



ALPACA-CRYO PAF Dipole Coupling Reduction III HEX Layout

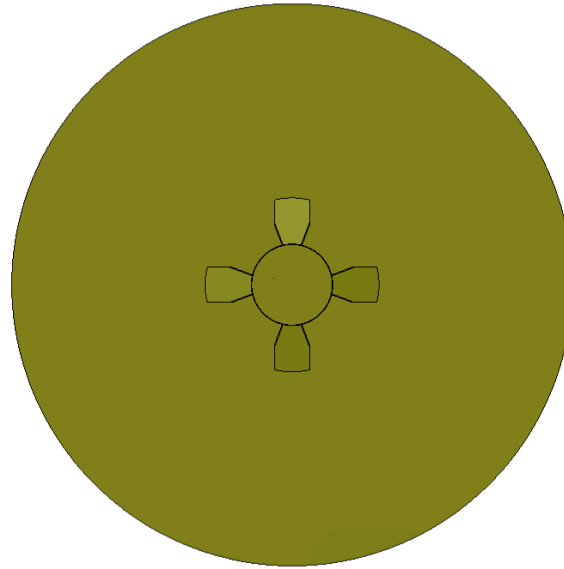
German Cortes-Medellin

Dipole Coupling Studies Modified Dipole

Cornell Center for Astrophysics and Planetary Science

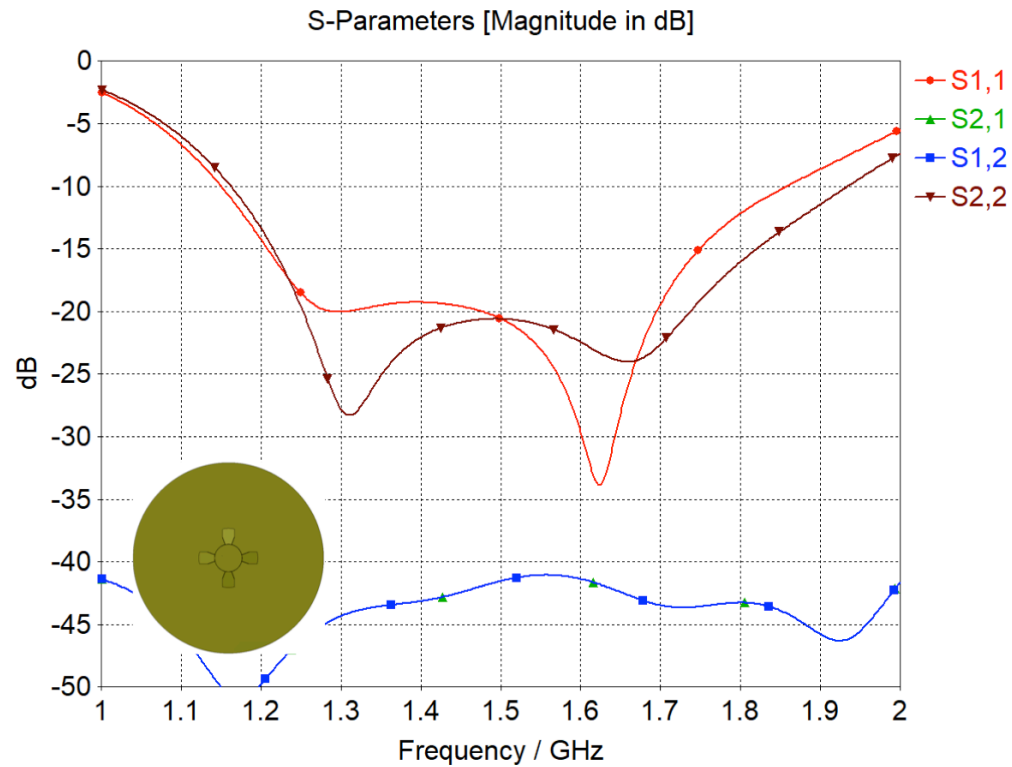


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Dipole Coupling Studies

Modified Dipole

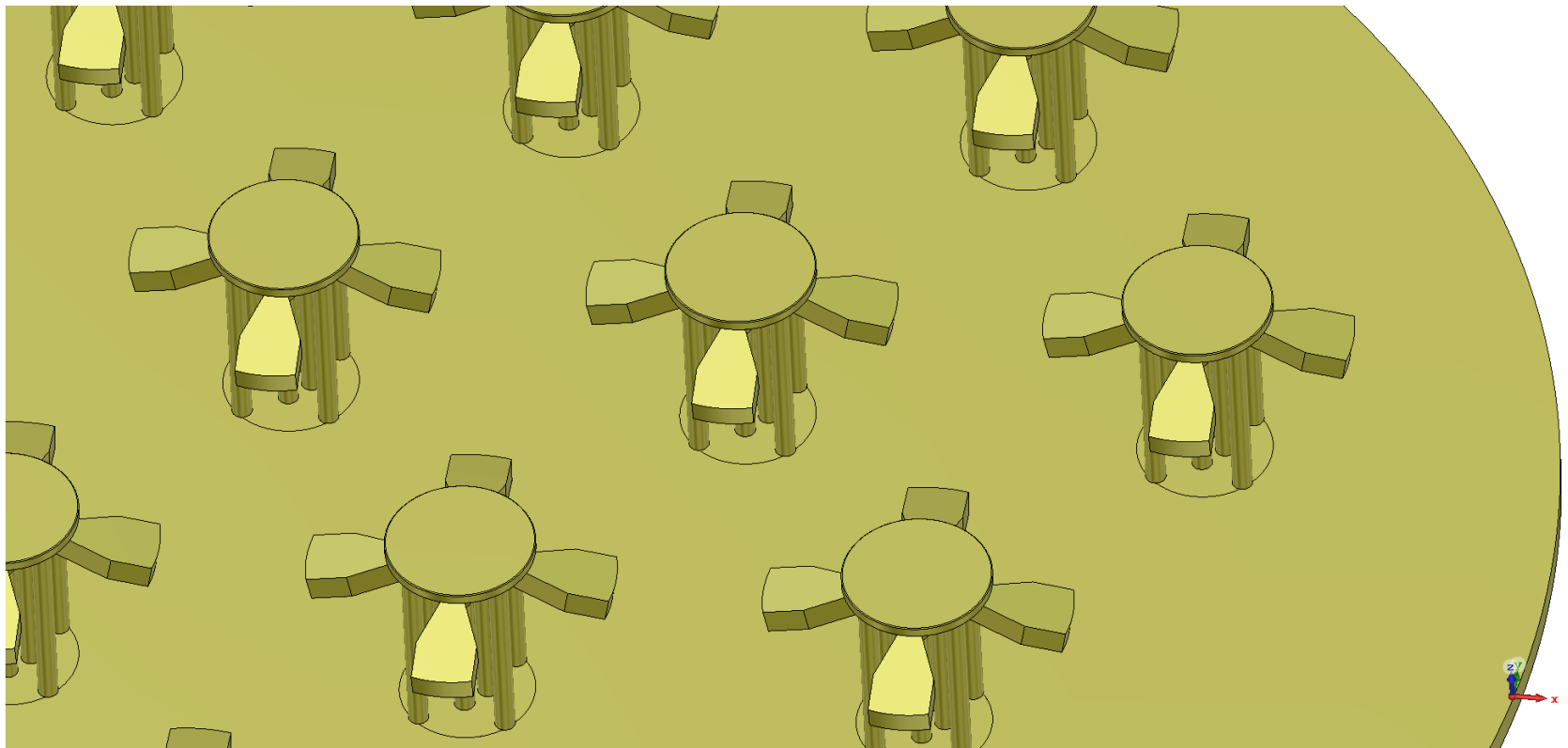


HEX Dipole Layout



12 Dipoles

Dipole
 $\phi_z = 0^\circ$
Tilt $\alpha = 10^\circ$
Pie $\beta = 20^\circ$



Dipole $s = 135\text{mm}$

HEX Dipole Layout

12 Dipoles



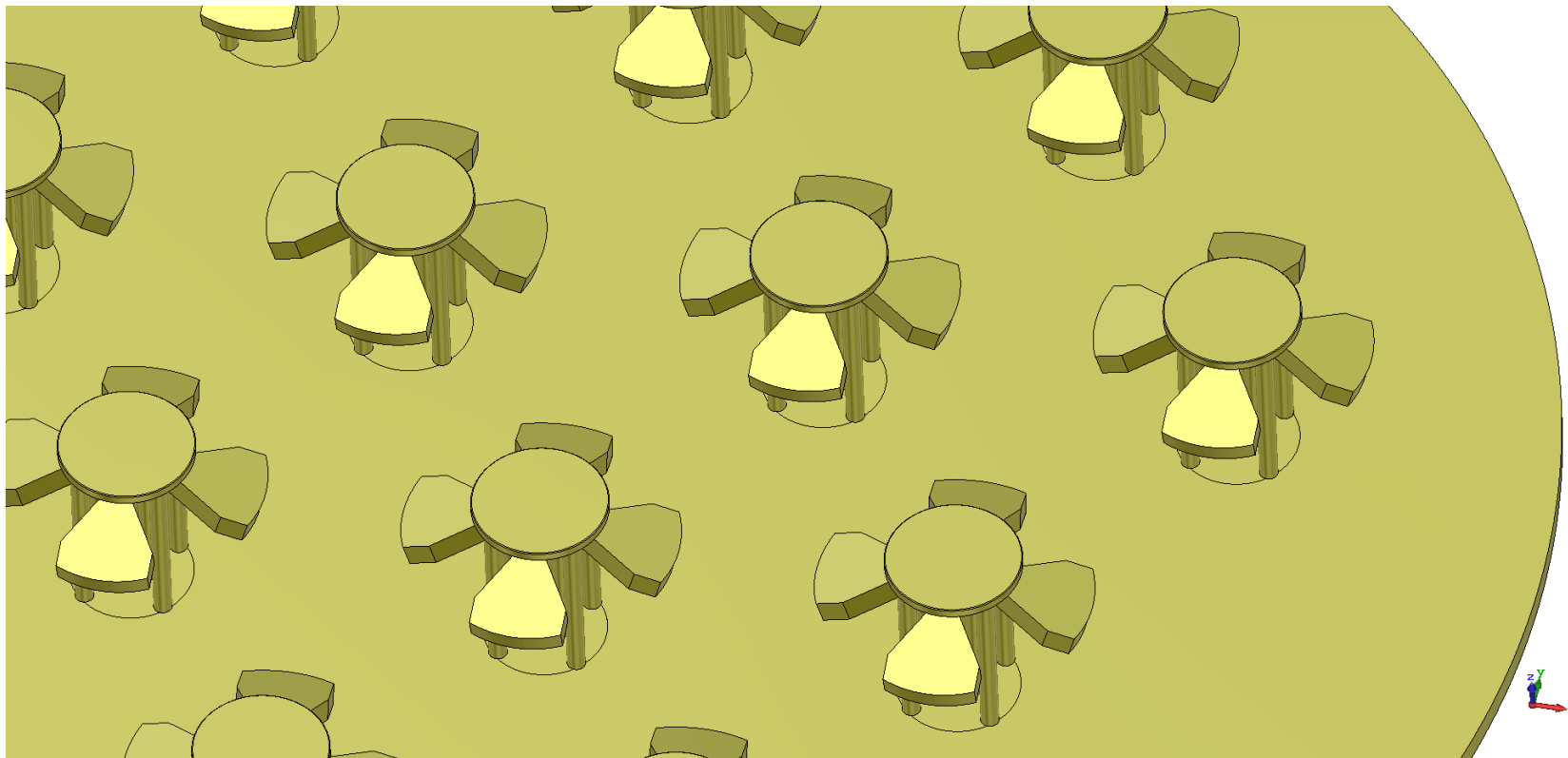
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Dipole

$$\phi_z = 0^\circ$$

$$\text{Tilt } \alpha = 20^\circ$$

$$\text{Pie } \beta = 30^\circ$$



Dipole $s = 135\text{mm}$

HEX Dipole Layout

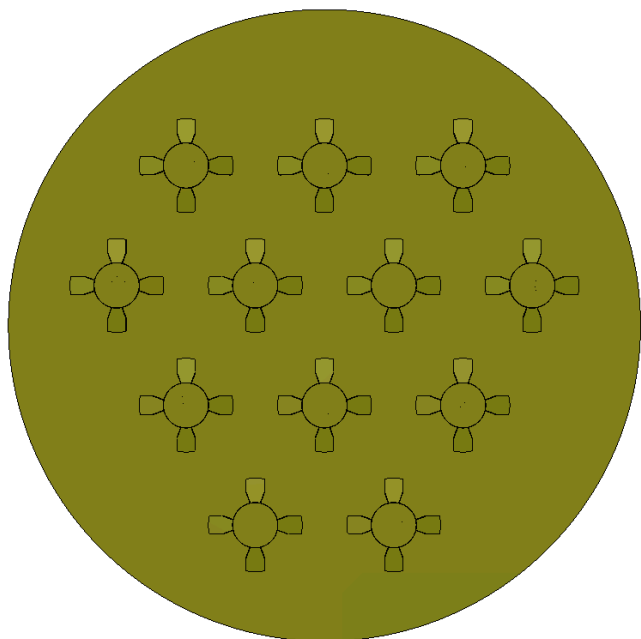
12 Dipoles

Dipole

$$\phi_z = 0^\circ$$

$$\text{Tilt } \alpha = 10^\circ$$

$$\text{Pie } \beta = 20^\circ$$



Dipole $s = 135\text{mm}$

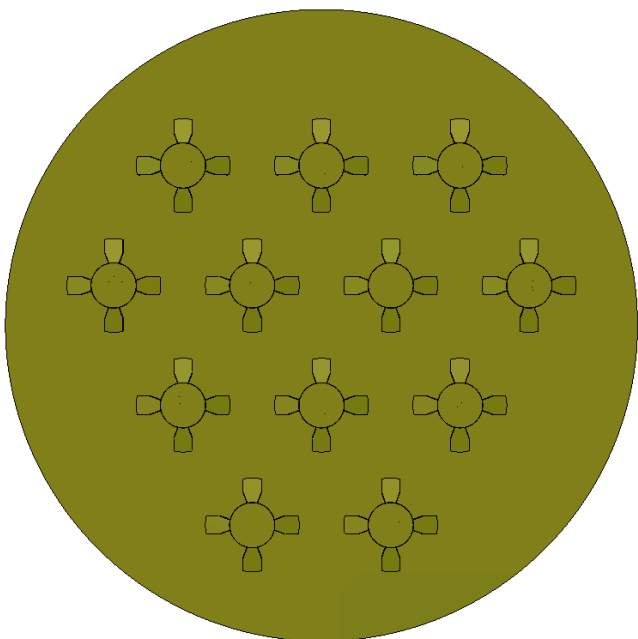


HEX Dipole Layout

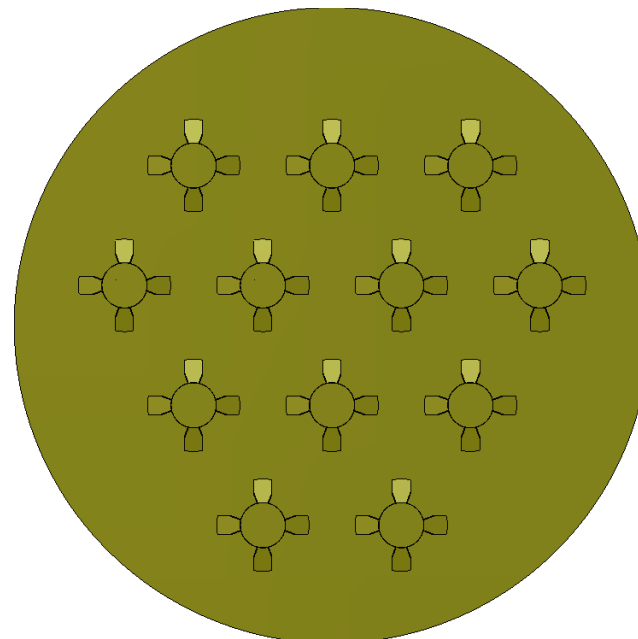
12 Dipoles

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Dipole
 $\phi_z = 0^\circ$
Tilt $\alpha = 10^\circ$
Pie $\beta = 20^\circ$



Dipole
 $\phi_z = 0^\circ$
Tilt $\alpha = 15^\circ$
Pie $\beta = 20^\circ$



Dipole $s = 135\text{mm}$

HEX Dipole Layout

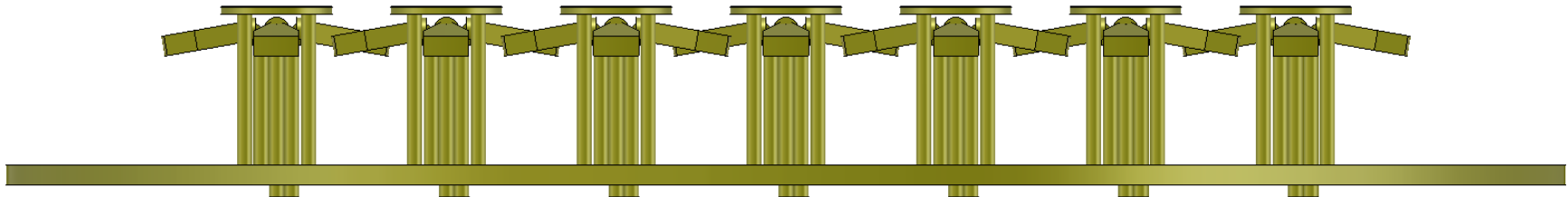
12 Dipoles



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HEX Dipole Layout

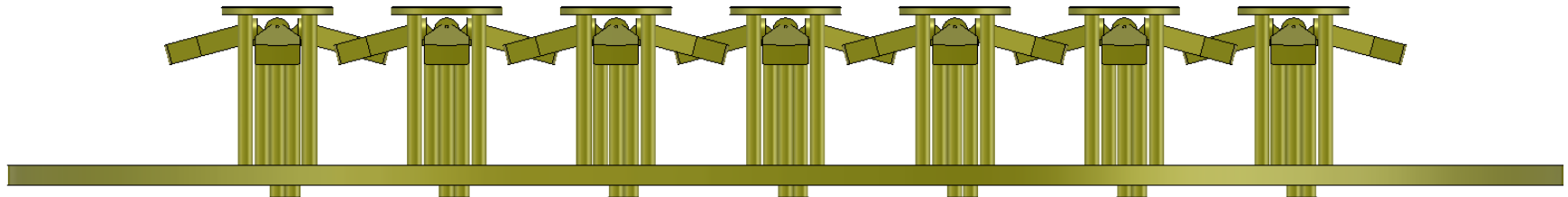
12 Dipoles



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HEX Dipole Layout

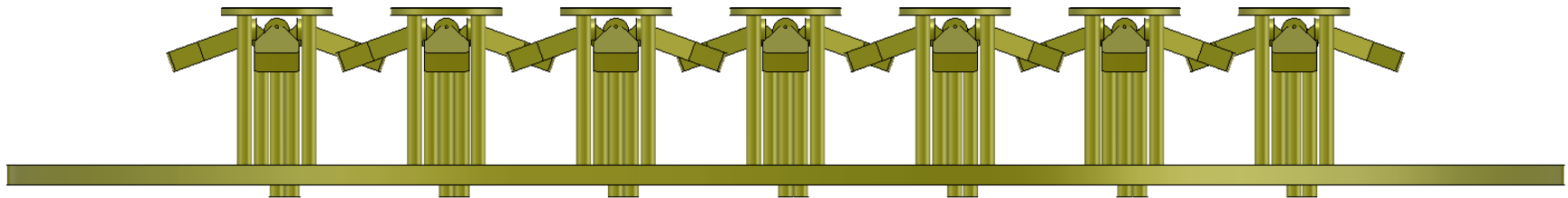
12 Dipoles



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Tilt $\alpha = 20^\circ$
Pie $\beta = 20^\circ$



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HEX Dipole Layout

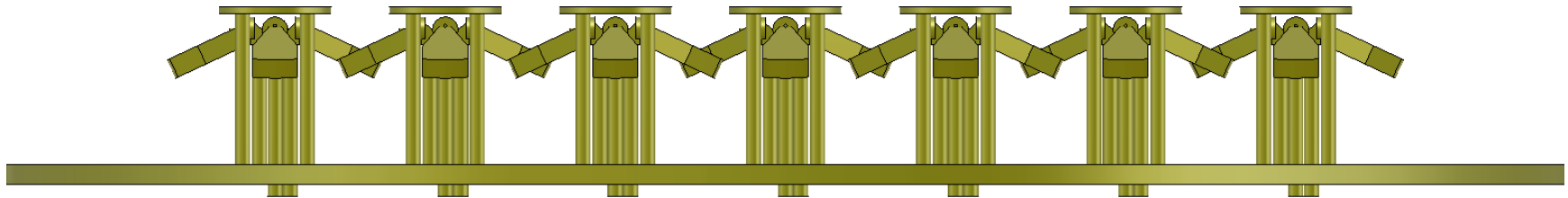
12 Dipoles



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Dipole
 $\phi_z = 0^\circ$
Tilt $\alpha = 25^\circ$
Pie $\beta = 20^\circ$



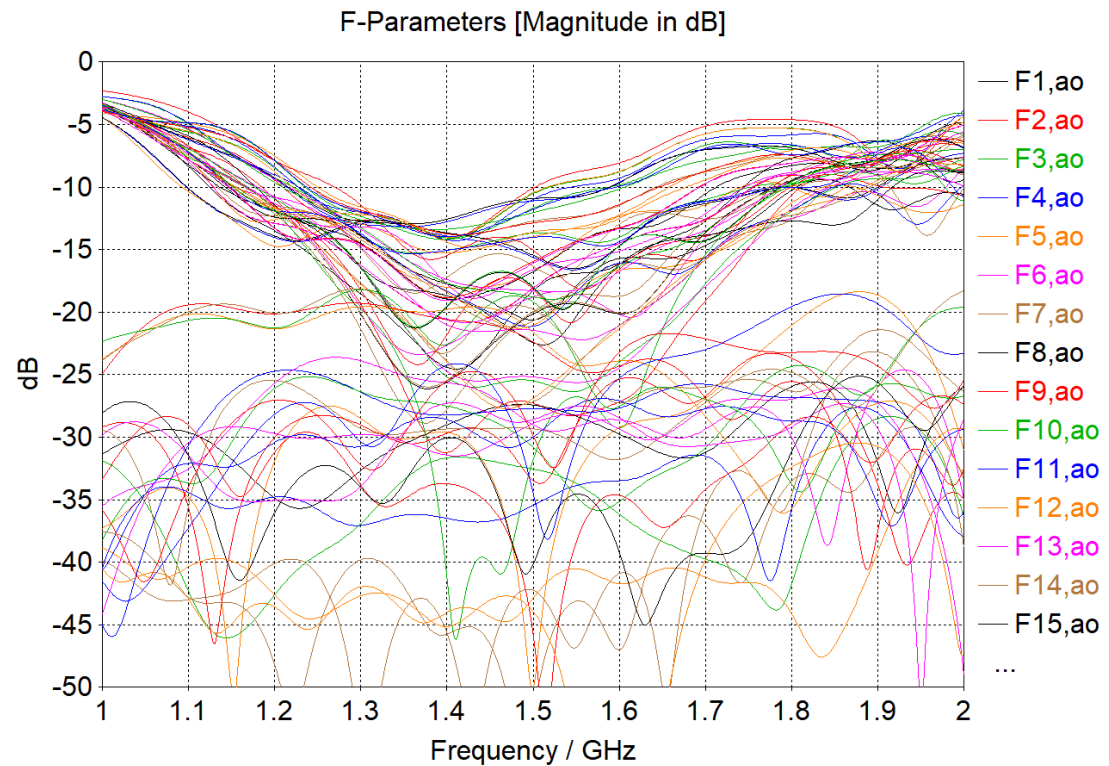
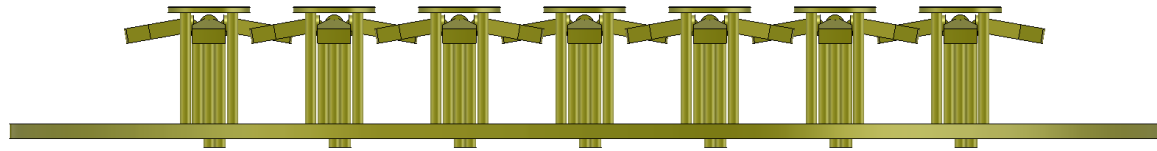
Dipole $s = 135\text{mm}$

HEX Dipole Layout

12 Dipoles



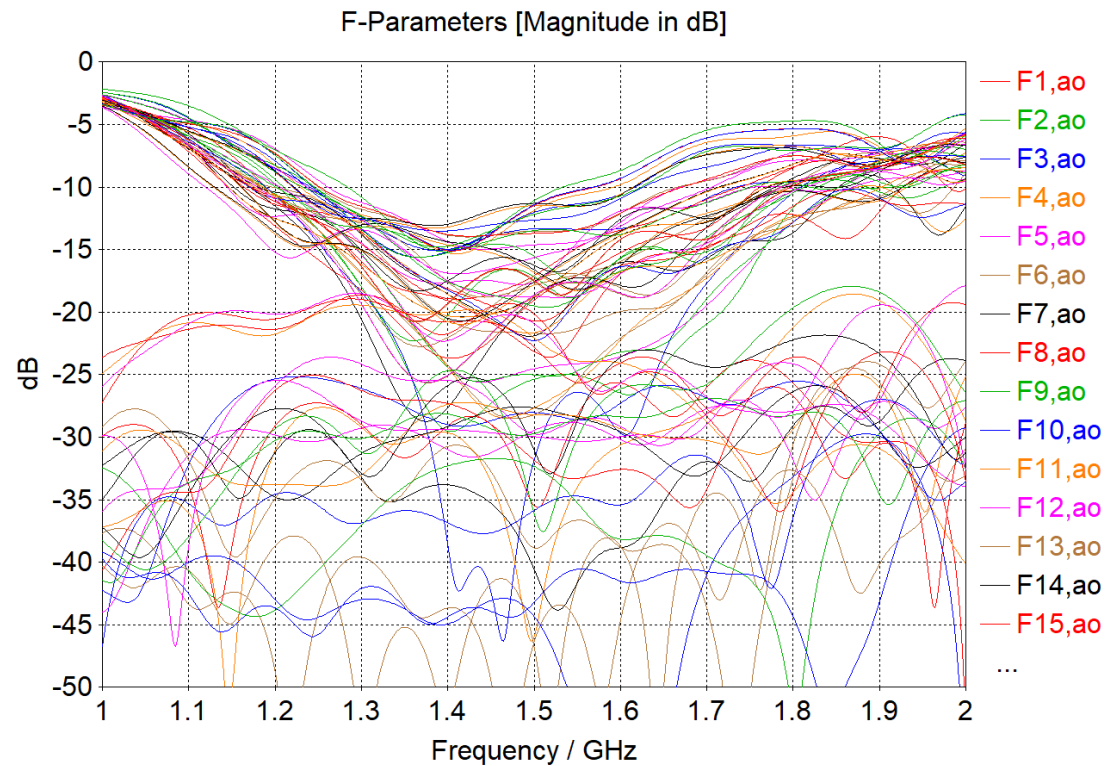
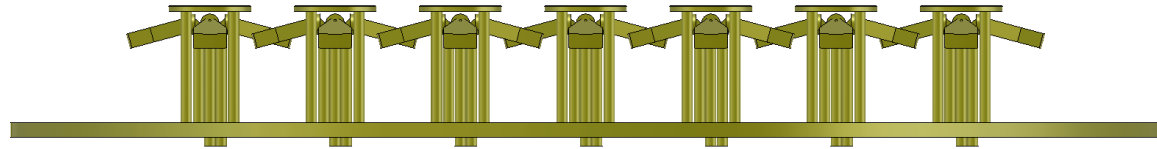
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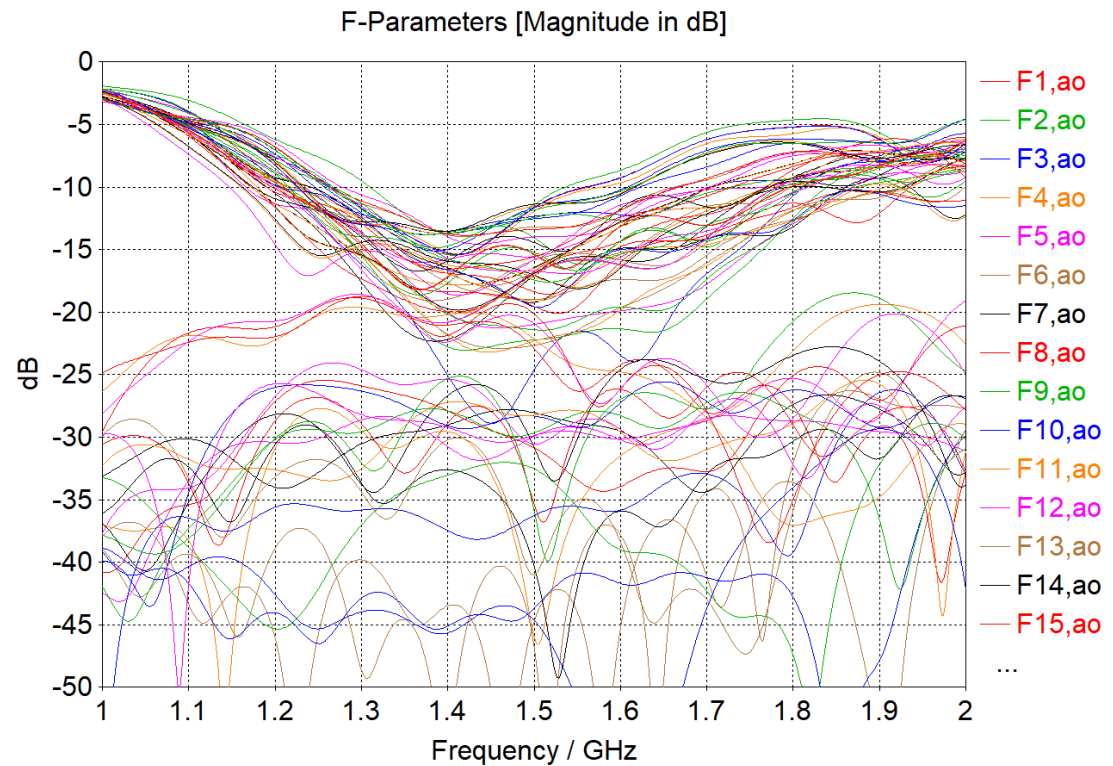
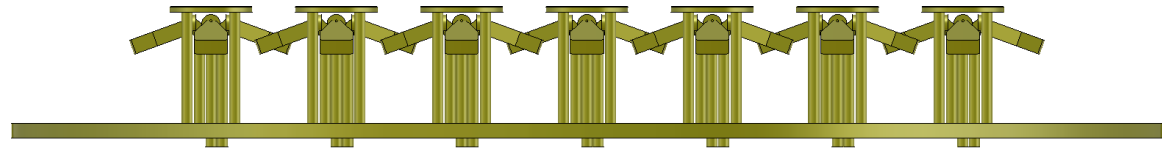


HEX Dipole Layout

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