



Oleg Dounaevsky

אולג דונאיבסקי

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קורות חיים

EDUCATION:

1974-1979: MSEE degree from Radio-technique institute of Taganrog, Russia.

EMPLOYMENT POSITIONS AND ACCOMPLISHMENTS:

December 2018: HUMAVOX – RF design engineer. High power RF rectifier 915MHz ISM band for wireless batteries charging.

April 2017 – September 2018: ORIGINGPS – RF engineer. Customer support for designs with GPS modules. Design of boards for IOT module with GEMALTO cellular module, GPS module, sensors and power management. Design of evaluation board for IOT module.

April 2015 – March 2017: TerraLabs incubator – EAGANTU – RF design engineer. Design of RF parts (filters, diplexers etc.) inside of chips substrates with HFSS. The use of LTCC technology.

December 2011 – March 2015: VISONIC a TYCO Company – RF design engineer. Design of small range two-ways transceiver for security applications with portable antennas. Production and ATE support. Processing of EDVT and compliance for standards.

August 2009 – October 2011: Javelin Innovations (former VYYO) – RF design engineer. Design of 17A AC current passive splitters, power inserter and couplers 5 MHz - 2.75 GHz.

November 2008 – September 2009: TECHNION – Israel Institute of Technology. RF design engineer and researcher in temporal position. Design of 100MHz – 2GHz receiver for the project: “Efficient sampling of sparse wideband signals”.

March 2008 – October 2008: CELLVINE – RF engineer. Cellular repeaters modification and testing.

May 2001- January 2008: XTEND Networks company, from June 2004 part of VYYO company (as result of acquisition) – RF design engineer. Design of high current passive splitters from 5 MHz to 2.75 GHz. Design of up-down-converter of DOCSIS DS and UPS for the band 1.25-2.75 GHz. Design of low distortion class AB power amplifier with 30dBm output and stripline triplexer in ROGERS laminate. RF modules integration in the cable and optical fiber networks.

May 2000 – April 2001: Texas Instrument Broadband Division (Israel) – RF engineer. Participation in reference design of DOCSIS cable modems, verification and testing processes.

March 1996 – April 2000: APTEL-telecom company, from January 1998 after merger with NEXUS telecom-location company – RF design engineer. Redesign of receiver RF board and design of RF part of BPSK transmitter for Spread Spectrum-Direct Sequence automatic meter reading in 915 MHz ISM-band.

January 1995 – March 1996: MATAN Communication company – RF engineer. Development and production support of VHF transmitters, pagers and variety of small projects for wireless water control and electronic security equipment.

January 1994 – January 1995: Telecommunication company TELEMUSIC: Technician. Repair of TV set-top boxes.

Period of temporary employments is due to change of citizenship.

October 1979 – August 1991: Electronic Countermeasure Research Institute, Donetsk, Ukraine – Microwave design engineer. Design of filters, matching circuits and amplifiers in the band of 0.1-5 GHz.

EXPERIENCE:

Design of filters, di-triplexers, low noise and power amplifiers, baluns and antenna matching of circuits for the band of 0.1-5 GHz. Design of receivers and transmitters. AGC loop and

Spread-Spectrum techniques. High-speed ECL logic. Receiver and transmitter link budget in EXCEL. Design from scratch of complex telecom devices. RF boards routing. Active, passive circuits and EM simulations. RF and real time measurements: network and spectrum analyzers, oscilloscope. Transfer from design to production and support for new products introduction.

PROFESSIONAL SKILLS:

Eagleware GENESYS, ANSOFT Designer and HFSS, CST, KEYSIGHT ADS (Analog/RF) and PSPICE simulators. ORCAD Capture CIS, ALTIUM and ORCAD Layout PCB routing of RF boards. LPKF prototyping. Visual C++ on basic level.

PATENTS: US 9,077,309B2; US 7,138,886B2; US 7,904,932B2.

פרטים אישיים : לידה 1956, רוסיה, עליה : 1992

שפות : רוסית שפת אם, עברית טובה, אנגלית טכנית טובה מאד.