

## OCCUPIED BANDWIDTH

### **Measurement Procedure**

The RF output port of the equipment under test is directly coupled to the input of the EMC analyzer through a specialized RF connector and a 10dB passive attenuator. The amplitude of the spectrum analyzer is corrected for the attenuator and any other applicable losses. The analyzer is set for Peak Detector. A fully charged battery was used for the supply voltage.

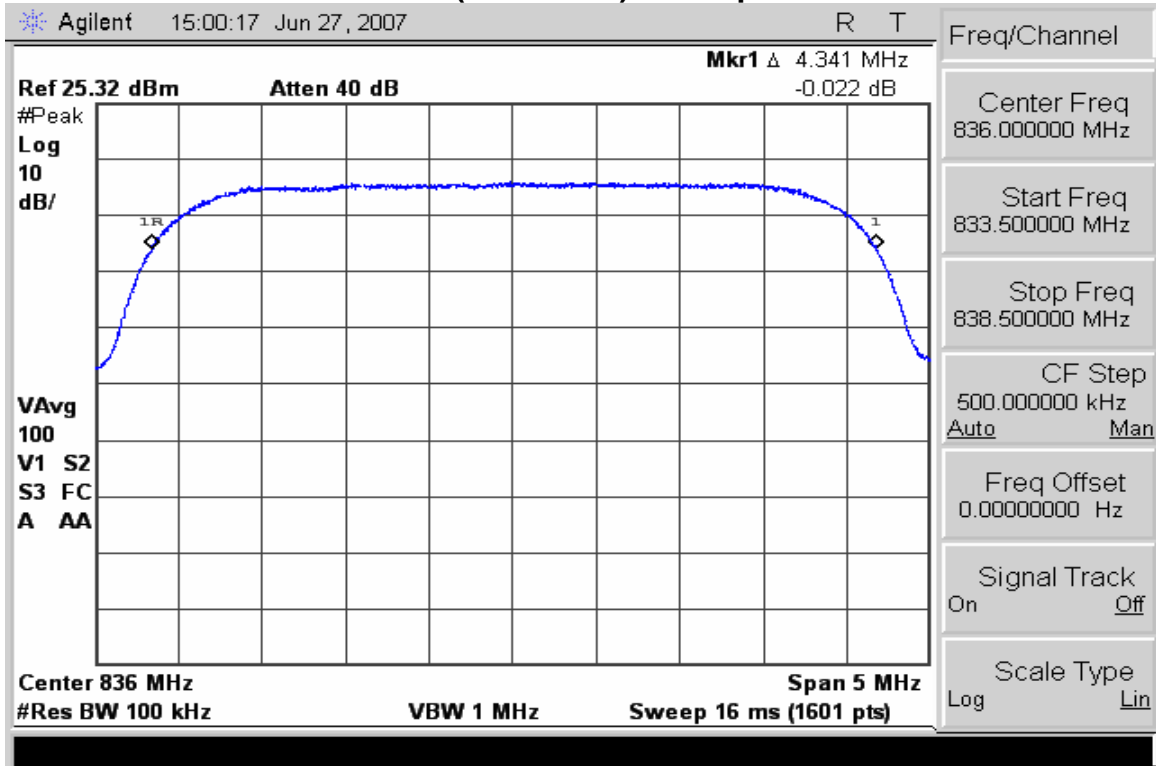
The middle channel within the designated frequency block was measured. For digital modulation, the lower and upper band edge plots are displayed.

### **Measurement Results**

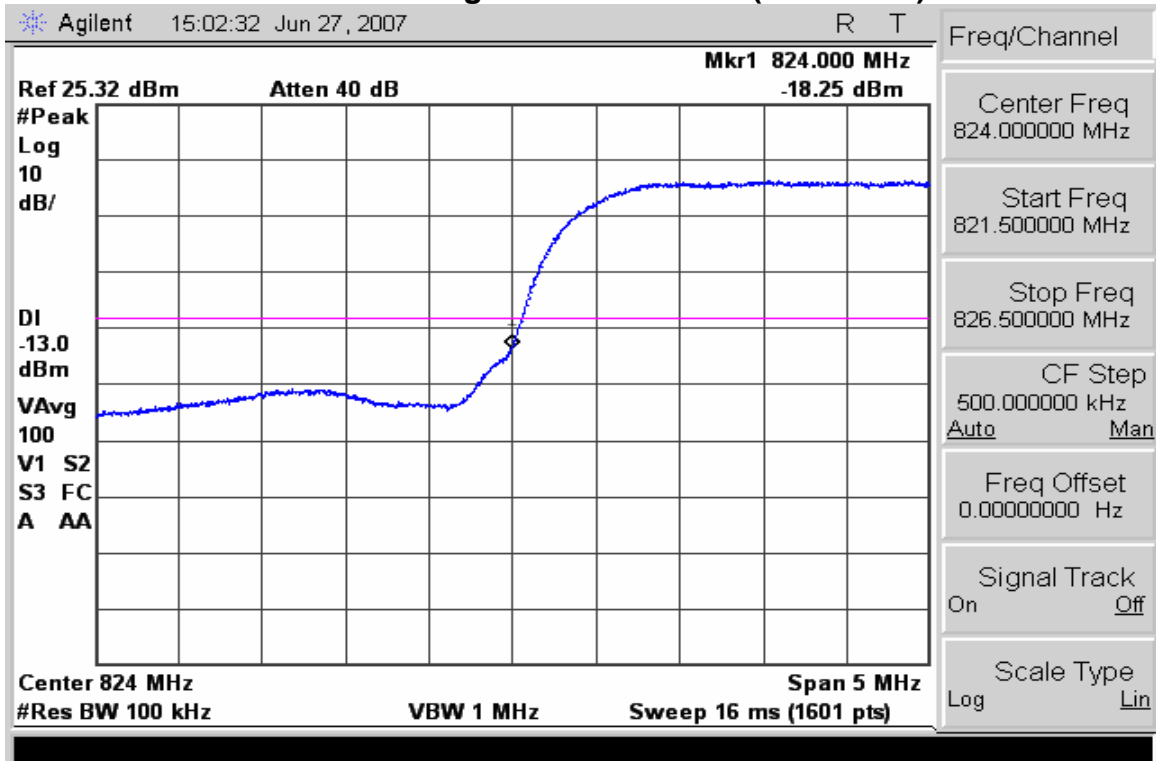
Attached

## Measurement Results – WCDMA 850

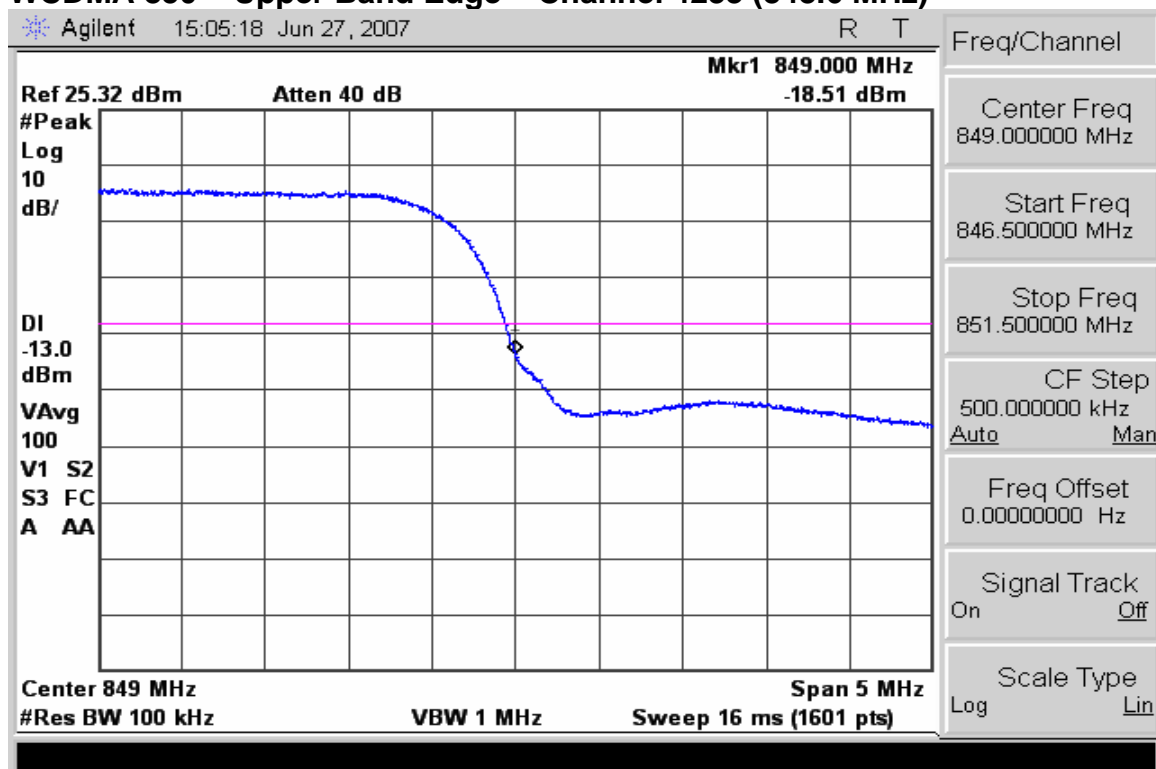
### WCDMA 850 – Channel 4180 (836.0 MHz)– Occupied Bandwidth



### WCDMA 850 – Lower Band Edge – Channel 4132 (826.4 MHz)

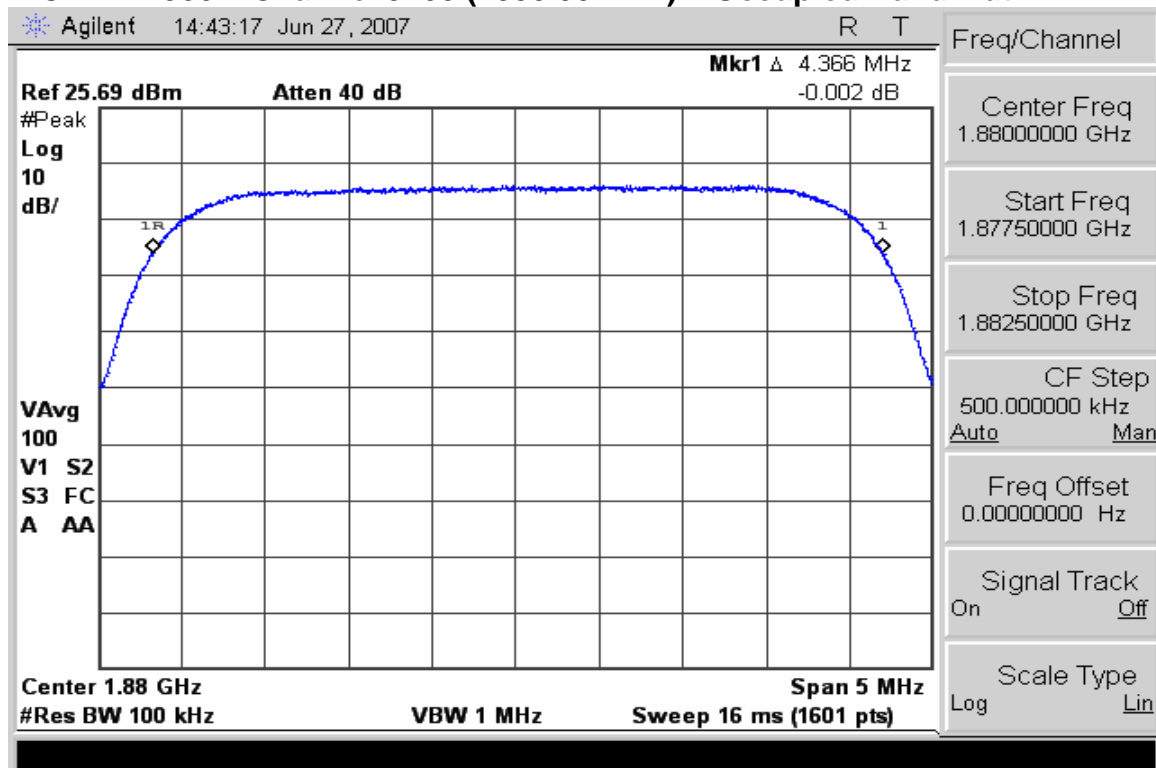


# WCDMA 850 – Upper Band Edge – Channel 4233 (848.6 MHz)

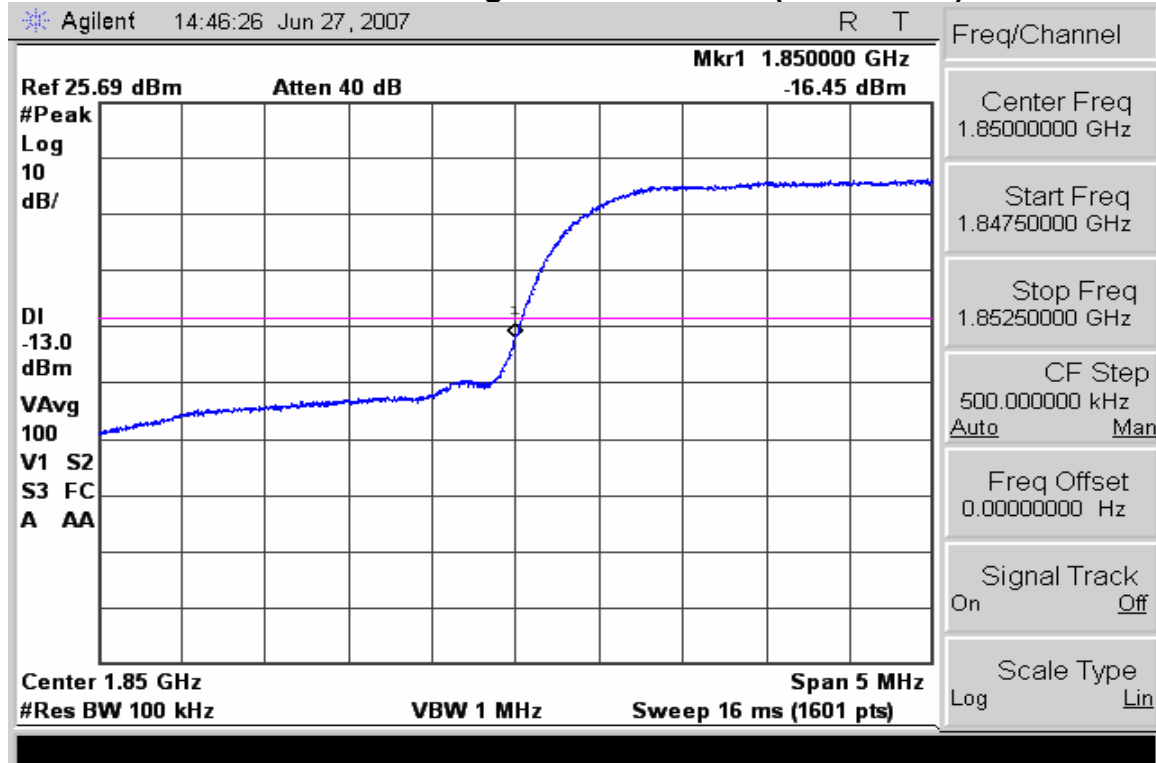


## Measurement Results – WCDMA 1900

### WCDMA 1900 – Channel 9400 (1880.00 MHz) – Occupied Bandwidth



# WCDMA 1900 – Lower Band Edge – Channel 9262 (1852.4 MHz)



WCDMA 1900 – Upper Band Edge – Channel 9538 (1907.6 MHz)

