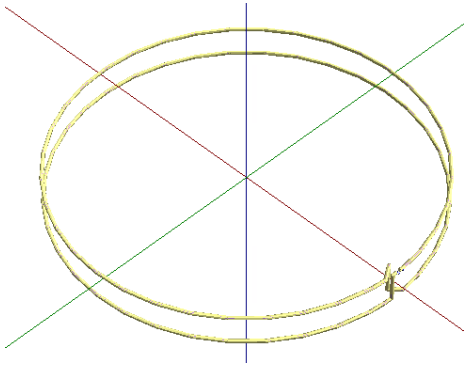
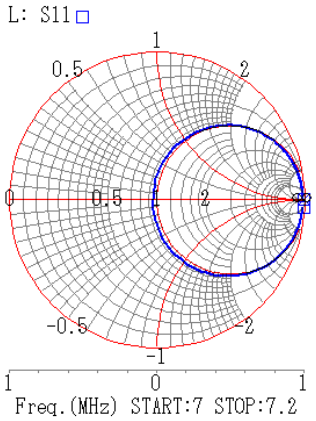
2024/9/14

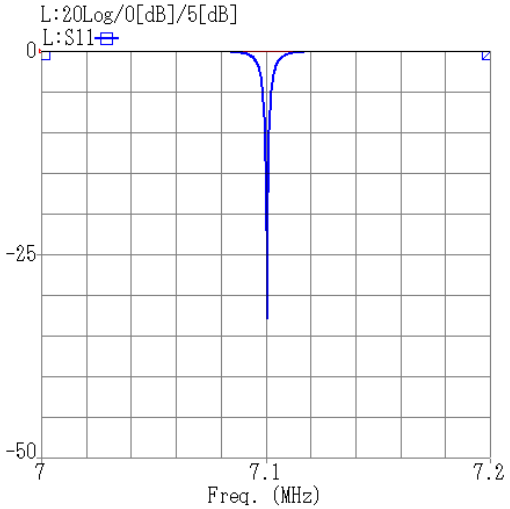
# D=1000mm Series Two-Turn Loop 7MHz

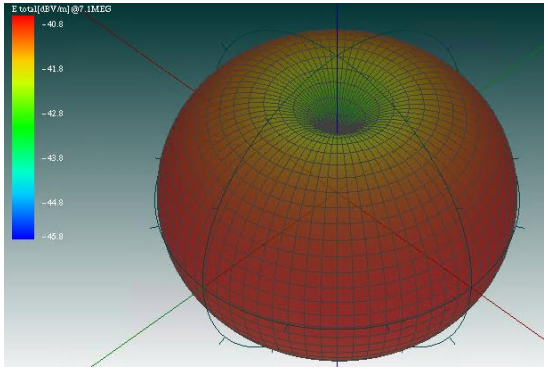
**D1000　φ8 Cu**

**Cm=6.4639pF**
**C1=100.018pF**
**C2=89.568pF**





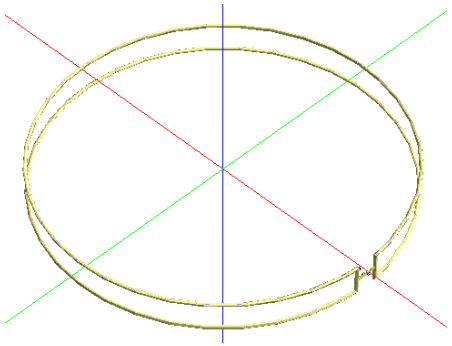
**--- Far field analysis ---**
**Frequency 7.1MEG Hz**
**Direction : th=90,phi=185**
**Gd=1.7364[dBi]**
**Ga=-6.83382[dBi]**
**Efficiency=13.8988[%]**
**Axis ratio= 1:0.00707285**

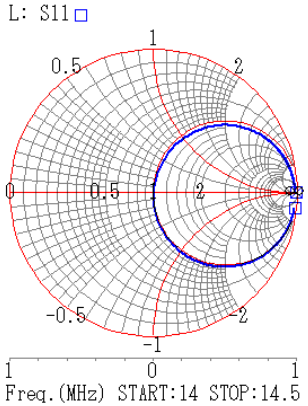
**＊本資料は JH1YMCおよびMLA48メンバー専用です．デジタル・ファイルの頒布はご遠慮ください.**

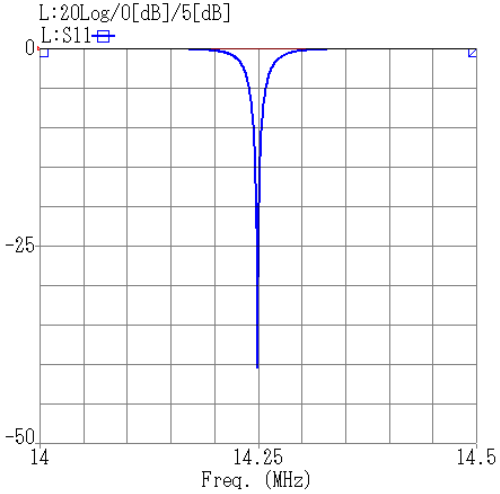
## D=1000mm Two Single-Turn Parallel Loop 14MHz

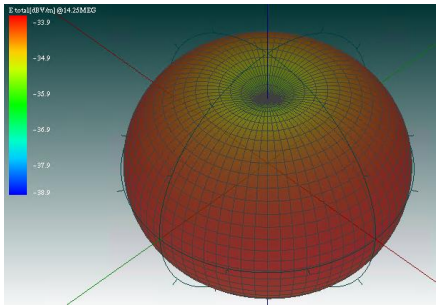
**D1000 φ8 Cu**

**Cm=7.025pF**
**C1=105.48pF**
**C2=94.93pF**





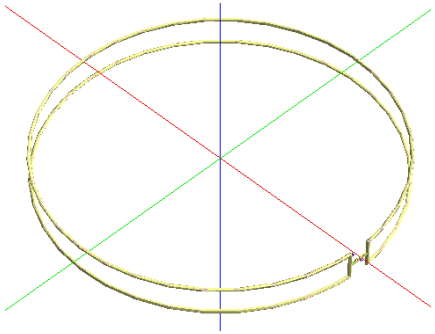
**--- Far field analysis ---**
**Frequency 14.25MEG Hz**
**Direction : th=90,phi=180**
**Gd=1.68429[dBi]**
**Ga=-0.98421[dBi]**
**Efficiency=54.0941[%]**
**Axis ratio= 1:0.000139704**

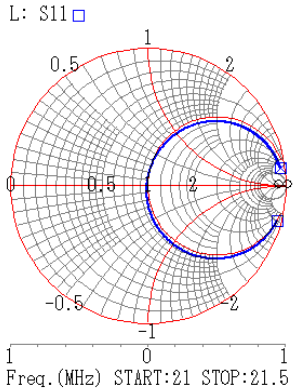
**＊本資料は JH1YMCおよびMLA48メンバー専用です．デジタル・ファイルの頒布はご遠慮ください.**

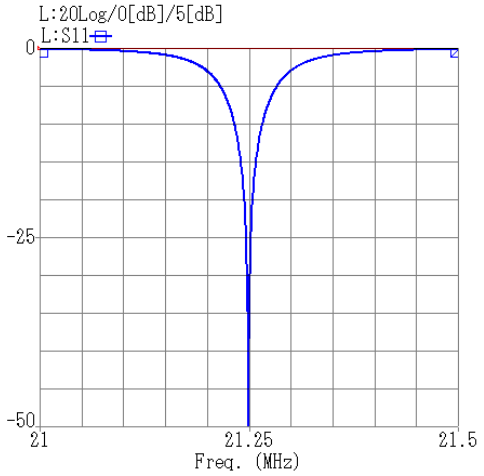
## D=1000mm Two Single-Turn Parallel 21MHz

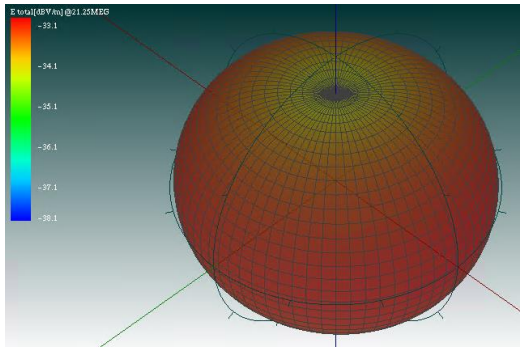
**D1000 φ8 Cu**

**Cm=6.269pF**
**C1=39.0125pF**
**C2=35.1113pF**





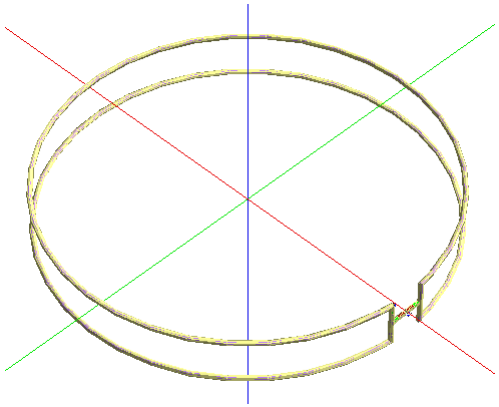
**--- Far field analysis ---**
**Frequency 21.25MEG Hz**
**Direction : th=90,phi=360**
**Gd=1.62753[dBi]**
**Ga=0.851872[dBi]**
**Efficiency=83.6438[%]**
**Axis ratio= 1:4.82387e-05**

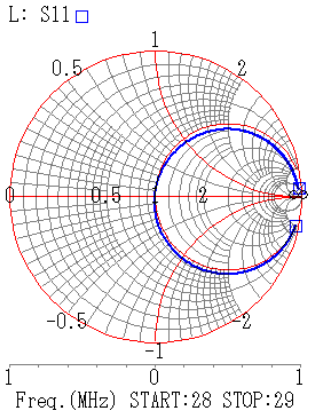
**＊本資料は JH1YMCおよびMLA48メンバー専用です．デジタル・ファイルの頒布はご遠慮ください.**

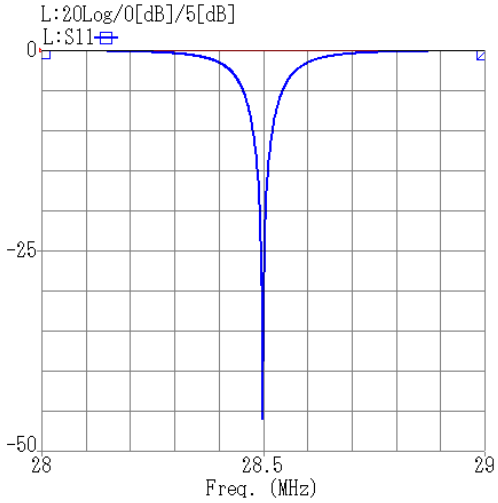
# D=700mm Two Single-Turn Parallel Loops 28MHz

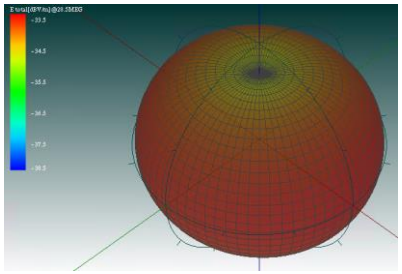
**D700 φ8 Cu**

**Cm=4.965184265pF**
**C1=35.88638793pF**
**C2=32.2977491pF**





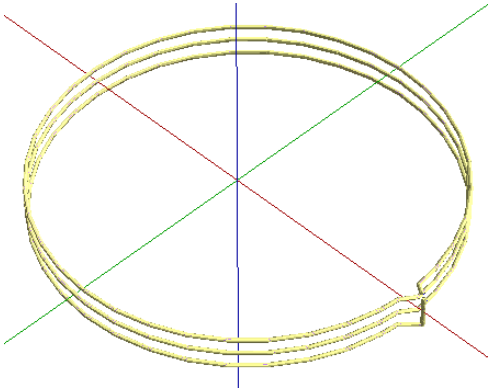
**--- Far field analysis ---**
**Frequency 28.5MEG Hz**
**Direction : th=90,phi=0**
**Gd=1.62851[dBi]**
**Ga=0.46611[dBi]**
**Efficiency=76.5173[%]**
**Axis ratio= 1:0.00011116**

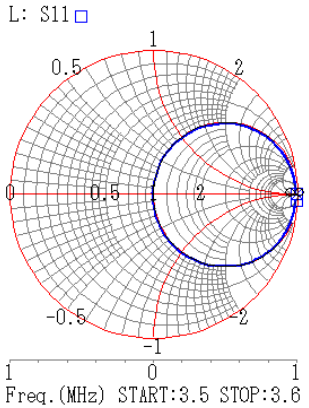
＊本資料は JH1YMCおよびMLA48メンバー専用です．デジタル・ファイルの頒布はご遠慮ください.

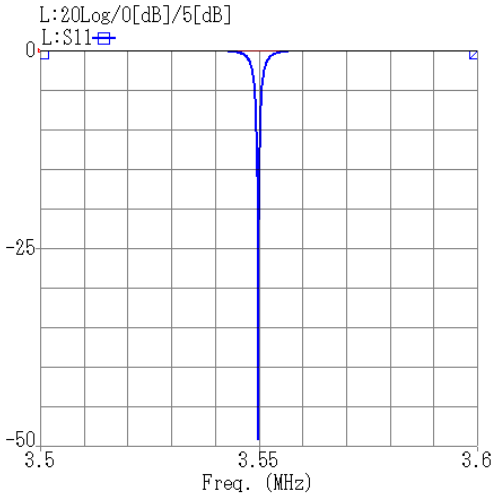
## D=1000mm Single 3-Turn Series 3.5MHz

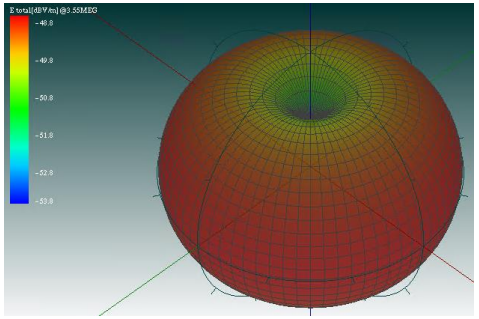
**D1000 φ8 Cu**

**Cm=11.459pF**
**C1=195.708pF**
**C2=176.137pF**





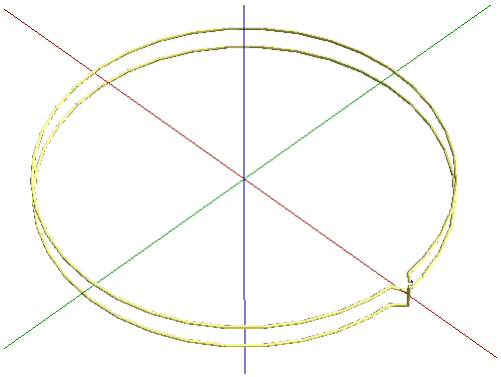
**--- Far field analysis ---**
**Frequency 3.55MEG Hz**
**Direction : th=90,phi=45**
**Gd=1.74473[dBi]**
**Ga=-14.3552[dBi]**
**Efficiency=2.45473[%]**
**Axis ratio= 1:0.00938299**

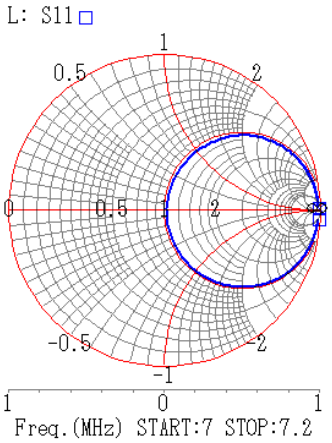
**＊本資料は JH1YMCおよびMLA48メンバー専用です．デジタル・ファイルの頒布はご遠慮ください．**

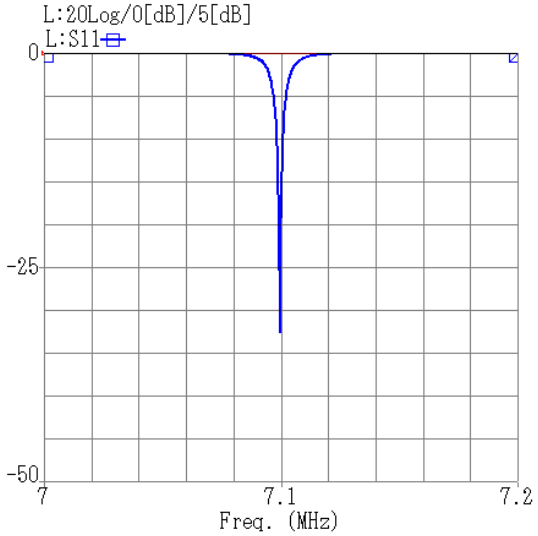
## D=1300mm Single Two-Turn Loop 7MHz

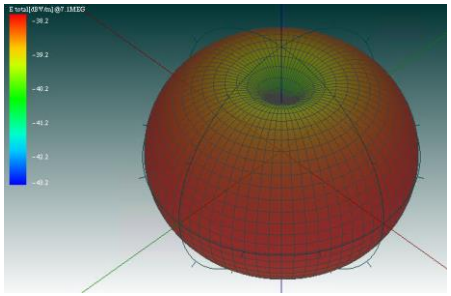
**D1300 φ8 Cu**

**Cm=6.425662838pF**
**C1=59.25033767pF**
**C2=53.7pF**





**--- Far field analysis ---**
**Frequency 7.1MEG Hz**
**Direction : th=90,phi=10**
**Gd=1.72153[dBi]**
**Ga=-4.62413[dBi]**
**Efficiency=23.1971[%]**
**Axis ratio= 1:0.00960139**

**＊本資料は JH1YMCおよびMLA48メンバー専用です．デジタル・ファイルの頒布はご遠慮ください.**