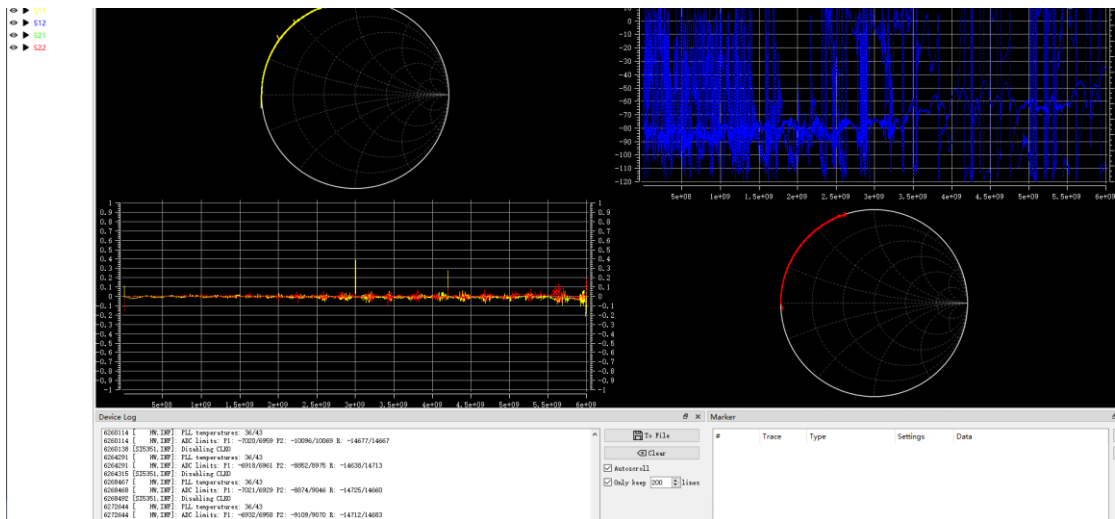
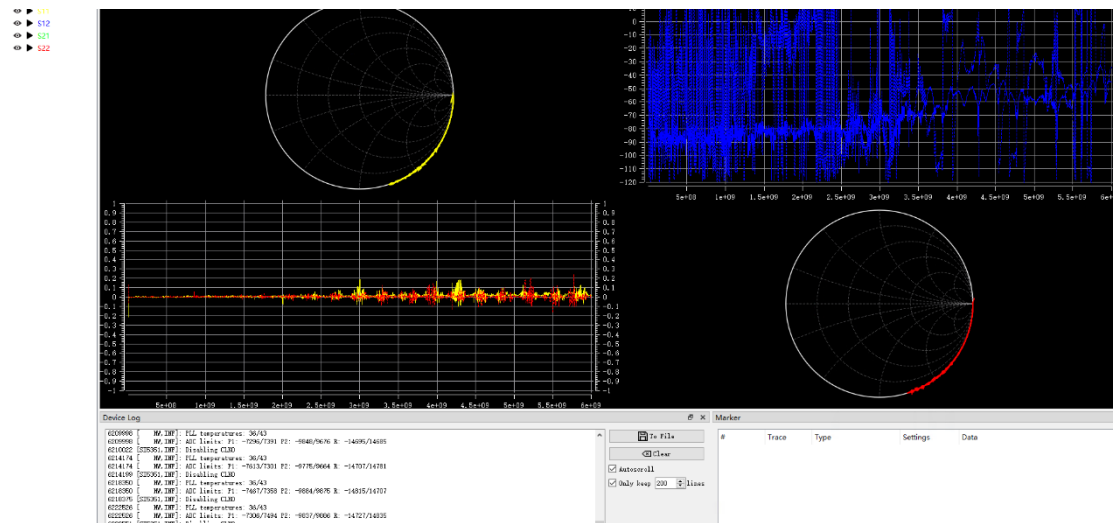


After the aluminum shell was installed, I measured the home-made calibrator again, and measured the 1NF capacitance.

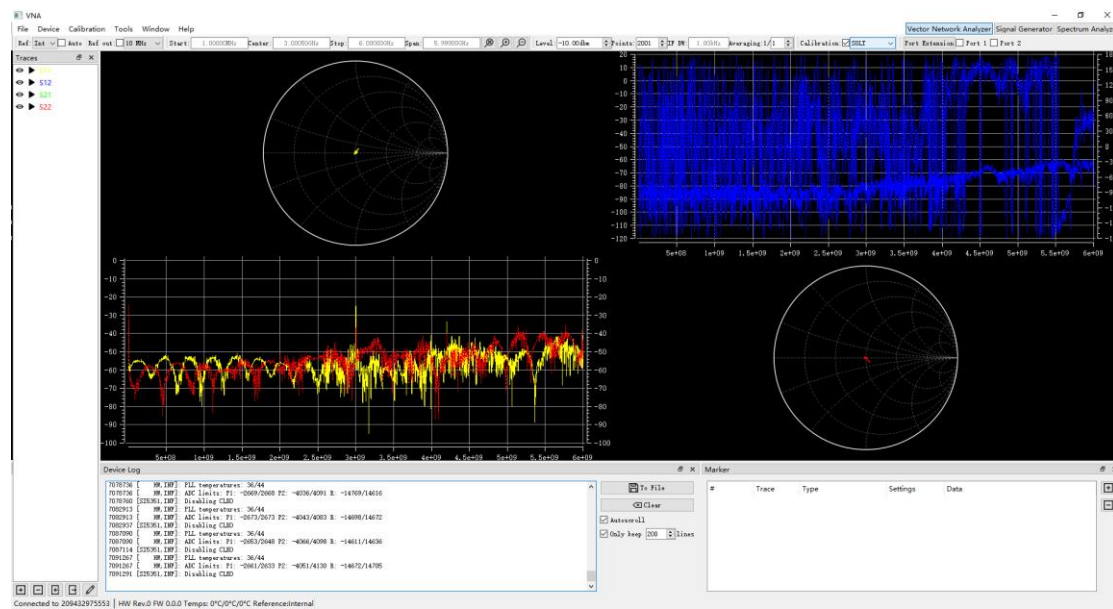
short_short



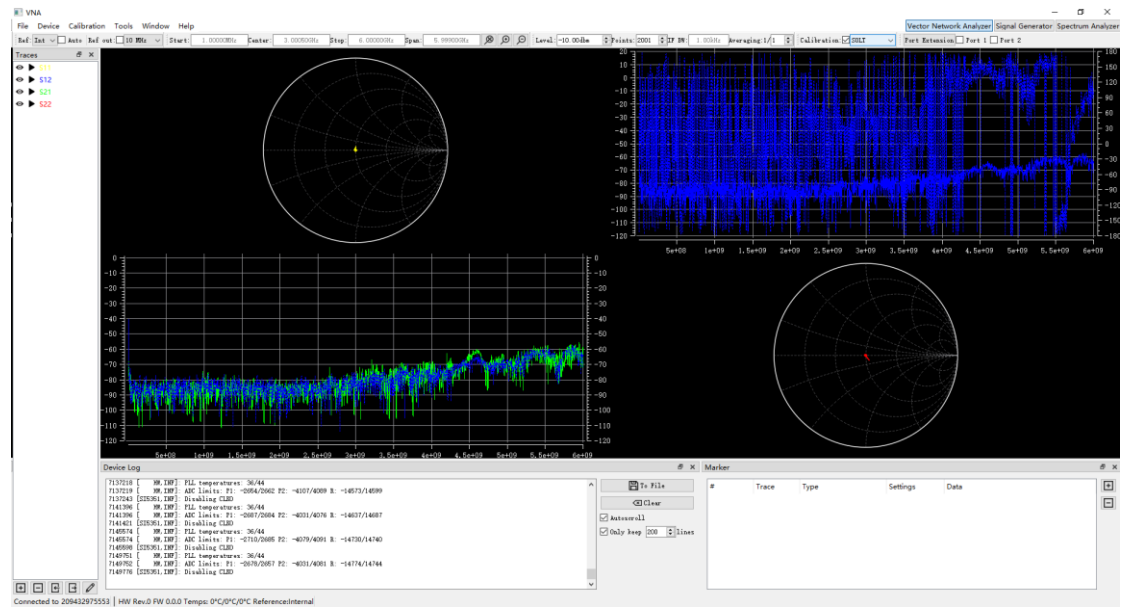
open_open



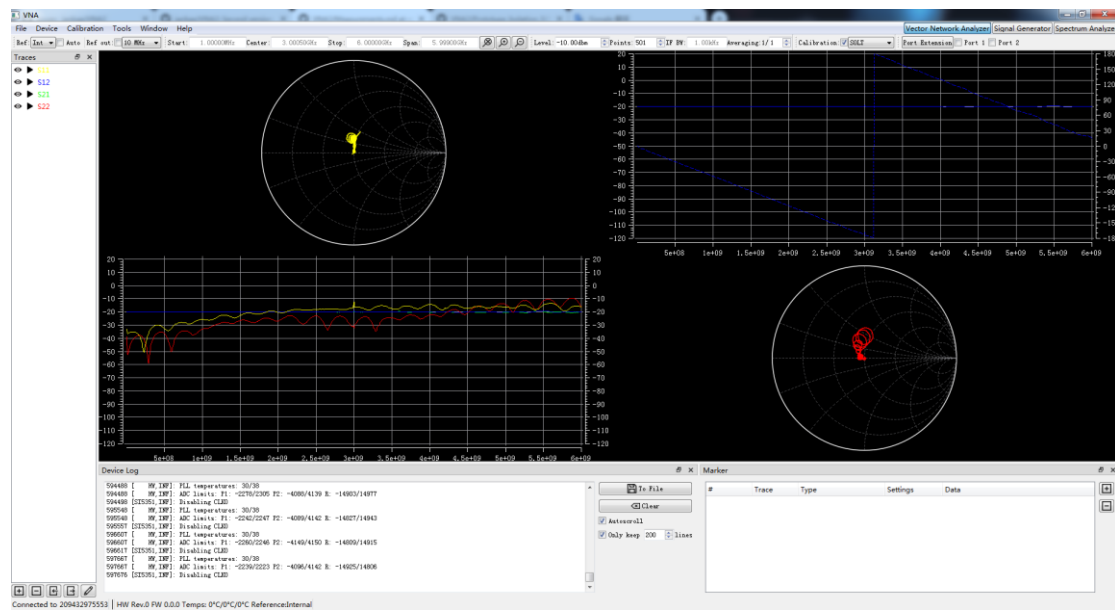
load_load



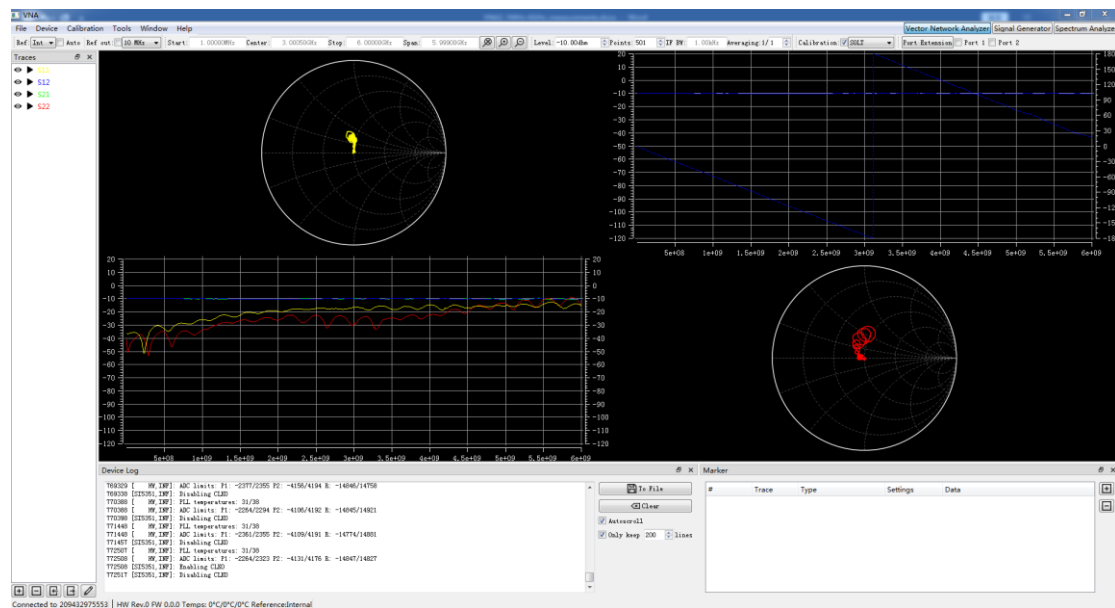
isolation



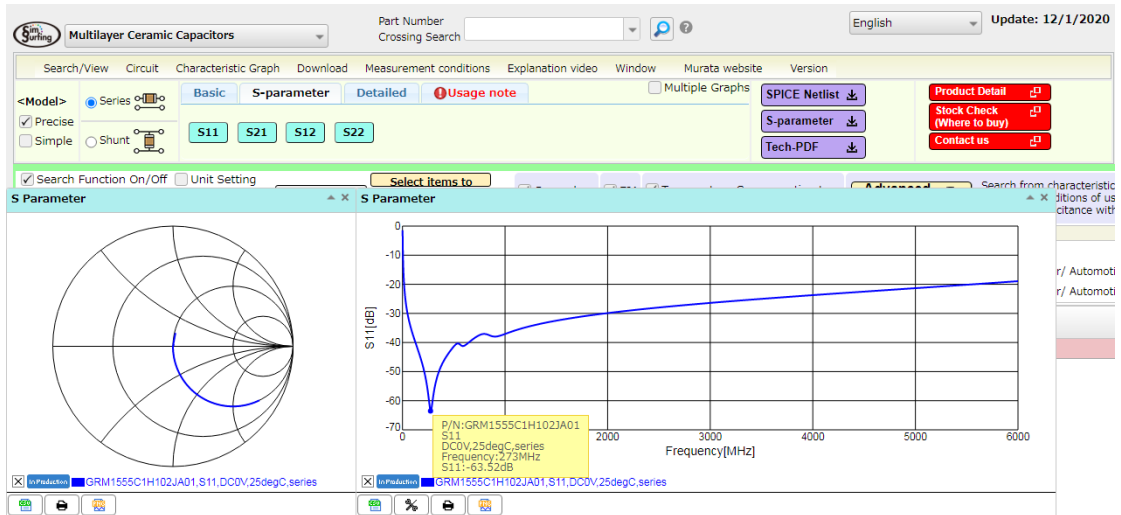
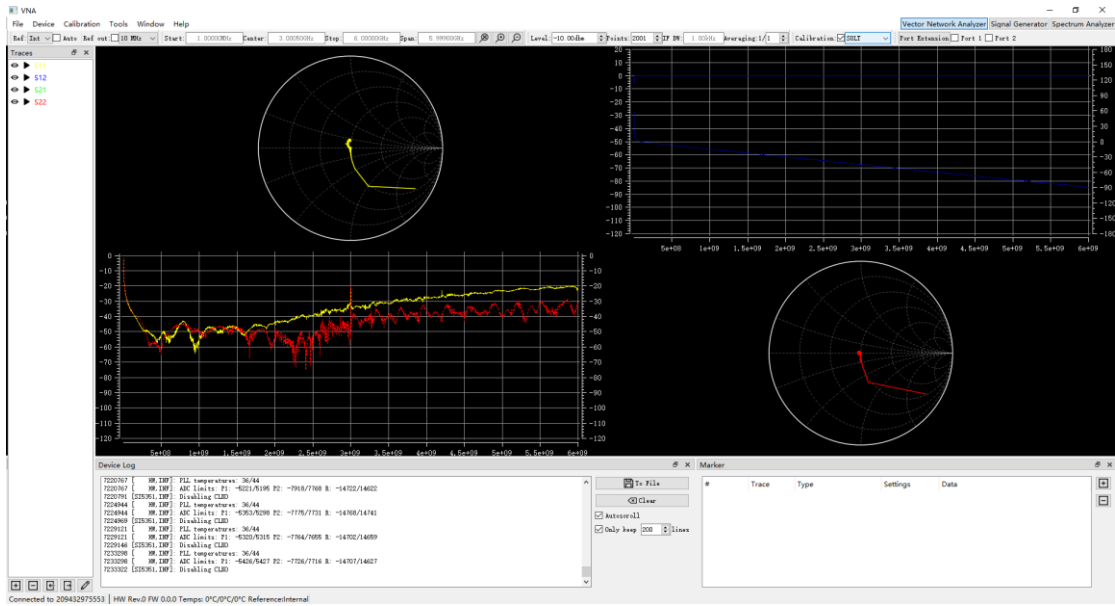
20db attenuator



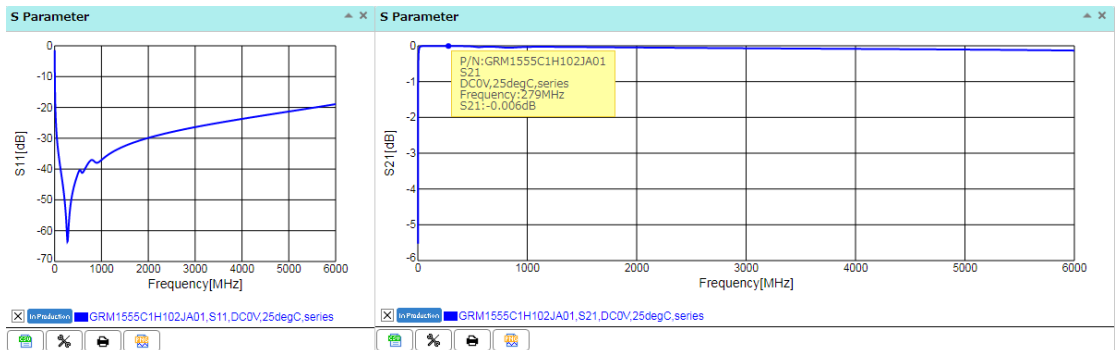
10db attenuator

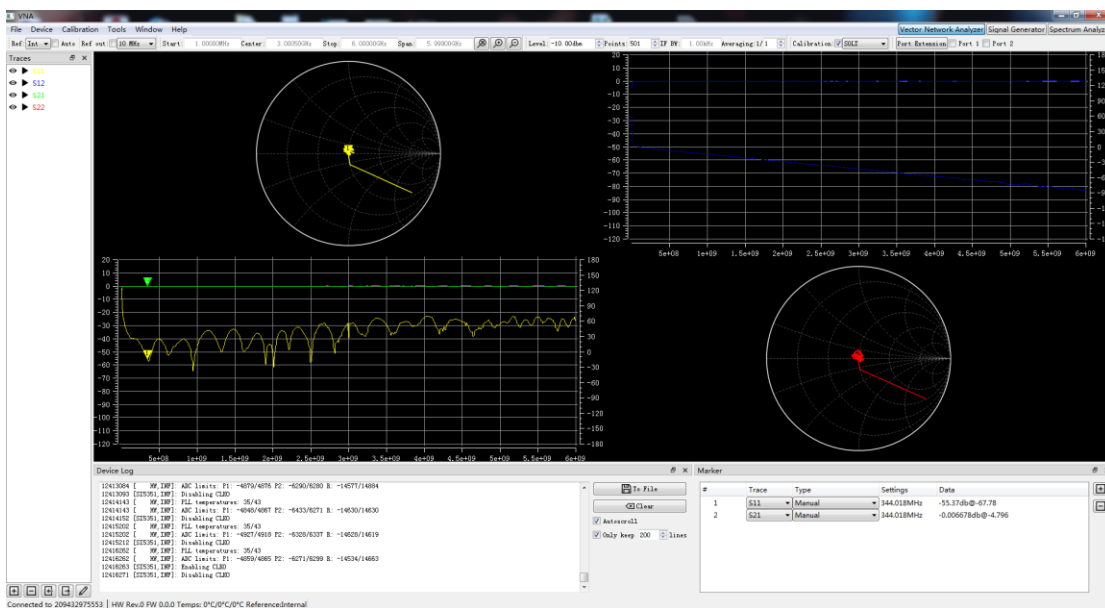
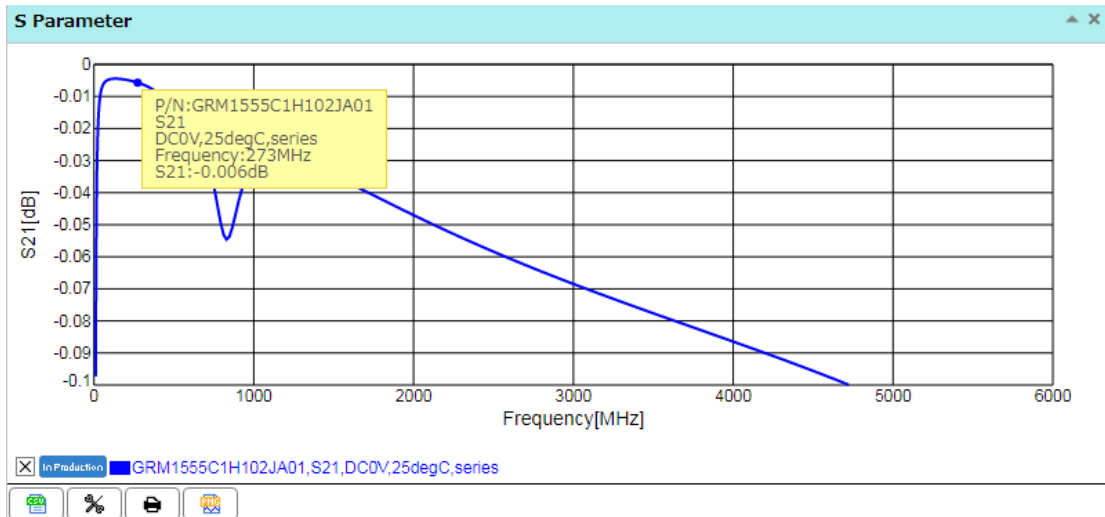


1nf(GRM1555C1H102JA01D)



The S21 at 273mhz is about 0.006db, and the normalized ESR is 0.069 Ω





The values I tested is 0.00667db, and the normalized ESR is 0.0768 Ω , the error is 11.3%.

