Antenna Performance Description

Applicant: Xiaomi Communications Co., Ltd

Product description: Mobile Phone

Model: 2209116AG

FCC ID: 2AFZZ16AG

Test date: Jul. 26, 2022

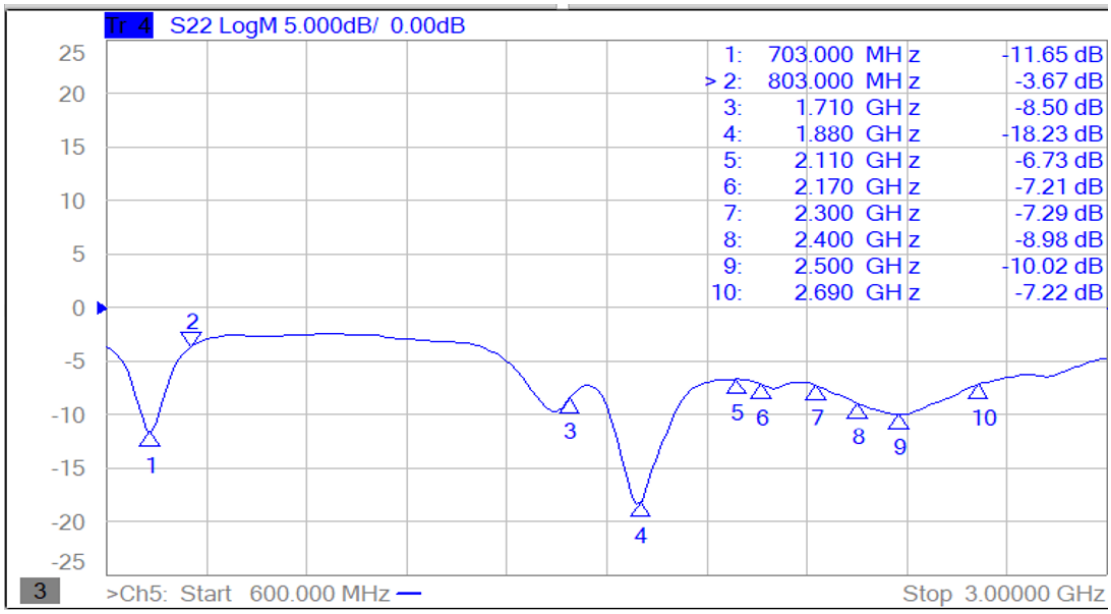
Antenna	Model Name	Antenna Pattern	Antenn a Type	Manufacturer	Test party of Antenna gain
ANT0	K6A-RX-S88206-ANT1-T05	FPC	IFA Antenna	Kunshan Ruixiang Xuntong Communication Technology Co. LTD	Kunshan Ruixiang Xuntong Communication Technology Co. LTD
ANT2（RX）	K6A-RX-S88206-ANT5-T05	FPC	IFA Antenna	Kunshan Ruixiang Xuntong Communication Technology Co. LTD	Kunshan Ruixiang Xuntong Communication Technology Co. LTD
ANT4	K6A-RX-S88206-ANT3-T02	FPC	IFA Antenna	Kunshan Ruixiang Xuntong Communication Technology Co. LTD	Kunshan Ruixiang Xuntong Communication Technology Co. LTD
ANT6	K6A-RX-S88206-ANT4-T02	FPC	IFA Antenna	Kunshan Ruixiang Xuntong Communication Technology Co. LTD	Kunshan Ruixiang Xuntong Communication Technology Co. LTD

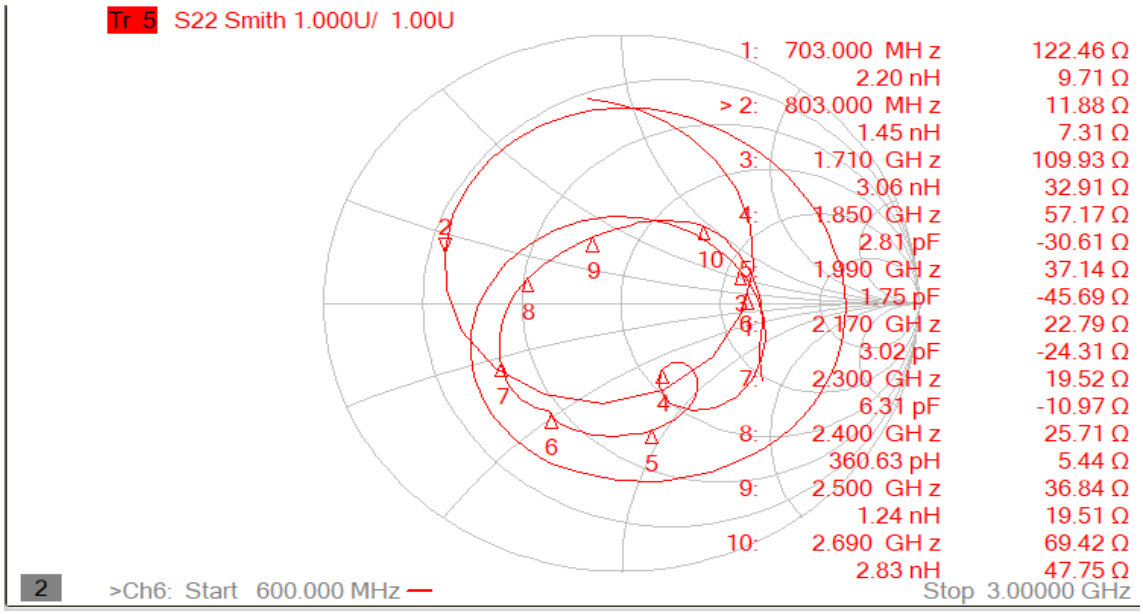
ANT0

Band	Combo ant	
	Effi.(dBi)	peak gaIn(dBl)
B1	-5	-2.7
B2	-4.9	-1.85
B3	-5.7	-2.2
B4/66	-5.7	-2.85
B5	-7.9	-5.27
B7/38/41	-5.7	-3.7
B8	-8.6	-6.6
B20	-7.9	-5.27
B28	-8.9	-5.73
B40	-5.2	-2.1

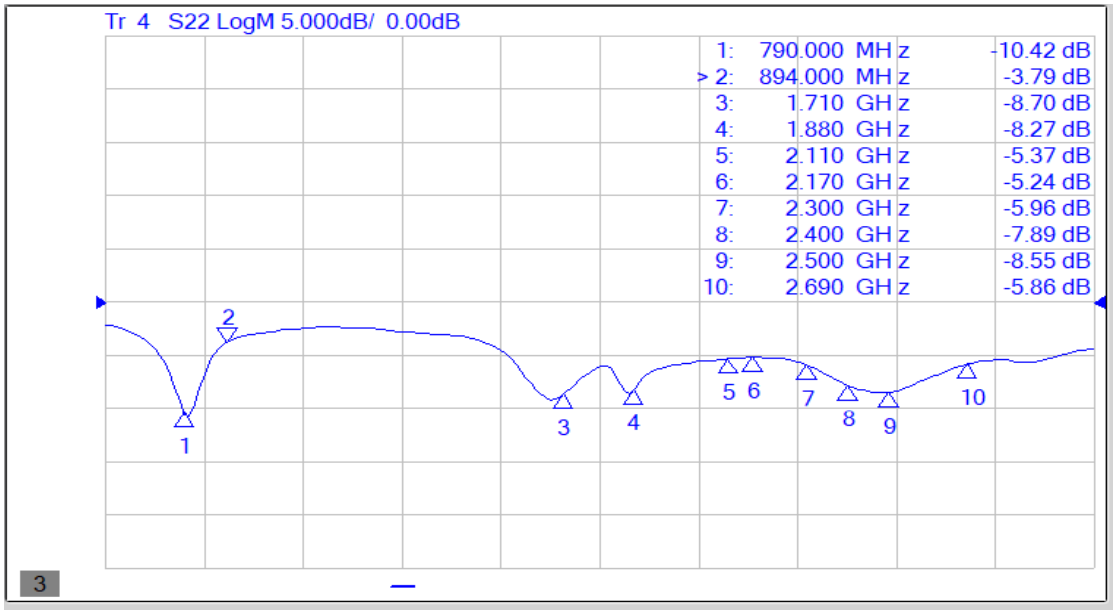
S11

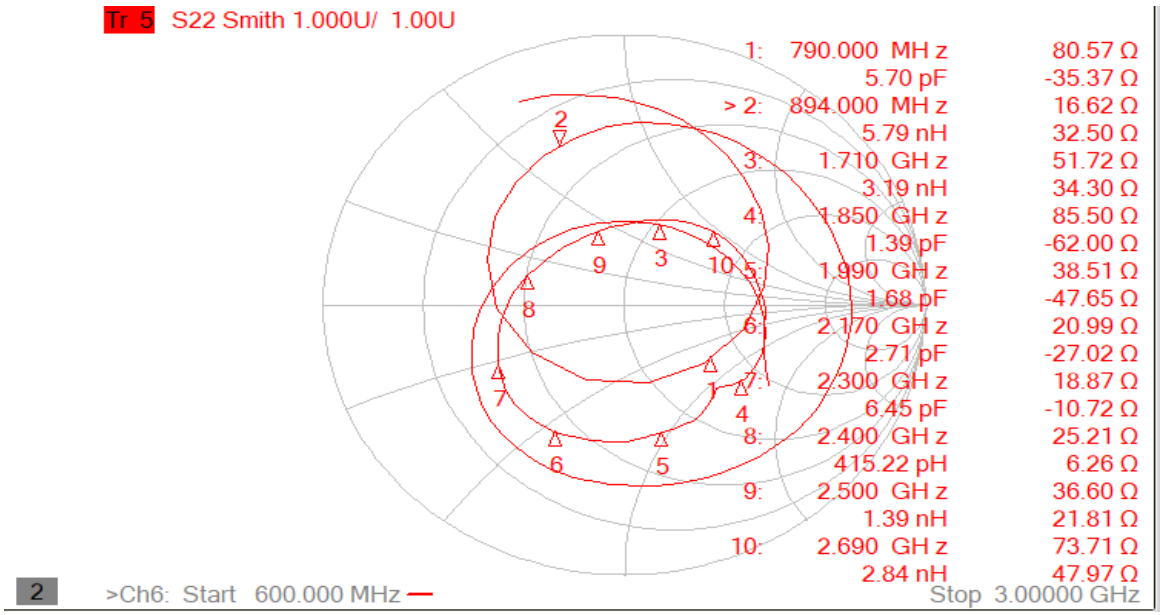
B28


Tr 4 S22 LogM 5.000dB/ 0.00dB
1: 703.000 MHz -11.65 dB
> 2: 803.000 MHz -3.67 dB
3: 1.710 GHz -8.50 dB
4: 1.880 GHz -18.23 dB
5: 2.110 GHz -6.73 dB
6: 2.170 GHz -7.21 dB
7: 2.300 GHz -7.29 dB
8: 2.400 GHz -8.98 dB
9: 2.500 GHz -10.02 dB
10: 2.690 GHz -7.22 dB
>Ch5: Start 600.000 MHz
Stop 3.00000 GHz

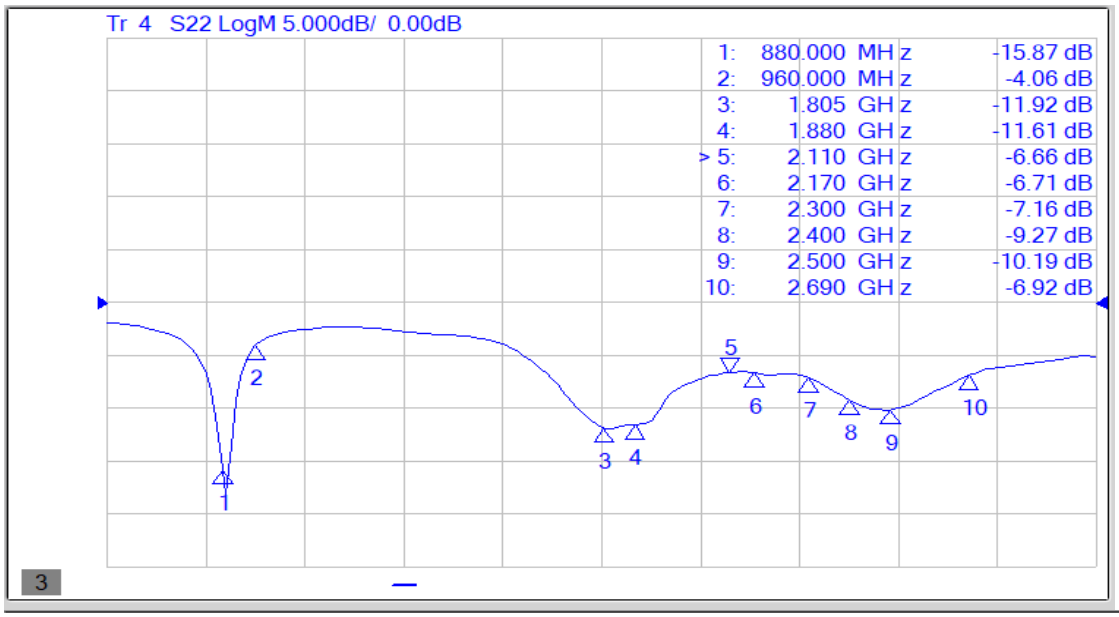

Tr 5 S22 Smith 1.000U/ 1.00U
1: 703.000 MHz 122.46 Ω
2.20 nH 9.71 Ω
> 2: 803.000 MHz 11.88 Ω
1.45 nH 7.31 Ω
3: 1.710 GHz 109.93 Ω
3.06 nH 32.91 Ω
4: 1.850 GHz 57.17 Ω
2.81 pF -30.61 Ω
5: 1.990 GHz 37.14 Ω
1.75 pF -45.69 Ω
6: 2.170 GHz 22.79 Ω
3.02 pF -24.31 Ω
7: 2.300 GHz 19.52 Ω
6.31 pF -10.97 Ω
8: 2.400 GHz 25.71 Ω
360.63 pH 5.44 Ω
9: 2.500 GHz 36.84 Ω
1.24 nH 19.51 Ω
10: 2.690 GHz 69.42 Ω
2.83 nH 47.75 Ω
>Ch6: Start 600.000 MHz
Stop 3.00000 GHz

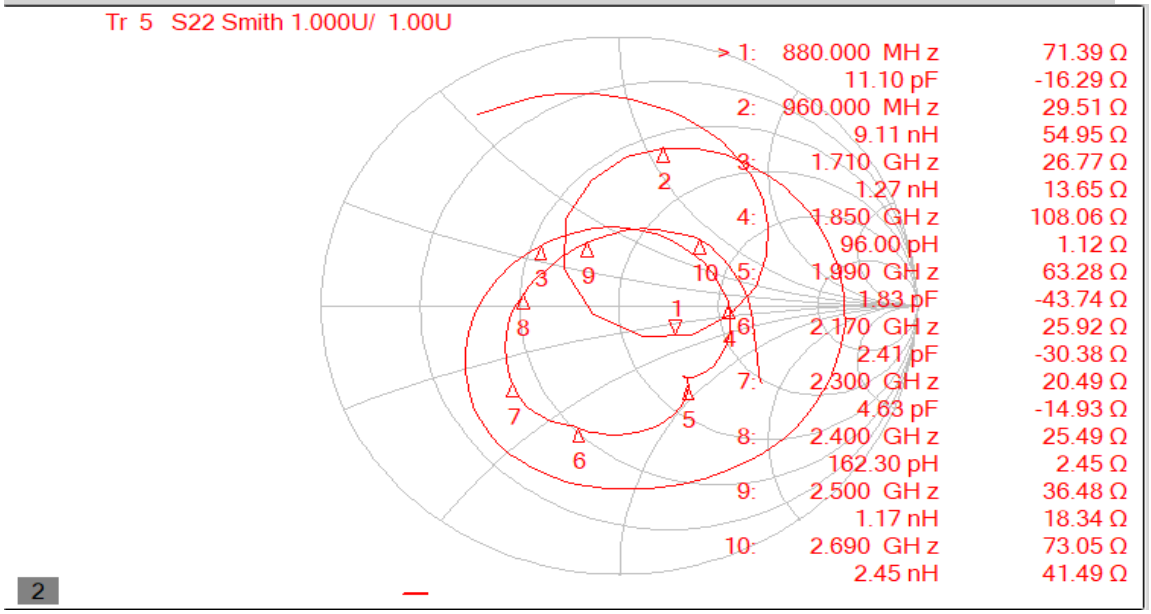
B5/20


Tr 4 S22 LogM 5.000dB/ 0.00dB
1: 790.000 MHz -10.42 dB
> 2: 894.000 MHz -3.79 dB
3: 1.710 GHz -8.70 dB
4: 1.880 GHz -8.27 dB
5: 2.110 GHz -5.37 dB
6: 2.170 GHz -5.24 dB
7: 2.300 GHz -5.96 dB
8: 2.400 GHz -7.89 dB
9: 2.500 GHz -8.55 dB
10: 2.690 GHz -5.86 dB
3

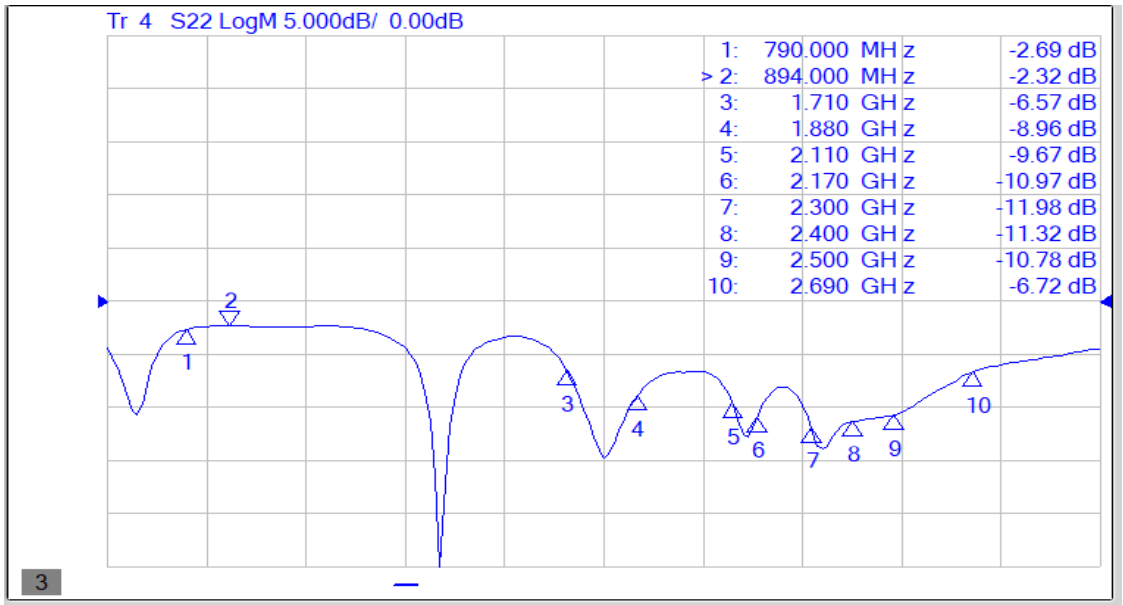

Tr 5 S22 Smith 1.000U/ 1.00U
1: 790.000 MHz 80.57 Ω
5.70 pF -35.37 Ω
> 2: 894.000 MHz 16.62 Ω
5.79 nH 32.50 Ω
3: 1.710 GHz 51.72 Ω
3.19 nH 34.30 Ω
4: 1.850 GHz 85.50 Ω
1.39 pF -62.00 Ω
5: 1.990 GHz 38.51 Ω
1.68 pF -47.65 Ω
6: 2.170 GHz 20.99 Ω
2.71 pF -27.02 Ω
7: 2.300 GHz 18.87 Ω
6.45 pF -10.72 Ω
8: 2.400 GHz 25.21 Ω
415.22 pH 6.26 Ω
9: 2.500 GHz 36.60 Ω
1.39 nH 21.81 Ω
10: 2.690 GHz 73.71 Ω
2.84 nH 47.97 Ω
2
>Ch6: Start 600.000 MHz
Stop 3.00000 GHz

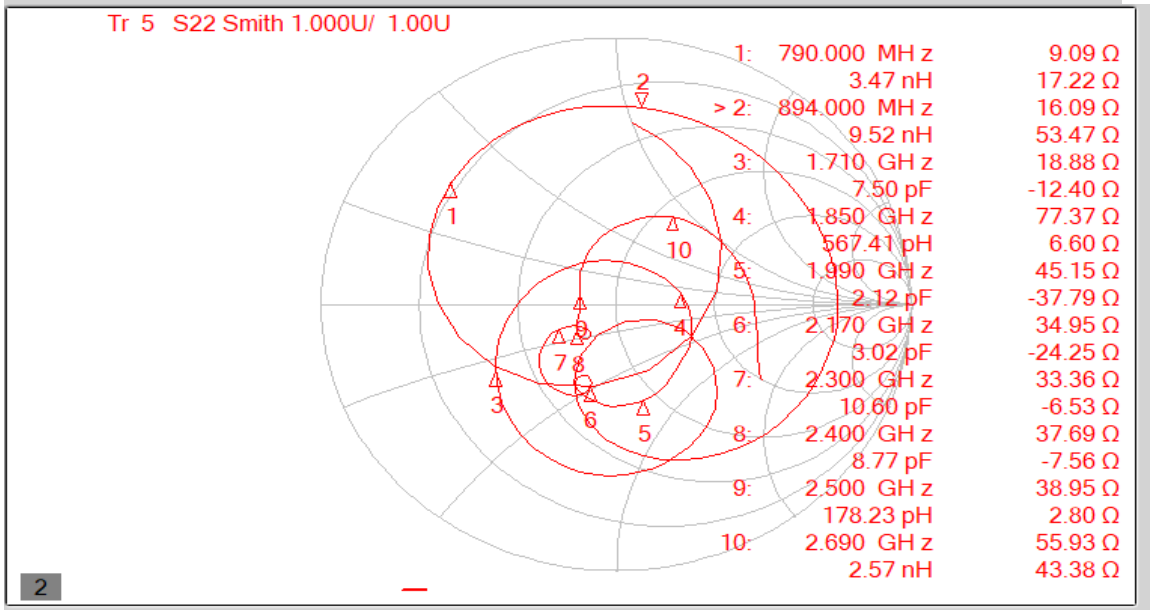
B8


Tr 4 S22 LogM 5.000dB/ 0.00dB
1: 880.000 MHz -15.87 dB
2: 960.000 MHz -4.06 dB
3: 1.805 GHz -11.92 dB
4: 1.880 GHz -11.61 dB
> 5: 2.110 GHz -6.66 dB
6: 2.170 GHz -6.71 dB
7: 2.300 GHz -7.16 dB
8: 2.400 GHz -9.27 dB
9: 2.500 GHz -10.19 dB
10: 2.690 GHz -6.92 dB
3

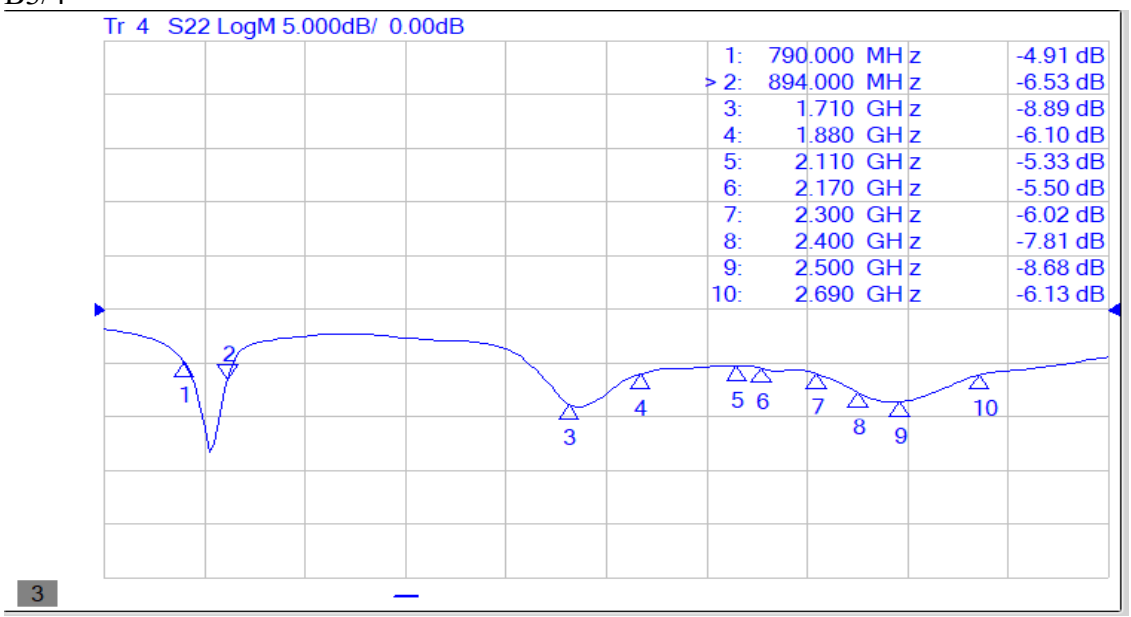

Tr 5 S22 Smith 1.000U/ 1.00U
> 1: 880.000 MHz 71.39 Ω
11.10 pF -16.29 Ω
2: 960.000 MHz 29.51 Ω
9.11 nH 54.95 Ω
3: 1.710 GHz 26.77 Ω
1.27 nH 13.65 Ω
4: 1.850 GHz 108.06 Ω
96.00 pH 1.12 Ω
5: 1.990 GHz 63.28 Ω
1.83 pF -43.74 Ω
6: 2.170 GHz 25.92 Ω
2.41 pF -30.38 Ω
7: 2.300 GHz 20.49 Ω
4.63 pF -14.93 Ω
8: 2.400 GHz 25.49 Ω
162.30 pH 2.45 Ω
9: 2.500 GHz 36.48 Ω
1.17 nH 18.34 Ω
10: 2.690 GHz 73.05 Ω
2.45 nH 41.49 Ω
2

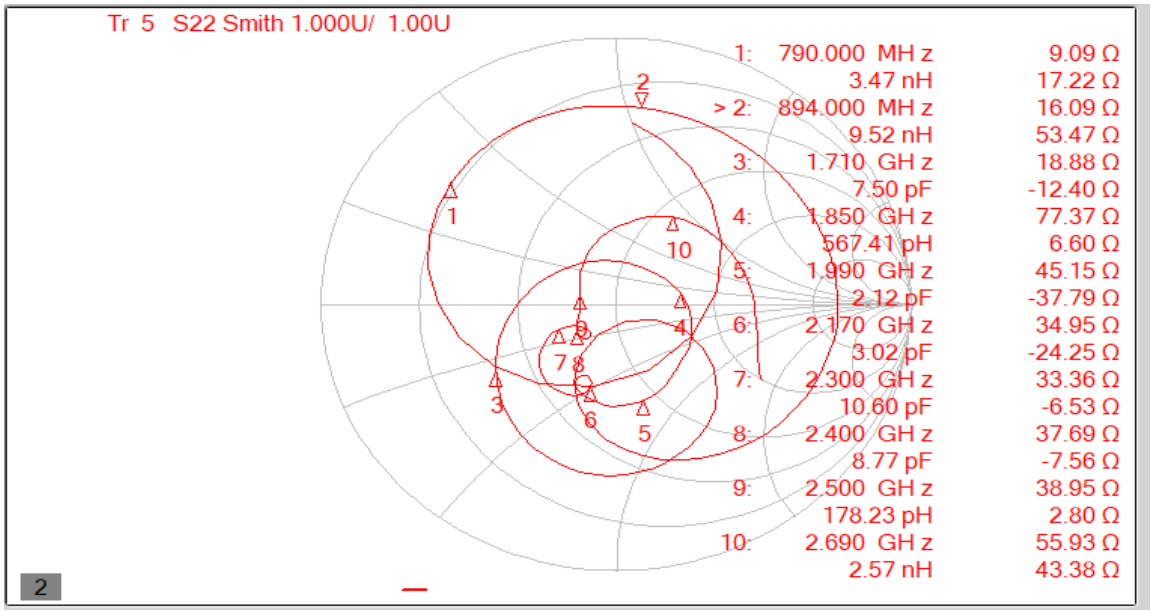
B1/2/7/41/B40


Tr 4 S22 LogM 5.000dB/ 0.00dB
1: 790.000 MHz -2.69 dB
> 2: 894.000 MHz -2.32 dB
3: 1.710 GHz -6.57 dB
4: 1.880 GHz -8.96 dB
5: 2.110 GHz -9.67 dB
6: 2.170 GHz -10.97 dB
7: 2.300 GHz -11.98 dB
8: 2.400 GHz -11.32 dB
9: 2.500 GHz -10.78 dB
10: 2.690 GHz -6.72 dB
3

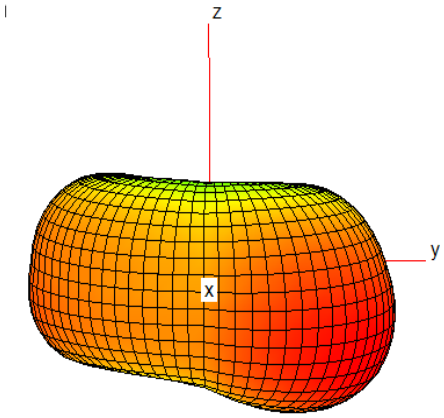

Tr 5 S22 Smith 1.000U/ 1.00U
1: 790.000 MHz 9.09 Ω
3.47 nH 17.22 Ω
> 2: 894.000 MHz 16.09 Ω
9.52 nH 53.47 Ω
3: 1.710 GHz 18.88 Ω
7.50 pF -12.40 Ω
4: 1.850 GHz 77.37 Ω
567.41 pH 6.60 Ω
5: 1.990 GHz 45.15 Ω
2.12 pF -37.79 Ω
6: 2.170 GHz 34.95 Ω
3.02 pF -24.25 Ω
7: 2.300 GHz 33.36 Ω
10.60 pF -6.53 Ω
8: 2.400 GHz 37.69 Ω
8.77 pF -7.56 Ω
9: 2.500 GHz 38.95 Ω
178.23 pH 2.80 Ω
10: 2.690 GHz 55.93 Ω
2.57 nH 43.38 Ω
2

B3/4

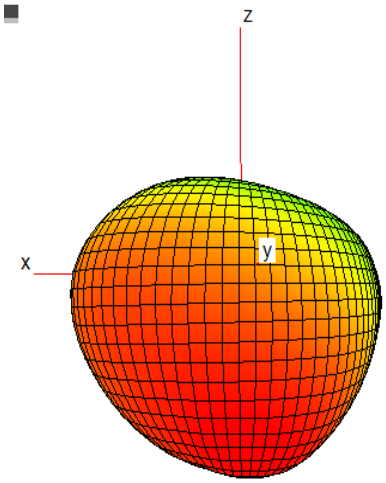

Tr 4 S22 LogM 5.000dB/ 0.00dB
1: 790.000 MHz -4.91 dB
> 2: 894.000 MHz -6.53 dB
3: 1.710 GHz -8.89 dB
4: 1.880 GHz -6.10 dB
5: 2.110 GHz -5.33 dB
6: 2.170 GHz -5.50 dB
7: 2.300 GHz -6.02 dB
8: 2.400 GHz -7.81 dB
9: 2.500 GHz -8.68 dB
10: 2.690 GHz -6.13 dB
3


Tr 5 S22 Smith 1.000U/ 1.00U
1: 790.000 MHz 9.09 Ω
3.47 nH 17.22 Ω
> 2: 894.000 MHz 16.09 Ω
9.52 nH 53.47 Ω
3: 1.710 GHz 18.88 Ω
7.50 pF -12.40 Ω
4: 1.850 GHz 77.37 Ω
567.41 pH 6.60 Ω
5: 1.990 GHz 45.15 Ω
2.12 pF -37.79 Ω
6: 2.170 GHz 34.95 Ω
3.02 pF -24.25 Ω
7: 2.300 GHz 33.36 Ω
10.60 pF -6.53 Ω
8: 2.400 GHz 37.69 Ω
8.77 pF -7.56 Ω
9: 2.500 GHz 38.95 Ω
178.23 pH 2.80 Ω
10: 2.690 GHz 55.93 Ω
2.57 nH 43.38 Ω
2

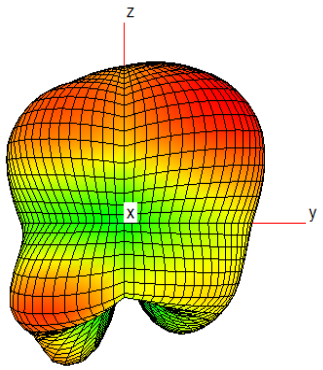
750MHz



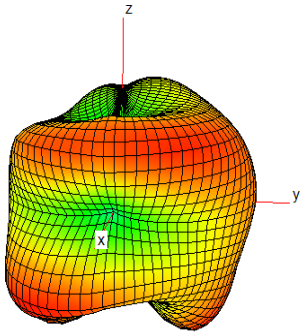
850MHz



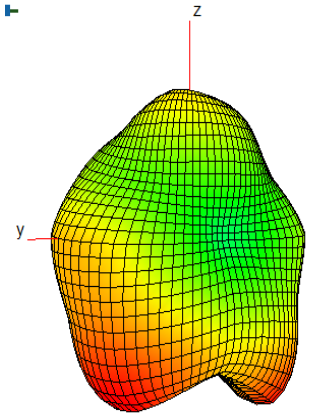
900MHz



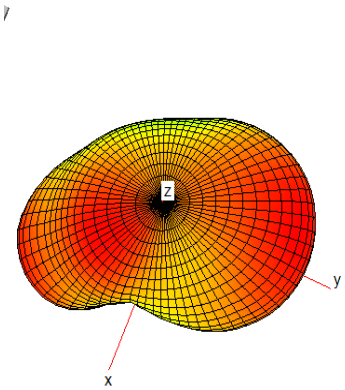
1790MHz



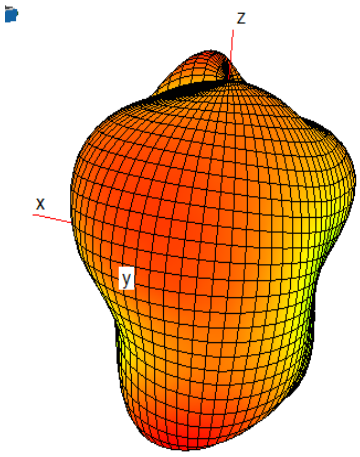
2050MHz



2350MHz



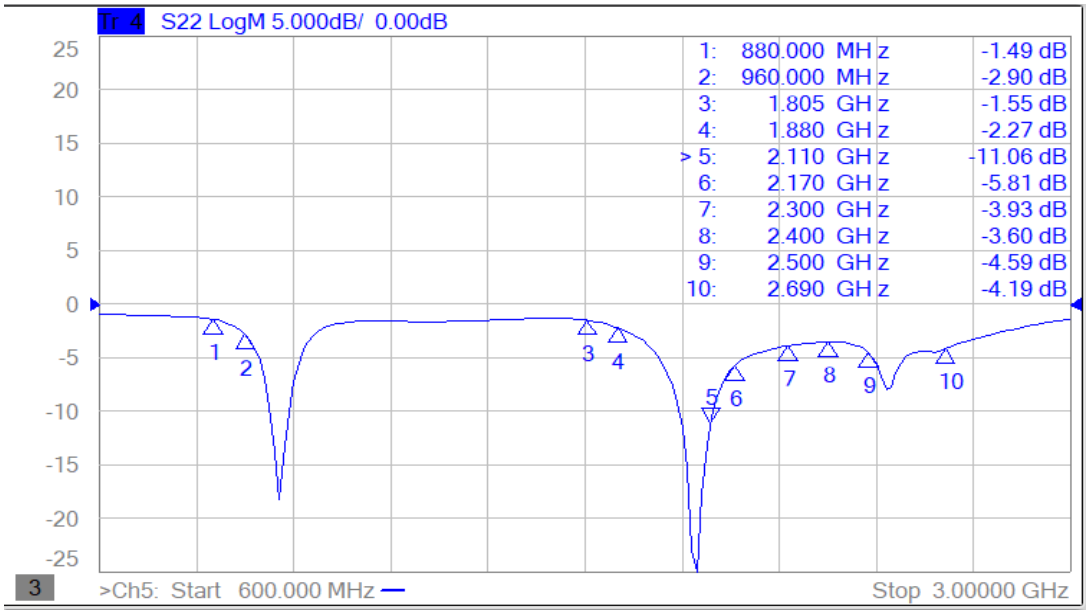
2570MHz

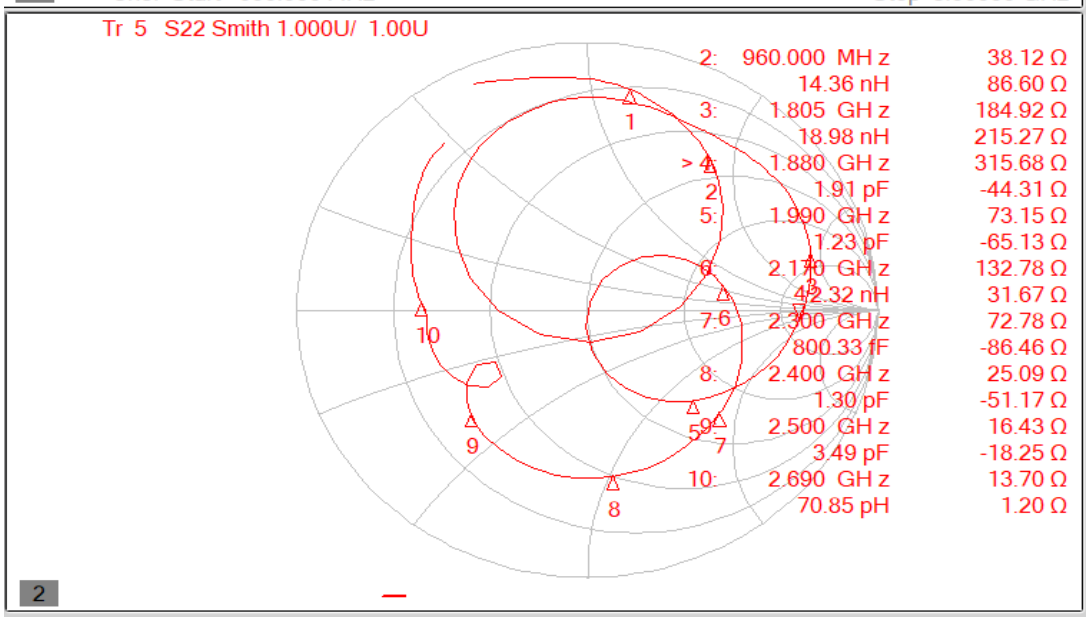


ANT2

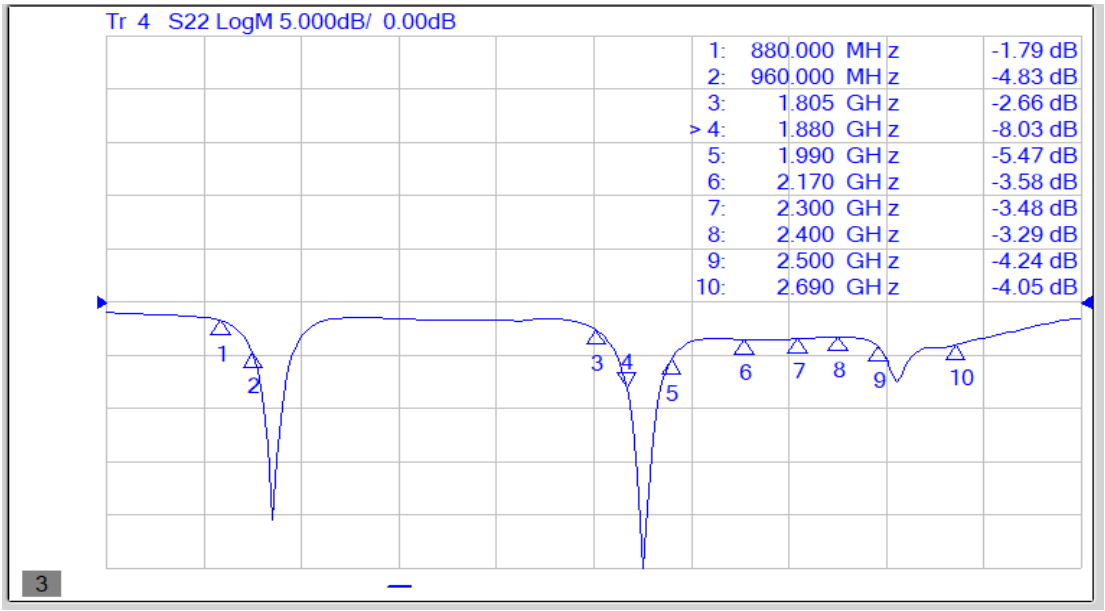
Band	Combo ant	
	Effi.(dBi)	peak gaIn(dBl)
B1/4/66	-8.2	-4.75
B3	-8.4	-5.8
B7/38/41	-10	-6.65
B40	-9	-5.12
B2	-9	-5.32

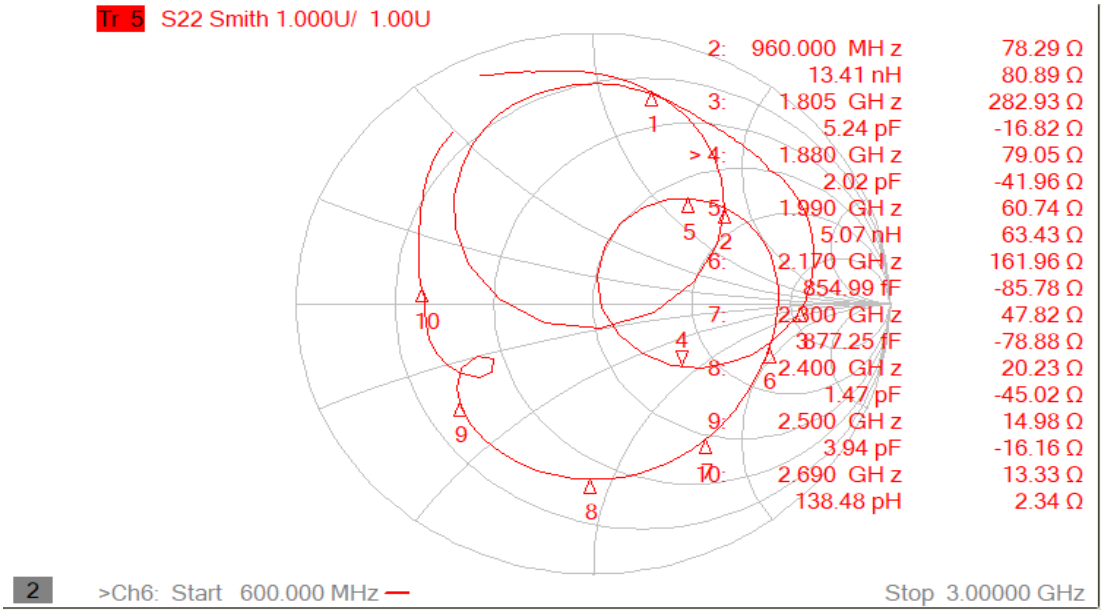
S11
B1


Tr 4 S22 LogM 5.000dB/ 0.00dB
1: 880.000 MHz -1.49 dB
2: 960.000 MHz -2.90 dB
3: 1.805 GHz -1.55 dB
4: 1.880 GHz -2.27 dB
> 5: 2.110 GHz -11.06 dB
6: 2.170 GHz -5.81 dB
7: 2.300 GHz -3.93 dB
8: 2.400 GHz -3.60 dB
9: 2.500 GHz -4.59 dB
10: 2.690 GHz -4.19 dB
>Ch5: Start 600.000 MHz
Stop 3.00000 GHz

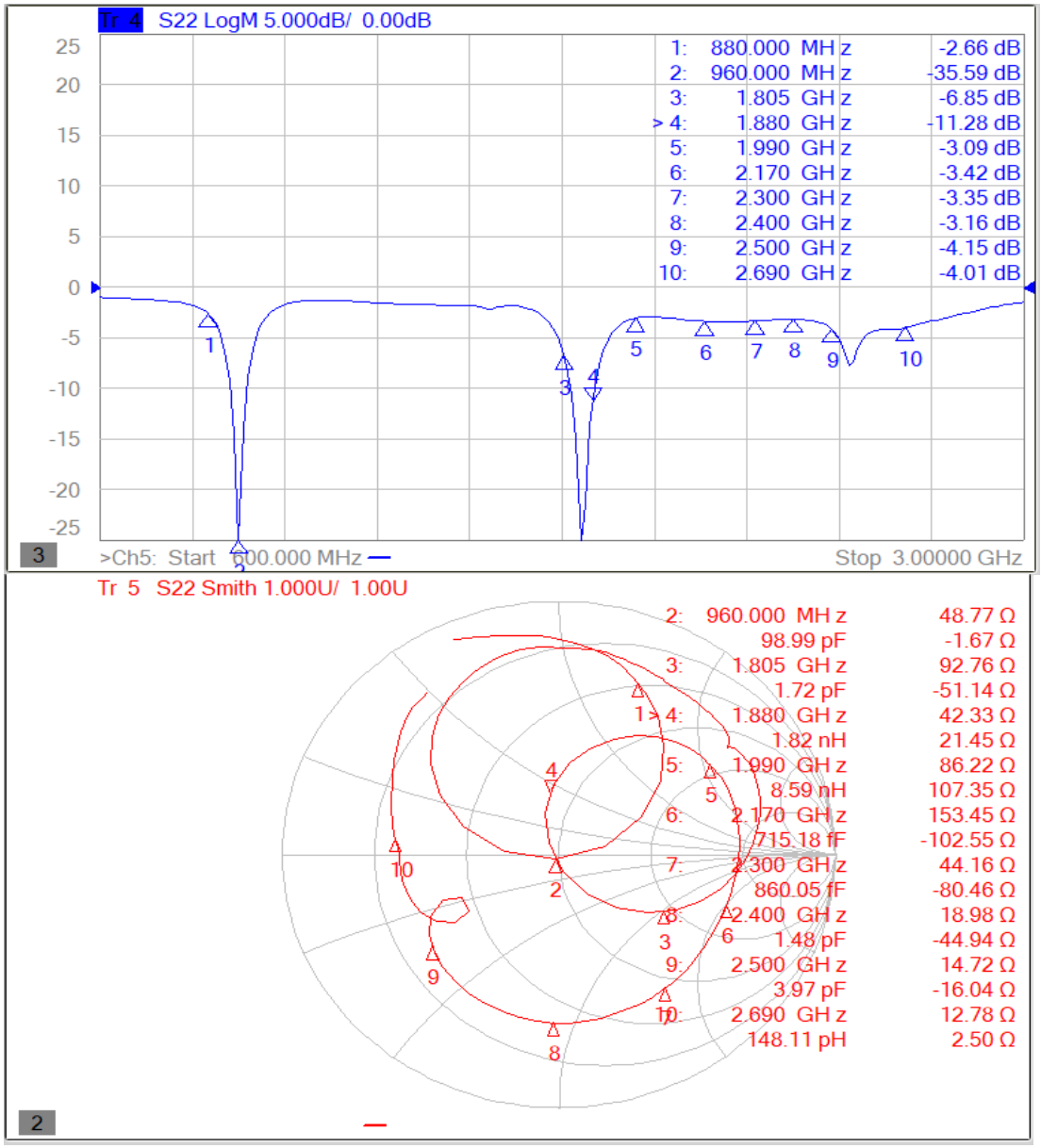

Tr 5 S22 Smith 1.000U/ 1.00U
2: 960.000 MHz 38.12 Ω
14.36 nH 86.60 Ω
3: 1.805 GHz 184.92 Ω
18.98 nH 215.27 Ω
> 4: 1.880 GHz 315.68 Ω
1.91 pF -44.31 Ω
5: 1.990 GHz 73.15 Ω
1.23 pF -65.13 Ω
6: 2.170 GHz 132.78 Ω
42.32 nH 31.67 Ω
7: 2.300 GHz 72.78 Ω
800.33 fF -86.46 Ω
8: 2.400 GHz 25.09 Ω
1.30 pF -51.17 Ω
9: 2.500 GHz 16.43 Ω
3.49 pF -18.25 Ω
10: 2.690 GHz 13.70 Ω
70.85 pH 1.20 Ω

B2

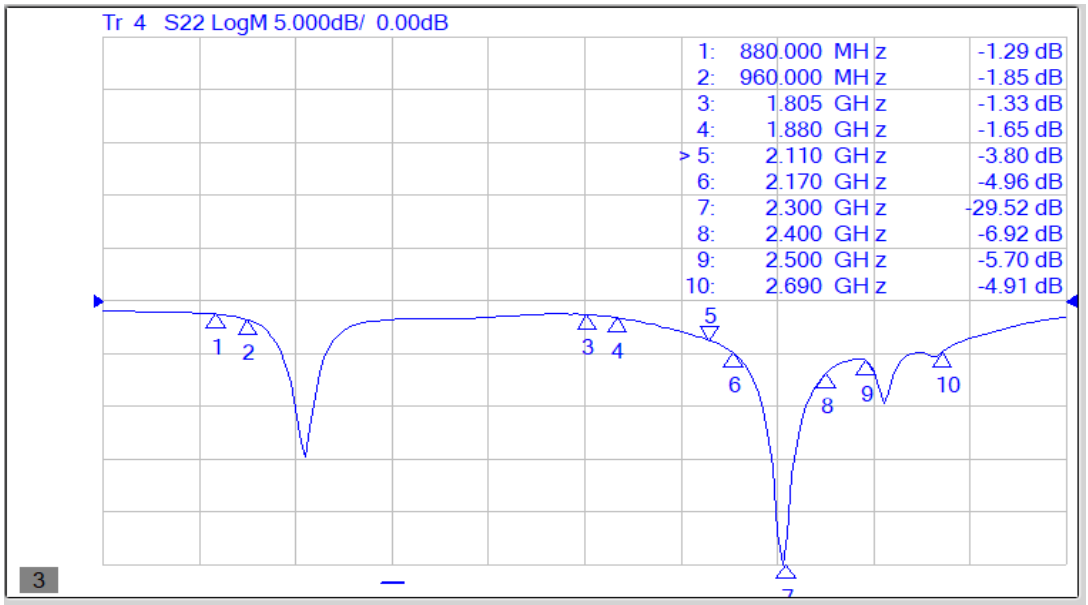

Tr 4 S22 LogM 5.000dB/ 0.00dB
1: 880.000 MHz -1.79 dB
2: 960.000 MHz -4.83 dB
3: 1.805 GHz -2.66 dB
> 4: 1.880 GHz -8.03 dB
5: 1.990 GHz -5.47 dB
6: 2.170 GHz -3.58 dB
7: 2.300 GHz -3.48 dB
8: 2.400 GHz -3.29 dB
9: 2.500 GHz -4.24 dB
10: 2.690 GHz -4.05 dB
3

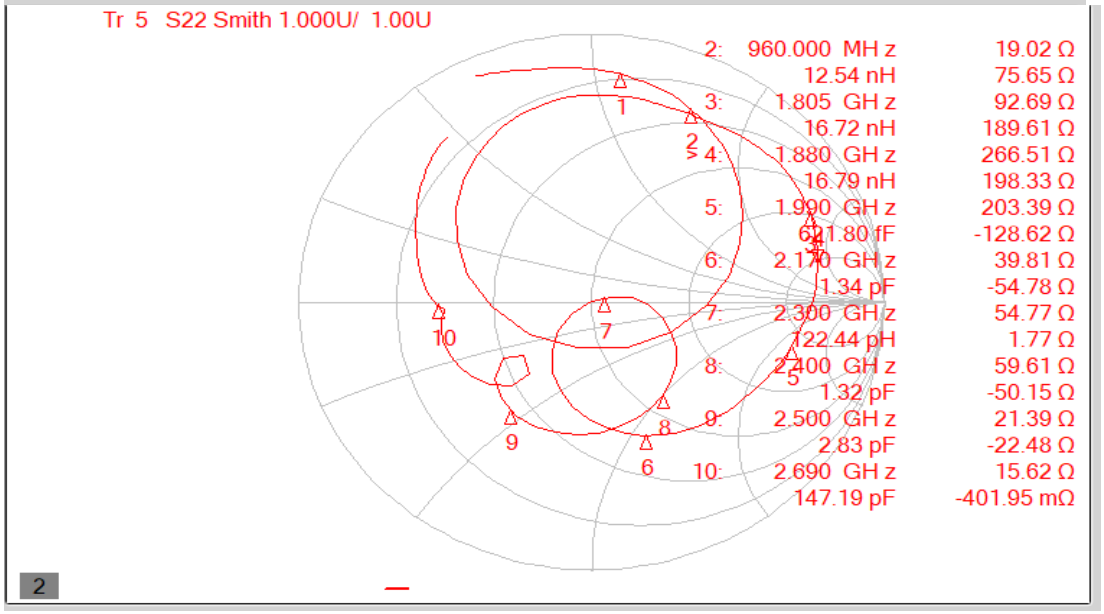

Tr 5 S22 Smith 1.000U/ 1.00U
2: 960.000 MHz 78.29 Ω
13.41 nH 80.89 Ω
3: 1.805 GHz 282.93 Ω
5.24 pF -16.82 Ω
> 4: 1.880 GHz 79.05 Ω
2.02 pF -41.96 Ω
5: 1.990 GHz 60.74 Ω
5.07 nH 63.43 Ω
6: 2.170 GHz 161.96 Ω
854.99 fF -85.78 Ω
7: 2.300 GHz 47.82 Ω
877.25 fF -78.88 Ω
8: 2.400 GHz 20.23 Ω
1.47 pF -45.02 Ω
9: 2.500 GHz 14.98 Ω
3.94 pF -16.16 Ω
10: 2.690 GHz 13.33 Ω
138.48 pH 2.34 Ω
2
>Ch6: Start 600.000 MHz
Stop 3.00000 GHz

B3

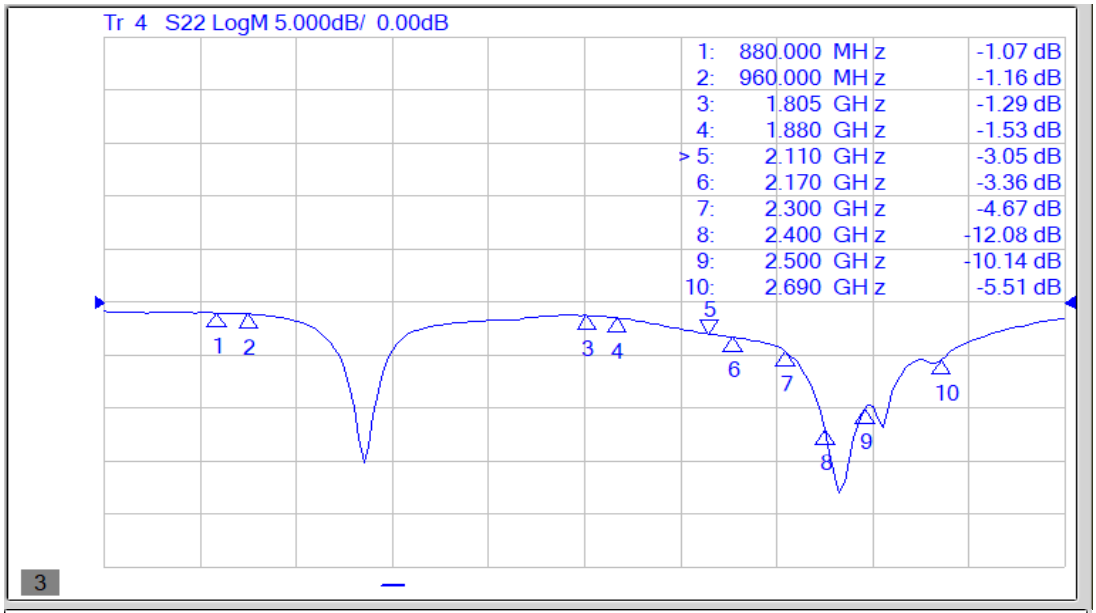

Tr 4 S22 LogM 5.000dB/ 0.00dB
1: 880.000 MHz -2.66 dB
2: 960.000 MHz -35.59 dB
3: 1.805 GHz -6.85 dB
> 4: 1.880 GHz -11.28 dB
5: 1.990 GHz -3.09 dB
6: 2.170 GHz -3.42 dB
7: 2.300 GHz -3.35 dB
8: 2.400 GHz -3.16 dB
9: 2.500 GHz -4.15 dB
10: 2.690 GHz -4.01 dB
>Ch5: Start 500.000 MHz
Stop 3.00000 GHz
Tr 5 S22 Smith 1.000U/ 1.00U
2: 960.000 MHz 48.77 Ω
98.99 pF -1.67 Ω
3: 1.805 GHz 92.76 Ω
1.72 pF -51.14 Ω
1> 4: 1.880 GHz 42.33 Ω
1.82 nH 21.45 Ω
5: 1.990 GHz 86.22 Ω
8.59 nH 107.35 Ω
6: 2.170 GHz 153.45 Ω
715.18 fF -102.55 Ω
7: 2.300 GHz 44.16 Ω
860.05 fF -80.46 Ω
8: 2.400 GHz 18.98 Ω
1.48 pF -44.94 Ω
9: 2.500 GHz 14.72 Ω
3.97 pF -16.04 Ω
10: 2.690 GHz 12.78 Ω
148.11 pH 2.50 Ω

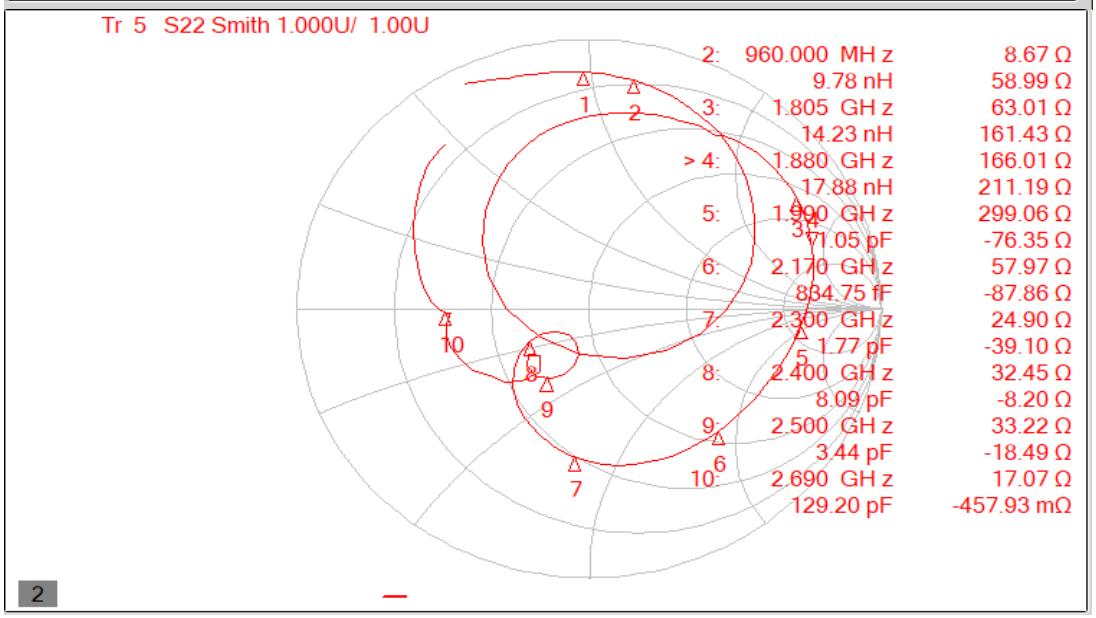
B40


Tr 4 S22 LogM 5.000dB/ 0.00dB
1: 880.000 MHz -1.29 dB
2: 960.000 MHz -1.85 dB
3: 1.805 GHz -1.33 dB
4: 1.880 GHz -1.65 dB
> 5: 2.110 GHz -3.80 dB
6: 2.170 GHz -4.96 dB
7: 2.300 GHz -29.52 dB
8: 2.400 GHz -6.92 dB
9: 2.500 GHz -5.70 dB
10: 2.690 GHz -4.91 dB
3

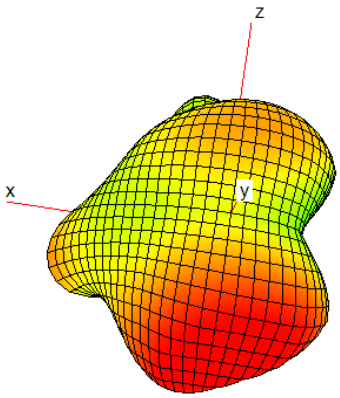

Tr 5 S22 Smith 1.000U/ 1.00U
2: 960.000 MHz 19.02 Ω
12.54 nH 75.65 Ω
3: 1.805 GHz 92.69 Ω
16.72 nH 189.61 Ω
> 4: 1.880 GHz 266.51 Ω
16.79 nH 198.33 Ω
5: 1.990 GHz 203.39 Ω
621.80 fF -128.62 Ω
6: 2.170 GHz 39.81 Ω
1.34 pF -54.78 Ω
7: 2.300 GHz 54.77 Ω
122.44 pH 1.77 Ω
8: 2.400 GHz 59.61 Ω
1.32 pF -50.15 Ω
9: 2.500 GHz 21.39 Ω
2.83 pF -22.48 Ω
10: 2.690 GHz 15.62 Ω
147.19 pF -401.95 mΩ
2

B41

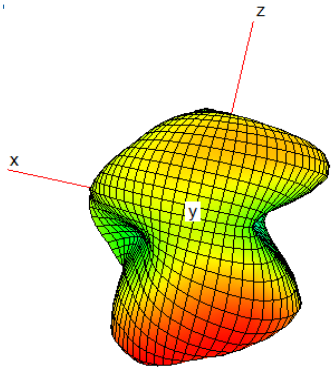

Tr 4 S22 LogM 5.000dB/ 0.00dB
1: 880.000 MHz -1.07 dB
2: 960.000 MHz -1.16 dB
3: 1.805 GHz -1.29 dB
4: 1.880 GHz -1.53 dB
> 5: 2.110 GHz -3.05 dB
6: 2.170 GHz -3.36 dB
7: 2.300 GHz -4.67 dB
8: 2.400 GHz -12.08 dB
9: 2.500 GHz -10.14 dB
10: 2.690 GHz -5.51 dB
3


Tr 5 S22 Smith 1.000U/ 1.00U
2: 960.000 MHz 8.67 Ω
9.78 nH 58.99 Ω
3: 1.805 GHz 63.01 Ω
14.23 nH 161.43 Ω
> 4: 1.880 GHz 166.01 Ω
17.88 nH 211.19 Ω
5: 1.990 GHz 299.06 Ω
71.05 pF -76.35 Ω
6: 2.170 GHz 57.97 Ω
834.75 fF -87.86 Ω
7: 2.300 GHz 24.90 Ω
1.77 pF -39.10 Ω
8: 2.400 GHz 32.45 Ω
8.09 pF -8.20 Ω
9: 2.500 GHz 33.22 Ω
3.44 pF -18.49 Ω
10: 2.690 GHz 17.07 Ω
129.20 pF -457.93 mΩ
2

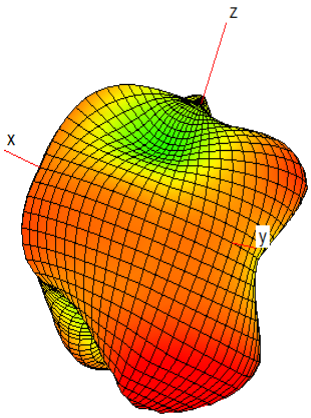
1950MHz



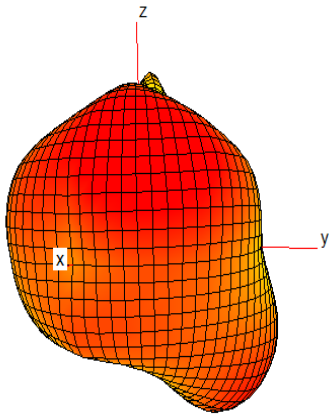
1850MHz



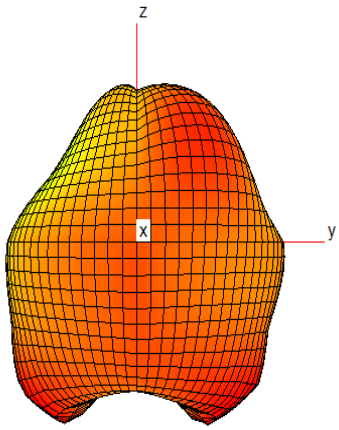
2150MHz



2350MHz



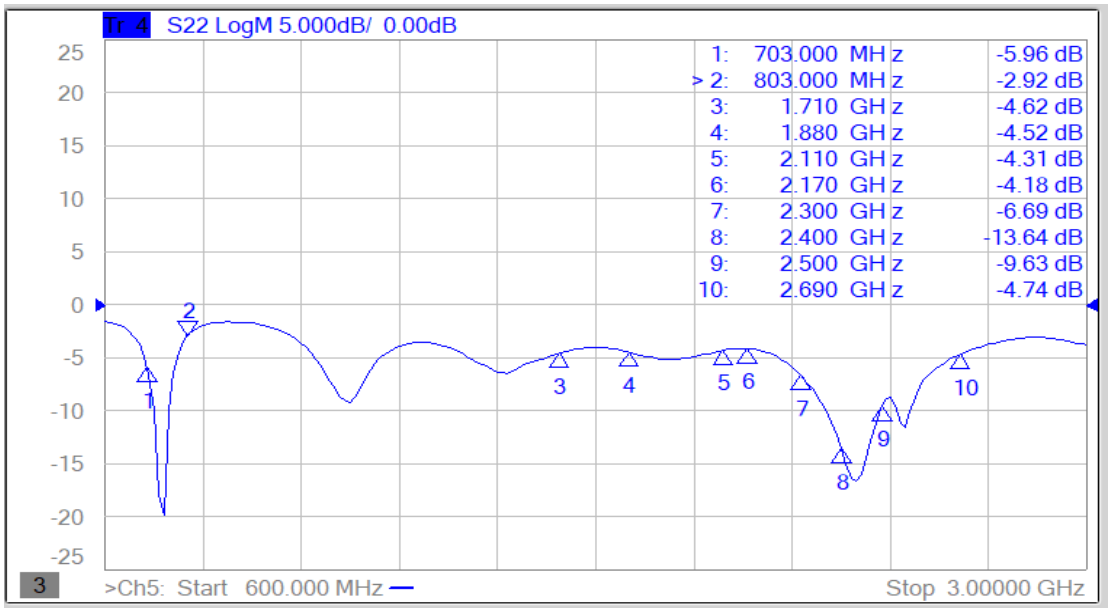
2600MHz

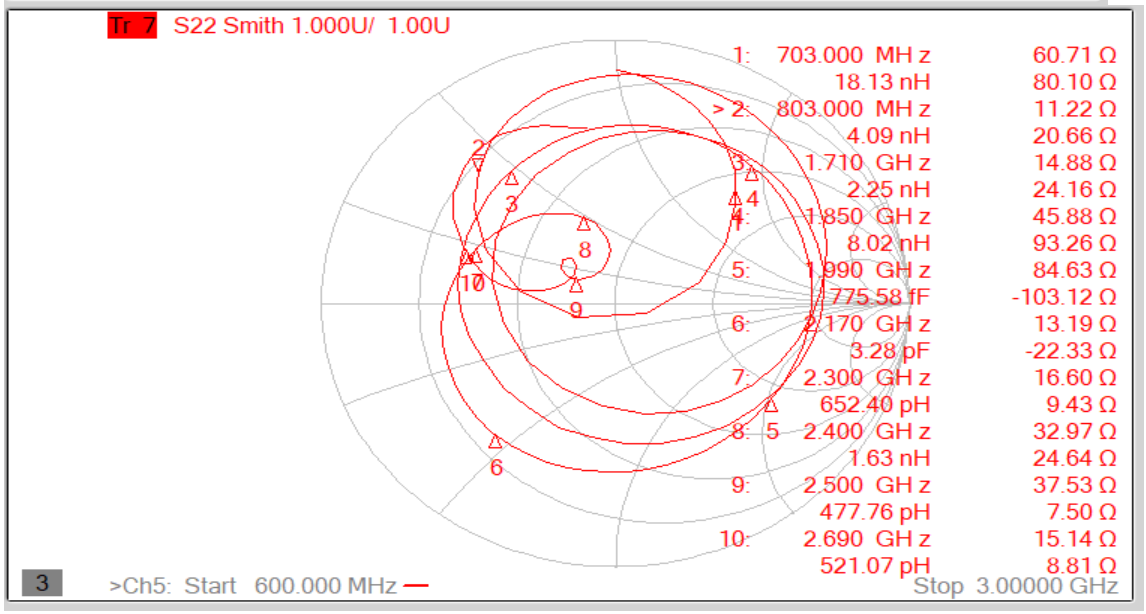


ANT4

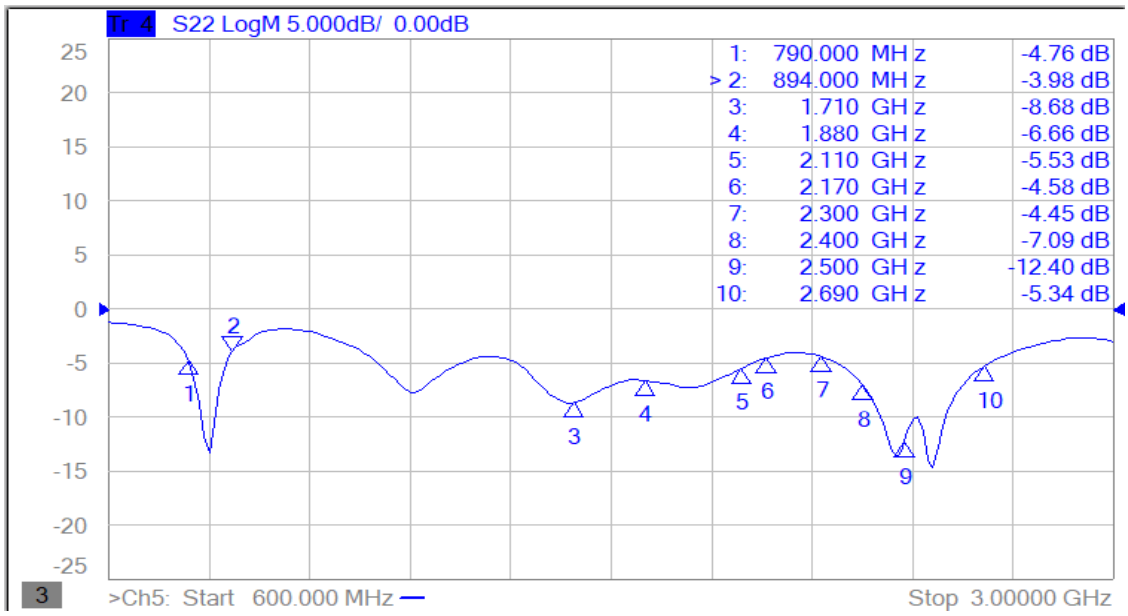
Band	Combo ant	
	Effi.(dBi)	peak gaIn(dBl)
B1	-5	-1.13
B2	-4.9	-2.25
B3	-8.1	-4.59
B4/66	-7.6	-6
B5	-8.8	-5.5
B7/38/41	-5.5	-1.7
B8	-8.9	-6.38
B20	-8.8	-5.5
B28	-8.3	-6.5
B40	-4.3	-0.1

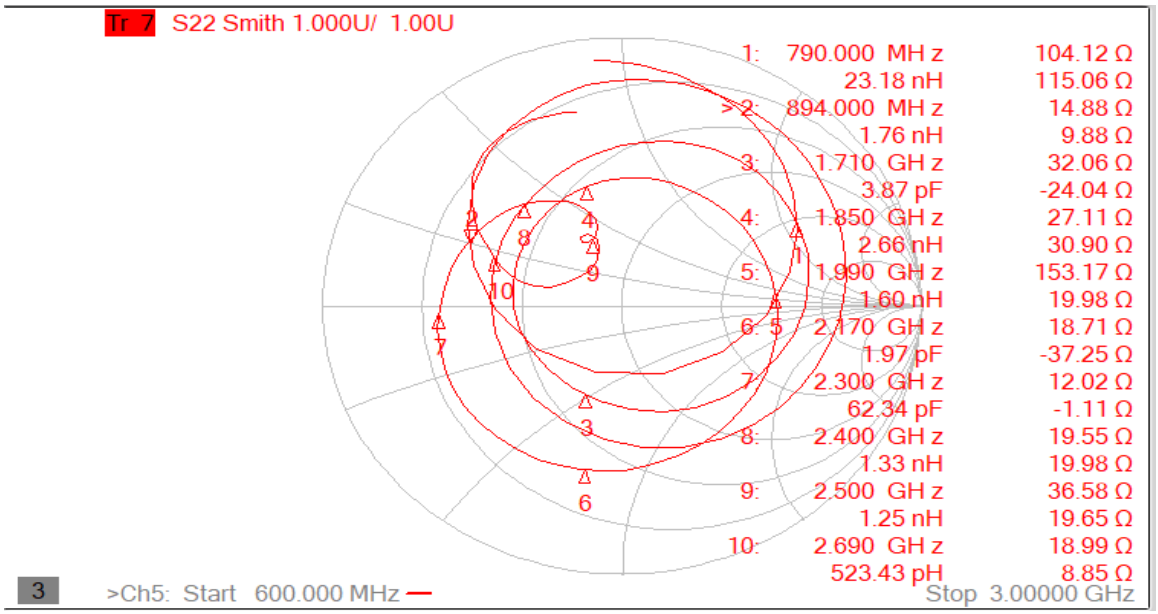
S11
B28/B3


Tr 4 S22 LogM 5.000dB/ 0.00dB
1: 703.000 MHz -5.96 dB
> 2: 803.000 MHz -2.92 dB
3: 1.710 GHz -4.62 dB
4: 1.880 GHz -4.52 dB
5: 2.110 GHz -4.31 dB
6: 2.170 GHz -4.18 dB
7: 2.300 GHz -6.69 dB
8: 2.400 GHz -13.64 dB
9: 2.500 GHz -9.63 dB
10: 2.690 GHz -4.74 dB
25
20
15
10
5
0
-5
-10
-15
-20
-25
3
>Ch5: Start 600.000 MHz
Stop 3.00000 GHz

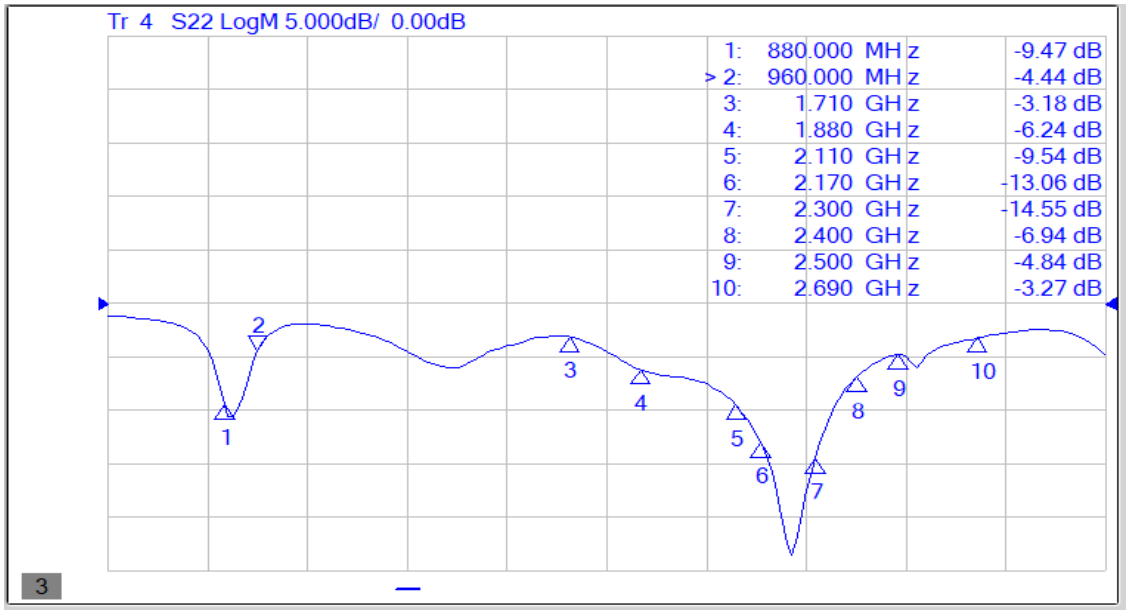

Tr 7 S22 Smith 1.000U/ 1.00U
1: 703.000 MHz 60.71 Ω
18.13 nH 80.10 Ω
> 2: 803.000 MHz 11.22 Ω
4.09 nH 20.66 Ω
3: 1.710 GHz 14.88 Ω
2.25 nH 24.16 Ω
4: 1.850 GHz 45.88 Ω
8.02 nH 93.26 Ω
5: 1.990 GHz 84.63 Ω
775.58 fF -103.12 Ω
6: 2.170 GHz 13.19 Ω
3.28 pF -22.33 Ω
7: 2.300 GHz 16.60 Ω
652.40 pH 9.43 Ω
8: 2.400 GHz 32.97 Ω
1.63 nH 24.64 Ω
9: 2.500 GHz 37.53 Ω
477.76 pH 7.50 Ω
10: 2.690 GHz 15.14 Ω
521.07 pH 8.81 Ω
3
>Ch5: Start 600.000 MHz
Stop 3.00000 GHz

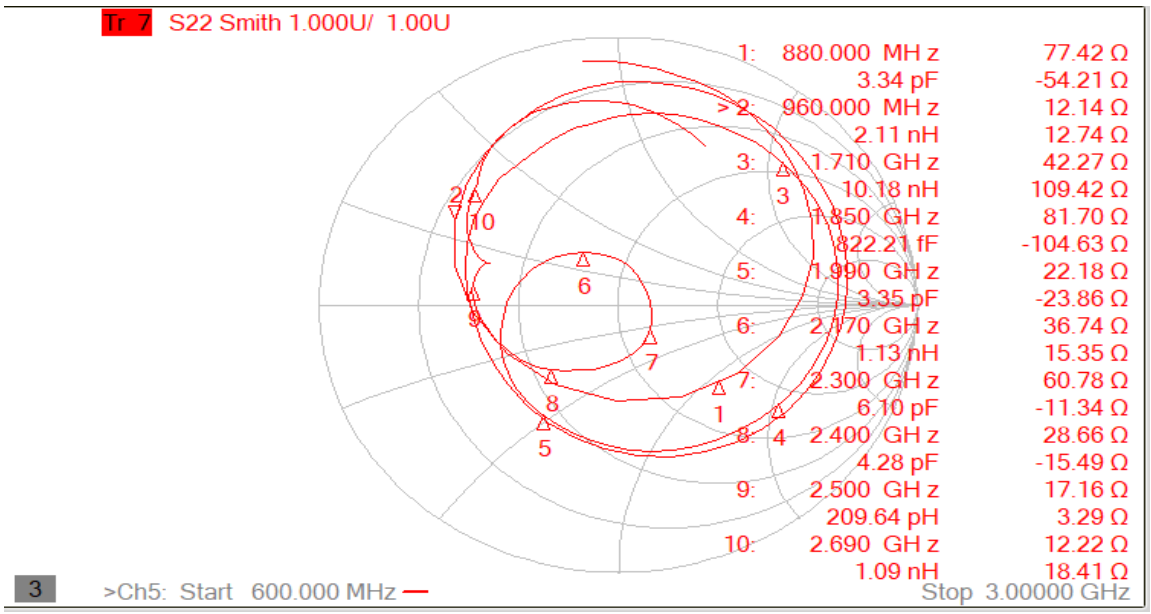
B5/20/4/41


Tr 4 S22 LogM 5.000dB/ 0.00dB
1: 790.000 MHz -4.76 dB
> 2: 894.000 MHz -3.98 dB
3: 1.710 GHz -8.68 dB
4: 1.880 GHz -6.66 dB
5: 2.110 GHz -5.53 dB
6: 2.170 GHz -4.58 dB
7: 2.300 GHz -4.45 dB
8: 2.400 GHz -7.09 dB
9: 2.500 GHz -12.40 dB
10: 2.690 GHz -5.34 dB
25
20
15
10
5
0
-5
-10
-15
-20
-25
3
>Ch5: Start 600.000 MHz
Stop 3.00000 GHz

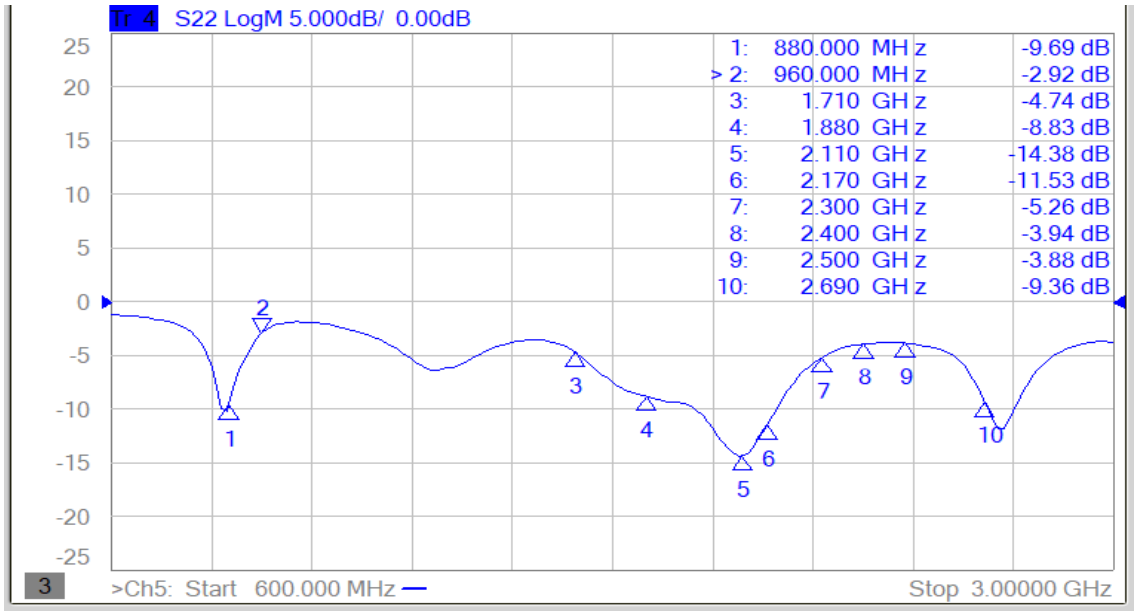

Tr 7 S22 Smith 1.000U/ 1.00U
1: 790.000 MHz 104.12 Ω
23.18 nH 115.06 Ω
> 2: 894.000 MHz 14.88 Ω
1.76 nH 9.88 Ω
3: 1.710 GHz 32.06 Ω
3.87 pF -24.04 Ω
4: 1.850 GHz 27.11 Ω
2.66 nH 30.90 Ω
5: 1.990 GHz 153.17 Ω
1.60 nH 19.98 Ω
6: 2.170 GHz 18.71 Ω
1.97 pF -37.25 Ω
7: 2.300 GHz 12.02 Ω
62.34 pF -1.11 Ω
8: 2.400 GHz 19.55 Ω
1.33 nH 19.98 Ω
9: 2.500 GHz 36.58 Ω
1.25 nH 19.65 Ω
10: 2.690 GHz 18.99 Ω
523.43 pH 8.85 Ω
3
>Ch5: Start 600.000 MHz
Stop 3.00000 GHz

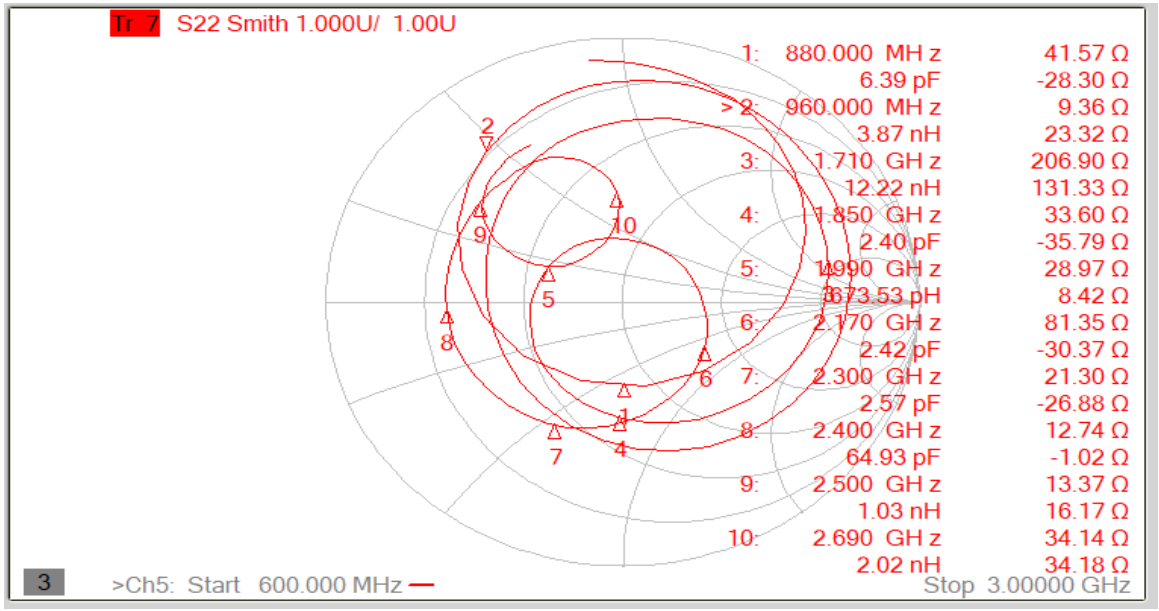
B8/B40


Tr 4 S22 LogM 5.000dB/ 0.00dB
1: 880.000 MHz -9.47 dB
> 2: 960.000 MHz -4.44 dB
3: 1.710 GHz -3.18 dB
4: 1.880 GHz -6.24 dB
5: 2.110 GHz -9.54 dB
6: 2.170 GHz -13.06 dB
7: 2.300 GHz -14.55 dB
8: 2.400 GHz -6.94 dB
9: 2.500 GHz -4.84 dB
10: 2.690 GHz -3.27 dB
3

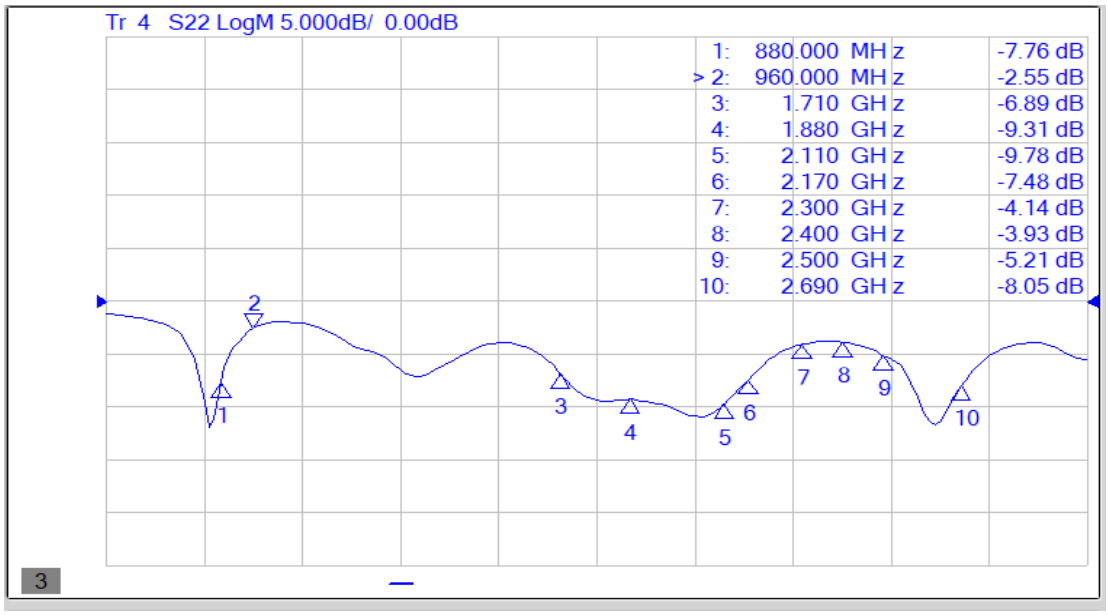

Tr 7 S22 Smith 1.000U/ 1.00U
1: 880.000 MHz 77.42 Ω
3.34 pF -54.21 Ω
> 2: 960.000 MHz 12.14 Ω
2.11 nH 12.74 Ω
3: 1.710 GHz 42.27 Ω
10.18 nH 109.42 Ω
4: 1.850 GHz 81.70 Ω
822.21 fF -104.63 Ω
5: 1.990 GHz 22.18 Ω
3.35 pF -23.86 Ω
6: 2.170 GHz 36.74 Ω
1.13 nH 15.35 Ω
7: 2.300 GHz 60.78 Ω
6.10 pF -11.34 Ω
8: 2.400 GHz 28.66 Ω
4.28 pF -15.49 Ω
9: 2.500 GHz 17.16 Ω
209.64 pH 3.29 Ω
10: 2.690 GHz 12.22 Ω
1.09 nH 18.41 Ω
3
>Ch5: Start 600.000 MHz
Stop 3.00000 GHz

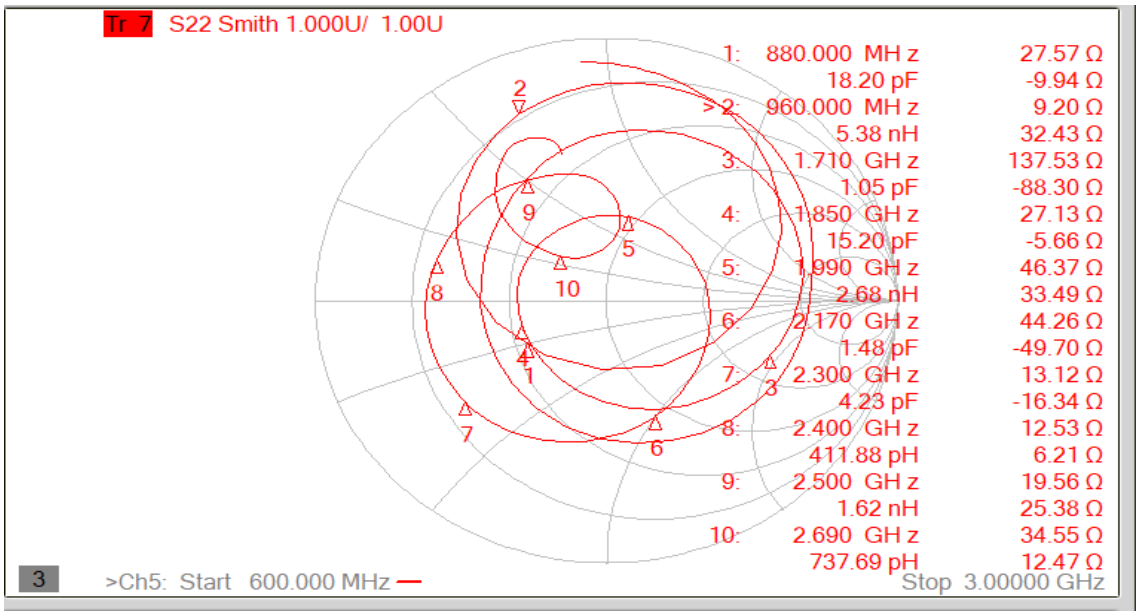
B1


Tr 4 S22 LogM 5.000dB/ 0.00dB
1: 880.000 MHz -9.69 dB
> 2: 960.000 MHz -2.92 dB
3: 1.710 GHz -4.74 dB
4: 1.880 GHz -8.83 dB
5: 2.110 GHz -14.38 dB
6: 2.170 GHz -11.53 dB
7: 2.300 GHz -5.26 dB
8: 2.400 GHz -3.94 dB
9: 2.500 GHz -3.88 dB
10: 2.690 GHz -9.36 dB
25
20
15
10
5
0
-5
-10
-15
-20
-25
3
>Ch5: Start 600.000 MHz
Stop 3.00000 GHz

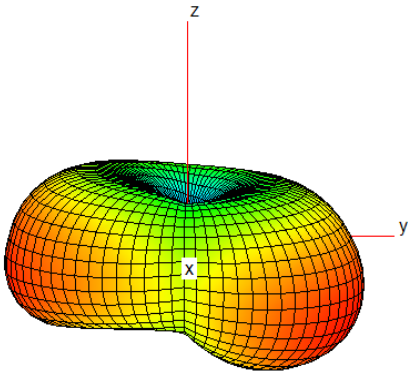

Tr 7 S22 Smith 1.000U/ 1.00U
1: 880.000 MHz 41.57 Ω
6.39 pF -28.30 Ω
> 2: 960.000 MHz 9.36 Ω
3.87 nH 23.32 Ω
3: 1.710 GHz 206.90 Ω
12.22 nH 131.33 Ω
4: 1.850 GHz 33.60 Ω
2.40 pF -35.79 Ω
5: 1.990 GHz 28.97 Ω
673.53 pH 8.42 Ω
6: 2.170 GHz 81.35 Ω
2.42 pF -30.37 Ω
7: 2.300 GHz 21.30 Ω
2.57 pF -26.88 Ω
8: 2.400 GHz 12.74 Ω
64.93 pF -1.02 Ω
9: 2.500 GHz 13.37 Ω
1.03 nH 16.17 Ω
10: 2.690 GHz 34.14 Ω
2.02 nH 34.18 Ω
3
>Ch5: Start 600.000 MHz
Stop 3.00000 GHz

B2

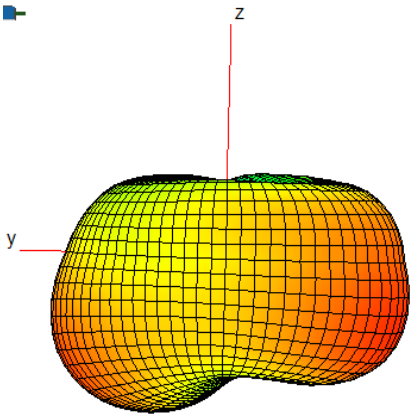

Tr 4 S22 LogM 5.000dB/ 0.00dB
1: 880.000 MHz -7.76 dB
> 2: 960.000 MHz -2.55 dB
3: 1.710 GHz -6.89 dB
4: 1.880 GHz -9.31 dB
5: 2.110 GHz -9.78 dB
6: 2.170 GHz -7.48 dB
7: 2.300 GHz -4.14 dB
8: 2.400 GHz -3.93 dB
9: 2.500 GHz -5.21 dB
10: 2.690 GHz -8.05 dB
3


Tr 7 S22 Smith 1.000U/ 1.00U
1: 880.000 MHz 27.57 Ω
18.20 pF -9.94 Ω
> 2: 960.000 MHz 9.20 Ω
5.38 nH 32.43 Ω
3: 1.710 GHz 137.53 Ω
1.05 pF -88.30 Ω
4: 1.850 GHz 27.13 Ω
15.20 pF -5.66 Ω
5: 1.990 GHz 46.37 Ω
2.68 nH 33.49 Ω
6: 2.170 GHz 44.26 Ω
1.48 pF -49.70 Ω
7: 2.300 GHz 13.12 Ω
4.23 pF -16.34 Ω
8: 2.400 GHz 12.53 Ω
411.88 pH 6.21 Ω
9: 2.500 GHz 19.56 Ω
1.62 nH 25.38 Ω
10: 2.690 GHz 34.55 Ω
737.69 pH 12.47 Ω
3
>Ch5: Start 600.000 MHz
Stop 3.00000 GHz

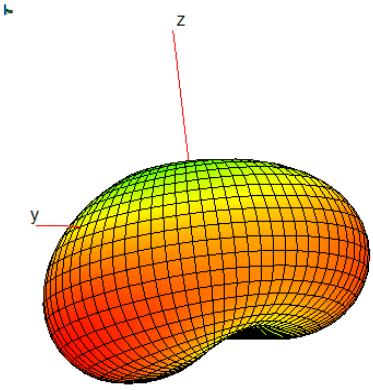
730MHz



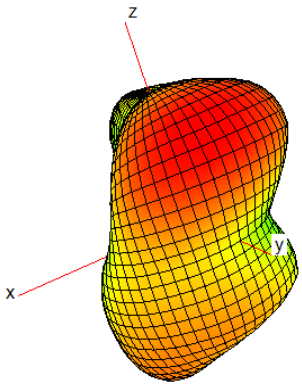
800MHz



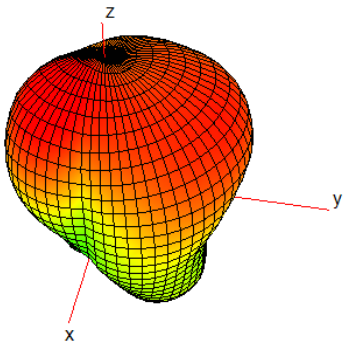
850MHZ



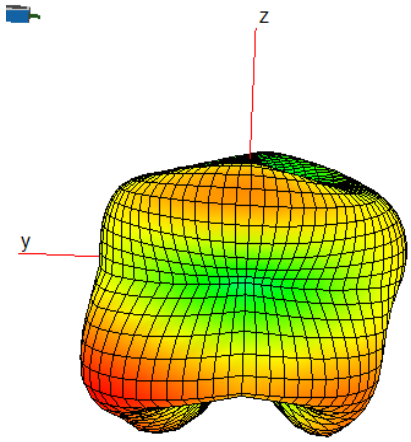
900MHz

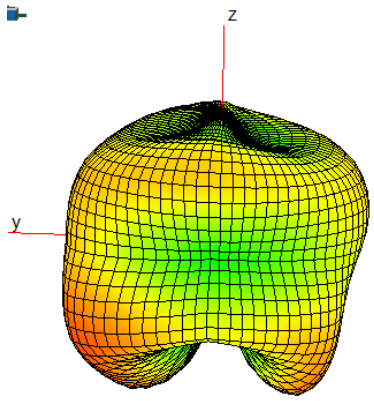
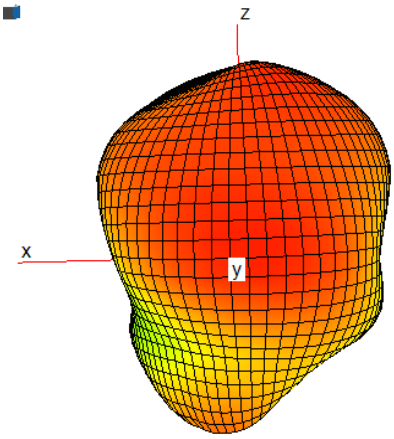
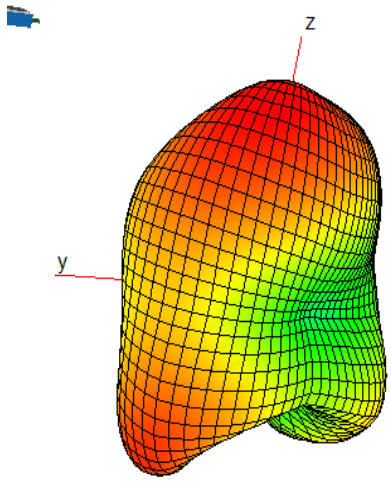
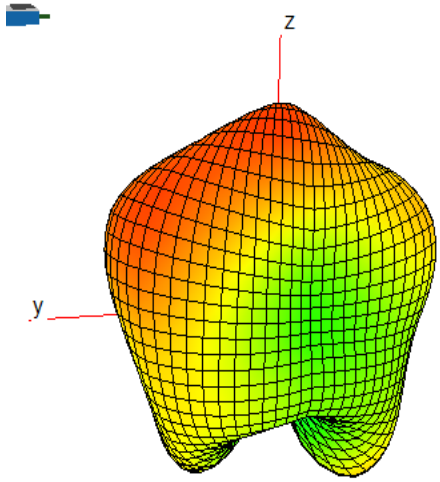


1750MHz



1880MHz

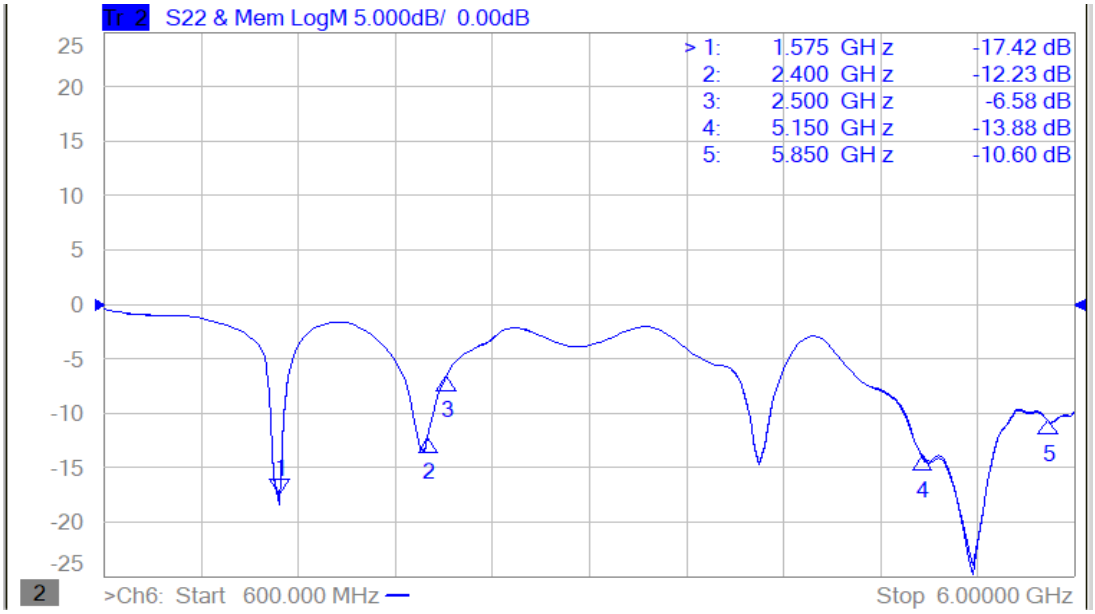


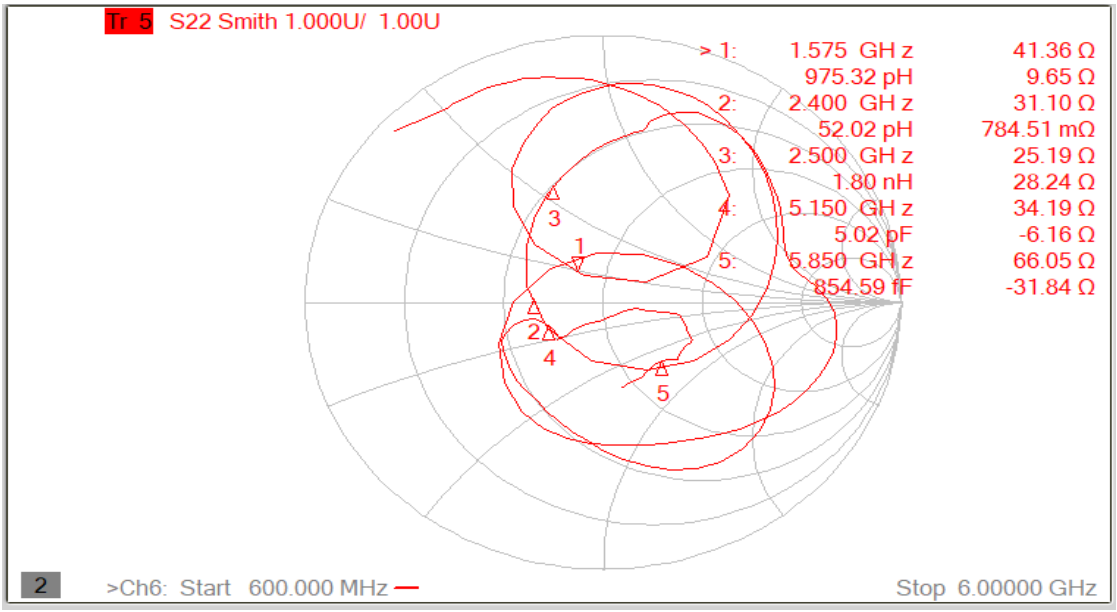
1950MHz	2170MHz
	
2350MHz	2600MHz
	

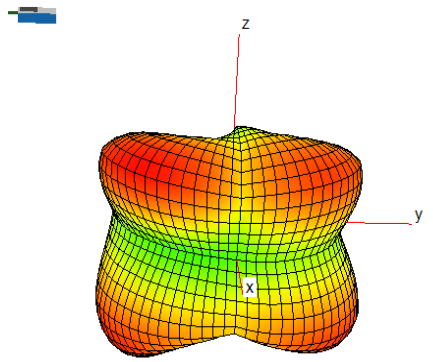
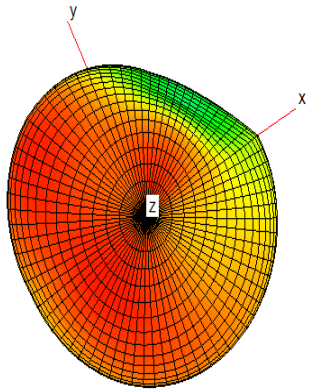
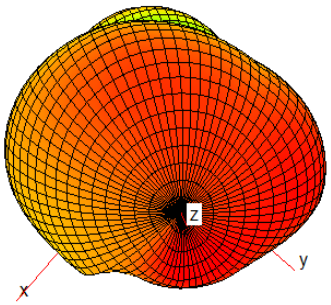
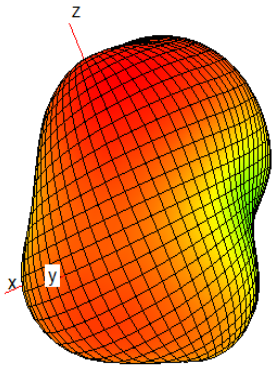
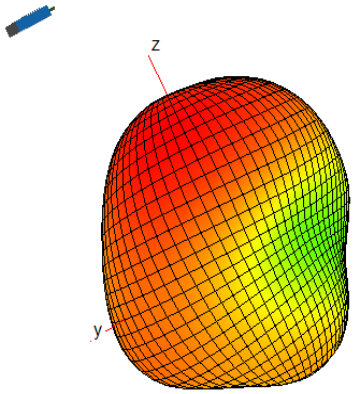
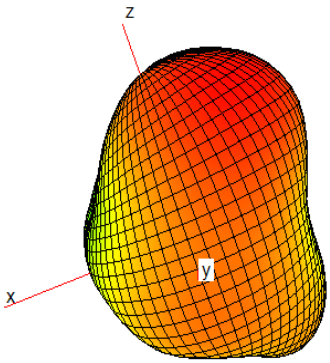
ANT6

Band	Combo ant	
	Effi.(dBi)	peak gaIn(dBl)
GPS	-5.5	-2
WIFI2.4G	-4.5	-3.6
WIFI5G 5150-5225MHZ	-5.1	-3.7
WIFI5G 5225-5350MHZ	-5.2	-3.8
WIFI5G 5470-5725MHZ	-4.8	-3.7
WIFI5G 5725-5850MHZ	-5	-4.4

S11


Tr 2 S22 & Mem LogM 5.000dB/ 0.00dB
> 1: 1.575 GHz -17.42 dB
2: 2.400 GHz -12.23 dB
3: 2.500 GHz -6.58 dB
4: 5.150 GHz -13.88 dB
5: 5.850 GHz -10.60 dB
25
20
15
10
5
0
-5
-10
-15
-20
-25
2
>Ch6: Start 600.000 MHz
Stop 6.00000 GHz


Tr 5 S22 Smith 1.000U/ 1.00U
> 1: 1.575 GHz 41.36 Ω
975.32 pH 9.65 Ω
2: 2.400 GHz 31.10 Ω
52.02 pH 784.51 mΩ
3: 2.500 GHz 25.19 Ω
1.80 nH 28.24 Ω
4: 5.150 GHz 34.19 Ω
5.02 pF -6.16 Ω
5: 5.850 GHz 66.05 Ω
854.59 fF -31.84 Ω
2
>Ch6: Start 600.000 MHz
Stop 6.00000 GHz

1575MHz	2450MHz
	
5200MHz	5300MHz
	
5600MHz	5800MHz
	

Main Test Instruments:

Name	Manufacturer	Model name	Serial Number	Cal., Date	Exp., Date