

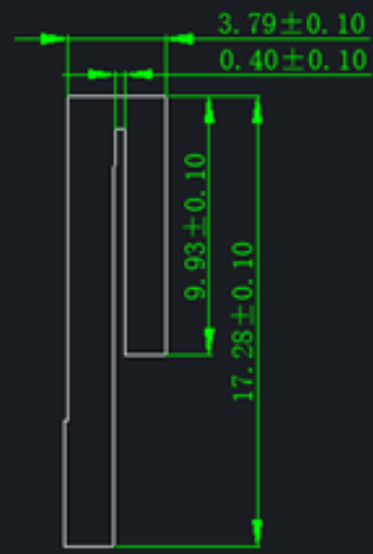


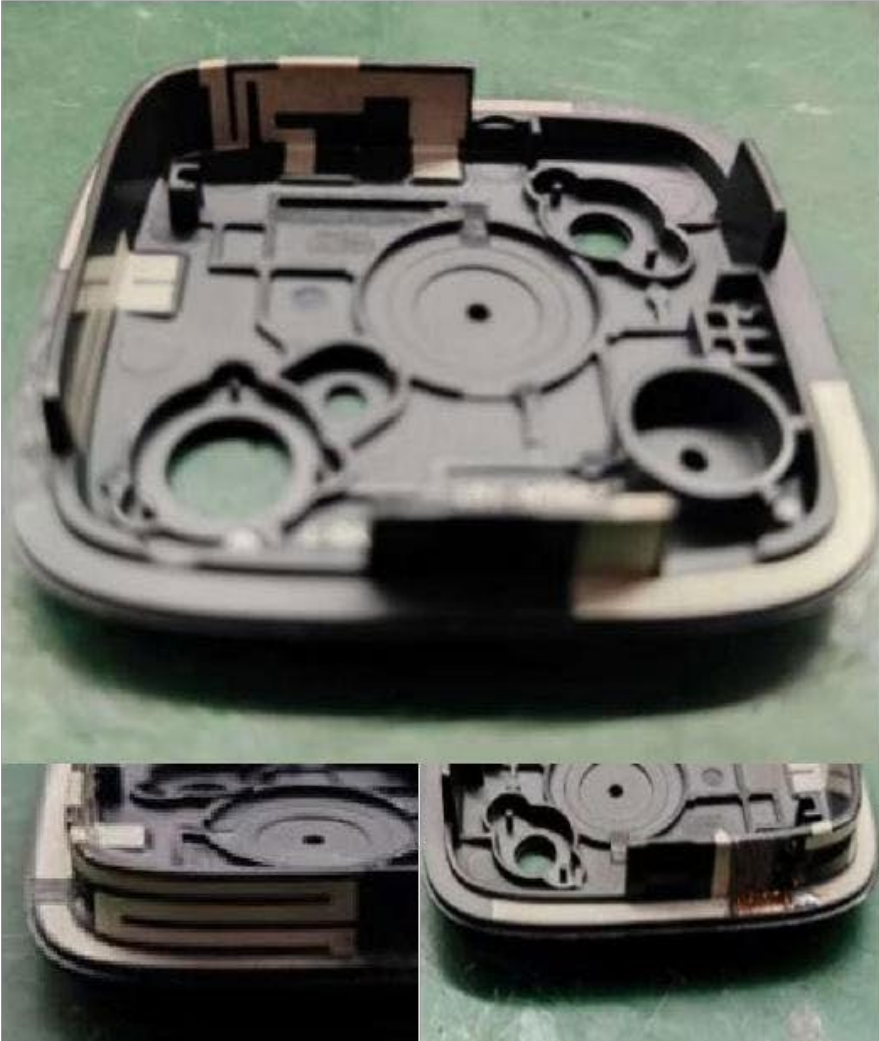
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The antenna is a sample antenna, the switch power supply is switched

Debug frequency band:

RF1: 880-2200 (B1,B2,B3,B4,B8,B25,B66)

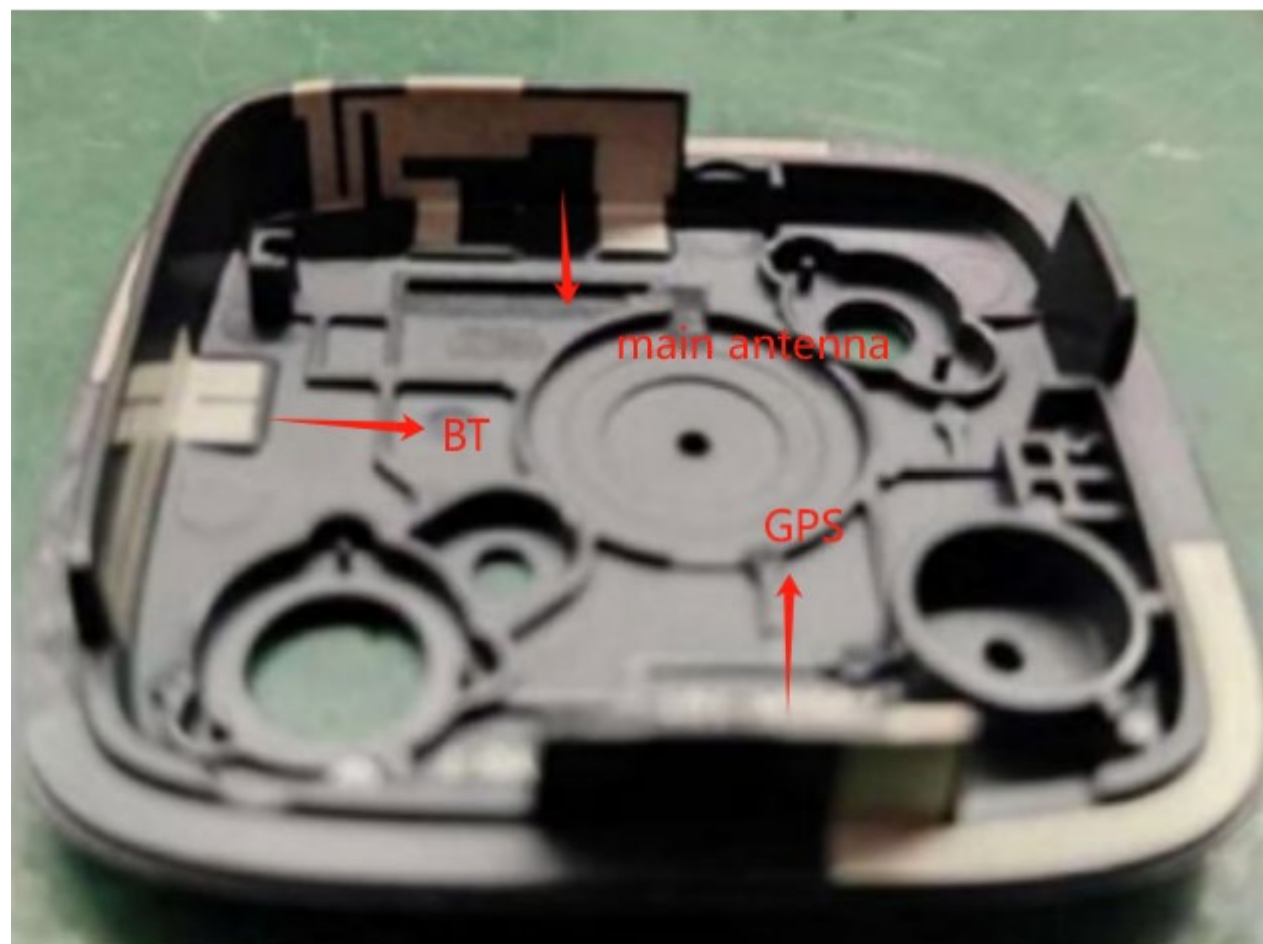
RF2: 791-894 (B5,B18,B19,B20,B26,B27)

RF3: 698-803 (B12,B13,B28,B85)

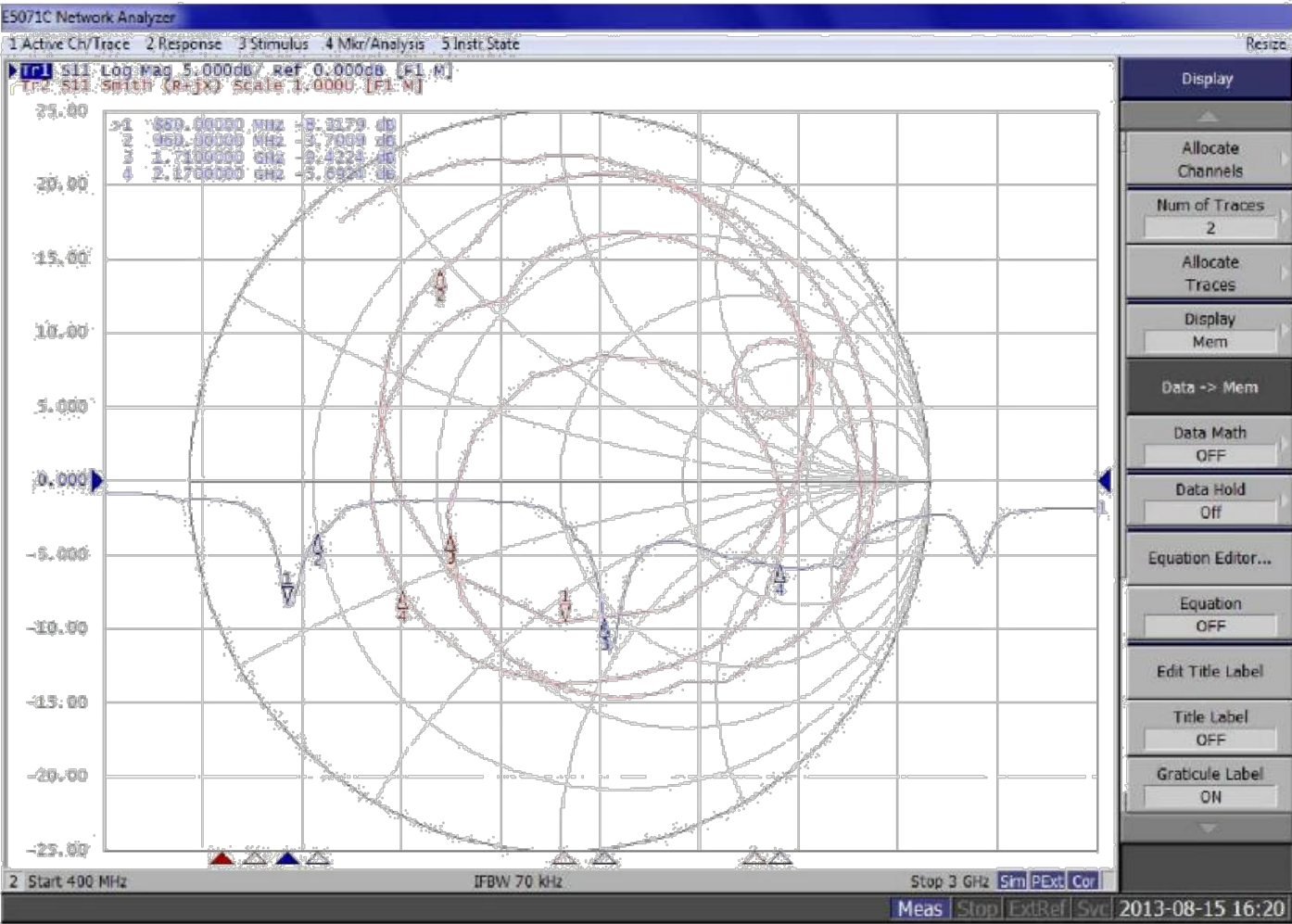
RF4: 617-698 (B71)

GPS

2.4G BT



2. RF1



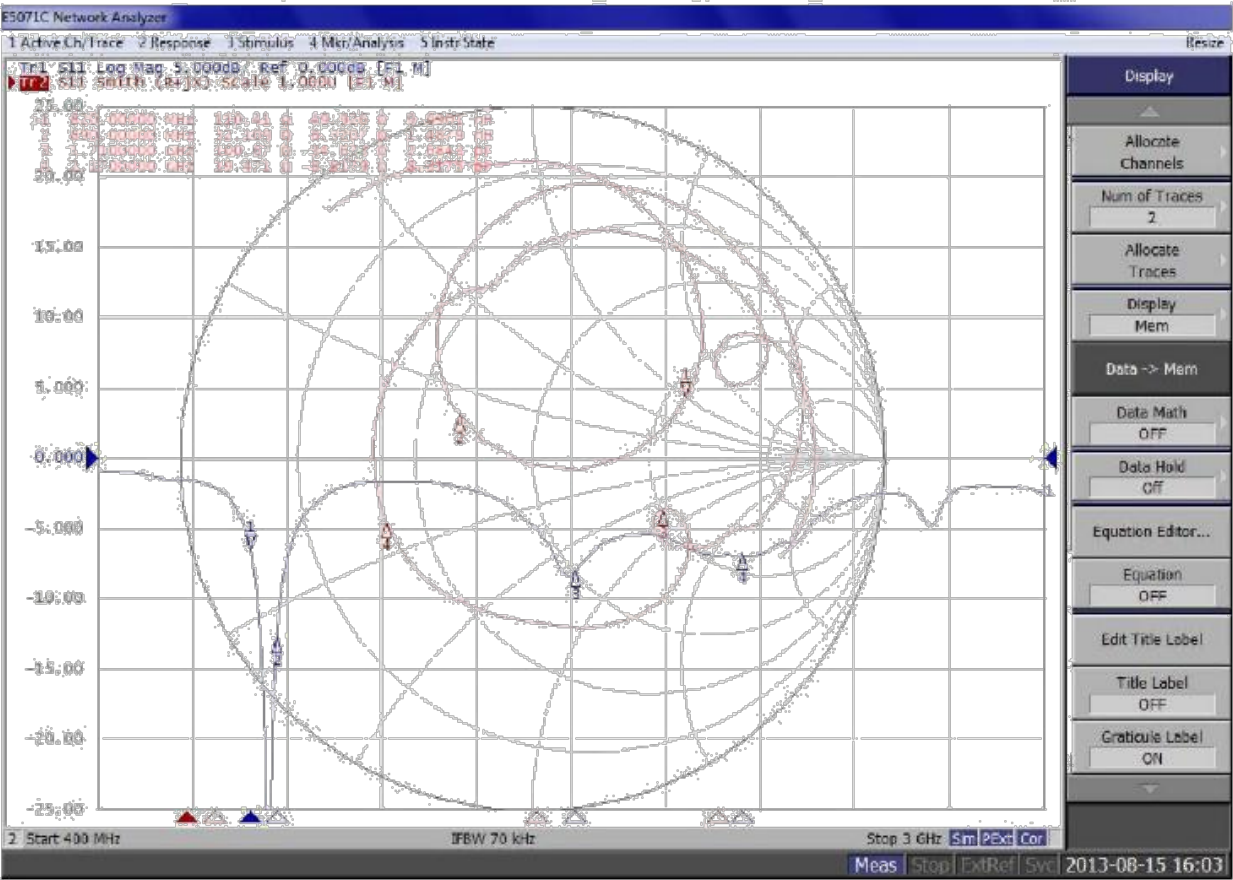
RF1: Main circuit matching - 10nH

Switch position RF1-0y

Freq[MHz]	EffdB	增益	Freq[MHz]	EffdB	增益
880	-8.6	-1.0	1710	-9.0	-1.4
890	-8.7	-1.1	1730	-8.1	-3.5
900	-7.8	-0.8	1750	-7.4	-2.9
910	-7.3	-0.4	1770	-7.4	-3.0
920	-7.1	0.3	1790	-7.0	-2.8
930	-7.6	-0.4	1810	-7.7	-3.1
940	-8.0	-0.6	1830	-7.3	-2.7
950	-8.7	-1.5	1850	-7.4	-2.7
960	-9.7	-2.7	1870	-7.6	-2.4
			1890	-7.0	-1.8
			1910	-6.8	-1.6
			1930	-6.4	-0.8
			1950	-6.1	-0.9
			1970	-5.9	-0.3
			1990	-5.1	0.6
			2010	-5.1	0.4
			2030	-4.9	1.0
			2050	-4.6	0.9
			2070	-4.8	0.7
			2090	-5.1	0.0
			2110	-5.0	-0.2
			2130	-5.6	-1.0
			2150	-5.3	-1.0
			2170	-5.4	-1.1

RF1-Passive efficiency

3. RF2



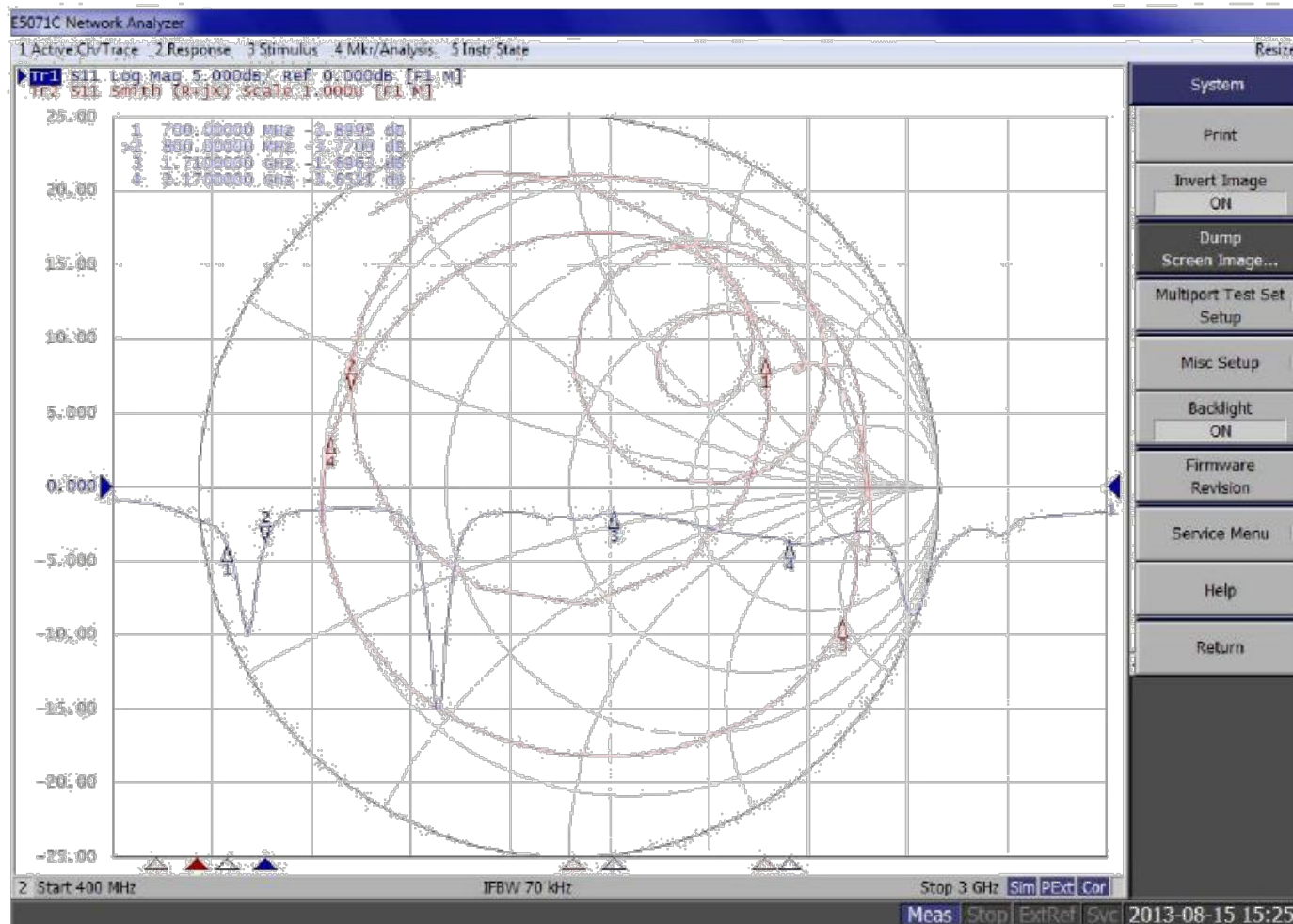
RF2: Main circuit matching - 10nH

Switch position RF2-5.6nH

Freq[MHz]	EffdB	增益
820	-10.1	-4.0
830	-9.5	-3.6
840	-8.7	-2.4
850	-8.2	-1.3
860	-7.9	-0.9
870	-8.0	-1.1
880	-8.7	-2.2
890	-9.2	-2.7
900	-9.8	-3.8

RF2-Passive Efficiency

4. RF3



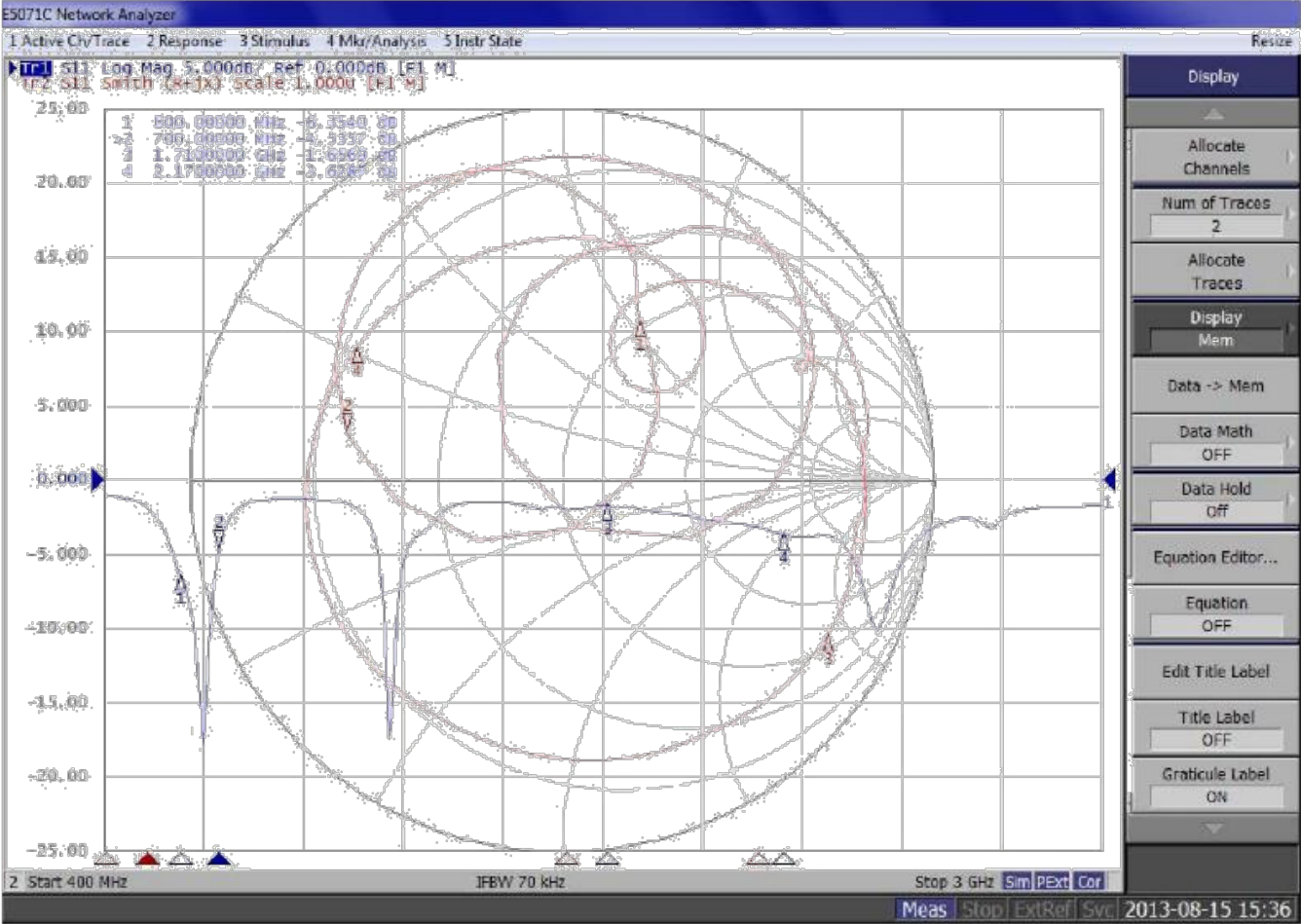
RF3: Main circuit matching - 10nH

Switch position RF3-18nH

Freq[MHz]	EffdB	增益
700	-11.5	-5.0
710	-10.9	-4.6
720	-10.3	-4.4
730	-9.7	-4.1
740	-9.4	-3.9
750	-9.4	-3.9
760	-9.9	-4.2
770	-10.5	-4.7
780	-11.3	-5.0
790	-12.4	-5.5
800	-13.4	-6.4

RF3-Passive Efficiency

5. RF4



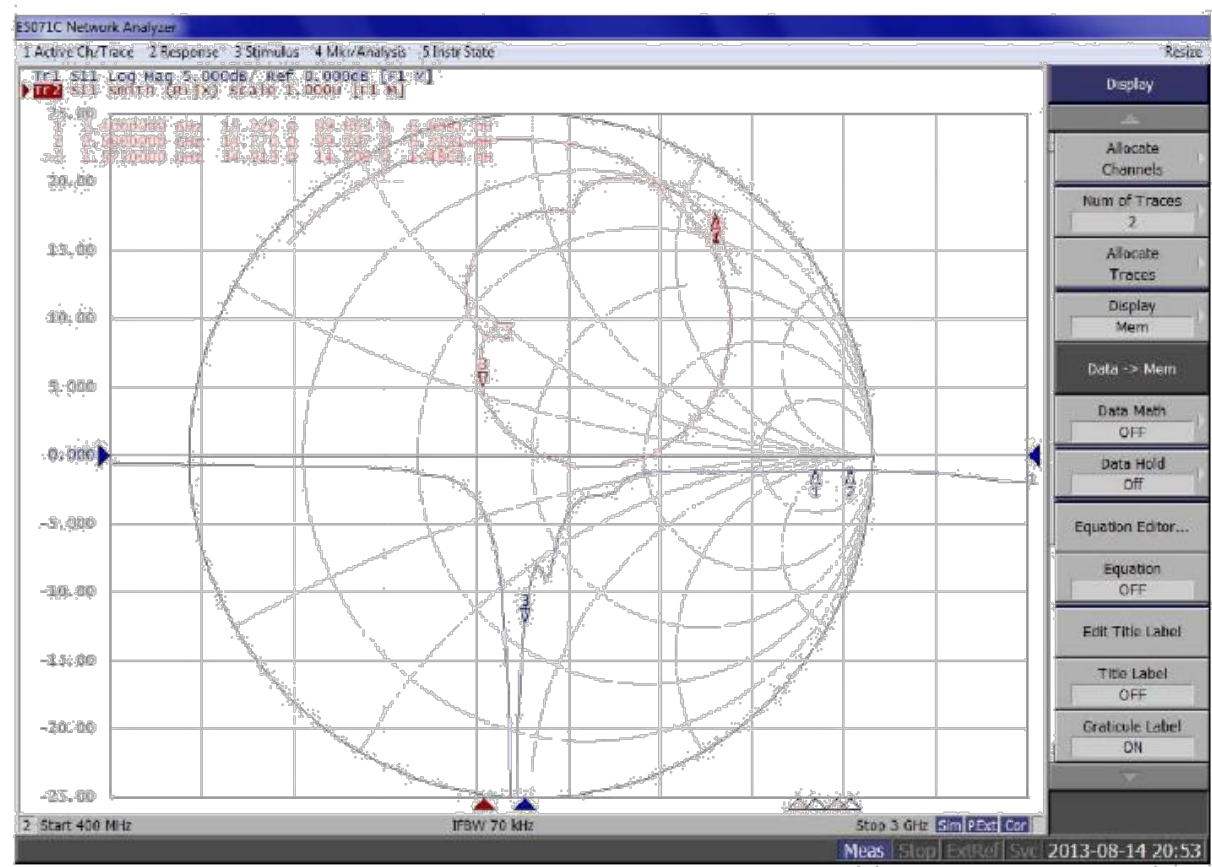
RF4: Main circuit matching - 10nH

Switch position RF4-33nH

Freq[MHz]	EffdB	增益
600	-12.6	-6.9
610	-11.8	-5.7
620	-11.1	-5.3
630	-10.9	-5.0
640	-10.5	-4.7
650	-10.4	-4.3
660	-11.0	-4.9
670	-11.6	-5.2
680	-12.3	-5.8
690	-12.5	-6.2
700	-12.7	-6.7

RF4-Passive Efficiency

6. GPS



GPS: Main road matching 0 ohms

Freq[MHz]	Eff[dB]	增益
1550	-3.4	2.1
1555	-3.6	2.3
1560	-3.7	2.2
1565	-3.8	1.4
1570	-3.9	0.7
1575	-4.0	0.6
1580	-4.2	0.5
1585	-4.5	0.2
1590	-4.7	-0.0

GPS-Passive Efficiency