Possibly our best project ever. Build yourself a computer controlled, ie computer tuned, Automatic Antenna Tuning Unit! Simple to make with a professional finish and serious performance!







We borrow a dream! Trent Sampson VK4TI test drives the Icom IC-7400

Uniden compact marvel, UHF CB Radio with built in scanner —the UH-013.

> Peek-a-boo, Oatley kit provides tiny remote surveilance camera



Editorial - Bob thanks you for your fantastic response to our first issue back.

Radio and Communications News opens with a pictorial look at IOTA/IOTI weekend.

Automatic Antenna Tuning Unit - A practical, professional, state of the art, Antenna Tuner.

14 Moffat's Madhouse - Tom explores the changes in Technology and laments the loss of once common services.

Did Bell invent the telephone? Ron Bertrand reports on US doubts.

17 VK3YZRs Impossible Contact with space shuttles STS 58 and STS 65

18 ICOM IC7400 Review - Trent Samson gets to spend quality time with the new Icom radio.

22 Digital Audio Broadcasting - an overview of proposed technology by Bob Padula

25 Microwave DXpedition 2002 - Russell Lemke VK3ZQB and friends chase records in VK4

Modifications Greg Towells reports on mods to AR3000 and Yaesu FT-817

More handy Workshop hints this time from Dan Bartlett VK4TDB

Remembering Radio by Thomas E. King VK2ATJ - theABC celebrations in Centenial Park Sydney

An Introduction to Electroplating using common chemicals and a simple current regulator.

Technically Speaking #8 - Ron Bertrand is back with more insight into the world of radiation.

41 Uniden UHF CB radio - The perfect addition to any long distance driver's dash board!

John Batty looks at a freely available Slow Scan TV program that works off a Computer Sound Card
Another Quickie Antenna design for the experiment-

er uses one piece of wire and a terminated coax lead.
CQ Contest column by Ian Godsil. The summer contest season is nearly upon us - How will you fair?

52 Broadcast Monitor - Bob Padula presents Broadcast
News and DX report for Wireless Listeners

57 27MHz DX Jack Haden returns to report on International DX conditions for the avid CBer. See we did listen to you!

60 Feedback from you the readers. Here is an opportunity to share your comments with others.

We welcome Tom Sundstrum back after a long break to tell us what's happening on the internet.

Vintage Radio - Roger Johnson makes a return to Radio and Communications Pages.

John Batty reviews the Ultra Shortwave Handbook - a nostalgic look at UHF Oscillator Technology in valve times.

71 The Kortz Repeater Identifier/Controller comes on a tiny PCB and features flexibility!

72 Oatley Electronics presents the 2.4GHz TV Transmitter and Receiver Modules. (while Bob makes plans to launch it!)

75 The Radio and Communications Crossword Puzzle to get you thinking between scheds!

76 Ionospheric Prediction Services present the propagation charts for November

Radio and Communications Reader's Classifieds are open to all readers not just subscribers.

80 Last Word. John Kolm's look at the status of inflight technology