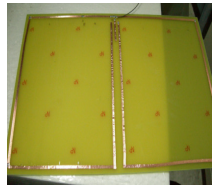


# ACT ANTENNA TOTAL SOLUTIONS

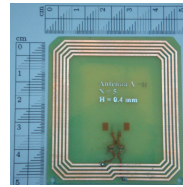
## RFID reader antennas



200 × 200 mm<sup>2</sup> 95 × 95 mm<sup>2</sup> 60 × 60 mm<sup>2</sup>



210\*297 mm<sup>2</sup>



50\*50 mm<sup>2</sup>

### Reference specifications for RFID antennas

SPEC	Circular polarization UHF antenna			HF antenna @ 13.56 MHz	
	200*200 mm <sup>2</sup>	95*95 mm <sup>2</sup>	60*60 mm <sup>2</sup>	210*297 mm <sup>2</sup>	50*50 mm <sup>2</sup>
Size	200*200 mm <sup>2</sup>	95*95 mm <sup>2</sup>	60*60 mm <sup>2</sup>	210*297 mm <sup>2</sup>	50*50 mm <sup>2</sup>
BW (MHz)	800~1050	762~1175	910~960	2	2
Gain	6.2 dBi	-2 dBi	2 dBi	---	---
Range	9~10 m @ 1W	2~3 m @ 1W	2~3 m @ 1W	> 20 cm	> 2 cm
Weight	390 g	85 g	5g		

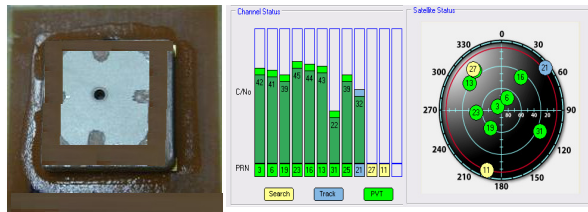
## DTV antenna solutions



Type	Planar dipole antenna
Bandwidth	470 ~ 862 MHz ( Global band )
Size	206 mm × 23 mm × 0.4 mm
Gain	1.9 ~ 2.95 dBi
VSWR	2.5 ( max )
Pattern	Omni-directional
Impedance	50 Ω

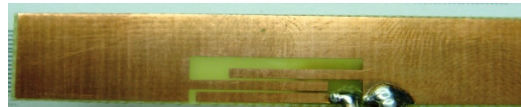
## GPS antenna solutions

### CP SMD antennas

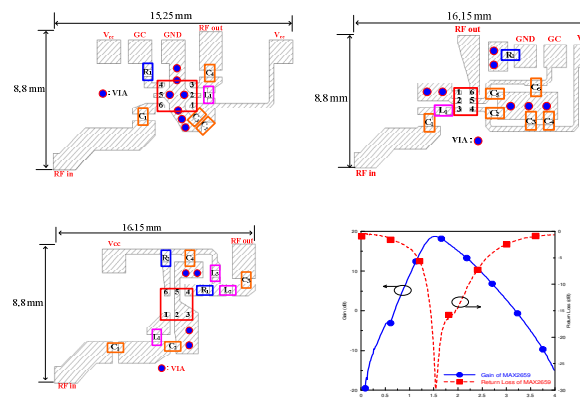


Central Frequency	1.575 GHz
Bandwidth@10 dB	10 MHz (typical)
Gain	1 dBi Max
Polarization	RHCP
Axis Ratio	3dB
Impedance	50 Ω
Operating Temperature	-25~+85 °C

### GPS Printed antennas



Multi-choice of LNA for active antenna upon request



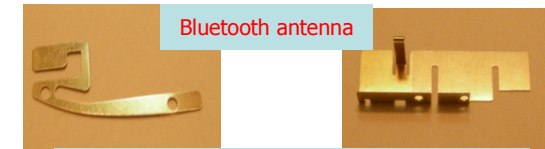
## Ready-for-use in ACT



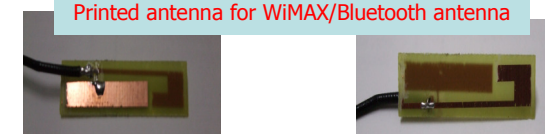
GSM antenna



WiFi antenna



Bluetooth antenna



Printed antenna for WiMAX/Bluetooth antenna