

# NV8300 series Transmitter FCC Certification Application

## NV8306V TRANSMITTER EXTERIOR PHOTOGRAPHS

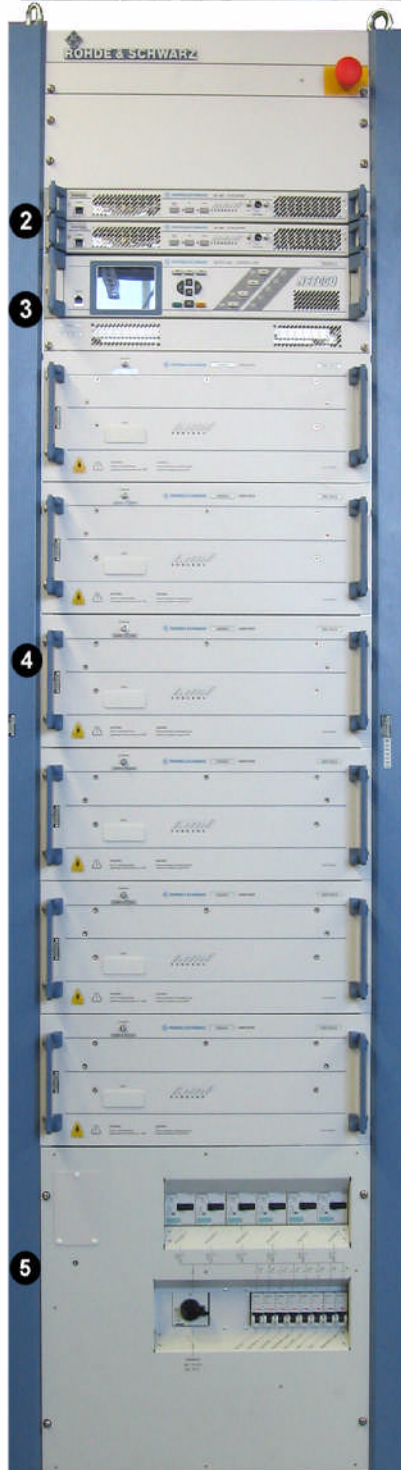
### NV8300E/V OFDM / MediaFLO Transmitter

NV8301E/V 0.3-KILOWATT TRANSMITTER  
NV8302E/V 0.6-KILOWATT TRANSMITTER  
NV8303E/V 0.9-KILOWATT TRANSMITTER  
NV8304E/V 1.2-KILOWATT TRANSMITTER  
NV8305E/V 1.5-KILOWATT TRANSMITTER  
NV8306E/V 1.8-KILOWATT TRANSMITTER

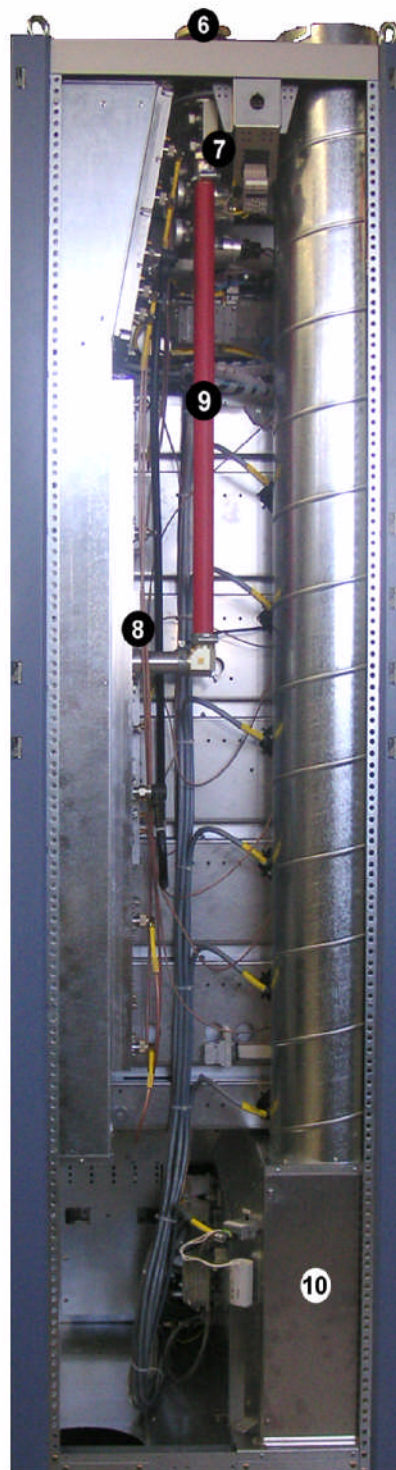


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Transmitter "Roof"



Transmitter Front Elevation View



Transmitter Rear Elevation View



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- 1) *Connection panel*
- 2) *Exciter*
- 3) *Transmitter control unit*
- 4) *Output stage*
- 5) *Power distribution*
- 6) *RF connector*
- 7) *Test lightning protection system*
- 8) *Splitter/combiner unit*
- 9) *Harmonics filter*
- 10) *Intake box (fan)*

The NV8306 consists of the following units and modules:

- Power distribution
  - Main switch
  - Motor protection switch
  - Automatic line fuse
  - Power distribution board
  - Auxiliary power supply
  - Optional socket
  - Grounding bolt
- Transmitter control unit components
  - NETCCU®
  - Rack controller
- Connection panel
- Exciter unit
  - Exciters (1 or 2)
  - Exciter switch (in case of standby exciter)
- Output stage unit
  - Splitter
  - Amplifiers (1 to 6)
  - Combiner
  - Absorber
- Harmonics filter
- Test lightning protection system
  - Lightning protection
  - Directional coupler
  - Test interface
- RF Connector
- Cooling system
  - Air intake and exhaust duct
  - Fans (2)
  - Starting capacitor (2)
  - Differential pressure gages (2)
  - Temperature sensors (2)
- Transformer (optional)

