

## 4. BANDWIDTH OF EMISSION

### 4.1 Applicable Standard Plot Graphic of Bandwidth

Per FCC rule §15.231(c), the permitted emission bandwidth is no wider than 0.25% of the center frequency for devices operating above 70 MHz and below 900 MHz. For devices operating above 900 MHz, the emission shall be no wider than 0.5% of the center frequency. Bandwidth is determined at the points 20 dB down from the modulated carrier.

### 4.2 Test Equipment

Equipment	Manufacturer	Model No.	Next Cal. Date
Spectrum Analyzer	Agilent	8564EC	Sep. 16, 2005

### 4.3 Test Result

#### 4.3.1 CH 01

Test Date : Feb. 25, 2005    Temperature : 20 °C    Humidity : 70 %

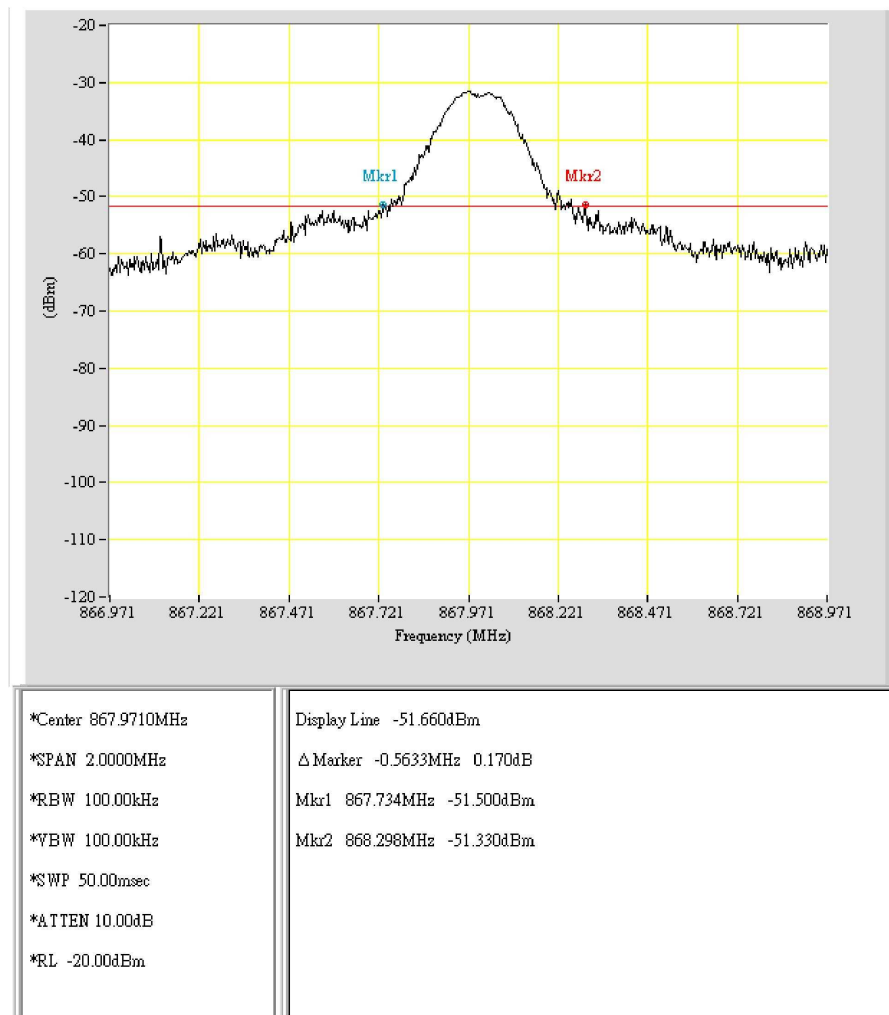
Center Frequency	868.00 MHz
FCC Limit	$868.000 \text{ MHz} \times 0.25\% = 2170.000 \text{ kHz}$
Bandwidth of Emission	563.3 kHz
Chart	Page 29
Result	PASS

#### 4.3.2 CH 20

Test Date : Feb. 25, 2005    Temperature : 20 °C    Humidity : 70 %

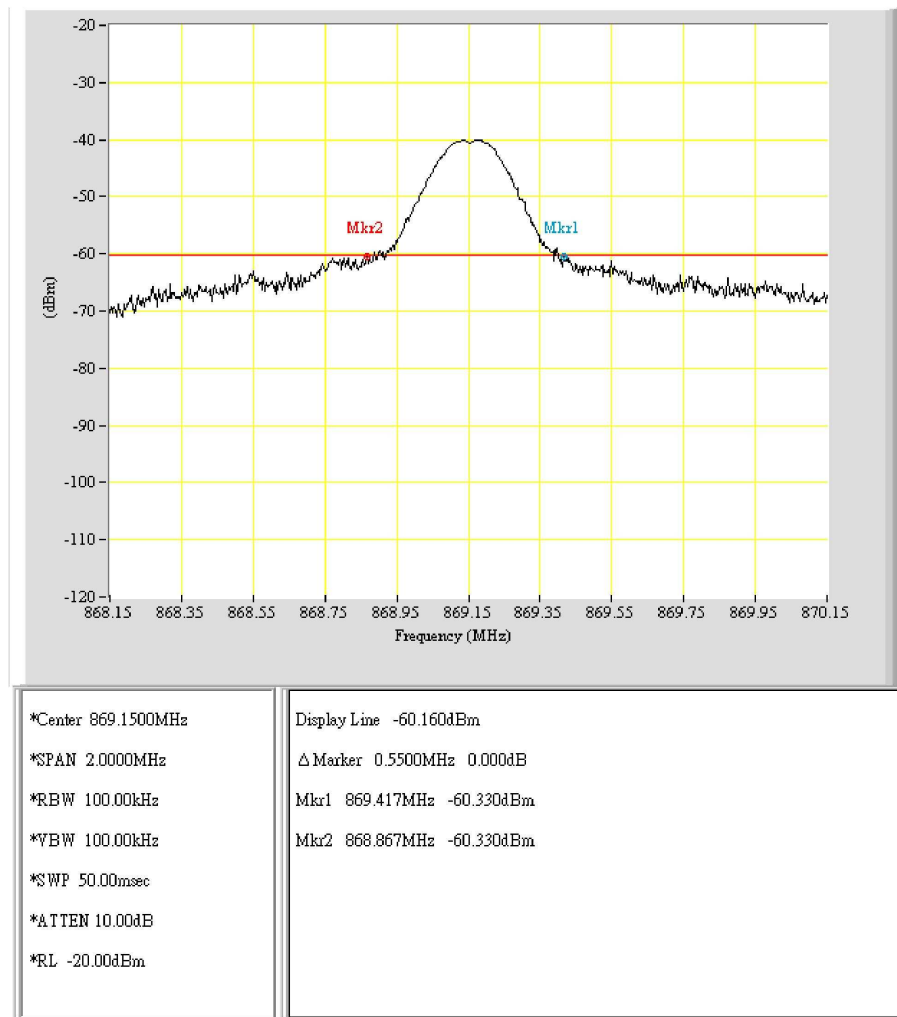
Center Frequency	869.140 MHz
FCC Limit	$869.140 \text{ MHz} \times 0.25\% = 2172.850 \text{ kHz}$
Bandwidth of Emission	550.0 kHz
Chart	Page 30
Result	PASS

## CH 1



EUT: A5-PROP  
Purpose: 20dB\_BW  
Condition: Tx\_868\_CH1  
Note:

## CH 20



EUT: A5-PROP  
Purpose: 20dB\_BW  
Condition: Tx\_868\_CH20  
Note:

## **5. CONDUCTED EMISSION MEASUREMENT**

This EUT is excused from investigation of conducted emission, for it is powered by battery only. According to §15.207 (d), measurements to demonstrate compliance with the conducted limits are not required for devices which only employ battery power for operation and which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines.

## **6. LIMIT OF TRANSMISSION TIME**

### **6.1 Applicable Standard**

According to 15.231(a)(1), a manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.

### **6.2 Active Time**

CH 01

This transmitter is operated by manual and active time is 0.867 second after being released.

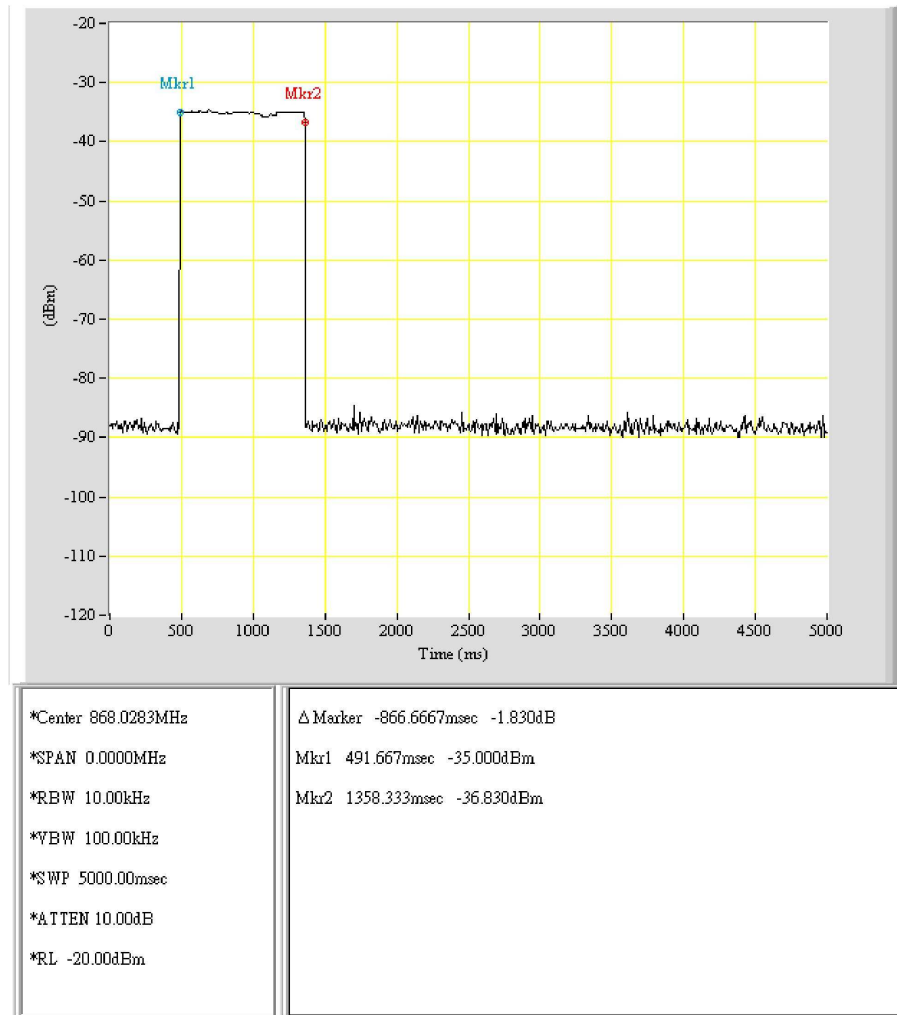
*Note : Please refer to page 33 for chart*

CH 20

This transmitter is operated by manual and active time is 0.933 second after being released.

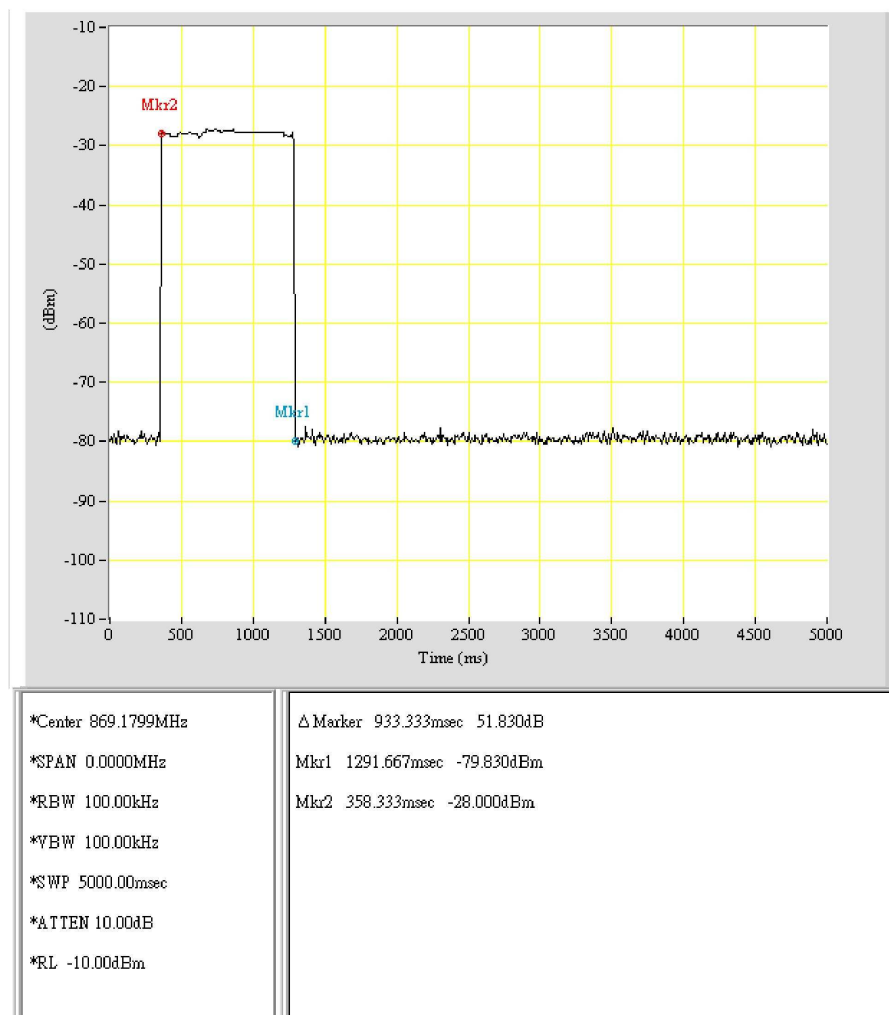
*Note : Please refer to page 34 for chart*

## CH 1



EUT: A5\_PROP  
Purpose: ACTIVE\_TIME  
Condition: Tx\_868\_CH1  
Note:

## CH 20



EUT: A5-PROP  
Purpose: ACTIVE\_TIME  
Condition: Tx\_868\_CH2  
Note: