

안테나



안테나 사진

EM Tech


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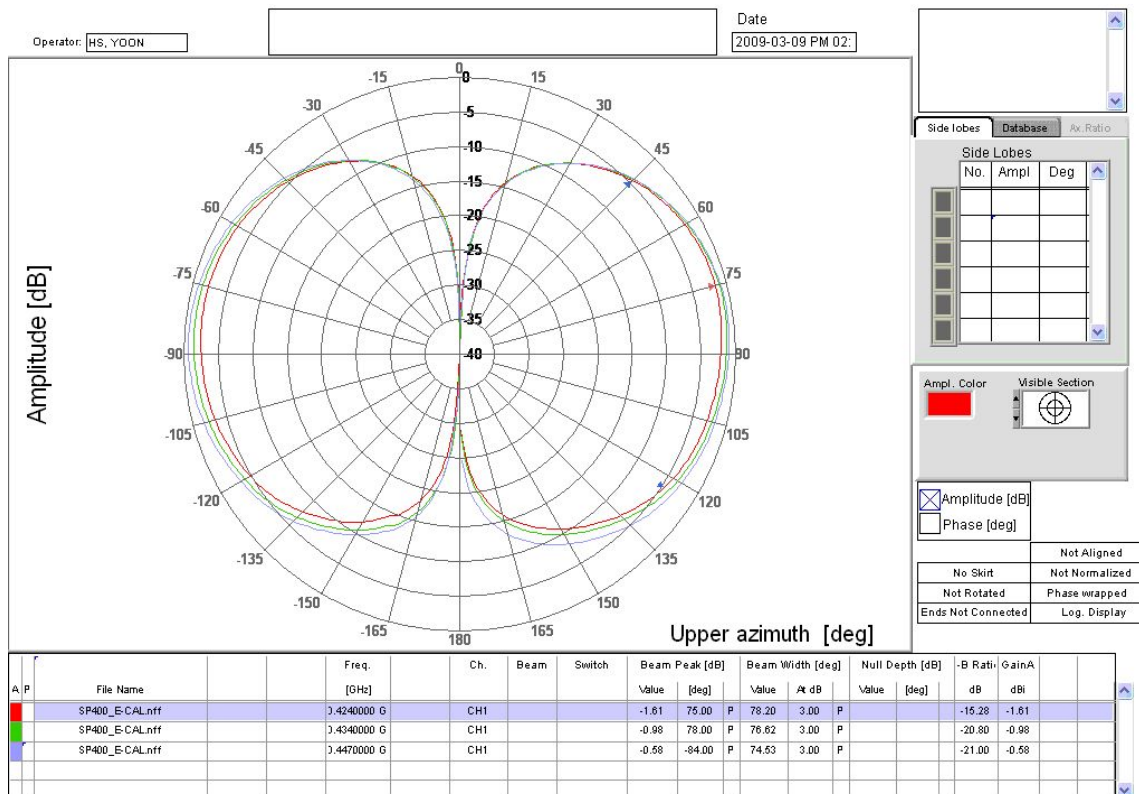
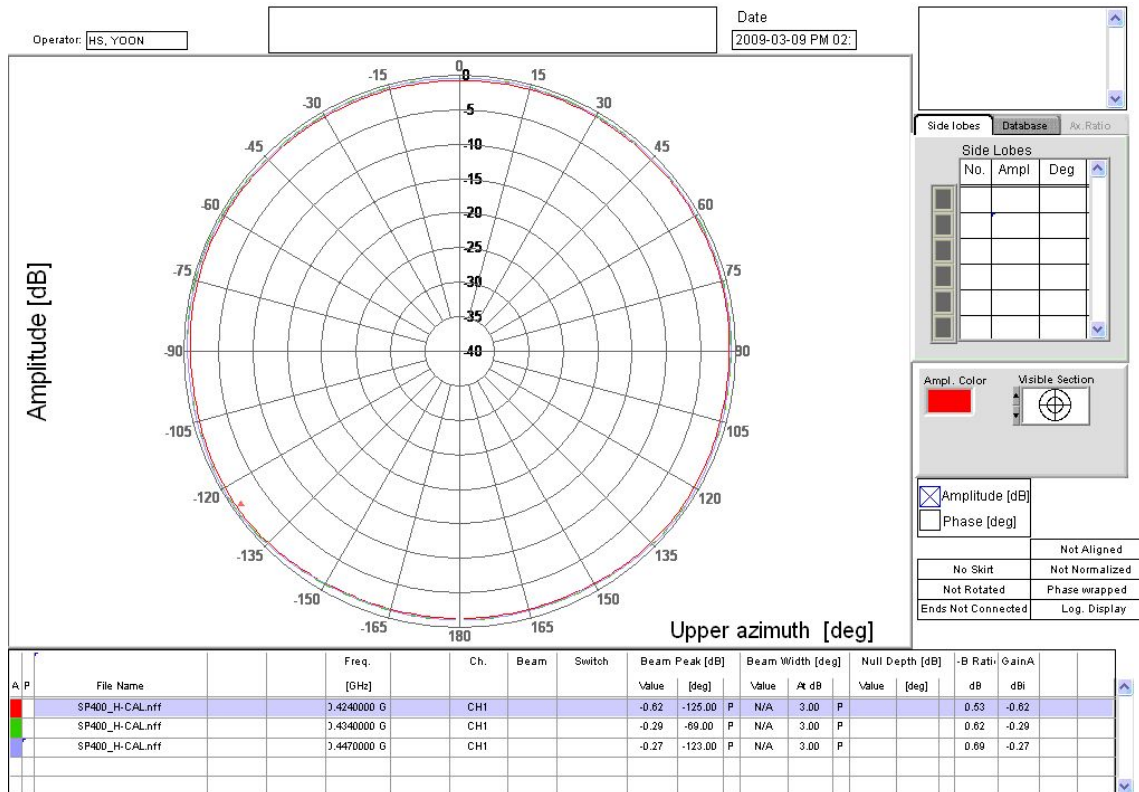
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● **EWA-424H (1/2 Ramda Whip Antenna)**

	Electrical performance	Specifications	Remarks(Model Name)
	Frequency Range	424MHz ± 20MHz	
	Nominal Impedance	50 ohm	
	Radiation Pattern	Omni-Directional	
	Polarization	Vertical	
	V.S.W.R	Less than 1:2.0	
	Gain	≤ 2 dBi	
	Connector	SMA-P(ㄴ)	
	Antenna Length	APP. 345 mm	
	Operating Temperature	-30° C ~ +70° C	

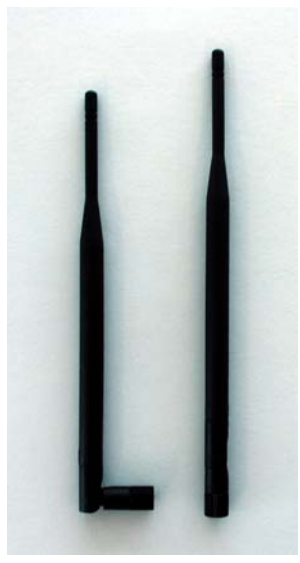
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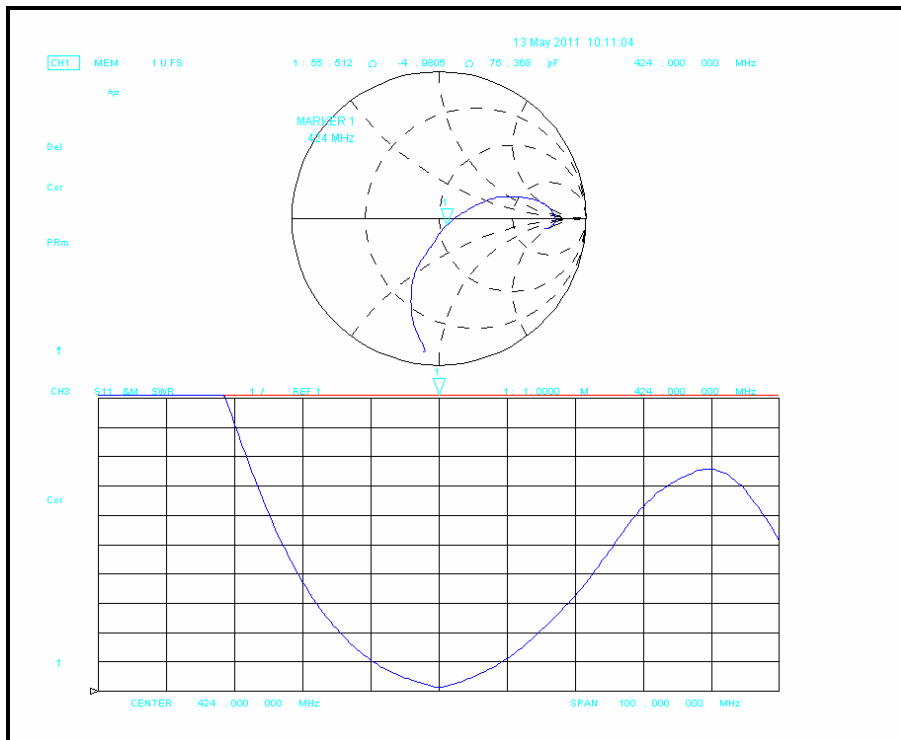
● EWA-424Q (1/4 Ramda Whip Antenna)

	Electrical performance	Specifications	Remarks(Model Name)
	Frequency Range	424 ± 20MHz	
	Nominal Impedance	50 ohm	
	Radiation Pattern	Omni-Directional	
	Polarization	Vertical	
	V.S.W.R	Less than 1:2.0	
	Gain	≤ 0 dBi	
	Connector	SMA-P(수)	
	Antenna Length	APP. 195 mm	When Straight
	Operating Temperature	-30° C ~ +70° C	

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● EWA-424Q Rev. 2(1/4 Ramda Whip Antenna)


	Electrical performance	Specifications	Remarks(Model Name)
	Frequency Range	424MHz ± 20MHz	
	Nominal Impedance	50 ohm	
	Radiation Pattern	Omni-Directional	
	Polarization	Vertical	
	V.S.W.R	Less than 1:2.0	
	Gain	≤ 0 dBi	
	Connector	SMA-P(수)	
	Antenna Length	APP. 218 mm	When Straight
	Operating Temperature	-30° C ~ +70° C	



EWA-424Q Rev.2 S11 측정 데이터

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- **EHA-400 (400MHz Band Helical Antenna)**

	Electrical performance	Specifications	Remarks(Model Name)
	Frequency Range	424±20MHz	
	Nominal Impedance	50 ohm	
	Radiation Pattern	Omni-Directional	
	Polarization	Vertical	
	V.S.W.R	Less than 1:2.0	
	Gain	≤0 dBi	
	Connector	SMA-P(수)	
	Antenna Length	APP. 108 mm	When Straight
	Operating Temperature	-30° C ~ +70° C	

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● EMB-1M

EMB 모델은 안테나와 무선모듈을 연결 시켜주는 연장 케이블로 신호의 감쇠가 작은 RG-316 케이블을 사용하였으며, 고정부가 자석으로 되어 있어 금속에 부착하여 사용하도록 되어 있다.

 <p>EMB-1M 사진</p>	Item	Specifications	Remarks
	Cable	RG-316	
	Cable Length	1M	
	Attenuation	≤ 1 dB	
	Connector	Base 쪽:SMA(암) 모듈 쪽:SMA(수)	
 <p>EWA-424H 와 장착 사진</p>	 <p>EWA-424Q 와 장착 사진</p>	 <p>EHA-400 와 장착 사진</p>	