



Specification For Approval

Type	Helical – ANT
Model Name	BNC– 447 H – ANT
Part No	
Issued Date	2013. 6. 24

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2. Specification

2.1. Electrical Specification

Item	Spec	Remarks
Center Frequency	447MHz	
Frequency Range	440MHz – 460MHz	
V.S.W.R	Less Than 2.0	
Gain(dBi)	-2dBi (Max)	
Radiation pattern	Omni-directional	
Polarization	Linear Vertical	
Impedance	Nominal 50 Ω	

2.2. Mechanical Specification

Item	Spec	Remarks
Dimensions	82	mm
Connector	BNC - Male	
Color	Black	
Operating Temperature	-45 $^{\circ}$ C ~ +85 $^{\circ}$ C	
Weight	22g \pm 1g	

2.3. Major Materials Of Parts

Item	Materials	Remarks
Connector	C3604	mm
Cover	Urethane	
Cap	ABS	
Element	SWC	

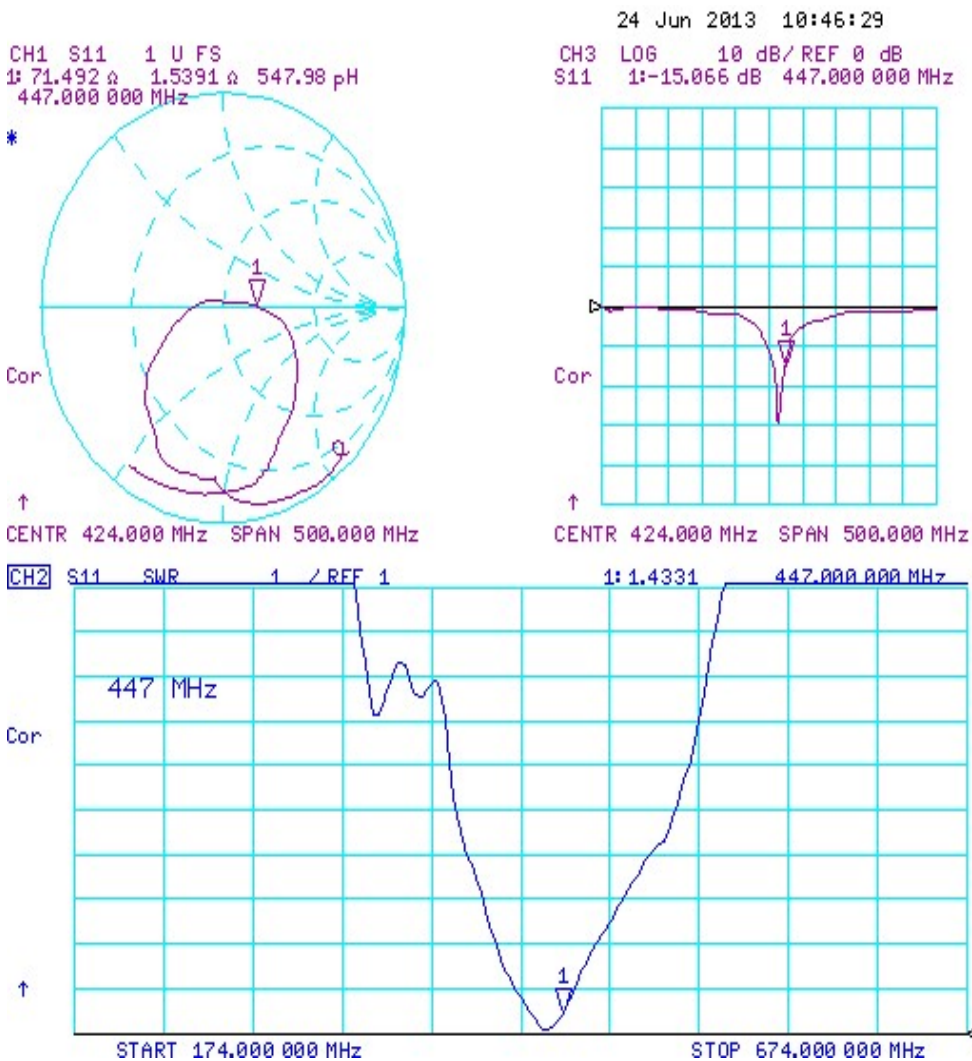


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3. Electrical Specification

3.1 V.S.W.R

DATA

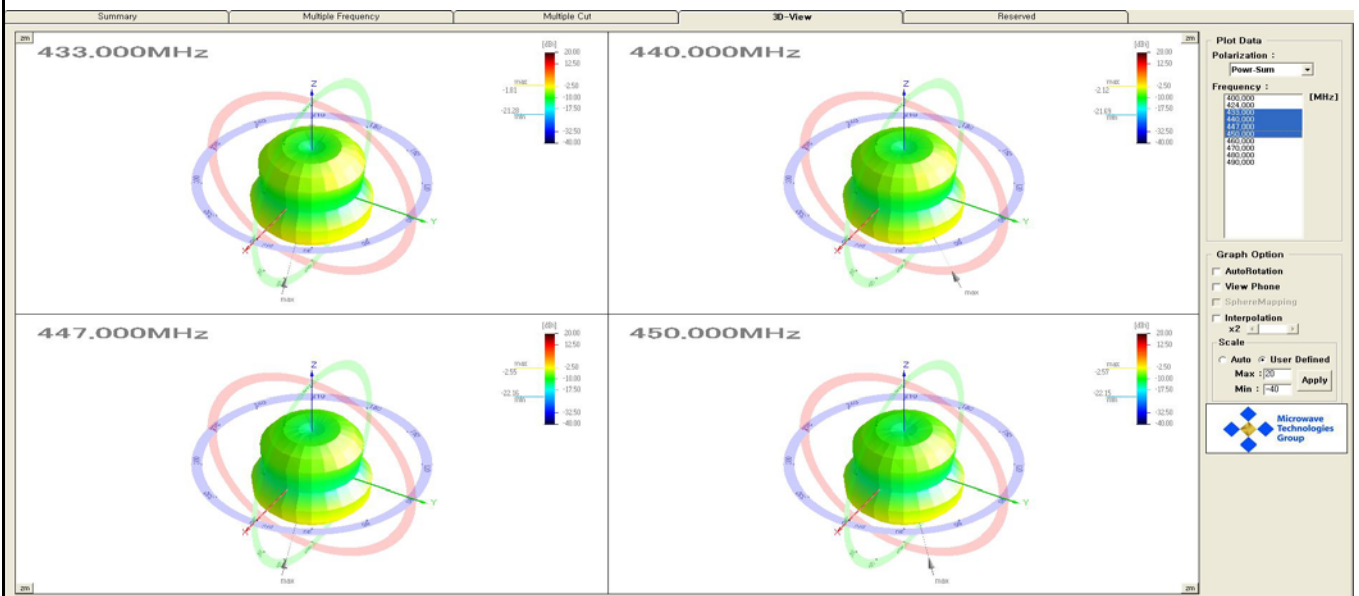
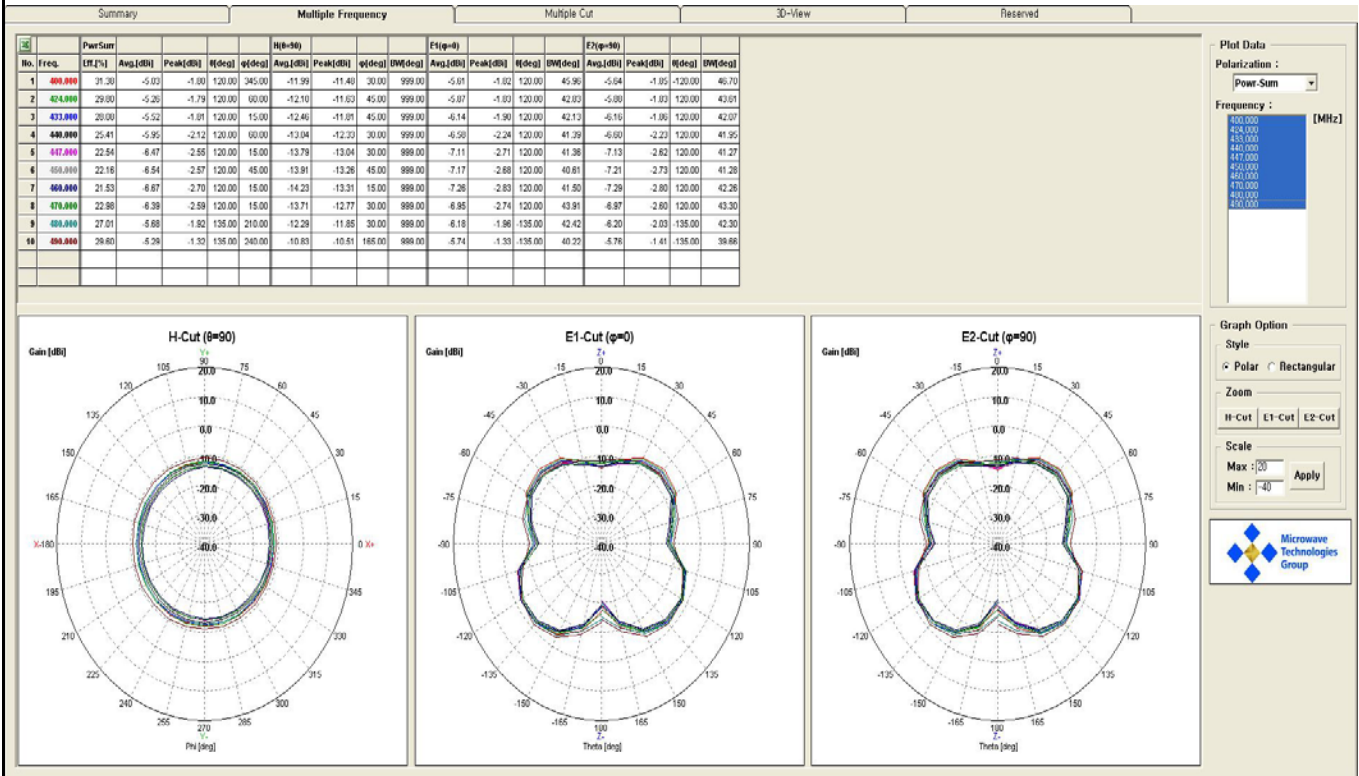


Frequency	V.S.W.R	Remarks
440 MHz	1.2	
447 MHz	1.4	
460 MHz	1.9	



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3.2. Gain & Beam Pattern



Frequency	Peak Gain(dBi)	Remarks
440 MHz	-2	
447 MHz	-2	
460 MHz	-2	

