



Example: Genetically generated microstrip low-pass filter with maximum transmission @ 10 GHz and maximum insertion loss @ 20 GHz for harmonic suppression in an area of 4mm x 4mm!!

- * RO4350 substrate with $h = 10$ mil
- * Microstrip input/output
- * DC voltage coupled ports

UNIQUE ON THE MARKET!

Generate electromagnetic structures that you need!

Speed-up and innovate your microwave design with genetic generations

With *emGine Environment*TM you get a unique design tool based on full-wave 3-D time-domain simulations. To design your microwave structure you do:

- Define your generation goals, e.g., limits on s21 and s11 in your frequency band
- Use *Genetic Surface*TM to define region for generation
- Let emGine Environment generate EM structure satisfying your goals

To speed-up the generation process you can use emGine Environment in parallel computing environments, where fast design times can be achieved.

For more information contact:

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