

Model No.:**MA5G14DP 5GHz 14dBi Dual-Polarization CPE Antenna Module (Preliminary)**

MA5G14DP is a 14 dBi Dual Polarization Outdoor/Indoor Directional Antenna module amplifies your Outdoor WiF-N AP/Birdge wireless signal in a concentrated direction. The directional design of antenna module with 2 RF connector that creates the Vertical and Horizontal transmit/reciving at same time . MA5G14DP may amplified wireless-N (MIMO) signal that extend the coverage of a wireless local area network .

Features

- High gain: 14.84 dBi
- Frequency : 5.150 – 5.825GHz
- Support Dual Polarization (Vertical and Horizontal)
- Two RF Connector
- For Wireless-n (MIMO) Application
- Increase your Wireless Network Strength

Target Customer

- Outdoor / Indoor Wireless System Integrator
- Outdoor / Indoor Surveillance IP Camera System Provider
- Outdoor /Indoor Industrial Automation System Integrator
- Outdoor /Indoor Wireless Control System Integrator

Application

- Outdoor / Indoor long range Point to Point
- Outdoor / Indoor long range CPE / Client Bridge
- Outdoor / Indoor long range Wireless IP Video Surveillance
- Outdoor/ Indoor long range Wireless Automation and Control

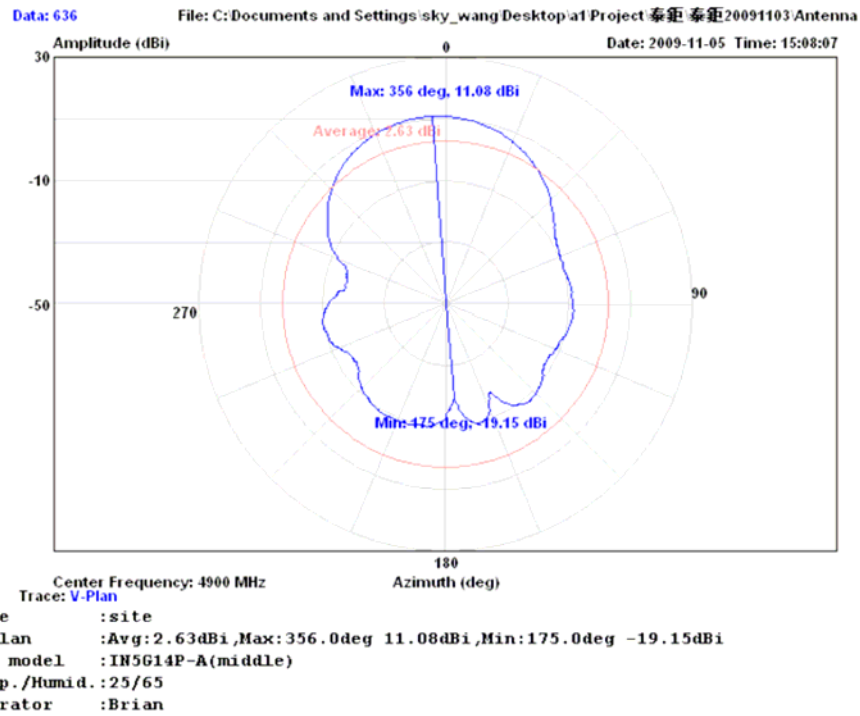
Specifications	
Antenna Type	Indoor/Outdoor Patch Directional Antenna
Gain	14.8 dBi @ 5.470 – 5.825GHz (H-Plan) 13.53 dBi @ 5.470 – 5.825GHz (E-Plan) 12.6 dBi @ 5.150-5.825GHz(H-Plan) 11 dBi @5.150-5.825GHz(E-Plan)
Frequency Range	5.150 ~ 5.825GHz
Network Specification	IEEE 802.11a , IEEE802.11n Wireless 5 GHz Network
V.S.W.R	< 2
Beam Width-H Plane	35°
Beam Width-E Plane	20°
Polarization	Vertical (Linear)
Input Impedance	50 Ohms
RF Cable Connector	IPEX Connector with 13.5 cm RGB RF Cable
Operation Temperature	-20°C - + 70°C
Storage Temperature	-30°C - +85°C
Humidity	95% maximum (non-condensing)

Package Content	
High-Gain Wireless Antenna Module with 2 * RF Cable with IPEX Connector	1 Set
Quick Installation Guide	1 pc

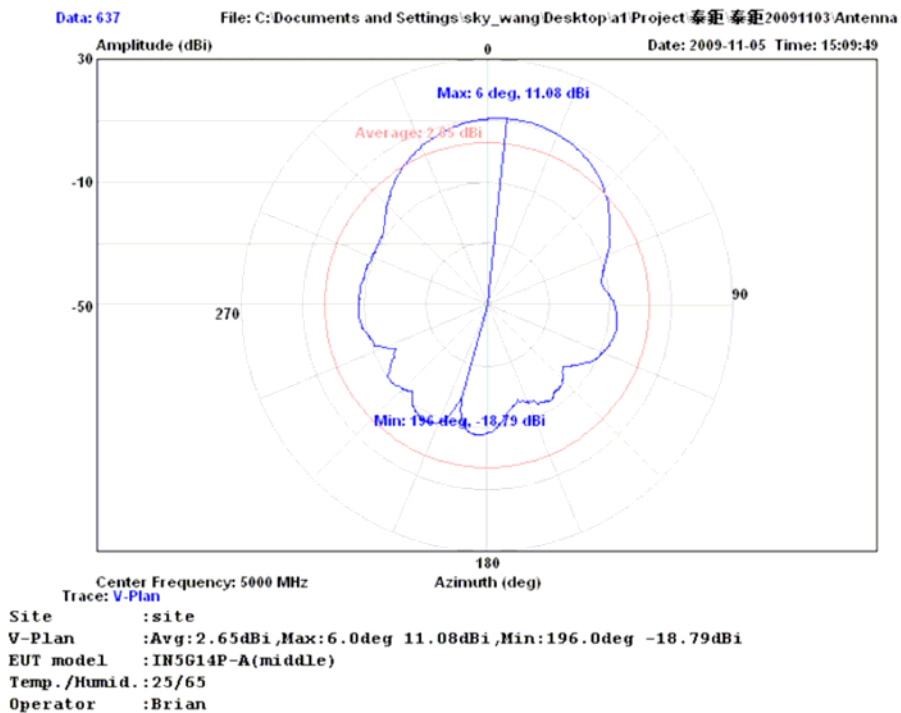
Antenna test : Polarization 1



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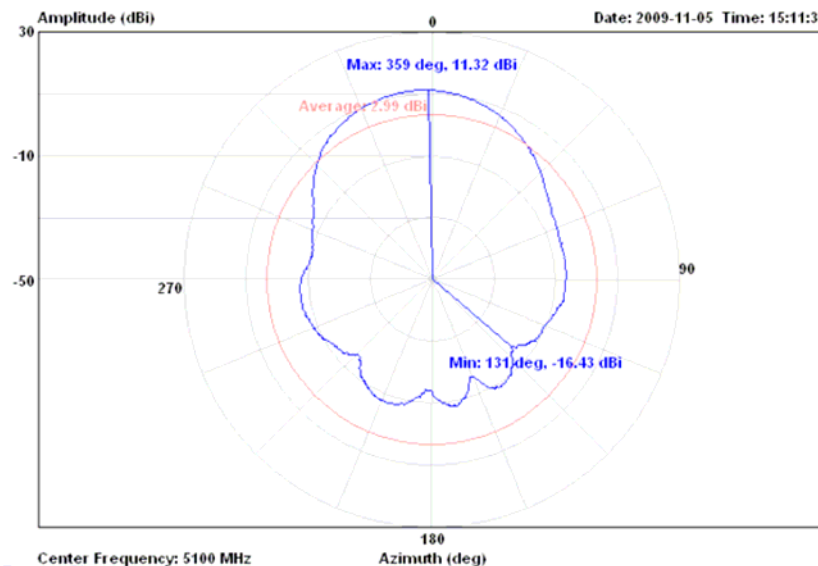
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Data: 638 File: C:\Documents and Settings\sky_wang\Desktop\1 Project 泰鉅 泰鉅20091103 Antenna



Trace: V-Plan

Site : site

V-Plan : Avg: 2.99dBi, Max: 359.0deg 11.32dBi, Min: 130.0deg -16.43dBi

EUT model : IN5G14P-A(middle)

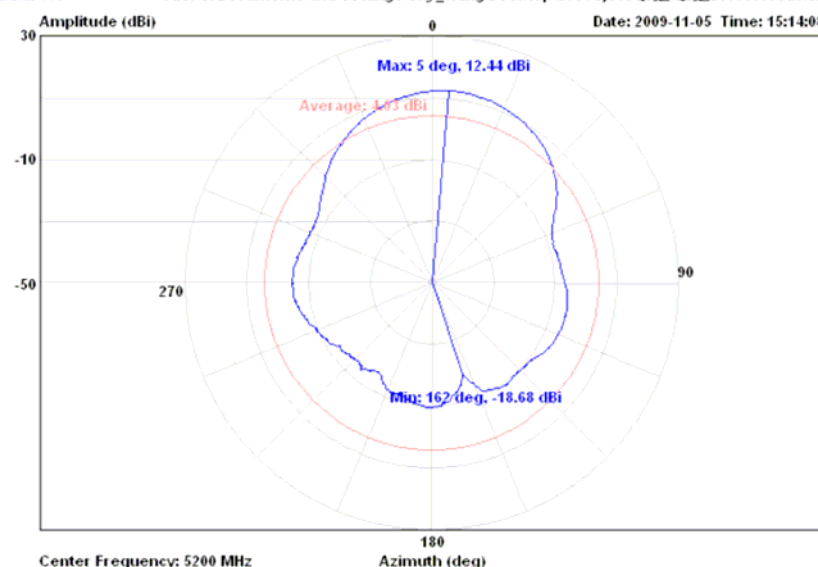
Temp./Humid.: 25/65

Operator : Brian



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Data: 639 File: C:\Documents and Settings\sky_wang\Desktop\1 Project 泰鉅 泰鉅20091103 Antenna



Trace: V-Plan

Site : site

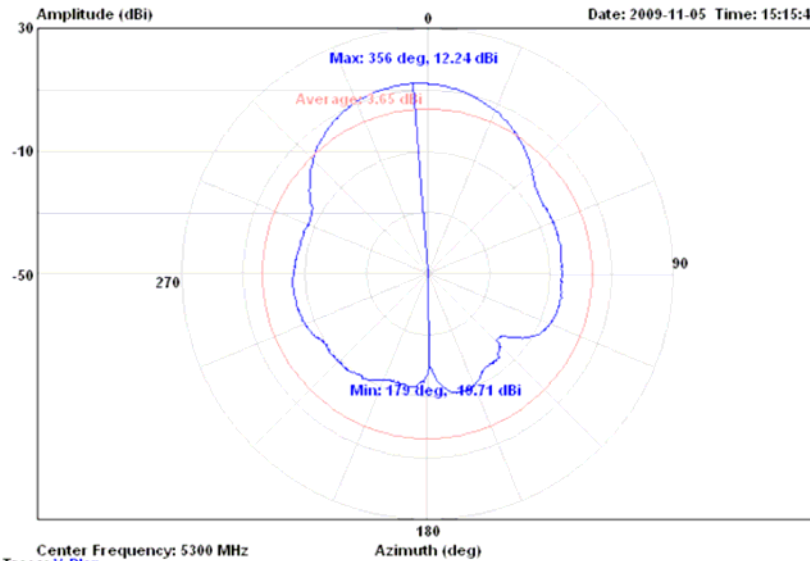
V-Plan : Avg: 4.03dBi, Max: 5.0deg 12.44dBi, Min: 162.0deg -18.68dBi

EUT model : IN5G14P-A(middle)

Temp./Humid.: 25/65

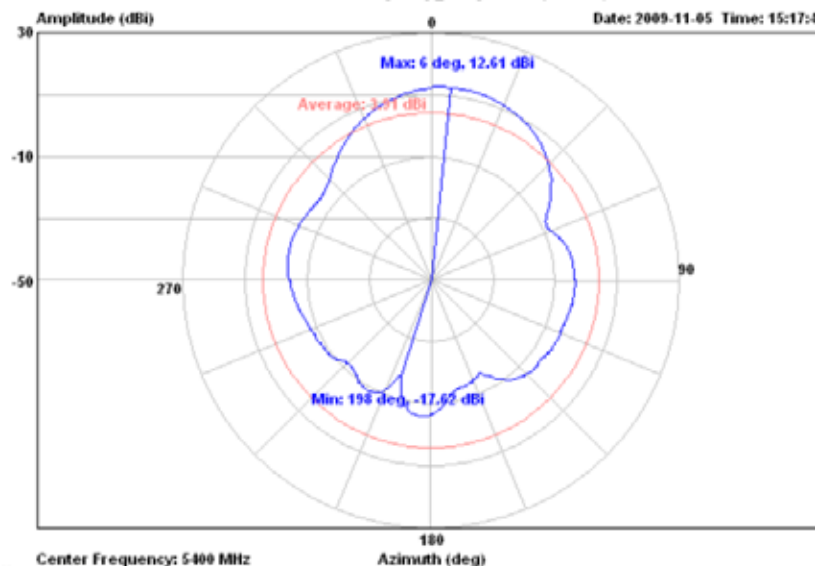
Operator : Brian

Data: 640 File: C:\Documents and Settings\sky_wang\Desktop\1a1 Project\泰鉅 泰鉅20091103\Antenna



Trace: V-Plan
Site : site
V-Plan : Avg: 3.65dBi, Max: 356.0deg 12.24dBi, Min: 178.0deg -19.71dBi
EUT model : IN5G14P-A(middle)
Temp./Humid.: 25/65
Operator : Brian

Data: 641 File: C:\Documents and Settings\sky_wang\Desktop\1a1 Project\泰鉅 泰鉅20091103\Antenna



Trace: V-Plan
Site : site
V-Plan : Avg: 3.91dBi, Max: 6.0deg 12.61dBi, Min: 198.0deg -17.62dBi
EUT model : IN5G14P-A(middle)
Temp./Humid.: 25/65
Operator : Brian

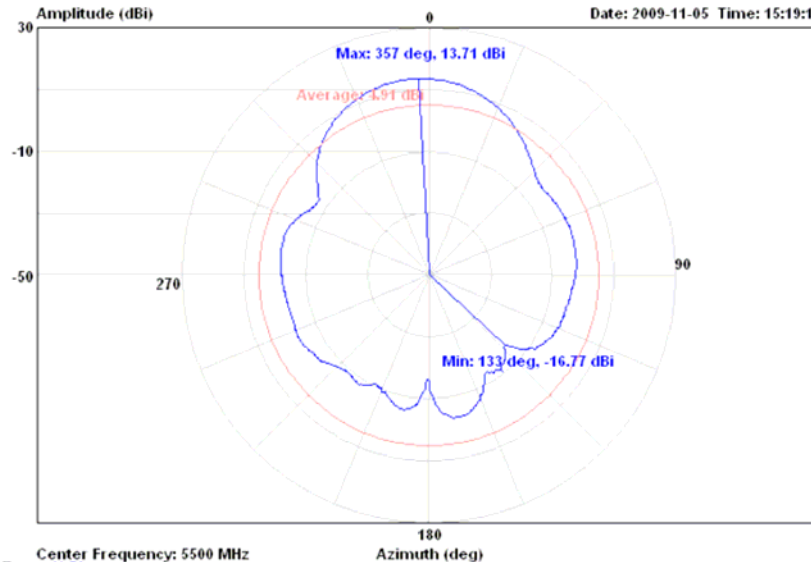


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Data: 642

File: C:\Documents and Settings\sky_wang\Desktop\1 Project 泰鉅 泰鉅20091103 Antenna

Date: 2009-11-05 Time: 15:19:13



Center Frequency: 5500 MHz
Trace: V-Plan
Site :site
V-Plan :Avg: 4.91dBi, Max: 357.0deg 13.71dBi, Min: 132.0deg -16.77dBi
EUT model :IN5G14P-A(middle)
Temp./Humid.: 25/65
Operator :Brian

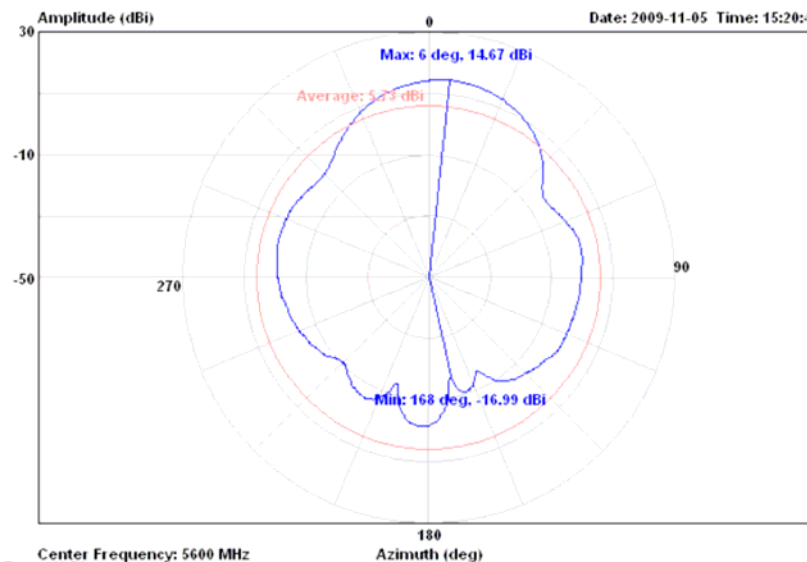


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Data: 643

File: C:\Documents and Settings\sky_wang\Desktop\1 Project 泰鉅 泰鉅20091103 Antenna

Date: 2009-11-05 Time: 15:20:43

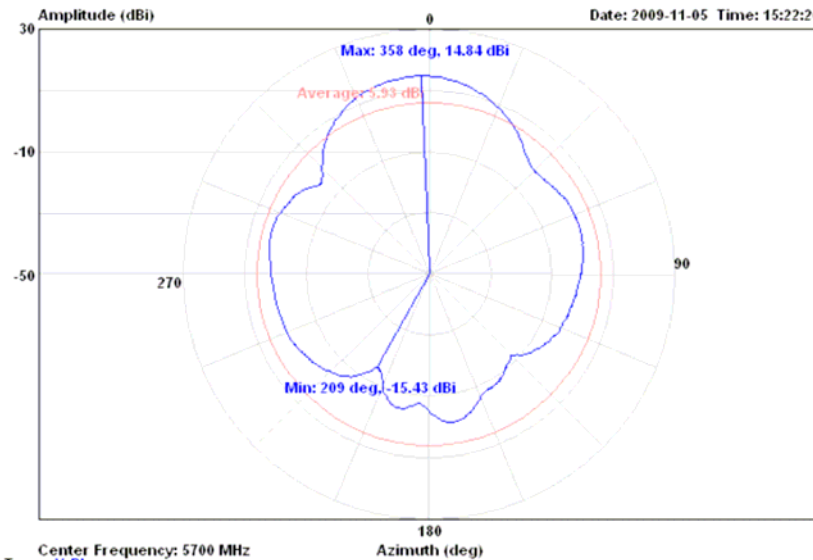


Center Frequency: 5600 MHz
Trace: V-Plan
Site :site
V-Plan :Avg: 5.73dBi, Max: 6.0deg 14.67dBi, Min: 168.0deg -16.99dBi
EUT model :IN5G14P-A(middle)
Temp./Humid.: 25/65
Operator :Brian



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Data: 644 File: C:\Documents and Settings\sky_wang\Desktop\at1 Project 泰鉅 泰鉅20091103 Antenna

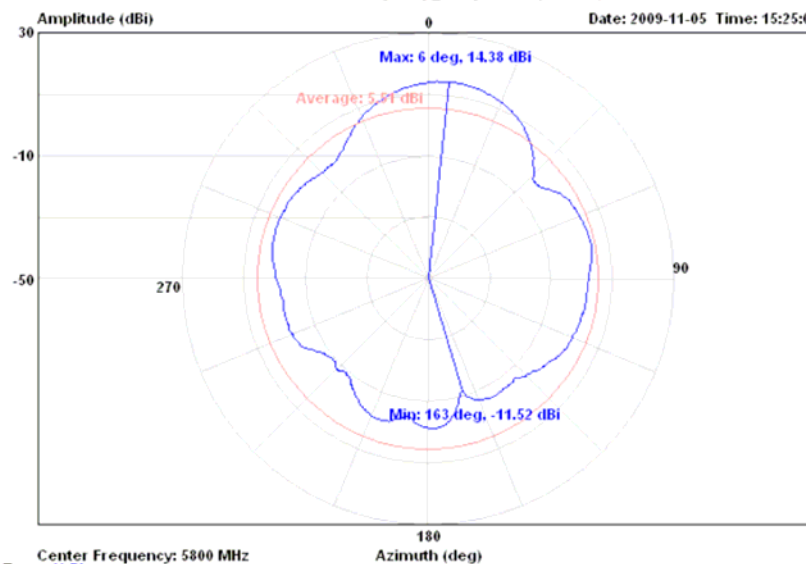


Site :site
V-Plan :Avg: 5.93dBi, Max: 358.0deg 14.84dBi, Min: 209.0deg -15.43dBi
EUT model :IN5G14P-A(middle)
Temp./Humid.: 25/65
Operator :Brian



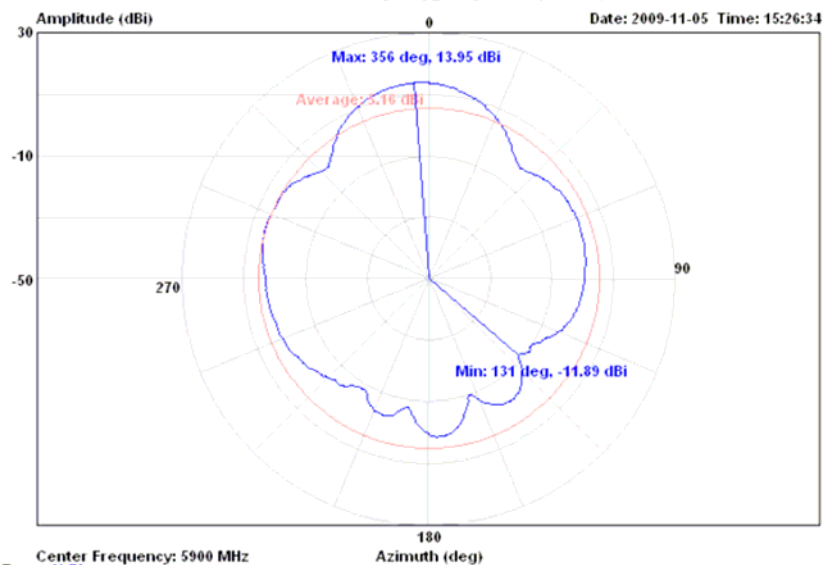
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Data: 645 File: C:\Documents and Settings\sky_wang\Desktop\at1 Project 泰鉅 泰鉅20091103 Antenna



Site :site
V-Plan :Avg: 5.51dBi, Max: 6.0deg 14.38dBi, Min: 163.0deg -11.52dBi
EUT model :IN5G14P-A(middle)
Temp./Humid.: 25/65
Operator :Brian

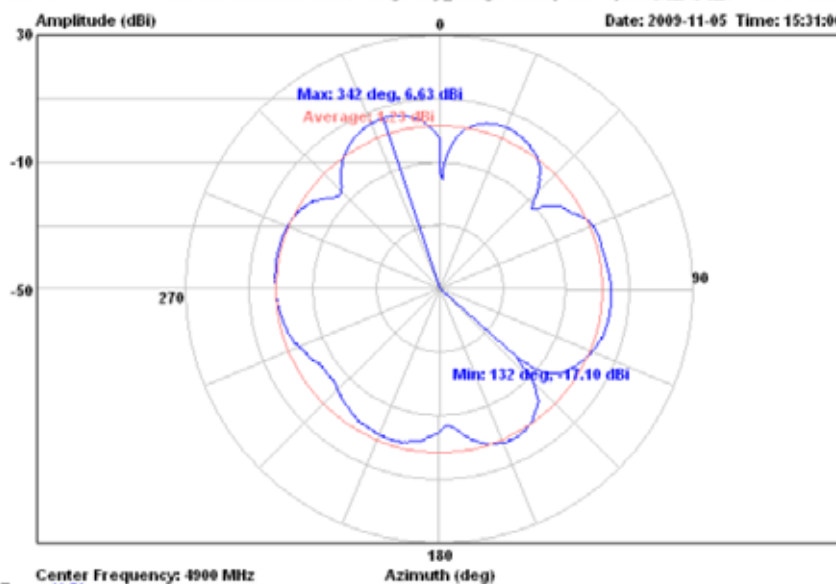
Data: 646 File: C:\Documents and Settings\sky_wang\Desktop\at1 Project 泰鉅 泰鉅20091103\Antenna



Trace: V-Plan
Site : site
V-Plan : Avg: 5.16dBi, Max: 356.0deg 13.95dBi, Min: 130.0deg -11.89dBi
EUT model : IN5G14P-A(middle)
Temp./Humid.: 25/65
Operator : Brian

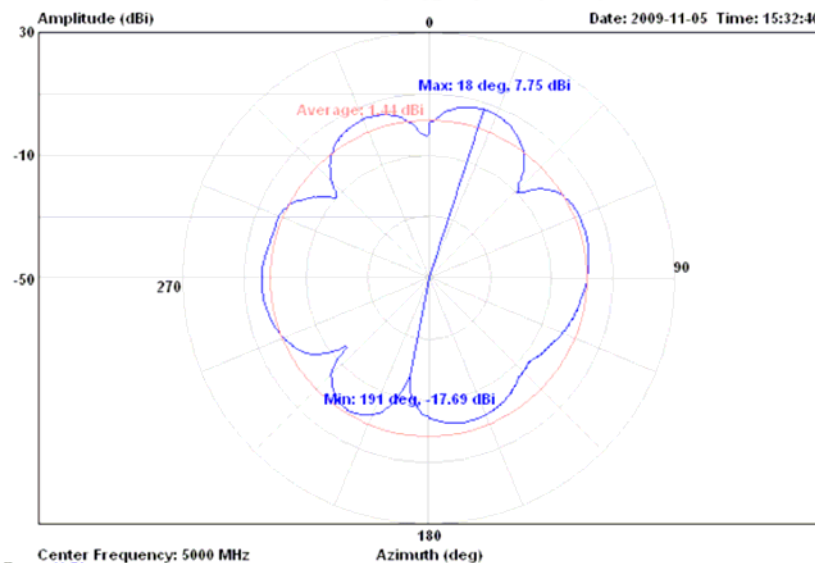
Polarization 2

Data: 647 File: C:\Documents and Settings\sky_wang\Desktop\at1 Project 泰鉅 泰鉅20091103\Antenna



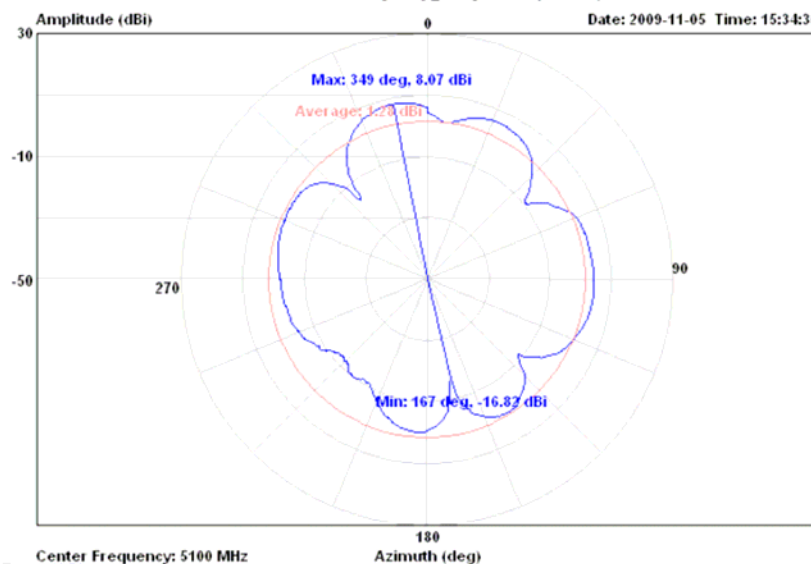
Trace: V-Plan
Site : site
V-Plan : Avg: 1.23dBi, Max: 342.0deg 6.63dBi, Min: 132.0deg -17.10dBi
EUT model : IN5G14P-A(onder)
Temp./Humid.: 25/65
Operator : Brian

Data: 648 File: C:\Documents and Settings\sky_wang\Desktop\1 Project 泰鉅 泰鉅20091103 Antenna



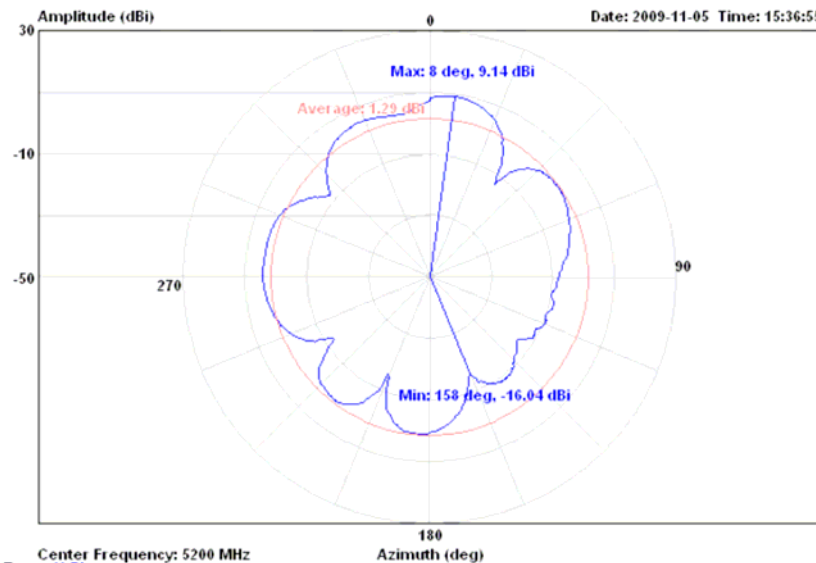
Trace: V-Plan
Site : site
V-Plan : Avg: 1.44 dBi, Max: 18.0 deg 7.75 dBi, Min: 191.0 deg -17.69 dBi
EUT model : IN5G14P-A (onder)
Temp./Humid.: 25/65
Operator : Brian

Data: 649 File: C:\Documents and Settings\sky_wang\Desktop\1 Project 泰鉅 泰鉅20091103 Antenna



Trace: V-Plan
Site : site
V-Plan : Avg: 1.28 dBi, Max: 349.0 deg 8.07 dBi, Min: 166.0 deg -16.82 dBi
EUT model : IN5G14P-A (onder)
Temp./Humid.: 25/65
Operator : Brian

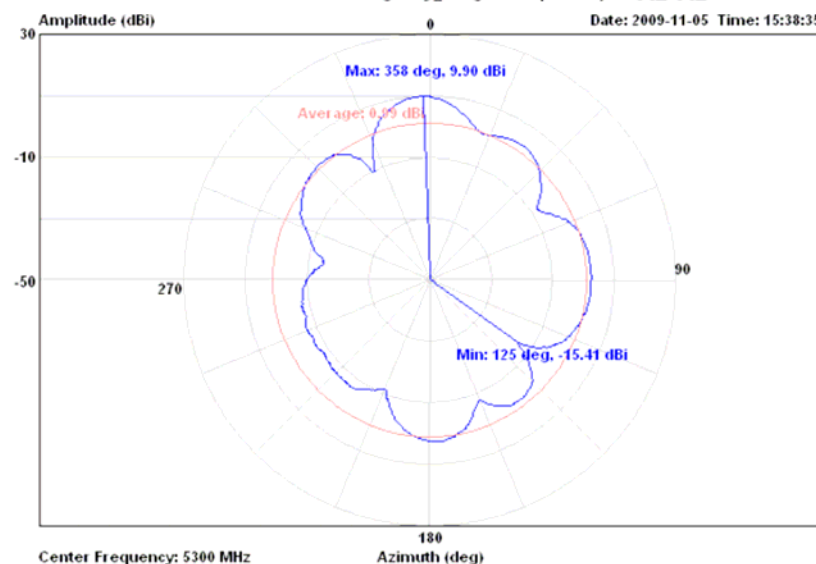
Data: 650 File: C:\Documents and Settings\sky_wang\Desktop\1 Project 泰鉅 泰鉅20091103\Antenna



Trace: V-Plan

Site : site
V-Plan : Avg: 1.29dBi, Max: 8.0deg 9.14dBi, Min: 158.0deg -16.04dBi
EUT model : IN5G14P-A(onder)
Temp./Humid.: 25/65
Operator : Brian

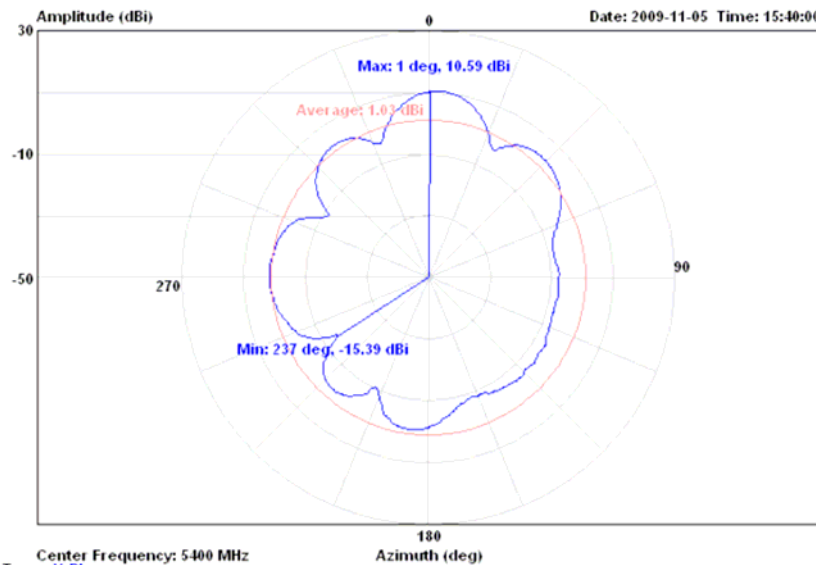
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Trace: V-Plan

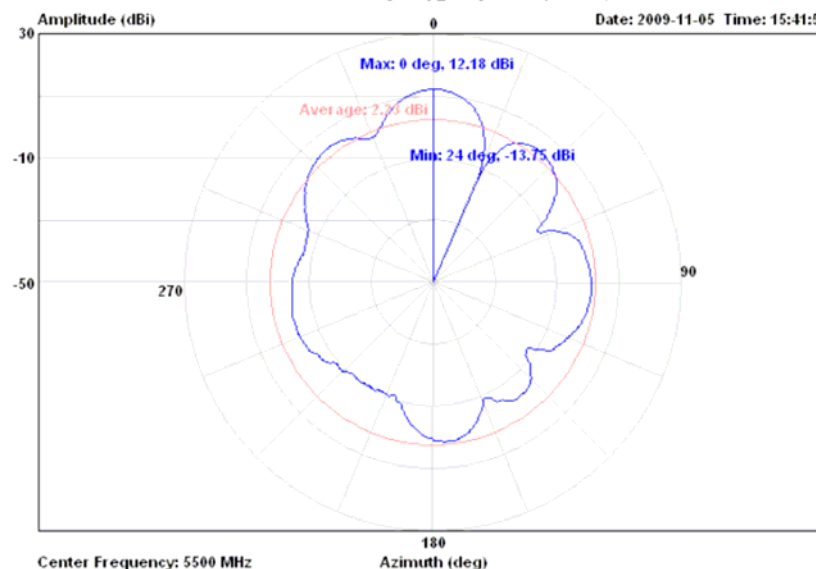
Site : site
V-Plan : Avg: 0.99dBi, Max: 358.0deg 9.90dBi, Min: 125.0deg -15.41dBi
EUT model : IN5G14P-A(onder)
Temp./Humid.: 25/65
Operator : Brian

Data: 652 File: C:\Documents and Settings\sky_wang\Desktop\at1 Project 泰鉅 泰鉅20091103 Antenna



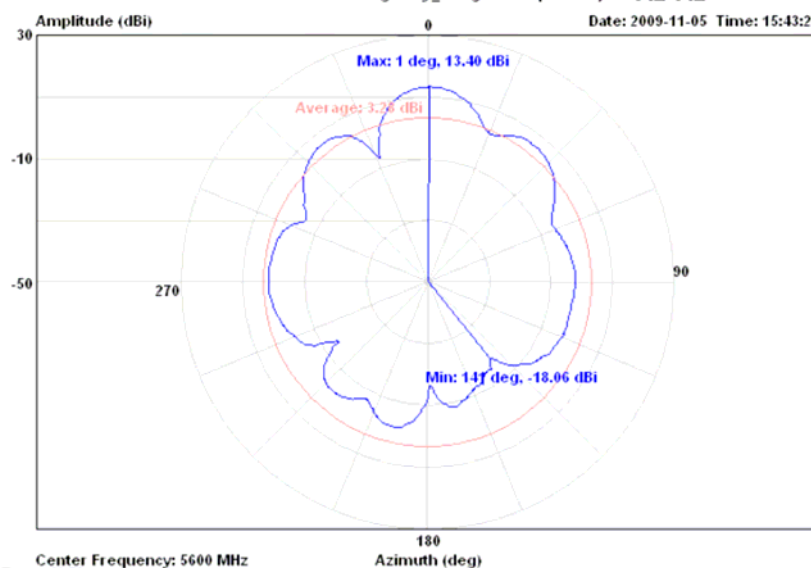
Trace: V-Plan
Site :site
V-Plan :Avg:1.03dBi,Max:0.0deg 10.59dBi,Min:237.0deg -15.39dBi
EUT model :IN5614P-A(onder)
Temp./Humid.:25/65
Operator :Brian

Data: 653 File: C:\Documents and Settings\sky_wang\Desktop\at1 Project 泰鉅 泰鉅20091103 Antenna



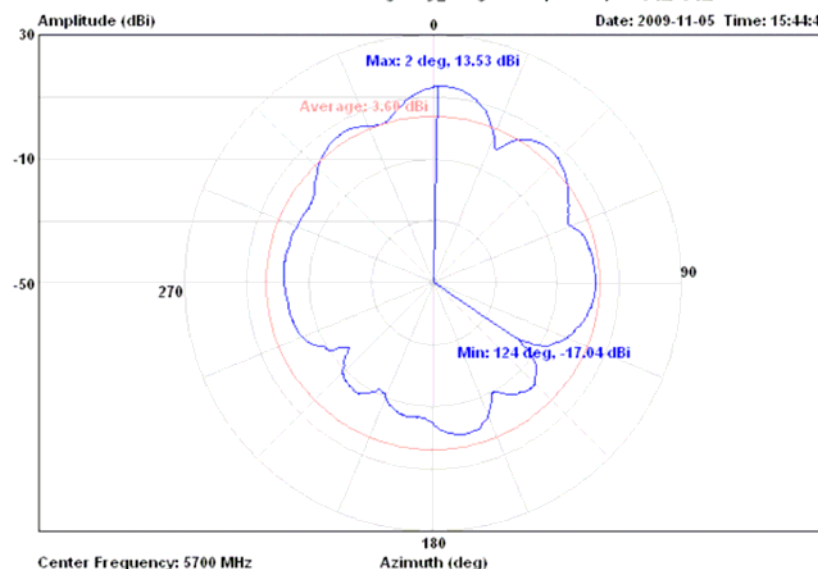
Trace: V-Plan
Site :site
V-Plan :Avg:2.23dBi,Max:0.0deg 12.18dBi,Min:24.0deg -13.75dBi
EUT model :IN5614P-A(onder)
Temp./Humid.:25/65
Operator :Brian

Data: 654 File: C:\Documents and Settings\sky_wang\Desktop\1 Project 泰鉅 泰鉅20091103 Antenna



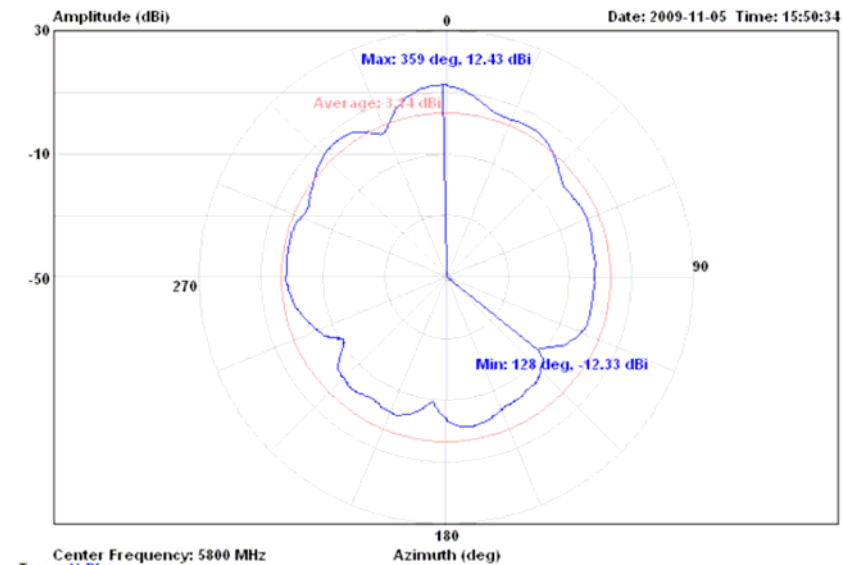
Site :site
V-Plan :Avg:3.28dBi,Max:0.0deg 13.40dBi,Min:140.0deg -18.06dBi
EUT model :IN5G14P-A(onder)
Temp./Humid.:25/65
Operator :Brian

Data: 655 File: C:\Documents and Settings\sky_wang\Desktop\1 Project 泰鉅 泰鉅20091103 Antenna



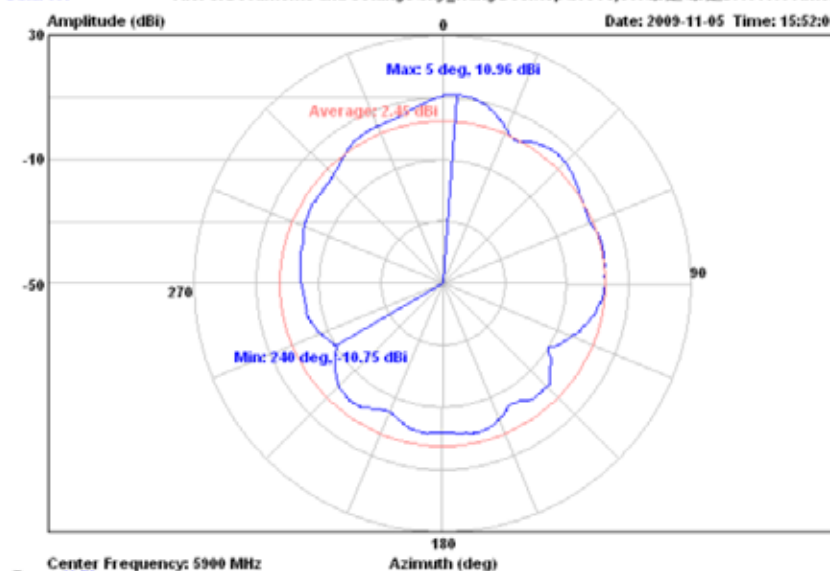
Site :site
V-Plan :Avg:3.60dBi,Max:2.0deg 13.53dBi,Min:124.0deg -17.04dBi
EUT model :IN5G14P-A(onder)
Temp./Humid.:25/65
Operator :Brian

Data: 656 File: C:\Documents and Settings\sky_wang\Desktop\1 Project 泰鉅 泰鉅20091103 Antenna



Site : site
V-Plan : Avg: 3.14dBi, Max: 359.0deg 12.43dBi, Min: 128.0deg -12.33dBi
EUT model : IN5G14P-A(onder)
Temp./Humid.: 25/65
Operator : Brian

Data: 657 File: C:\Documents and Settings\sky_wang\Desktop\1 Project 泰鉅 泰鉅20091103 Antenna



Site : site
V-Plan : Avg: 2.45dBi, Max: 4.0deg 10.96dBi, Min: 240.0deg -10.75dBi
EUT model : IN5G14P-A(onder)
Temp./Humid.: 25/65
Operator : Brian