Spiral Antenna Design Considerations

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About the presentation
This presentation will describe spiral antenna electrical properties, design considerations, usages and limitations. The presentation will describe planar spiral antenna structures and electrical characteristics. Planar spiral design techniques are described in qualitative rather than quantitative terms. The design aspects are presented in progressively important order, to aid in developing insights into critical reasoning for using or designing spiral antennas. In addition, limitations of spiral antennas are presented to provide system designers performance tradeoffs when they consider using spiral antennas in their system designs.

About the presentor
Tom Lam is a Lockheed Martin Fellow in Mission Systems and Training (MST). He holds an MSEE from NYU-Poly. He is a recipient of the 2012 Asian American Engineer of the Year (AAEOY) award. He has over 25 years of experience in antenna and radome design as well as co-site interference modeling and mitigation.