



The spectrum analysis with GNSS datalogging

With our high tech measuring equipment from Anritsu Aucon is able to do spectrum analysis with interference measurement, power meter, interference hunting to find out locations were GNSS jammers are working. Combined with GPS datalogging we could also provide long term measurements with date, time, position and quality of the measured signal coming in. Building up a stationary GNSS control station we are able to detect gns jammer e.g. on airports. The analysis could be done over IP.

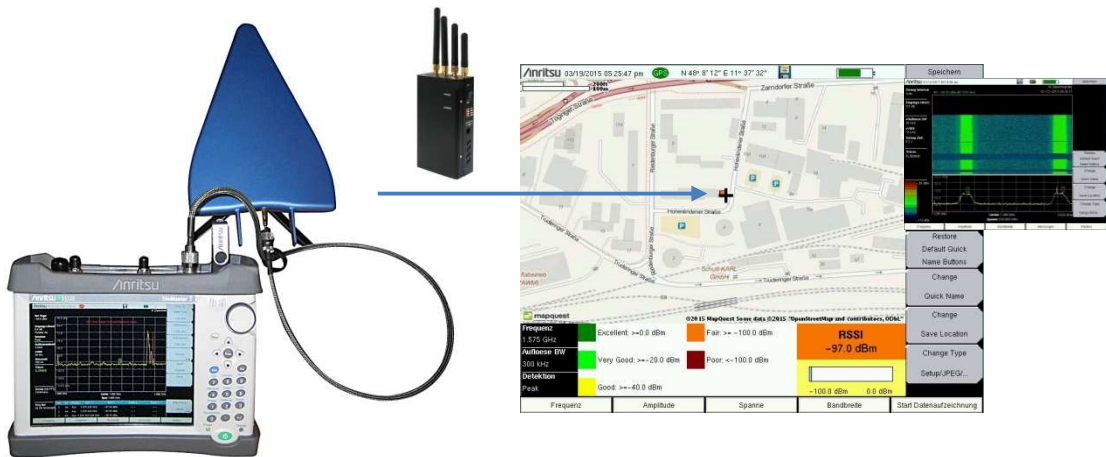


Abb. shows an Anritsu Analyser with software for interference hunting with a waterfall diagram

GNSS signal generator or simulator

is used to create static and dynamic GNSS simulation scenarios and trajectories. Arbitrary positions all over the world could be simulated. GPS Signals could be jammed, spoofed or faked.

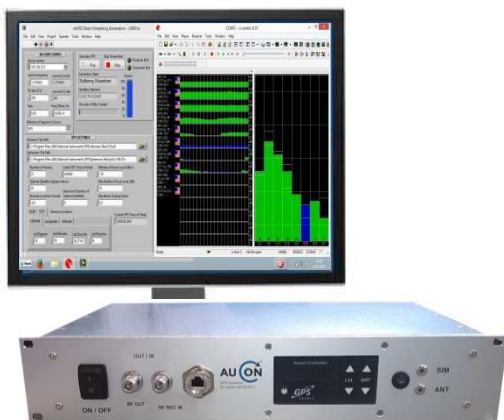


Abb. shows our 19" L1-Band simulator with control by NI Labview



Adaption of products COTS vs. MOTS

We believe that in most GNSS based applications it is important to find out economically and forward-thinking solutions within a short time. Therefore a lot of applications could work with COTS products but could also be adapted in short (MOTS). Expensive long-term development is not necessary in many cases!

GPS indoor signaling for transport aircrafts

For calculation of trajectories regarding material or parachutists we are offering gps repeaters for installation in an aircraft. In this case the onboard GPS antenna or a second antenna which comes with the repeater-kit could be used.



Abb. shows gnss repeater for GPS L1 and L2 in a Lockheed Martin C-130 Hercules

Mobile GNSS testing systems

for ground tests in military aviation e.g. for Panavia Tornado, Eurofighter etc.



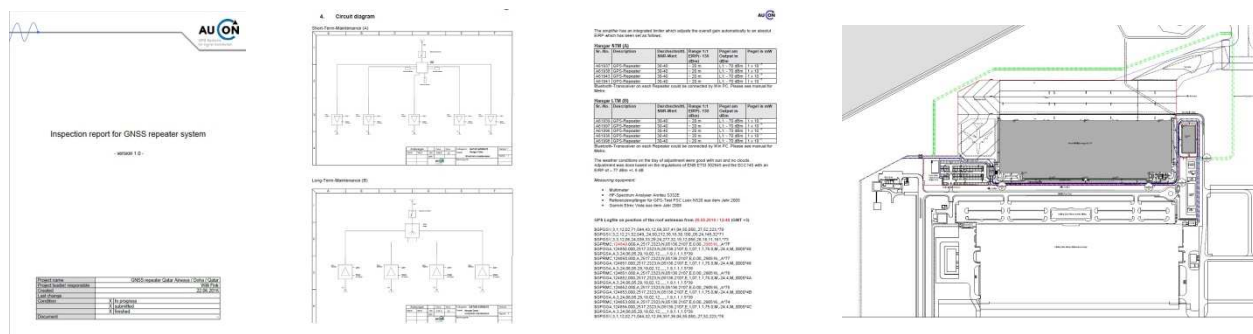
Abb. shows our production of avionic test systems within our facility



Abb. shows an EMI repeater hood



Services and more



Aucon`s extensive service offering includes:

- Consultation, site design, configuration and diagnostic services
- On-site inspection
- Product and installation/ maintenance trainings
- Licensing for GNSS repeaters in europe
- Program development (Non-Recurring Engineering)
- Extended hour customer service support (international markets)
- Short-Run manufacturing
- Project management services
- GNSS Troubleshooting techniques
- Detailed documentation

Please contact our sales if you have any questions regarding sales and technical services.

Support contracts and warranty extension

Besides our classic support contracts with an inspection after 12 or 24 month AuCon also offers a waranty extension up to 5 years for his GNSS products.

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