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

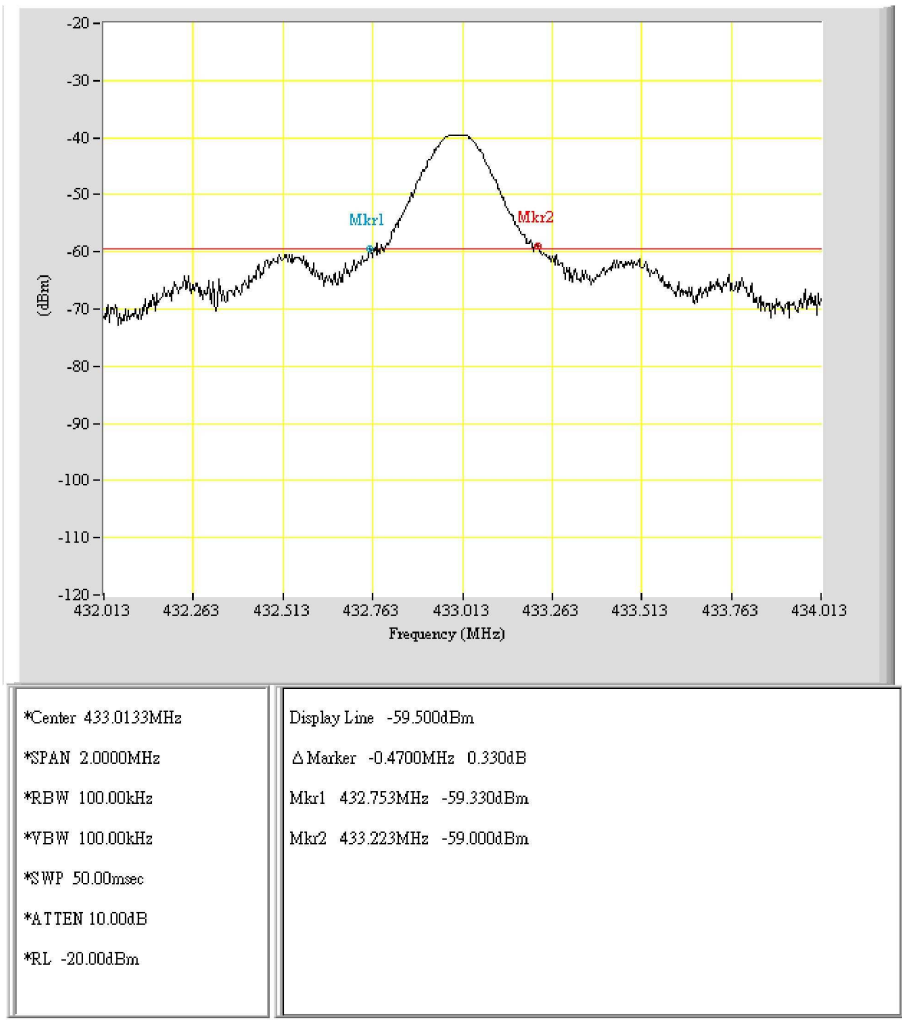Test Date : Feb. 25, 2005   Temperature : 20 ℃   Humidity : 70 %

Center Frequency	433.000 MHz
FCC Limit	433.000 MHz ×0.25%＝1082.500 kHz
Bandwidth of Emission	470 kHz
Chart	Page 29
Result	PASS

4.3.2 CH 20

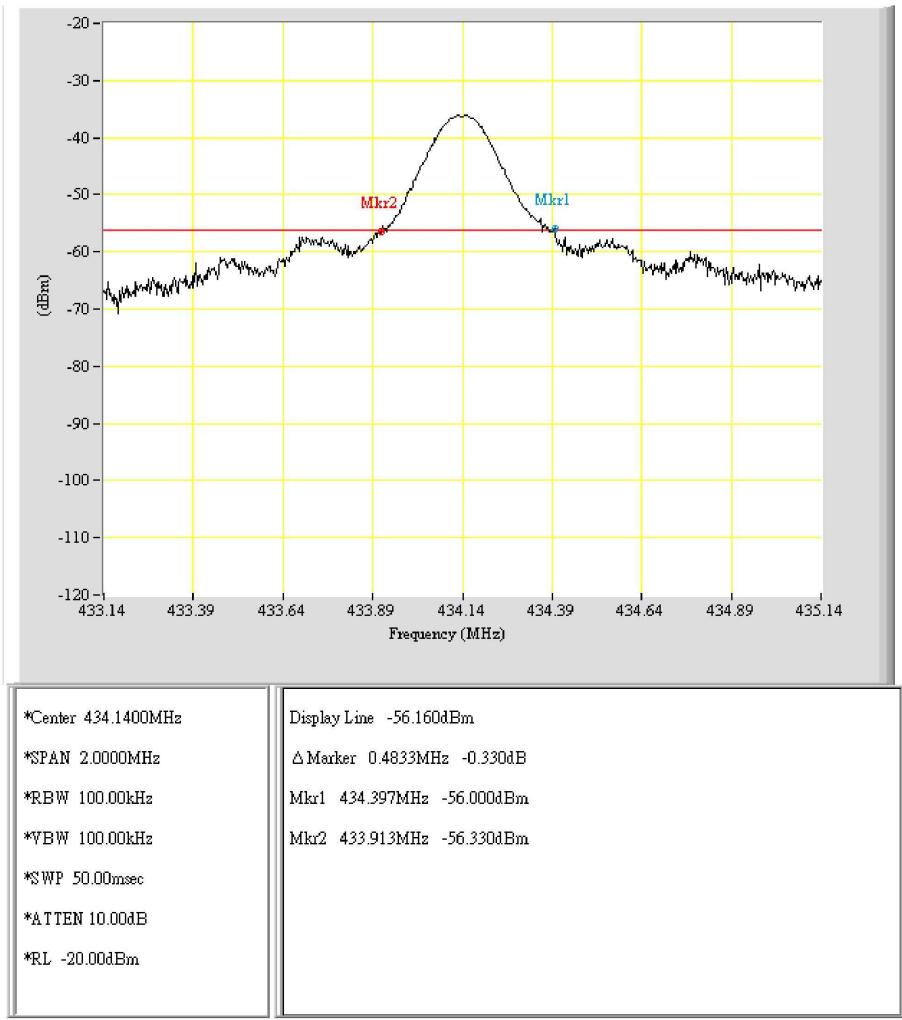Test Date : Feb. 25, 2005   Temperature : 20 ℃   Humidity : 70 %

Center Frequency	434.140 MHz
FCC Limit	434.140MHz ×0.25%＝1085.350 kHz
Bandwidth of Emission	483.3 kHz
Chart	Page 30
Result	PASS

CH 1

*Center 433.0133MHz	Display Line -59.500dBm
*SPAN 2.0000MHz	△Marker -0.4700MHz 0.330dB
*RBW 100.00kHz	Mkr1 432.753MHz -59.330dBm
*VBW 100.00kHz	Mkr2 433.223MHz -59.000dBm
*SWP 50.00msec	
*ATTEN 10.00dB	
*RL -20.00dBm	

EUT: A5-PROP
Purpose: 20dB_BW
Condition: 433_Tx_CH1
Note:

CH 20

*Center 434.1400MHz	Display Line -56.160dBm
*SPAN 2.0000MHz	△Marker 0.4833MHz -0.330dB
*RBW 100.00kHz	Mkr1 434.397MHz -56.000dBm
*VBW 100.00kHz	Mkr2 433.913MHz -56.330dBm
*SWP 50.00msec	
*ATTEN 10.00dB	
*RL -20.00dBm	

EUT: A5-PROP
Purpose: 20dB_BW
Condition: 433_Tx_CH2
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 0.641 second after being released.
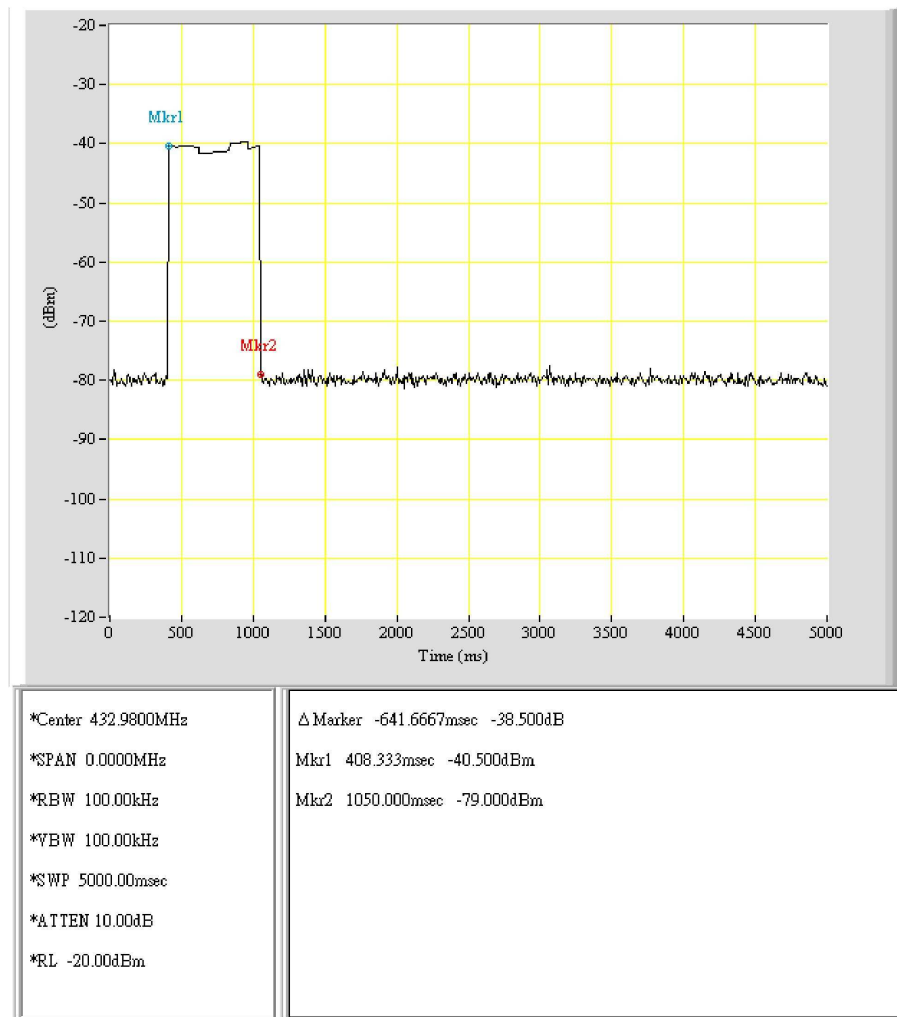
Note : Please refer to page 33 for chart

CH 20

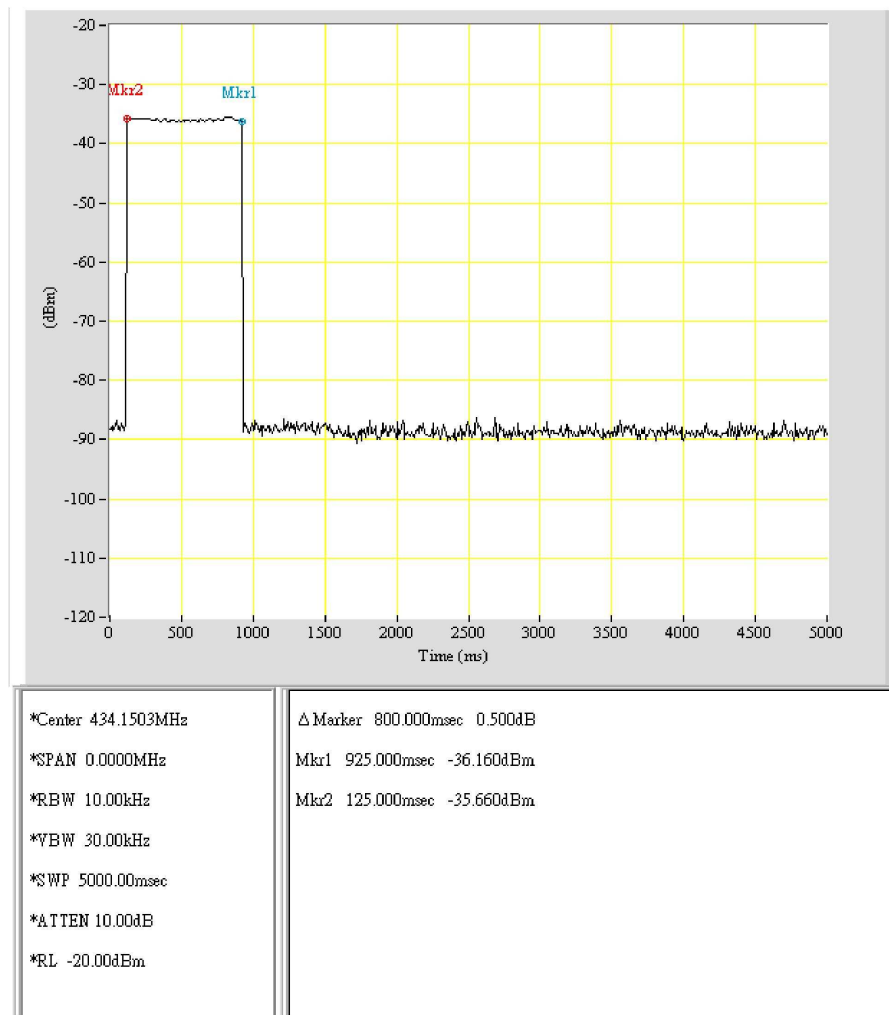This transmitter is operated by manual and active time is 0.8 second after being released.

Note : Please refer to page 34 for chart

CH 1

*Center 432.9800MHz	△Marker -641.6667msec -38.500dB
*SPAN 0.0000MHz	Mkr1 408.333msec -40.500dBm
*RBW 100.00kHz	Mkr2 1050.000msec -79.000dBm
*VBW 100.00kHz	
*SWP 5000.00msec	
*ATTEN 10.00dB	
*RL -20.00dBm	

EUT: A5-PROP
Purpose: ACTIVE_TIME
Condition: 433_Tx_CH1
Note:

CH 20

*Center 434.1503MHz	△Marker 800.000msec 0.500dB
*SPAN 0.0000MHz	Mkr1 925.000msec -36.160dBm
*RBW 10.00kHz	Mkr2 125.000msec -35.660dBm
*VBW 30.00kHz	
*SWP 5000.00msec	
*ATTEN 10.00dB	
*RL -20.00dBm	

EUT: A5-PROP
Purpose: ACTIVE_TIME
Condition: 433_Tx_CH2
Note: