

# **The Radio Hotel – The Complete Index**

**April 2014 thru to December 2021**

by Rick Hiller – W5RH

- Note: NP is Not Published that month

## **2014**

**April – Four Whys of our Antenna Systems**

**May – The Standing Wave- Part 1**

**June – The Standing Wave Ratio-Part 2**

**July – Measuring SWR-Part 3**

**August – NP (not published)**

**September – Antenna Bandwidth and SWR-Part 4**

**October – Matching within the Antenna System-Part 5**

**November – Reflected Reflections-Part 6**

**December – SWR/Matching and Learning-Part 7**

## **2015**

**January – Your Ham Radio Hobby – What to Do in 2015**

**February – The Antenna Part 1 – The Introduction**

**March – The Antenna Part 2 – The Recipe**

**April – NP**

**May – The Antenna Part 3 – Resonance and Standing Waves and Feed Z (Oh My)**

**June – The Antenna Part 4 – Polarization and Height Above Ground**

**July – The Antenna Part 5 – Gain, angles and Patterns – It's So E-Z**

**August – The Antenna Part 6 – Verticals - How Low (angle) Can You Go?**

**September – The Antenna Part 7 – Antennas Shortening – Let's Get Loaded**

**October – The Antenna Part 8 – Getting all Choked Up About Feeding**

**November – The Antenna Part 9-- C'est Tout! References for Learning More**

**December – Analyzing Antenna Analyzers**

## **2016**

**January – Hooking Up with RF Connectors**

**February – Software Tools for your Feedline**

**March – Antenna Origins Part 1**

**April – Antenna Origins Part 2 The Audion Tube**

**May – Antenna Origins Part 3 Yagi and Uda and Beverage, Oh My!**

**June – Antenna Efficiency – KD5QPX**

**July – What's in QST? – Antenna Wise**

**August – 50 Ohm, Direct Fed Yagi's**

**September – VHF Antennas from Thumbtacks and Wires**

**October – Antennas for the 3910 Rag Chew Net**

**November – The Skinny on Wire**

**December – Antennas You've Never Heard of (probably)**

## 2017

**January – Diversity – A Deployable Advantage**

**February – Dissecting Series #1 – Inside Those Tri-band Yagi Traps**

**March – Two Antennas – What’s Old is New Again – The Hexbeam and the Moxon**

**April – AA0ST and Antennas Thru the Looking Glass**

**May – K3LR Tim Duffy**

**June – Tools for the Antenna Information Junkie**

**July – Dissecting Series # 2 – Inside the Cushcraft R Series Verticals Black Box**

**August – What Makes the Best Antenna?**

**September – HF Receiver Basics – S9 Band Noise**

**October – Broad-banding – Nittany Lions Style**

**November – Recent Trends in Yagi-Uda Design**

**December – Life’s Standing Wave**

## 2018

**January – Patented Antennas**

**February – The Saga of the Full Wave loop Part 1**

**March – (NP)**

**April –Part 2 -- Rectangular and Square Loops – The Quad**

**May – Part 3 – Triangular Loops – The Delta Loop (Note: Part 4 not Published)**

**June – Part 5 – Esoteric Loops of Various Shapes and Sizes – Series Summary**

**July – The CCD Antenna Controlling Standing Wave Current**

**August – The Impedance of Space**

**September – The Illusive Wet Noodle and 200 Degrees**

**October – Antennas-“Where the Rubber Meets the Road”**

**November – Gain – The Final Frontier**

**December –Dissecting Series #3 Coax Specs Part 1**

## 2019

**January – Dissecting Series #3 Coax Elements Part 2**

**February – Small Antennas – Mag Loops Part 1**

**March – (NP)**

**April – (NP)**

**May – Small Antennas – Mag Loops Part 2**

**June – Field Day -- A Curious, Ham Radio Confluence Field Day Antennas and Rigs**

**July – KK5W Field Day Antennas**

**August – Designing a Coil-Loaded (short) Dipole Part 1**

**September – Building a Coil-Loaded (short) Dipole Part 2**

**October – Multi-banding Methods**

**November – - Dissecting Series #4 What’s Inside the SteppIR Vertical?**

**December – All I want for Christmas.....**

## **2020**

**January – Antenna Efficiency (Repeat of June 2016)**

**February – - Working with Aluminum .....using an element to build elements**

**March – Wire – Simply Wire**

**April – Amazing Things We Take for Granted**

**May – Antenna Insulators -- The Work Horse of Different Colors**

**June – - A Lesson Learned (and Well Taught)--EFHW**

**July – A Fool for the (noisy) City -- A cursory look at ‘receive only’ antennas**

**August – The Amazing Depths of Radio and.....Dedicating yourself to your hobby**

**September – SWR – The Coax Z to Antenna Z Disparity**

**October – (NP)**

**November – Chokes, Baluns and Transmission Line Transformers**

**December – Looking back at 2020**

## **2021**

**January – A Brief Look, Way Back, in Amateur Radio**

**February – Before the Nano VNA....**

**March – Return Loss(?)**

**April – NEC and The Smith Chart**

**May – SWR -- Last Gas For Cycle 25 – A plea for more 5%’ers**

**June – The Donut Hole -- Explaining the Propagation during the Rag Chew Net**

**July – Software Tools for your Feedline (Repeat of Feb 2016)**

**August – - Ground – Friend or Foe ?**

**September -- The Fun of Troubleshooting**

**October -- SWR – Scary Watt Readings .....Hey, it’s Halloween. So, trick or treat!**

**November – - Easy (and Free) HF Waterfall Display**

**December -- The Radio Hotel – A Complete Index -- 2014 thru 2021**

**This Radio Hotel Index will be located, and updated annually, on the BVARC Tech-Articles web page. Link to it via: <http://bvarc.org/home/tech-pages/>**