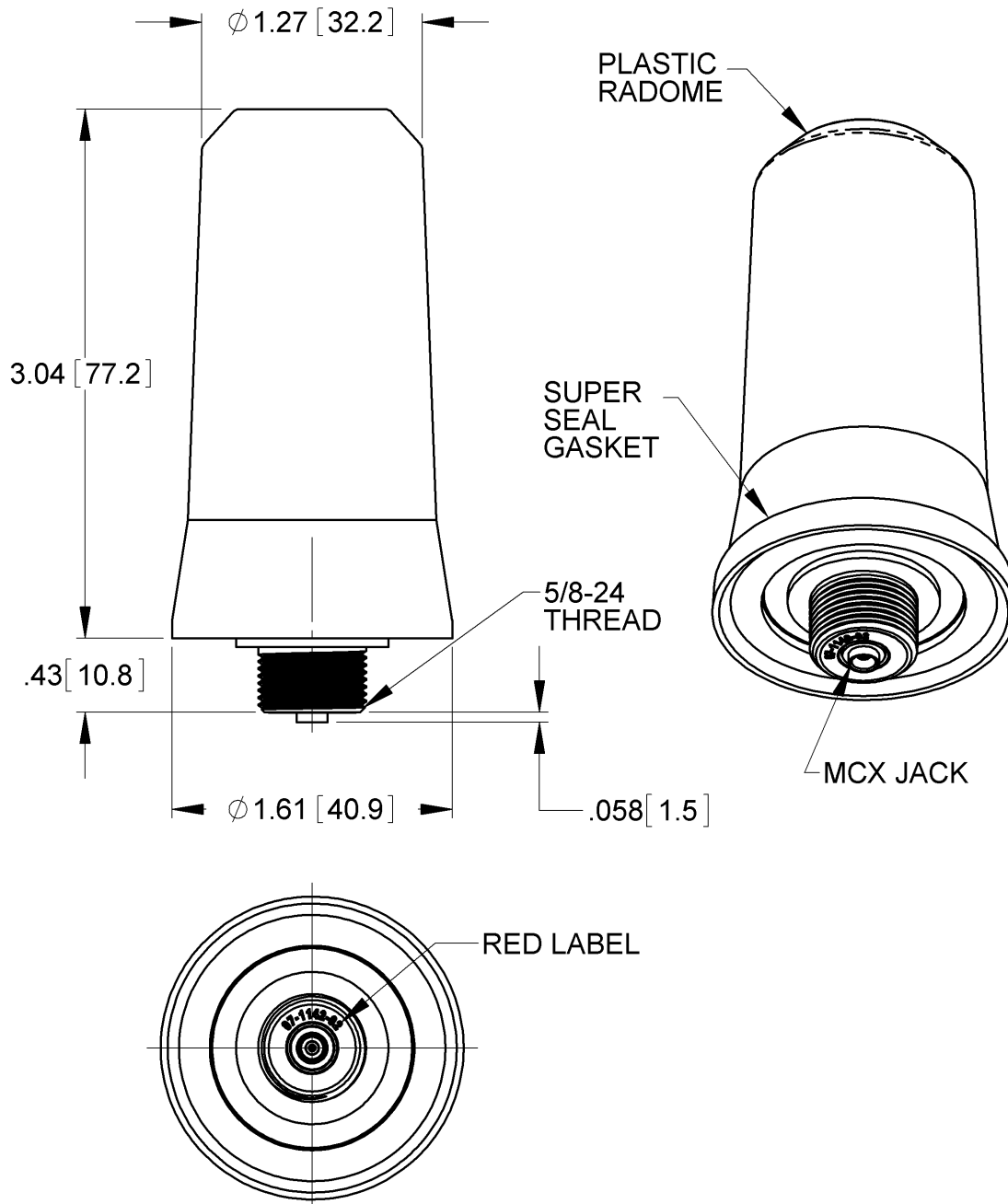


**Direct Mount LPT Style Antenna**

**1390-1435/3300-3800 MHz**

**W1982**

Series : ANTENNA



All dimensions are in inches (mm)

**Issue: 1148**

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**Direct Mount LPT Style Antenna**

**1390-1435/3300-3800 MHz**

**W1982**

Series : **ANTENNA**

**ELECTRICAL SPECIFICATIONS**

Antenna type	Monopole (All electrical performance measured with antenna centered on 12" x 12" Ground plane)	
Frequency	1390-1435/3300-3800	MHz
Nominal Impedance	50	$\Omega$
VSWR	2:1	Max
Peak Gain 1390-1435 MHz:	3.6	dBi
Peak Gain 3300-3800 MHz:	5.6	dBi
Avg Gain @15° EL 1390-1435 MHz:	1.0	dBi $\pm$ 1.0dB
Avg Gain @15° EL 3300-3800 MHz:	4.0	dBi $\pm$ 1.0dB
Efficiency 1390-1435/3300-3800 MHz:	60	% Min
Polarization:	Vertical	
-3 dB beamwidth		
Horizontal Plane :	OMNI	
Vertical Plane 1390-1435 MHz:	53	° Avg
Vertical Plane 3300-3800 MHz:	31	° Avg
Power withstanding	10	W
Connector type	MCX jack	

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Direct Mount LPT Style Antenna

1390-1435/3300-3800 MHz

**W1982**

Series : ANTENNA

**MECHANICAL SPECIFICATIONS**

Plastic radome	PC/Polyester blend, Makroblend EL 703 Bayer Material Science	.110 thick min
Flammability		UL94 V-0
Color		Cisco Gray
Ingress Protection		IP67
Weight		91 g
Wind-loading		165 Mph
Overall length		3.04 INCHES
Installation torque		6-9 Ft/lbs
Installation tool	Recommended strap wrench, similar to McMaster Carr P/N: 5448A31	

**ENVIRONMENTAL SPECIFICATIONS**

Operating temperature	-40to +85 ° C
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**Direct Mount LPT Style Antenna**

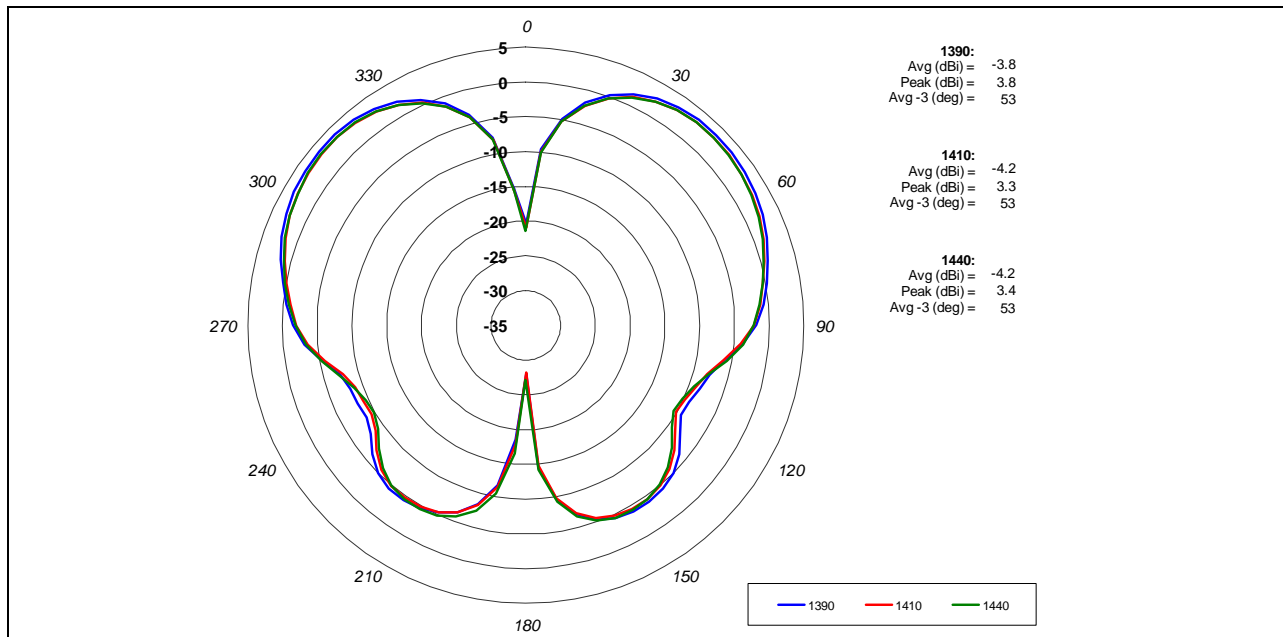
**1390-1435/3300-3800 MHz**

**W1982**

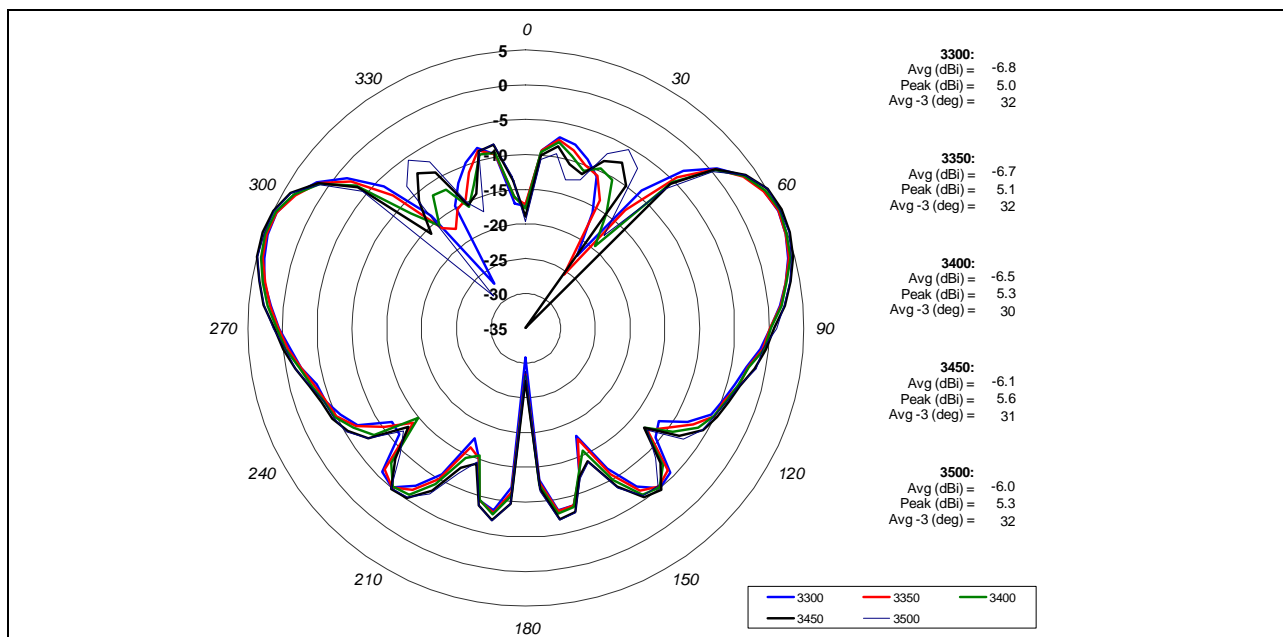
**Series : ANTENNA**

**Charts** - All radiation patterns, gain, VSWR measured with Antenna mounted on center of 12" x 12" Ground plane

**Vertical Plane**



**Vertical Plane**



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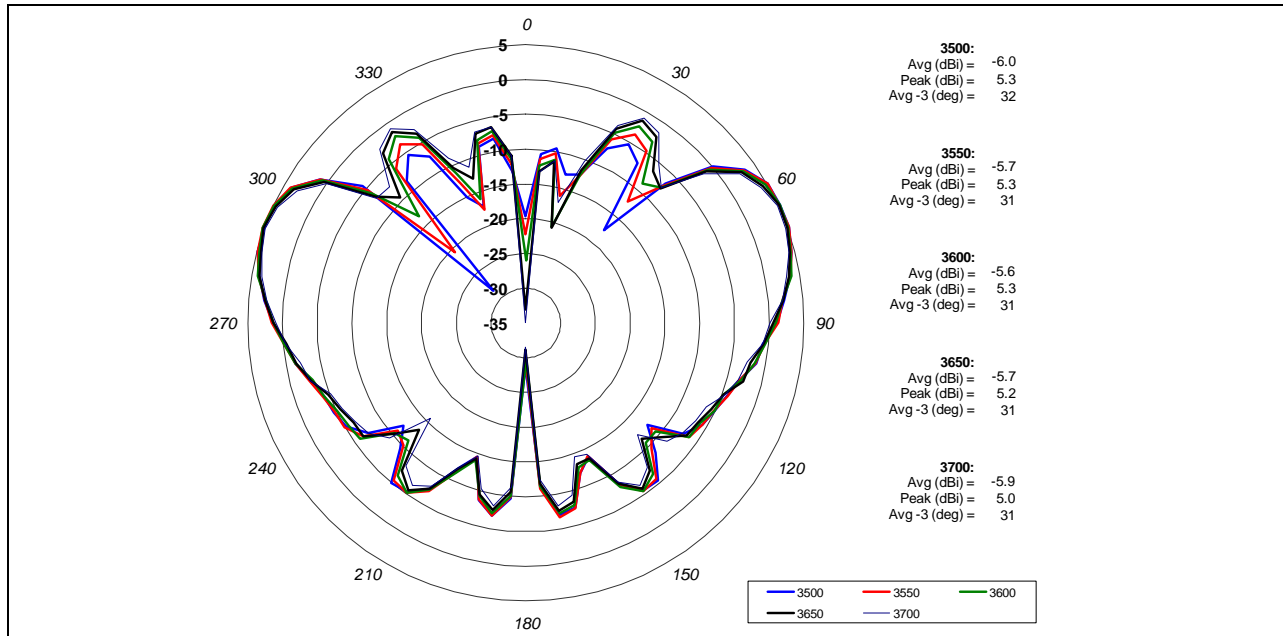
**Direct Mount LPT Style Antenna**

**1390-1435/3300-3800 MHz**

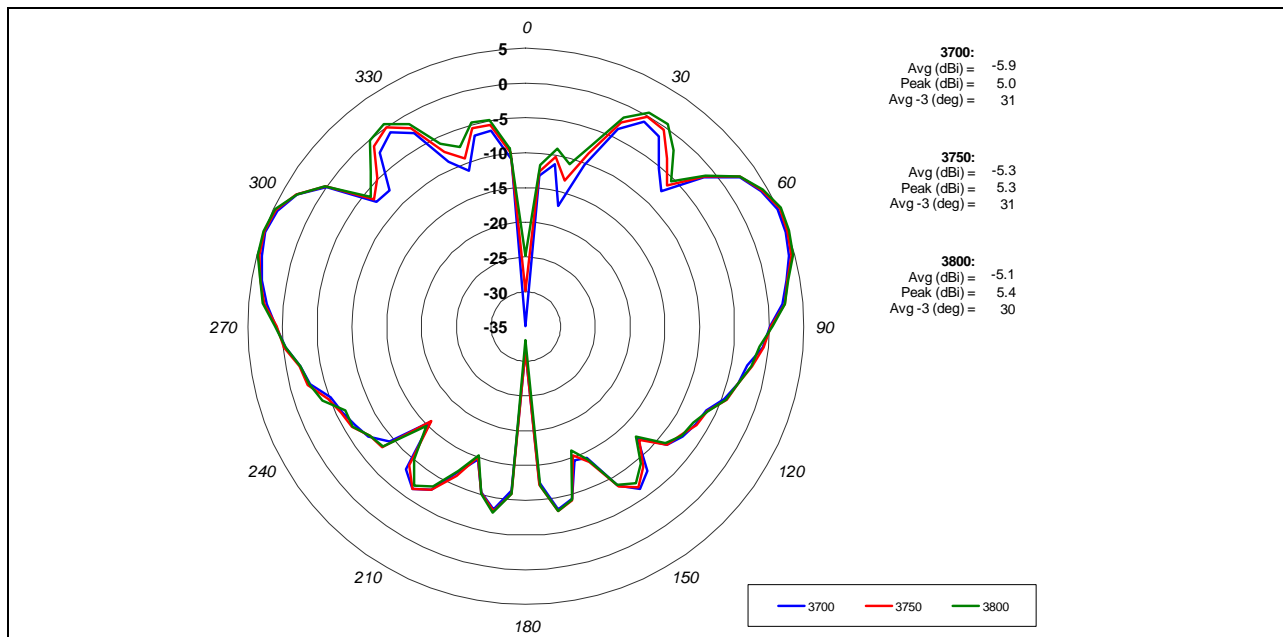
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**Series : ANTENNA**

**Vertical Plane**



**Vertical Plane**



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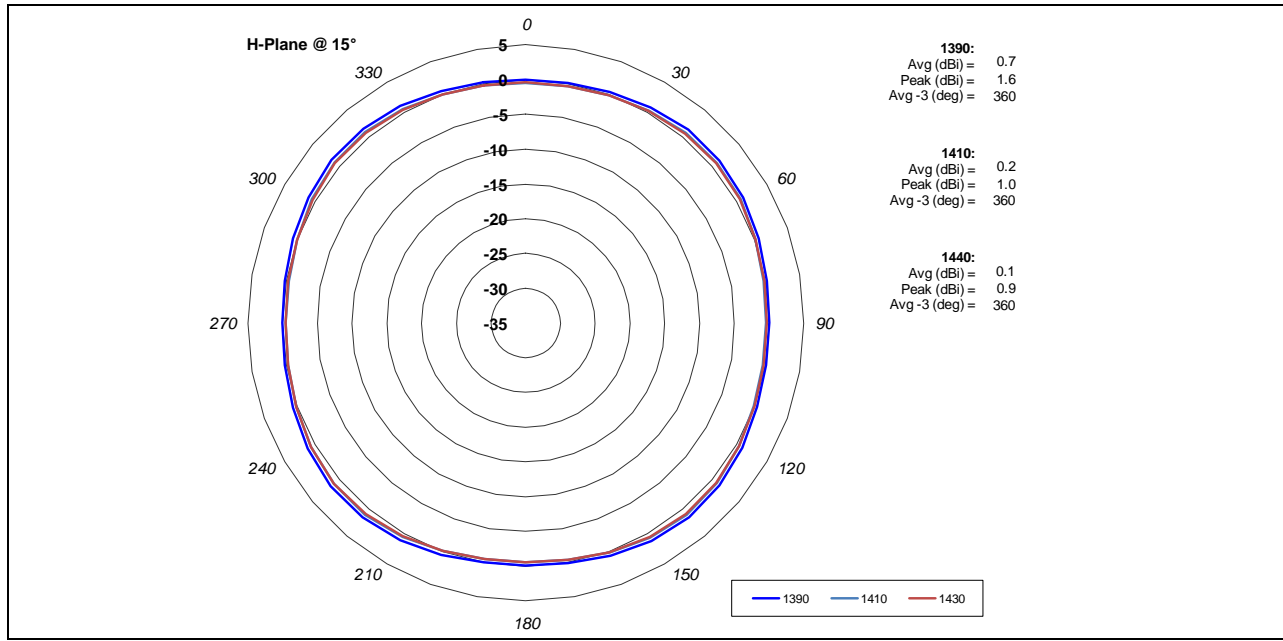
**Direct Mount LPT Style Antenna**

**1390-1435/3300-3800 MHz**

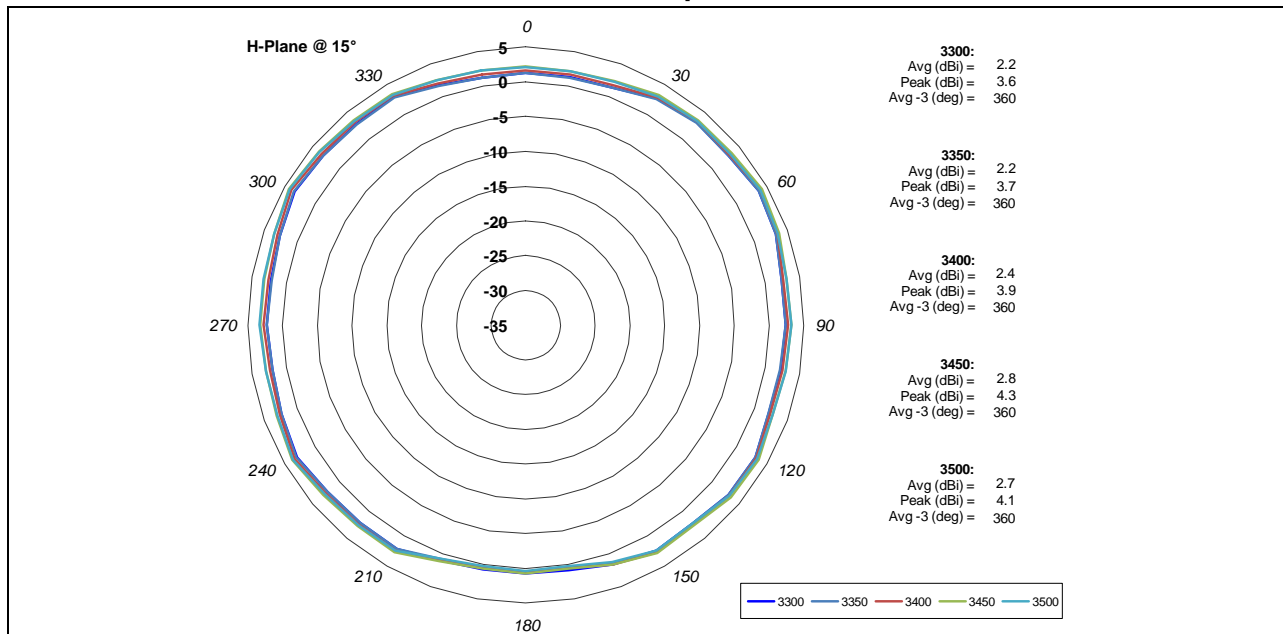
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**Series : ANTENNA**

**Horizontal Plane**



**Horizontal plane**



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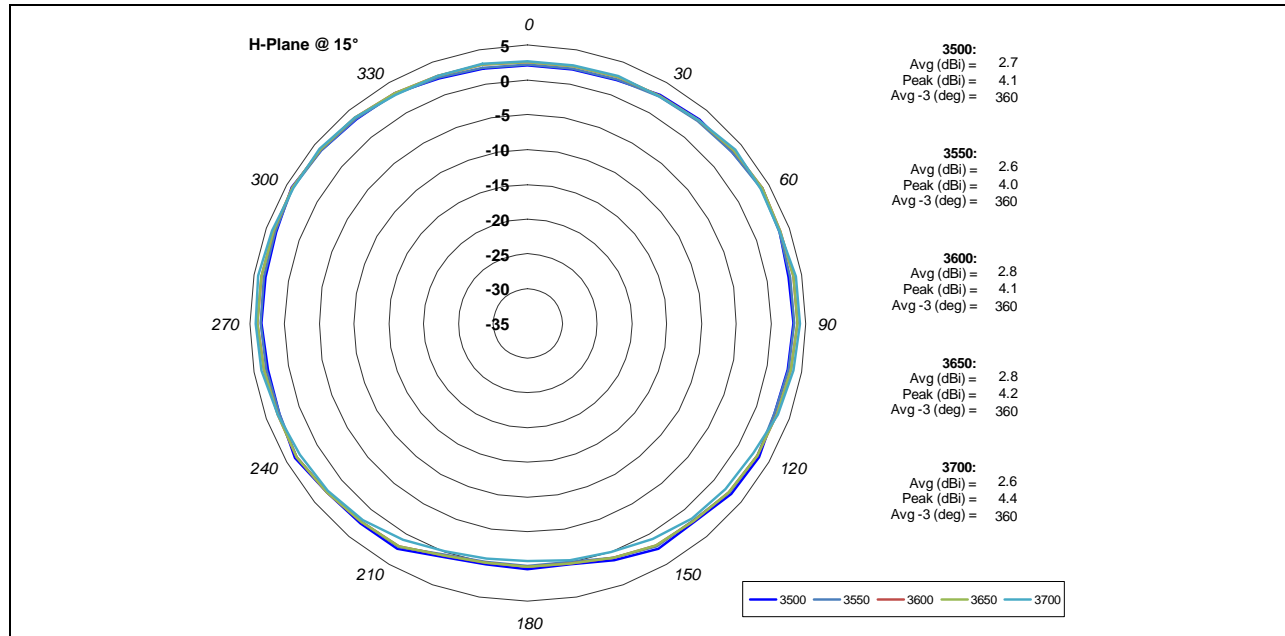
**Direct Mount LPT Style Antenna**

**1390-1435/3300-3800 MHz**

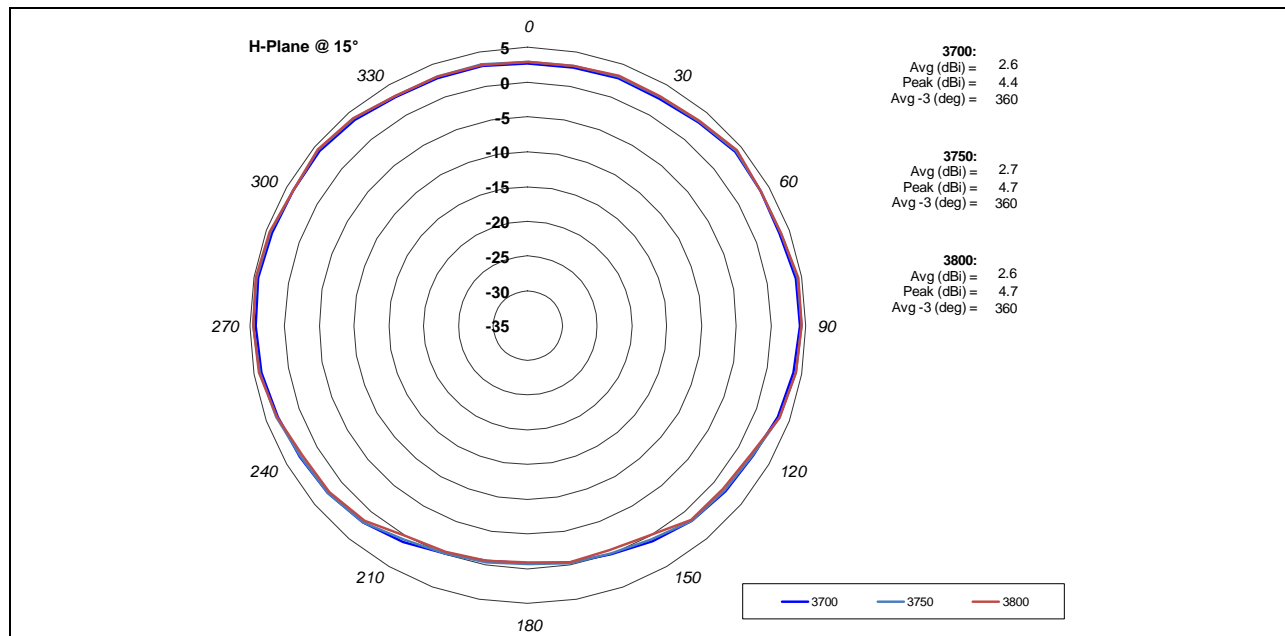
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**Series : ANTENNA**

**Horizontal Plane**



**Horizontal Plane**



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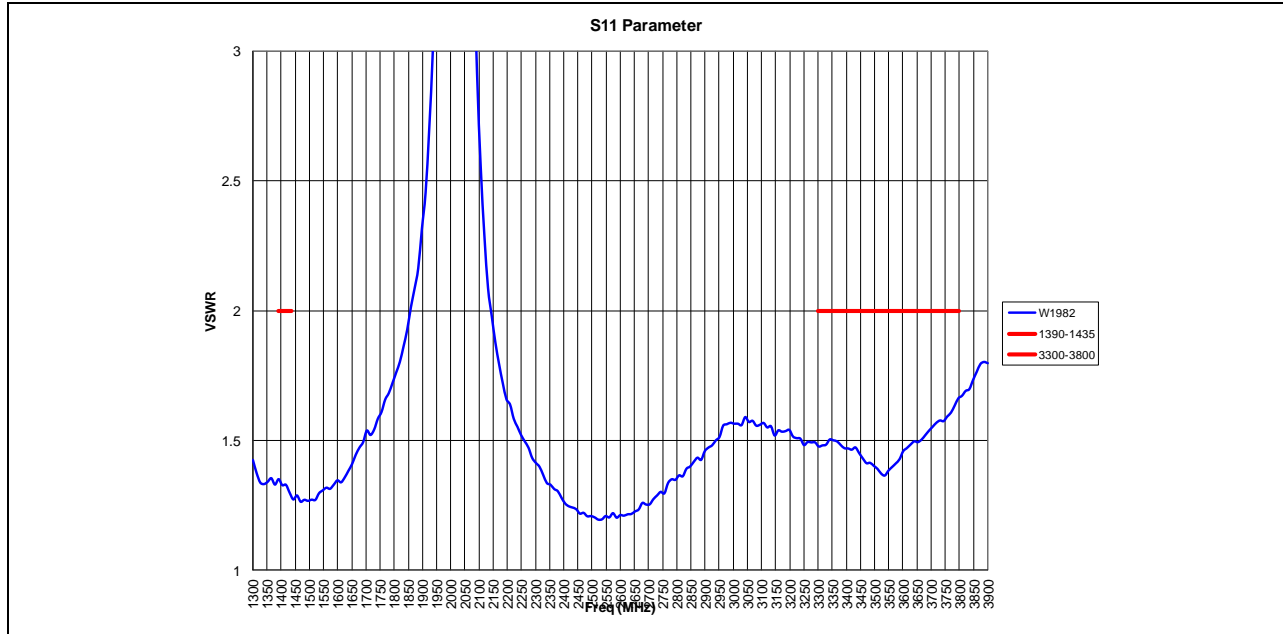
**Direct Mount LPT Style Antenna**

**1390-1435/3300-3800 MHz**

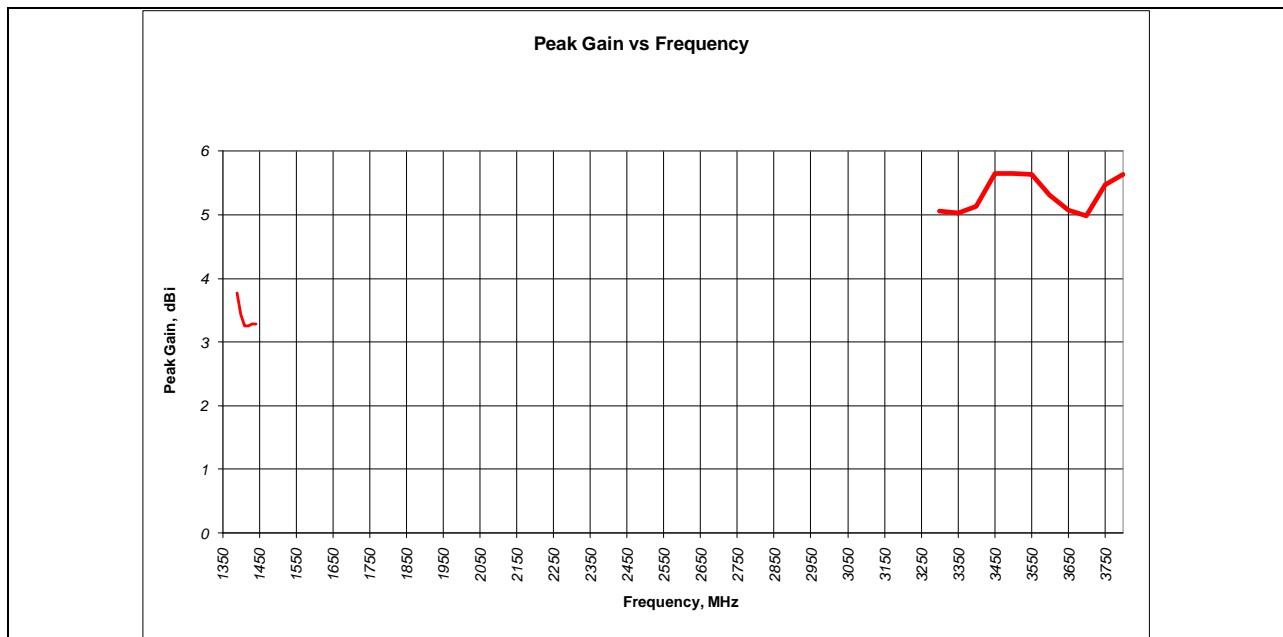
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Series : ANTENNA

**VSWR**



**Peak Gain**



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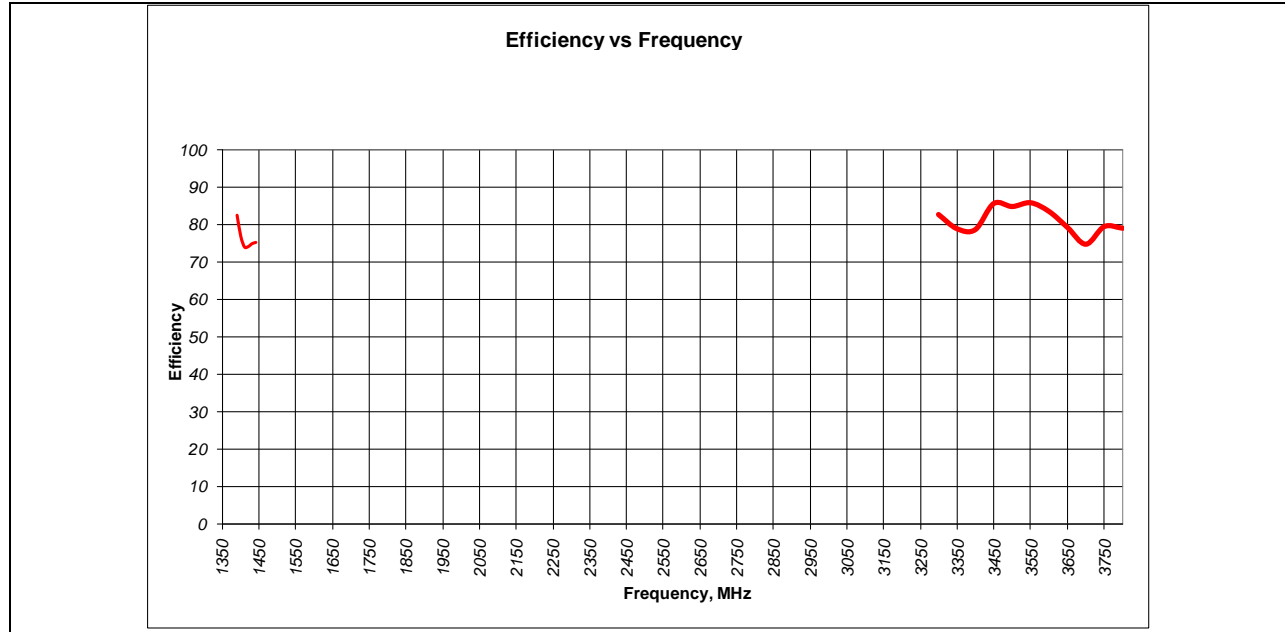
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**1390-1435/3300-3800 MHz**

**W1982**

Series : ANTENNA

**Efficiency**



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