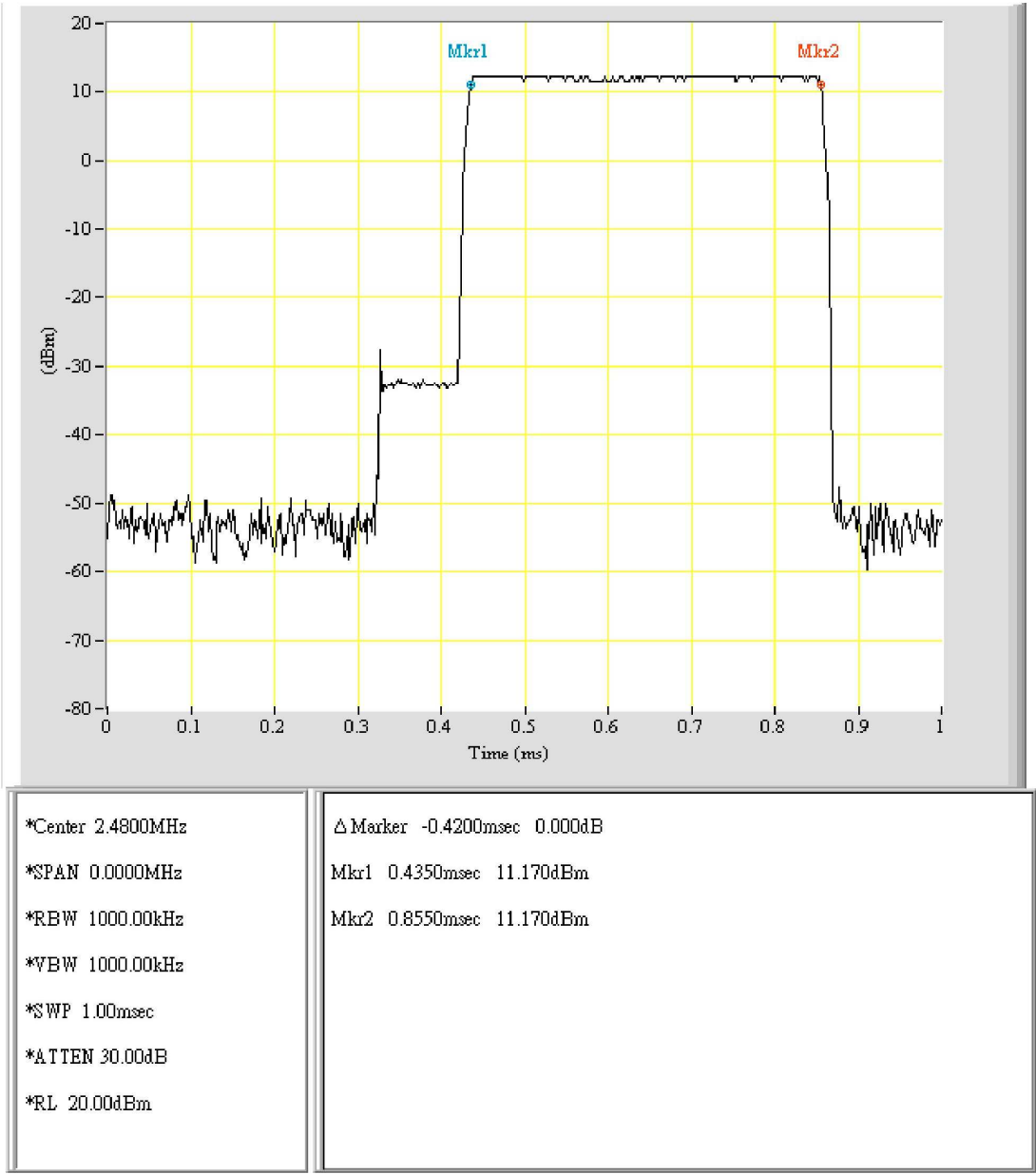
EUT:  
Purpose: Dwell\_Time\_Peroid  
Condition: DH1\_CH0  
Note:



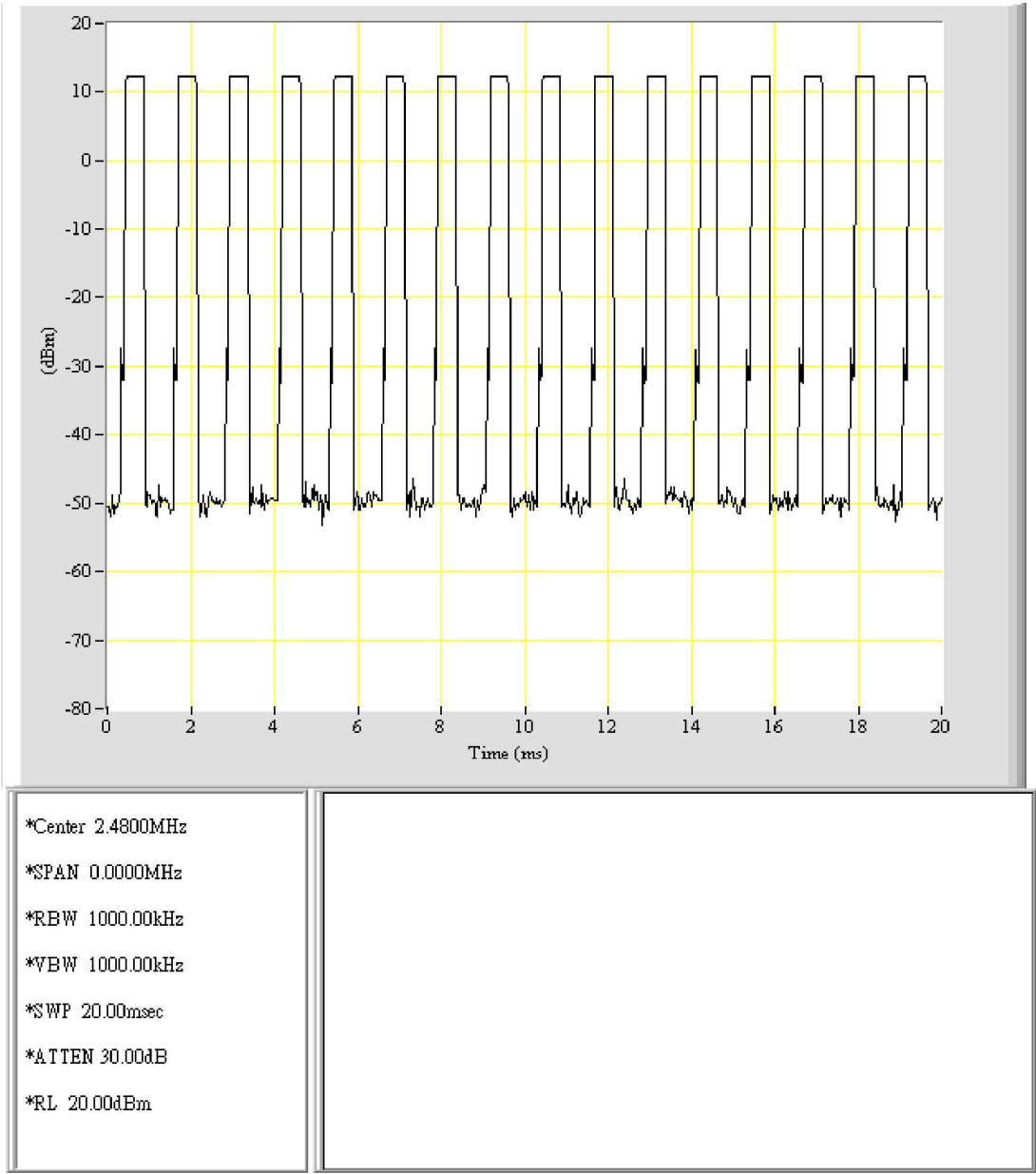
EUT: [redacted]  
Purpose: Dwell\_Time  
Condition: DH1\_CH39  
Note:



EUT: [redacted]  
Purpose: Dwell\_Time\_Peroid  
Condition: DH1\_CH39  
Note:



EUT:  
Purpose: Dwell\_Time  
Condition: DH1\_CH78  
Note:



EUT:  
Purpose: Dwell\_Time\_Peroid  
Condition: DH1\_CH78  
Note: