



**BUREAU
VERITAS**

ANATEL BRAZIL TELECOMS CERTIFICATION

GLOBAL R&D TEST / MANAGEMENT • LOCAL CERTIFICATION

BUSINESS CHALLENGE

Manufacturers and distributors of equipment for the Brazil wireless / telecommunication industry face complex and demanding regulations on quality, performance and end-user security as well as systems interoperability. To access this market, all wireless / telecoms equipment must be tested and certified in Brazil. But with new technologies, many products typically undergo extensive pre-compliance testing to iron out any bugs, who can you partner with that has a global footprint including fast and effective access to Brazilian certification?



ANATEL SCOPE / REQUIREMENTS

Cat.	Product Scope	Certification Requirements	Certification of Conformity
I	End User Terminals: Mobile phones • Satellite phones • VOIP phones • Mobile phone batteries • Mobile phone charging cables • Phone signal cables • Modems	<ul style="list-style-type: none"> Laboratory Compliance Testing ISO 9001 Certification / Certification Body Factory Assessment Technical Review / Certification Annual Re-evaluation (Simplified Lab Testing) 	With System Quality Evaluation
II	Signal Transmission via Radio-electrical Spectrum: TV and radio antenna, receivers and transmitters • Wifi equipment • RF automation devices	<ul style="list-style-type: none"> Laboratory Compliance Testing ISO 9001 Certification / Certification Body Factory Assessment (if multiple manufacturing plants) Technical Review / Certification 2-yearly Re-evaluation (Document Review) 	Based on Type Analysis and Periodic Evaluation of the Product
III	Accessories: Optical fiber cables • Cable connectors • Mobile network signal transmitters	<ul style="list-style-type: none"> Laboratory Compliance Testing Certification Body Certification 	Based on Type Analysis

MARKET ACCESS COMPLIANCE SERVICES

R&D / Compliance Product Testing

- Regulatory:** EMC • Electrical Safety • SAR • Radio Frequency
- Conformance:** 2G • 3G • 4G/LTE Bluetooth • NFC • WiFi
- Quality:** Reliability • Performance

Certification for Global Acceptance

- Market Access:** CE marking • FCC • TCB • IC • CCC • BSMI
- Industry Interest Group:** GCF • PTCRB • WiFi Consortium • Bluetooth SIG • Car Connectivity Consortium
- Customer Recognition:** Carrier / Network Operators • Retailers • Manufacturers' Accessory Programs

Consulting

- Market Access** Requirements
- Radio Technology** Issues
- Eco-design**
- Test **Specification Development**

Inspection, Audit & Assessments

OUR APPROACH



NCC, established for around 15 years and a Bureau Veritas Group Company, is **the leading** certification body in Latin America for wireless / telecoms products under Brazil's Anatel Scope.

We provide the necessary information to verify that manufacturers, distributors and the products meet the requirements and can compete with quality differentiation in the market.

Working with our global laboratory network and experienced market access professionals, we can provide a seamless service to achieve R&D test support and project management globally as well as fast and effective Brazil verification testing / certification. Our International Approvals Team can additionally support global market access needs.

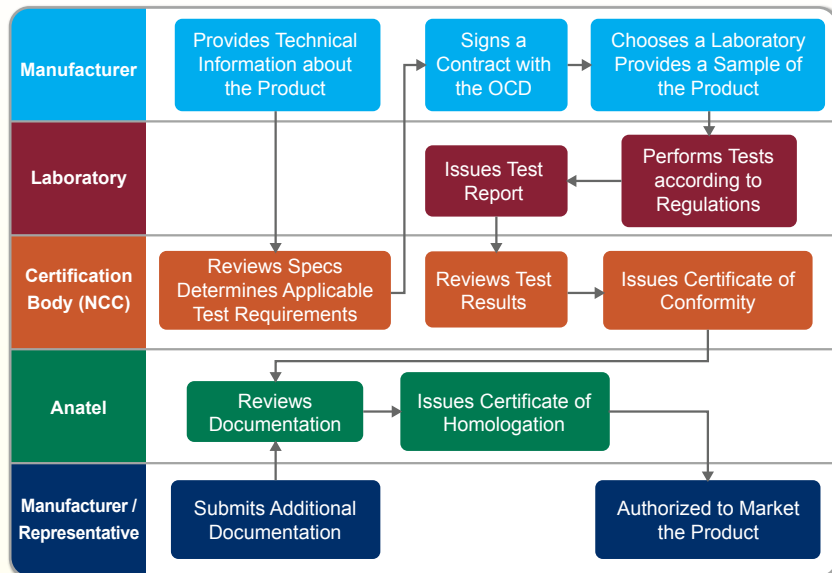


OUR SOLUTION

Comprehensive Certification Scope:

- Cellular: Smartphones • Cell Phones
- Radio: Repeaters • Transceivers • Cordless Phones
- Accessories: Antennas • Batteries • Battery Chargers • Cables • Connectors • Wireless Cards
- Fixed Telecommunications: Networking Equipment • Modems • IP Phones

Pre-Compliance Support: Our wide range of wireless / telecoms laboratories in the U.S., Europe and Asia can provide R&D test and engineering support for Brazil from pre-compliance testing as well as international approvals management placing products on over 150 countries worldwide.



Dedicated Project Managers: Our dedicated project managers enable us to speak with you in your own language and in your time zone, supporting you throughout your project to gain acceptance for your products.

OUR VALUE



Brand Reputation

Leading wireless / telecoms certification body in Brazil. Recognition from global telecoms carriers and brands



Global Footprint

40+ countries backed by 12,000+ qualified professionals with domain knowledge



Technical Leadership

Lead numerous key industry working groups. Proven fast technology adoption process. Participate and lead wireless / telecoms forums



Personalized Service

Customized and specialized services to meet your quality assurance needs throughout your supply chain

FAQ

Do I need to update my certification following software updates?

No, products that receive Anatel homologation currently do not require further testing and regulation after software updates.

How can your global labs support when Brazil requires in-country testing and certification?

Due to complexities of technologies & changing standards, many radio and telecoms products can fail pre-compliance testing. Bureau Veritas has labs in USA, France, Germany, China, Korea and Taiwan who can assist with R&D / pre-compliance projects, project management as well as global market access requests supporting fast and effective market entry.

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