



DISH Over-the-Air Signal Meter

Helps you install OTA antennas and get the best TV signals.

Factors that affect OTA signals:

- Distance from OTA TV broadcast tower
- OTA TV broadcast tower power levels
- Terrain factors affecting line-of-sight to broadcast tower
- Objects near OTA TV reception antenna
- Weather conditions

Simplify OTA installations:

- Determine whether a location can receive OTA TV signals
- Fine-tune the placement of the antenna for optimal signal strength and quality

Also measures QAM signal strengths for multiple-dwelling environments

Easy-to-Use

The OTA Meter wirelessly communicates with the DISH OTA Signal Meter app, giving you real-time signal measurements from your OTA antenna.

App and Mobile Device Requirements

- The DISH OTA Signal Meter app is required to use the OTA Meter.
- iOS and Android apps must be downloaded from the DISH Mobility Market.
- Minimum 7.0 Android OS version / 10.0 iOS version required.
- DISH Indirect Sales Partners must use DISH Portal username and password.

What's Included

- 4AA (1.5 V) batteries
- Product information card



Product Connections

Antenna Input Coax Port: Connects to the OTA antenna and measures signal power and quality.

TV Coax Port: Connects to a TV or receiver and displays live TV signals

USB Type C Port: Can be used as a backup power option for the meter by connecting an Android phone or 5V power bank, or to provide power to the antenna’s amplifier via an Android phone or portable 5V or 12V power bank.

Technical Specifications

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| Unit Weight | 0.75 lb. (w/ batteries) |
| Unit dimensions | 7.68 in. L x 3.78 in.W x 1.11 in. D |
| Operating Temperature | -10 ⁰ to +50 ⁰ C (14 ⁰ to 122 ⁰ F) |
| Environmental Rating | IP-66 |
| Voltage | 6.0 VDC (4 x 1.5V) |
| Batteries | 4 AA |
| Battery Power Time | 6 hours operating / 30 hours standby |
| External Power Sources (Power to Meter) | +5.0 V DC nominal, 6.0 V DC Max (Portable Power Bank or Android Phone) |
| External Power (Power to Antenna Amp) | +5.0 or +12.0 V DC nominal, 18.0 V DC Max |
| Bluetooth | Bluetooth Low Energy 4.2 (2.4 GHz) |
| RF Standard | ATSC 1.0 and QAM Annex A/C and B |
| ATSC 1.0 Frequency | 54 - 698 MHz |
| ATSC 1.0 Input Power Level | -10 - 80 dBm |
| QAM Input Frequency | 54 - 860 MHz |
| QAM Input Power Level | +20 to -50 dBmV |
| QAM Annex Frequency | Annex A/C: 7.0 and 8.0 MHz Annex B: 6.0 MHz |
| QAM Symbol Rates | Annex A/C: 2.00 - 7.00 MSym/s Annex B: 5.057 MSym/s, 5.361 MSym/s |
| QAM Constellation | 64/128/256 QAM |

