







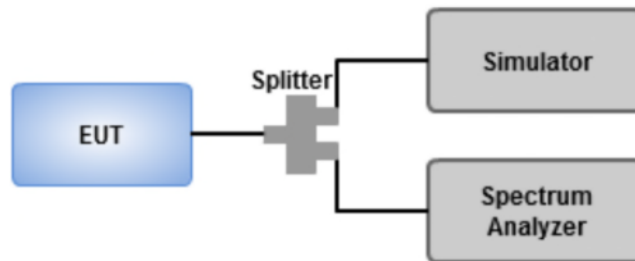


## 3.5 Occupied and 26 dB Bandwidth

### 3.5.1 Test Procedures

1. Set RBW = 100 kHz, VBW = 300 kHz for WCDMA.  
Set RBW = 20 / 50 / 100 / 200 / 200 / 300 kHz, VBW = 100 / 200 / 300 / 1000 / 1000 / 1000 kHz for LTE channel bandwidth 1.4 / 3 / 5 / 10 / 15 / 20 MHz.
2. Detector = Peak, Trace mode = max hold.
3. Sweep = auto couple, Allow the trace to stabilize.
4. Using occupied bandwidth measurement function of spectrum analyzer to measure occupied bandwidth.
5. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower) that are attenuated by 26dB relative to the maximum level measured in the fundamental emission.

### 3.5.2 Test Setup



### 3.5.3 Test Result of Occupied Bandwidth

MODE	Channel	Frequency (MHz)	99% OBW (MHz)	26dB BW (MHz)
WCDMA BAND 2	9262	1852.4	4.0955	4.6377
WCDMA BAND 2	9400	1880.0	4.1389	4.7681
WCDMA BAND 2	9538	1907.6	4.1099	4.6667

