



# Quad-Band Antenna Series

## Model: AW-3C

A combination of both GPS and AMPS antennas that is designed mainly to simplify the need for an AVL or Fleet Management antenna system



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This **AW-3C**, a member of our mobile antenna series coming up with Quad-Band features, is designed to simplify the need for an AVL or Fleet Management antenna systems. It is the combination of high gain GPS, CDMA and WiFi antennas with a low profile and rugged structure.

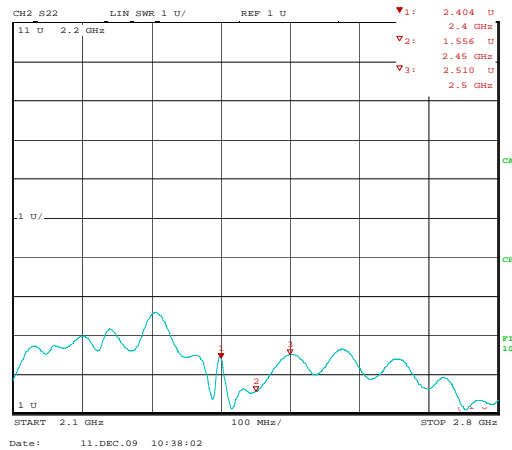
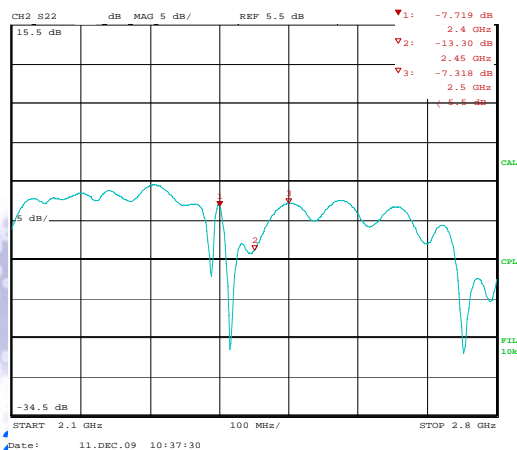
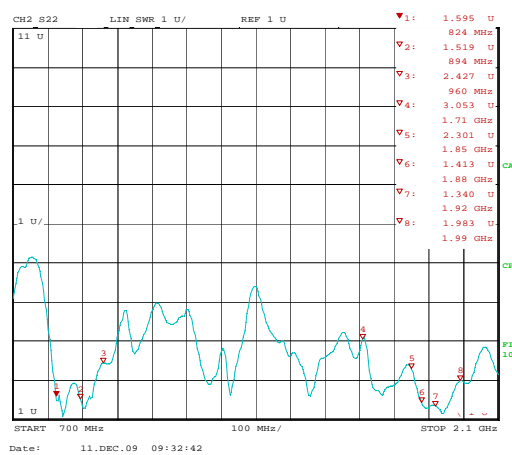
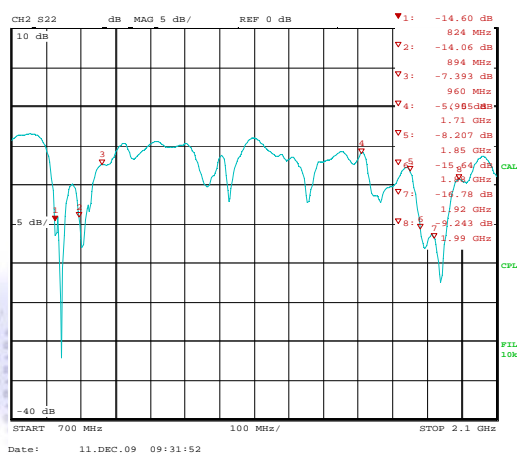
### Specifications:

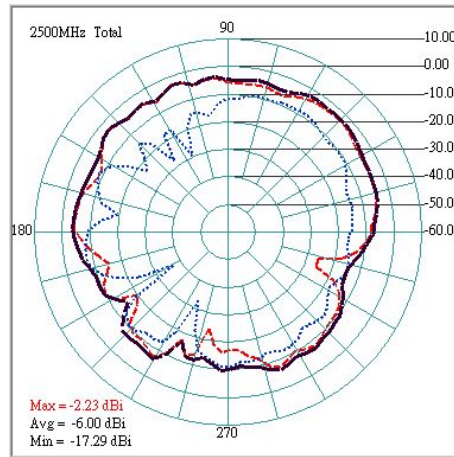
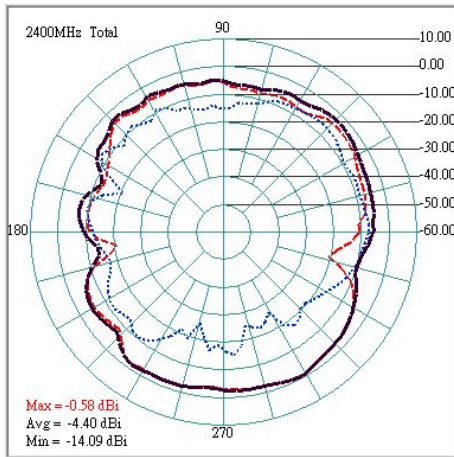
AW-3C SPECIFICATIONS			
	GPS Antenna	Communication Antenna	
<b>Features</b>	Patch antenna with state-of-the-art low noise amplifier	Quad band GSM 850/900/1800/1900 MHz	2.4GHz
<b>Size</b>	64.5mm(D) x 17mm(H)		
<b>Frequency</b>	1575.42 MHz	824 MHz ~ 960 MHz 1710 MHz ~ 1990 MHz	2.4G ~2.5G
<b>Polarization</b>	RHCP (right hand circular polarization)	Linear Polarization	Linear Polarization
<b>Peak Gain</b>	27 dB typically	2.5 dBi	0 dBi

<b>Noise Figure</b>	2.0 Max.	N/A	N/A
<b>Attenuation</b>	20dB min. @ F0+/-50MHz	N/A	N/A
<b>Band Width</b>	2 MHz min	136 MHz for frequency of 824 ~ 960 MHz 280MHz for frequency of 1710 ~ 1990 MHz	100 MHz for frequency of 2.4G ~ 2.5G
<b>VSWR</b>	< 2.0	< 2.0	< 2.0
<b>Impedance</b>	50 ohm	50 ohm	50 ohm
<b>Power Supply</b>	Power Consumption: 2.7~5.5 VDC / 12 mA	Power Handling Capacity: 10 W	Power Handling Capacity: 10 W
<b>Operating Temperature</b>	-40 °C ~ +85 °C	-40 °C ~ +85 °C	-40 °C ~ +85 °C
<b>Storage Temperature</b>	-50 °C ~ +90 °C	-50 °C ~ +90 °C	-50 °C ~ +90 °C

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## Testing Result





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### Additional Document

userdefine

