

EM1576

USB to RF Stick



Long Range USB Transceiver Stick

Features:

- Frequency range: 858 – 878 MHz
- EIRP¹: 15 dBm
- Modulation: FSK, OOK, LoRa
- Integrated chip antenna
- Bidirectional data transfer
- Data rate up to 300 kbit/s
- Powered by USB
- Simplified operation, Virtual Com Port is used
- Able to receive data from various stations simultaneously
- Simplified GUI, tested on Windows 10
- Operation modes:
 - Demo
Send/receive data in binary (hex) or text (utf8)
 - Production:
Data transmission over serial interface or USB, API (and example code) are provided on request
 - Production certified
According CE/ETSI, output power and duty cycle fixed

Applications:

- Monitoring of wireless devices
- Troubleshooting in the field
- Debugging RF data in development phase
- Industrial monitoring and control
- Data transmission in industrial buildings
- Machine-to-Machine Communication (M2M)

Options:

- Spectrum analyzer mode
- Extended frequency range (824 – 960 MHz) or other bands



¹ EIRP (Equivalent Isotropic Radiated Power) := Output Power (19 dBm) × Antenna Gain (-4 dB).