ARCH-60

Radiation Pattern Scanner

Camera
Antenna
• Signal Generator
• RF Detector
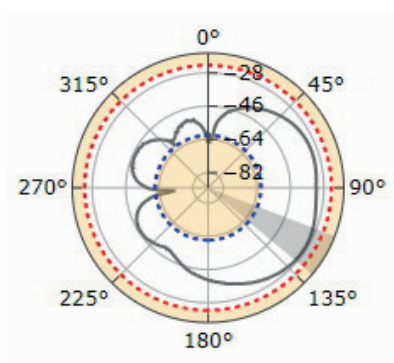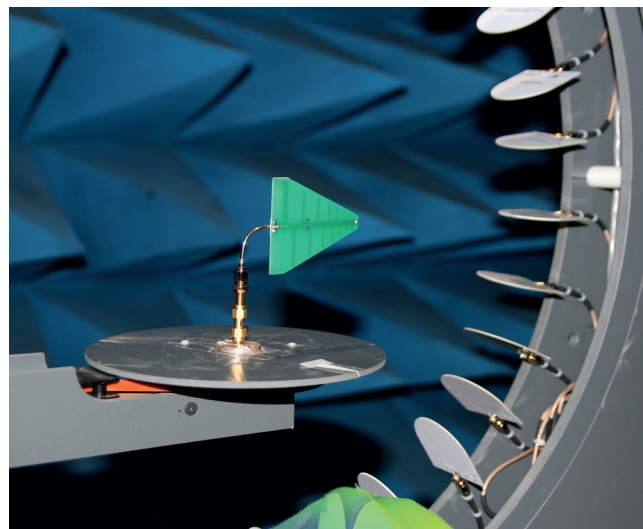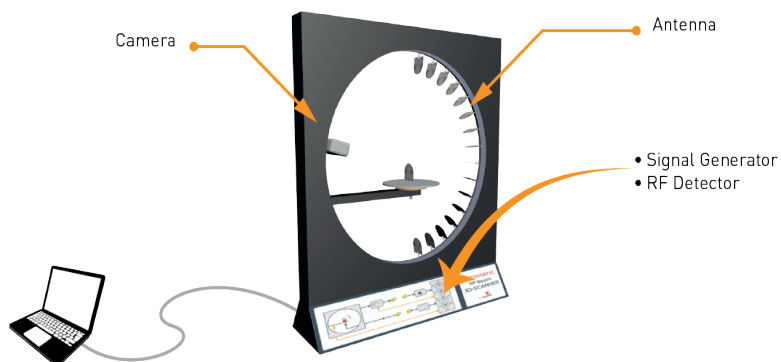

PRESENTATION

This mapping system makes it possible to quickly and autonomously obtain a radiation pattern of an antenna or any radiating device (IoT).

By coupling a spectrum analyzer or a VNA, it is also possible to directly obtain the frequency diagram.

FEATURES

- Diameter: 60 cm
- 16 Omni. antennas: 1.8 to 6 GHz
- 1 RF Generator: 12.5 MHz to 6.4 GHz
- 1 RF Detector: 12.5 MHz to 6.4 GHz
- 1 Switch 16 -> 1
- 1 Turntable
- 1 Camera

APPLICATIONS

- Teaching EM radiation.
- Comparison, Simulation & Measurement
- Development of specific antennas
- Test results with the Online Viewer
- Automatic PDF report generation
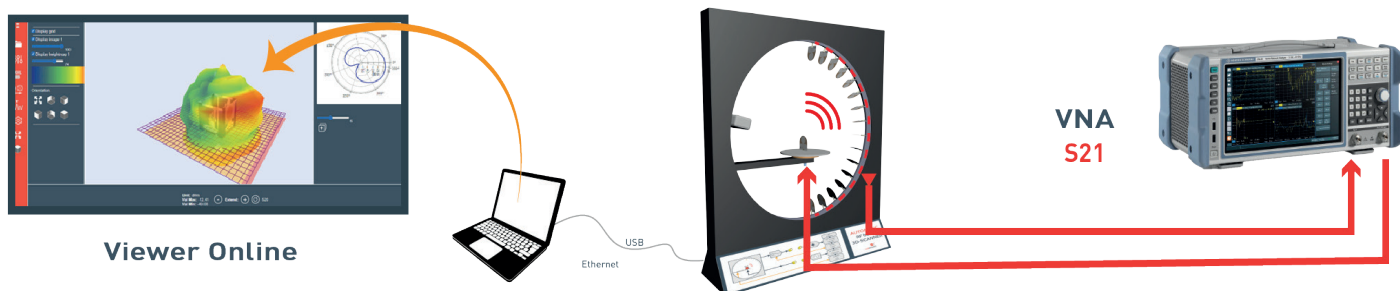- Data .lxd compatible Viewer Android...

LUXONDES
See the electromagnetic waves

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Radiation Pattern Scanner

APPLICATIONS WITH YOUR INSTRUMENTS

The arche-60 is an open system that allows you to connect an external generator for RF transmission and for reception, a spectrum analyzer* or a VNA*.

* Contact us (list of compatible devices)

Viewer Online

VNA
S21

Device under test

TEST RESULTS

The online viewer (also available as standalone) offers:

- 3D visualization of the radiation pattern of the DUT

- Display of sections (16) in radar format
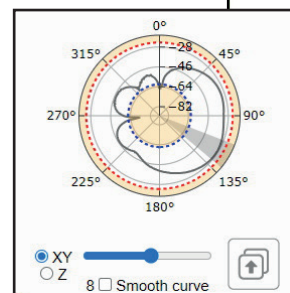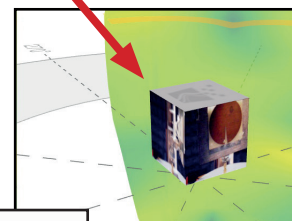
- Data export

View an example here.

Chart in the format radar

FURTHER INFORMATION

https://www.luxondes.com/en/an_arche/

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