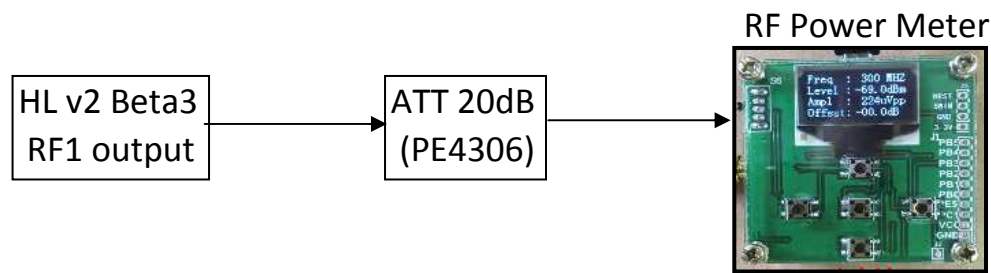


◆ Tx LPF capacitors replacement

10 Sep. 2017 JI1UDD

Test Setup



Capacitors replacement

Step		Old (pF)	Replace (pF)
1	C50 (150pF)	140	150 (I forgot to mesure)
2	C51 (160pF)	144	160.8
3	C49 (75pF)	72.2	76.2
4	C52 (100p)	99.6	101.6
5	C49 (75pF)	76.2	74.2

Test Result

- RF output power on higher frequency was improved by replacing C50 and C51
- Step 2 result seems the best.
- Step 4 result is almost same as Step 3.
- In order to close to Step 2 result, C49 capacitance was reduced, but Setp 4 result is better than step5.

