



## JM-BBP-H4D (UHF Broadband Panel Antenna)

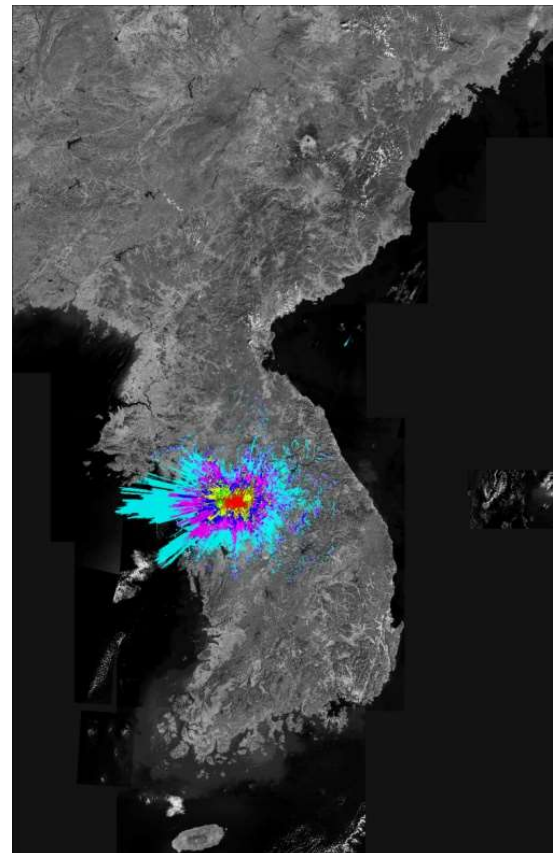
JM's UHF Panel Antenna has excellent characteristics better than VSWR 1.1:1 over whole UHF Band, so even when changing broadcasting channel of broadcasting service provider (such as switching from analog to digital) and when combining multiple broadcast channels the performance is outstanding.

### Key Features

- Measurement and probe for monitor  
Waterproof N female connector, coupling value – within 30dB±1dB
- Electrolytic Cathode Copper element  
Electrolytic Cathode copper element is used to prevent characteristic deterioration and corrosion over time.
- Fiber Glass Radome  
Used a Radome to protect the entire element to prevent changes in characteristics due to pollutants such as snow, ice or pollution. (Leakage hole with a diameter of 10mm is located at the bottom of the snow cover)
- Compact Size  
1070 x 51 x 226mm small size and rounded cover makes installation easy and minimizes wind load.
- JM Provides Antenna Pattern Studies & Precise 3D Mapping Simulation capable overlapping on Google Map



UHF DTV Antenna System in Gwang-gyo Site



UHF DTV Antenna Simulation

### Specifications in brief

Description	Specifications
Frequency range	UHF(470-810MHz Broadband)
Polarization	Horizontal
Return loss	UHF(470-810MHz Broadband) > 26.4dB
Power rating	2.5kW with 7/8" EIA Flange Input
	5kW with 1 5/8" EIA Flange Input
Gain (1Panel)	10.9dB @ 470MHz
Panel input impedance	50Ω
Panel front-back ratio	Better than 15dB
Max. wind load	60m/sec
Lightning protection	DC Grounded
Weight	12kg