

Vertically Integrated Technology Company

AVCOM of Virginia is a vertically integrated technology company with 30 years of experience in the design and manufacture of commercial high quality spectrum analyzers and signal monitoring products in the USA. Founded in 1976, AVCOM initially provided the SATCOM industry with our PSR-3 Satellite Receiver. Continued innovation and development of technology has enabled us to now offer a wide range of spectrum analyzers for the Broadcast, Teleport, Defence, Aerospace, Wireless, and Oil & Gas communications market segments.

AVCOM has succeeded in becoming a valued partner with our customers by listening and responding to their requirements, exceeding their expectations, and generating advanced solutions for small and large projects. Our team's ability to provide solutions to unusual requirements was successfully repeated throughout our history and has led to several patents. It is this resourcefulness, innovation, and experience that has established AVCOM's reputation as a recognized leader, and we remain committed to providing our customers and partners, worldwide, with the very best solutions.

Radio Frequency Spectrum is undergoing a huge shake-up with changes in frequency spectrum allocation being made due to the progress of 5G technologies. Having tools and abilities to identify, monitor and track these changes in the RF spectrum are essential to "spectrum survival" in the future.

AVCOM's Team is providing the right solutions for the coming age of radio frequency spectrum changes. Our innovative products of spectrum analyzers and satellite beacon receivers are enhancing the engineer's capabilities to identify, and manage their prime mission within the radio frequency spectrum.

New and innovative products

Hybrid swept-tuned and FFT technology provides performance and reliability for a cost effective price. The EVO-RSA-6070A provides the user with the tools to identify, monitor and record radio frequency spectrum in a continuous manner over the 70MHz to 6GHz range of frequencies.



Accuracy, ease-of-use, reliability, are some of the important attributes of AVCOM COTS (Commercial-off-the-Shelf) spectrum analyzer and beacon receiver products. With innovative features, such as Tune-Power-Tracker, our beacon receiver has been integrated into the most sophisticated antenna controllers and Monitoring-and-Control systems around the globe. We've been in business for over 40 years and we have the know-how to make your mission successful when it comes to RF analysis.

We have the experience of working with all the satellite carriers, as they have depended upon AVCOM's team to provide their facilities with the capacity to identify, monitor, track and record their vital transponder traffic 24/7 x 365 days worldwide. AVCOM has become the trusted brand name, with organization behind it, to offer this unique set of attributes to their customer, and their customers' customers....



Most major carrier teleports and many remote sites have trusted AVCOM with the analysis and maintenance of their RF carriers and signal traffic. This list is too long but news gatherers, video content providers, data traffic, governments, military, emergency response and the scientific communities are all dependent on AVCOM spectrum analyzers for their RF systems.

And you'll get the same reliability and accuracy from our new products as users have been used to in our legacy products.



Our innovative graphical user interface software and application protocol provide convenient and secure access to, and control of, the analyzer and beacon receiver hardware products. The software is free and unlicensed. There are no additional software keys or options required to fully utilize the analyzer functions and features.



Our support of customers' product requirements and ongoing operational maintenance is unparalleled. AVCOM have a reputation worldwide for being the trusted partner when it comes to RF spectrum analyzers and monitoring systems.

We have worked with every type of monitor and control software system supplier to provide the end-customer with the most cost-effective, accurate and dependable system available on the market today...and for tomorrow.

Some of the Application Areas AVCOM has been supporting for many years are

- Aerospace and Avionics Telemetry, Satellite Communications; Tracking, Telemetry and Control (TT&C), Smallsat, imaging, ISR, sensing.
- Avcom products are relied upon by commercial and government entities worldwide; defense, VSAT, DTH, Broadcast TV and Radio, UAS, Inflight entertainment.



Product test and burn-in is performed exclusively at the AVCOM facility for quality control.

AVCOM burns-in every product shipped for 24 hours.

We back up that product with superior rapid response in customer support, should there ever be any need to contact us for anything before it's time for calibration. Our warranty is 1-year and we back it up. We recommend an annual calibration for all our products.

AVCOM analyzers and monitoring systems are found in many antenna systems, teleports and earthstations worldwide.

