



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.

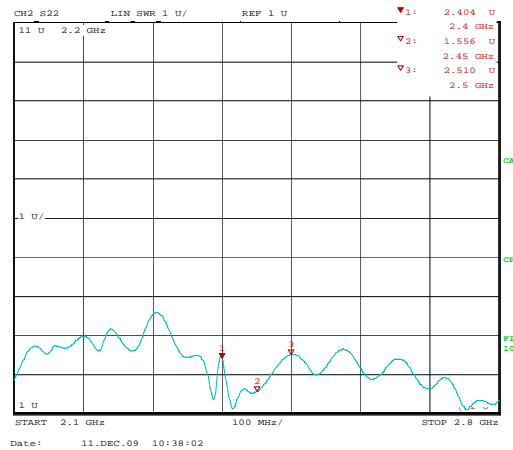
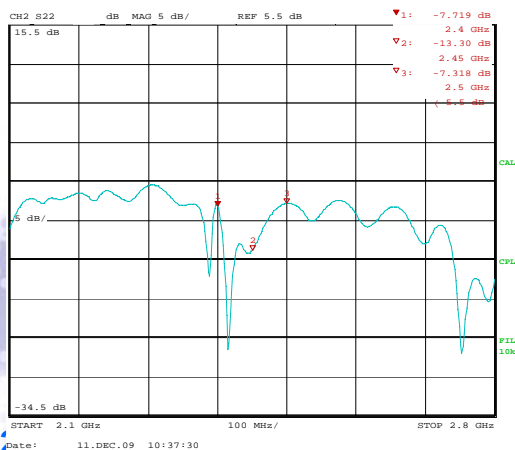
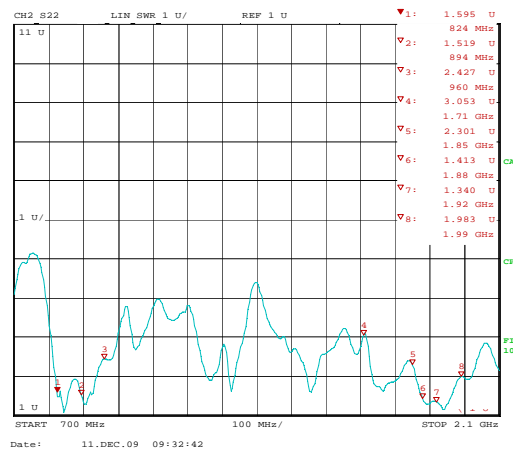
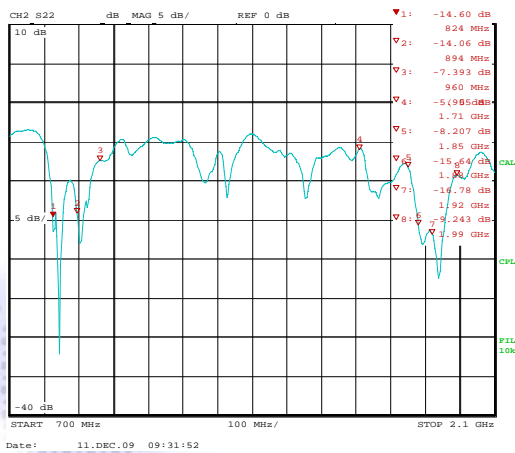
Specifications:

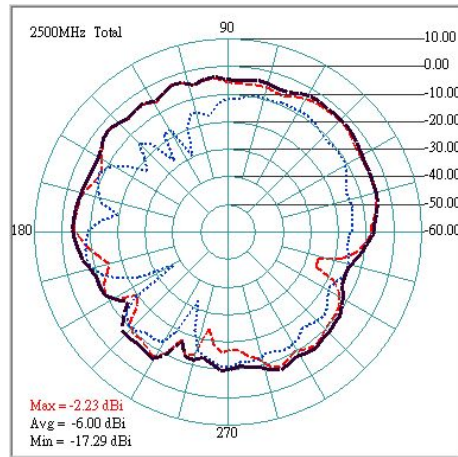
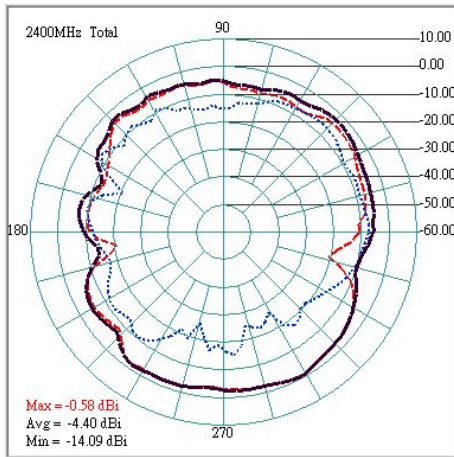
AW-3C SPECIFICATIONS			
	GPS Antenna	Communication Antenna	
Features	Patch antenna with state-of-the-art low noise amplifier	Quad band GSM 850/900/1800/1900 MHz	2.4GHz
Size	64.5mm(D) x 17mm(H)		
Frequency	1575.42 MHz	824 MHz ~ 960 MHz 1710 MHz ~ 1990 MHz	2.4G ~2.5G
Polarization	RHCP (right hand circular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

Noise Figure	2.0 Max.	N/A	N/A
Attenuation	20dB min. @ F0+/-50MHz	N/A	N/A
Band Width	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
VSWR	< 2.0	< 2.0	< 2.0
Impedance	50 ohm	50 ohm	50 ohm
Power Supply	Power Consumption: 2.7~5.5 VDC / 12 mA	Power Handling Capacity: 10 W	Power Handling Capacity: 10 W
Operating Temperature	-40 °C ~ +55 °C	-40 °C ~ +55 °C	-40 °C ~ +55 °C
Storage Temperature	-45 °C ~ +55 °C	-45 °C ~ +55 °C	-45 °C ~ +55 °C

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Testing Result





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Additional Document

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