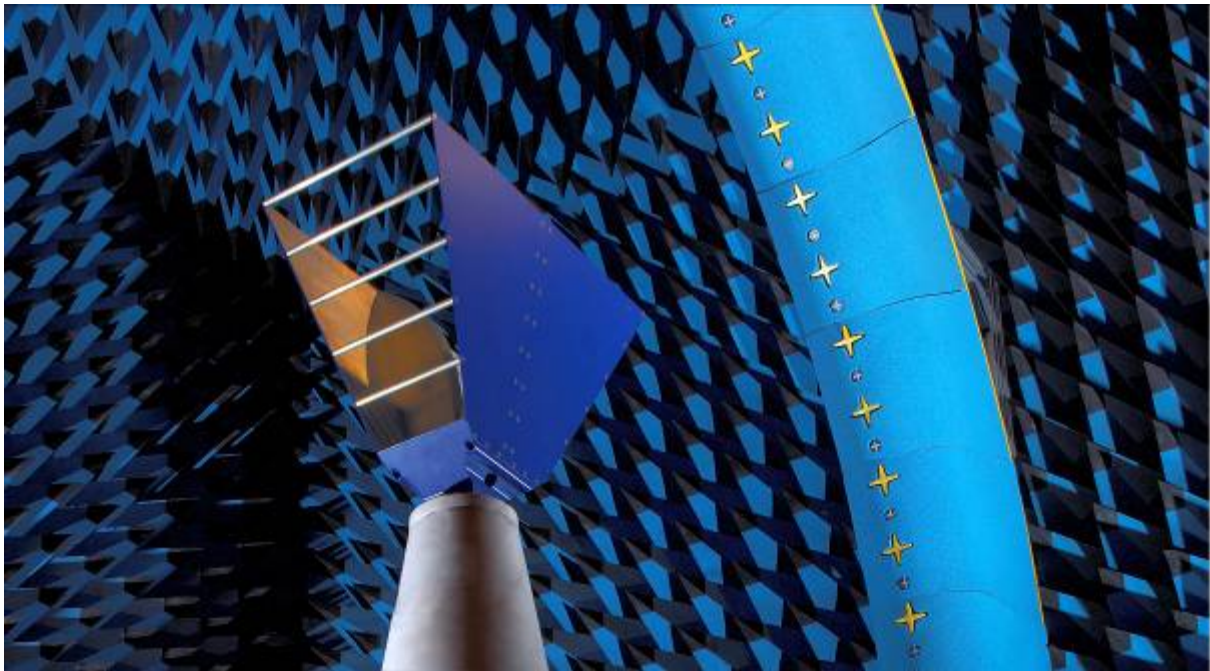


# Measurement Services: Facility Description



Test system: SG 64

Location: 17 avenue de Norvège, 91140 Villebon-sur-Yvette, France

## MEASUREMENT CAPABILITIES

- Antenna**
  - Gain, directivity, beamwidth, cross polar discrimination, sidelobe levels, 3D radiation pattern, Radiation pattern in any polarization (linear or circular), antenna efficiency, either in transmit or receive mode.
- OTA**
  - Total Radiated Power (TRP), Total Isotropic Sensitivity (TIS), Effective Isotropic Radiated Power (EIRP), Effective Isotropic Sensitivity (EIS), GPS sensitivity (TIS, UHIS, PIGS, ICD)

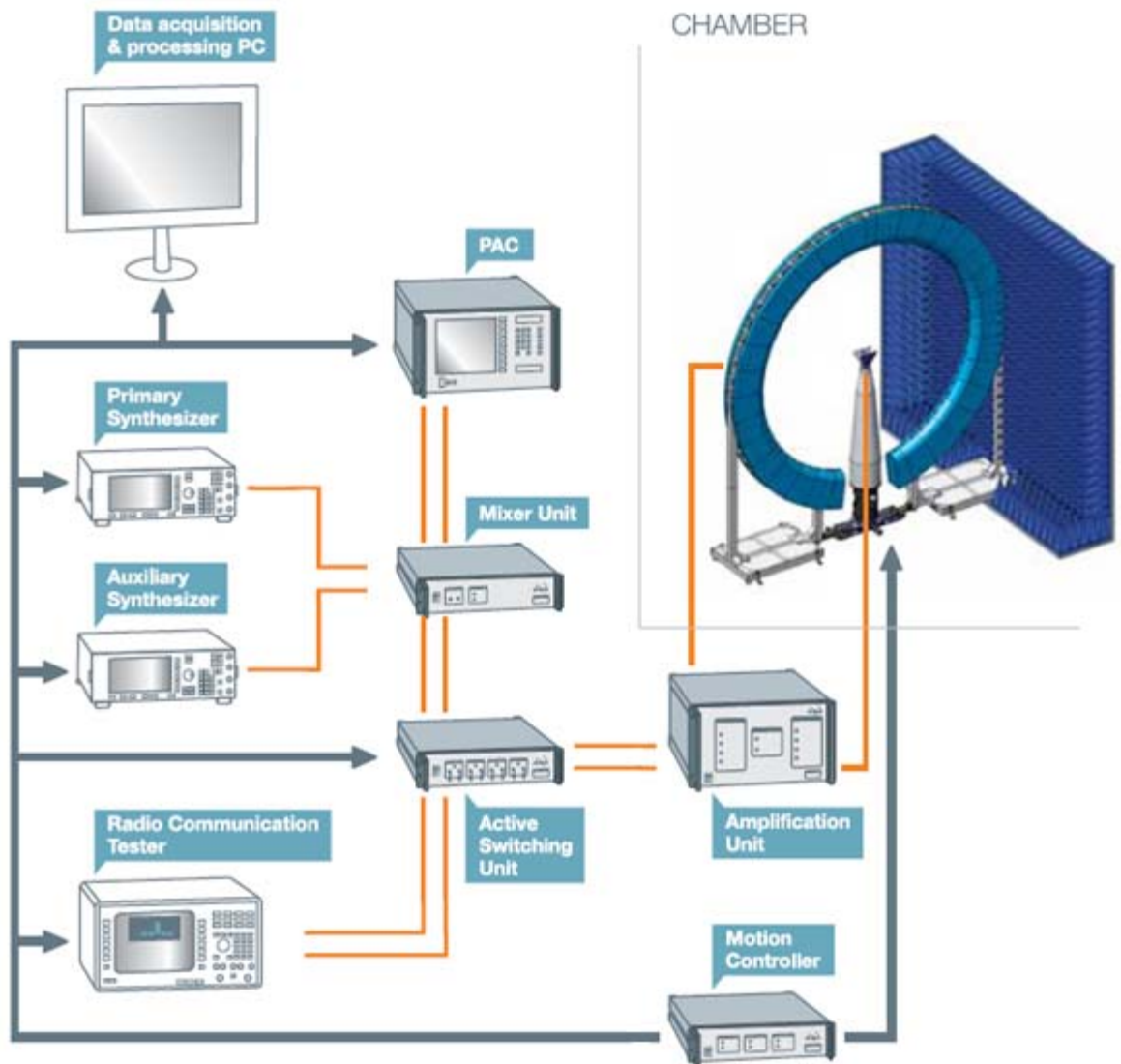
Model	Frequency Range	certifications			
		CTIA <sup>1</sup>	A2LA/ NIST	ISO 17025	ISO 9001
SG 64 standard 18 GHz*	0.4 to 18 GHz	⊖	-		√

√ Compliant      ⊖ Comparable, for pre-test only      - N/A

\* For further indications on system performances, please consult our Antenna Measurement and Radome Test Systems catalog (multi-probe technology)

<sup>1</sup> CTIA comparable (but not certified) measurements for GSM, CDMA and WCDMA Over The Air (OTA) Total Radiated Power (TRP) and Total Isotropic Sensitivity (TIS) measurements.

## SYSTEM OVERVIEW



- Only Azimuth rotation required to perform a full 3D measurement
- Universal masts available for easy mounting
- Broadband reference antennas
- OTA hardware equipment available (head phantoms, positioner...)

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