

1. Remove battery cover:
2. Insert 1 pieces of 9 volt(aa) to battery terminals.
3. Slide power switch to “on” position while observing led (blink).
4. RF power output adjustment for SM-916SDX
 - (1) please place SM-916SDX at 30 cm from Spectrum Analyzer Antenna and parallel to antenna.
 - (2) Adjust “C414,C413, on the SM-916SDX PCB to obtain the power output level of less than 105dBuV.
 - (3) Adjust “VC601“ on the SM-916SDX PCB to obtain the correct frequency ± 6 Khz.
 - (4) Observe current meter and it should be less than 55mA.
5. SM-916SDX AF Adjustment
 - (1) Connect a 1Khz and 150mv audio signal to Min jack pin 3-2 on the SM-916SDX pcb.Then adjust VR703 to max.
 - (2) Connect a 1Khz and 150mv audio signal to GT jack pin 3-3 on the SM-916SDX PCB.then adjust VR901 to max.
 - (3) Adjust VR701 Until the deviation is 40 ± 2 Khz.
 - (4) Obserev MOD scope for an undistorted sin wave.
6. SM-916SDX TONE Adjustment
 - (1)Adjust VR501 until the TONE level is $5\text{Khz}\pm 1\text{Khz}$.