

Log-Periodic Dipole Array

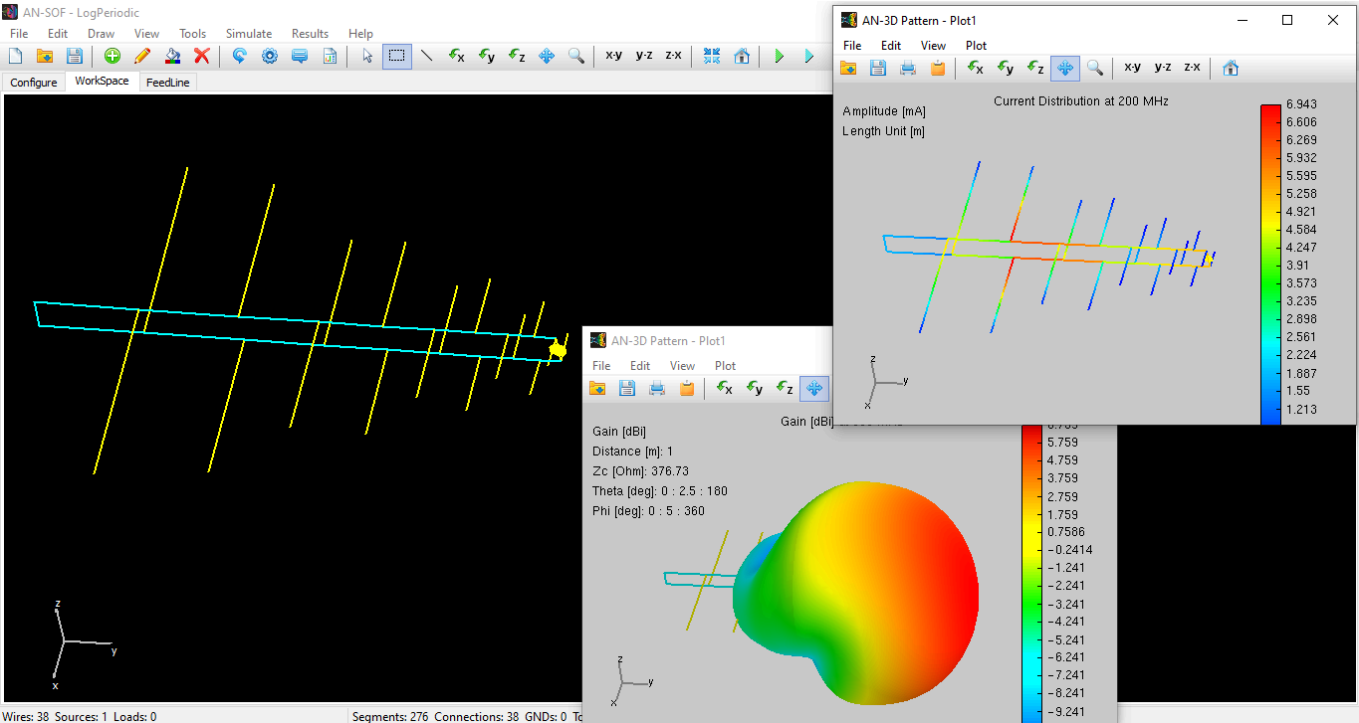
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Frequency sweep simulation of a log-periodic array of linear elements.

The antenna is fed by a voltage source at its end and the excitation is distributed between the antenna elements by means of a transmission line oriented along the antenna axis (y-axis).

The radiation pattern changes slowly as a function of frequency, so the broadband behavior of the log-periodic array is confirmed.



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