

TEST REPORT

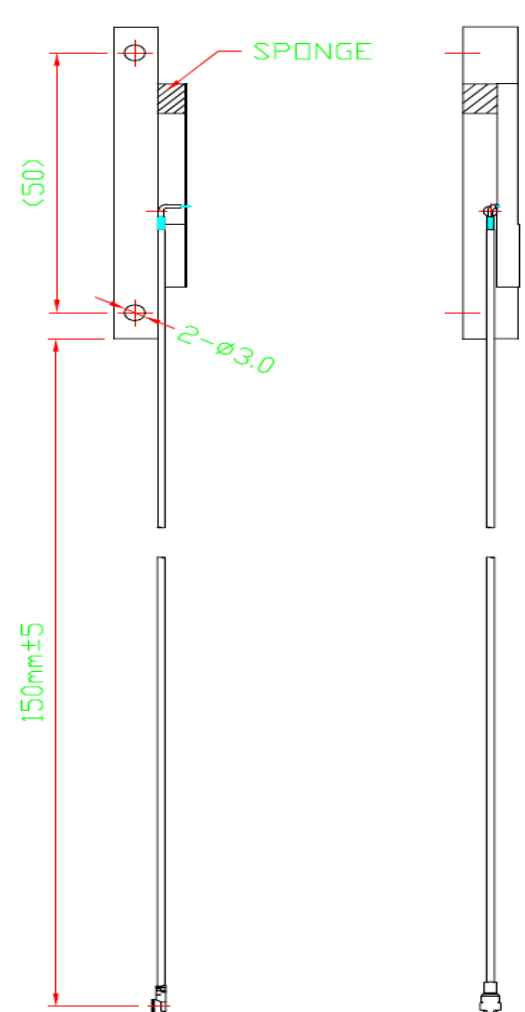
Part number : E42-1G241500S05


Date : 2008.04.15

Description : 2.4GHz Antenna PIFA + MI-113 + I-PEX L=150mm

Test Item & Result :

A1RFRD10		REVISION RECORD				
REV	ECO	DESCRIPTION	DRFT	CHKD		



DETACHED LISTS	<small>MM</small> <small>(INCH)</small>	DFTD CATHERINE	DATE 03/28/2006	<h3 style="margin: 0;">FULL RISE ELECTRONIC CO., LTD</h3>		
	TOLERANCES EXCEPT AS NOTED		CHKD Joe			DATE 06/22/06
			MFD LMJ			DATE 06/23/06
			APPVL Jeff			DATE 06/23/06
	<small>MM</small> .0 ± 0.1 .00 ± 0.05 .000 ± 0.01	<small>INCH</small> ± ± ±	MATERIAL :		TITLE	
ANGLES ± 0.5		QT'Y :		PIFA L=150mm		
 THIRD ANGLE PROJECTION		FINISH:		DRAWING NO. E42-1G241500S05		
SCALE : 1/1		DO NOT SCALE DRAWING		SHEET 1	OF 1	

6
5
4
3
2
1

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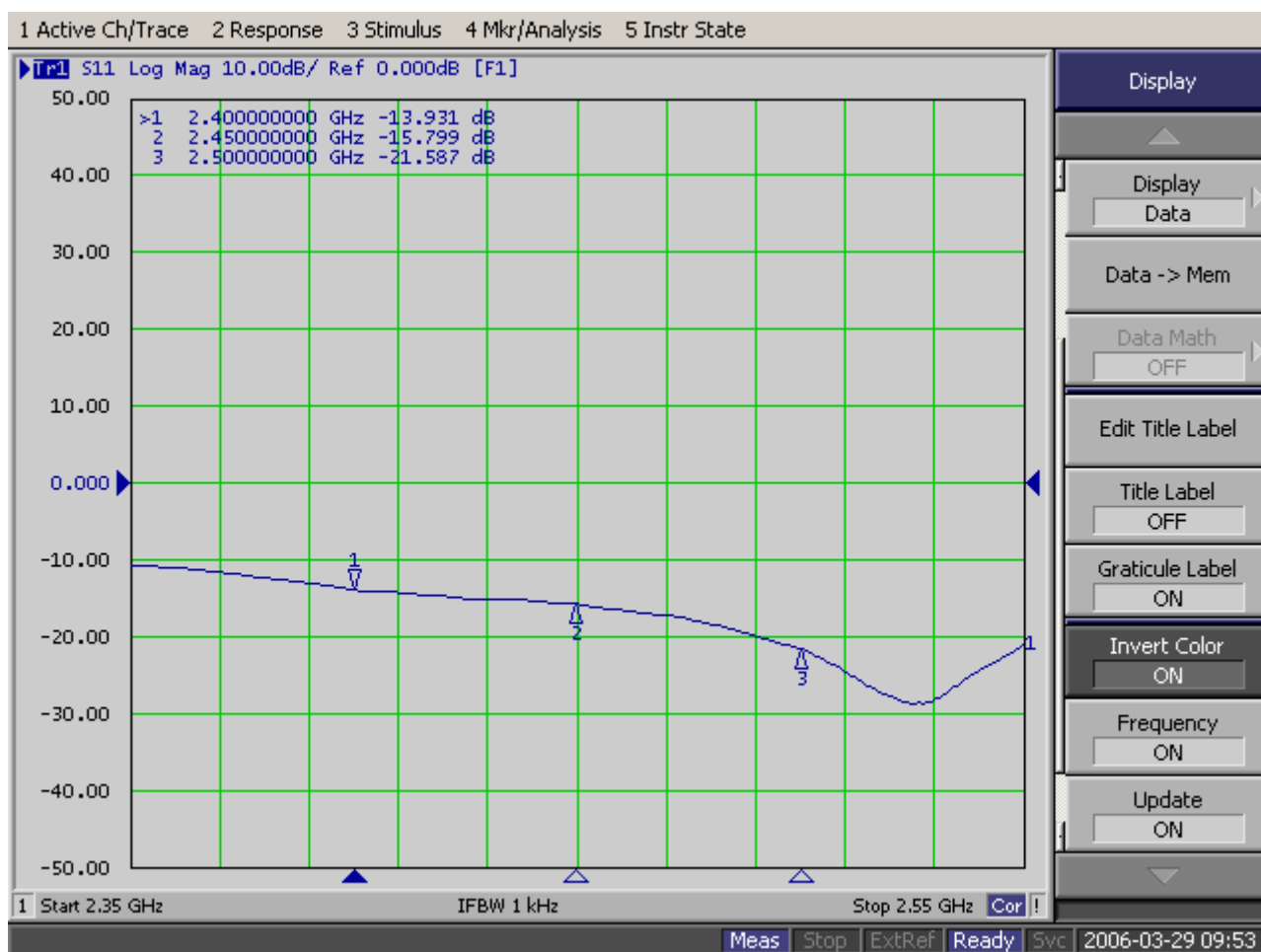
Test Item & Result :

◆Electrical Performance :

(1) **Return Loss : -10dB Maximum in Band**



Frequency	2.4 GHz	2.45 GHz	2.5 GHz
Return Loss	-13.931 dB	-15.799 dB	-21.587 dB



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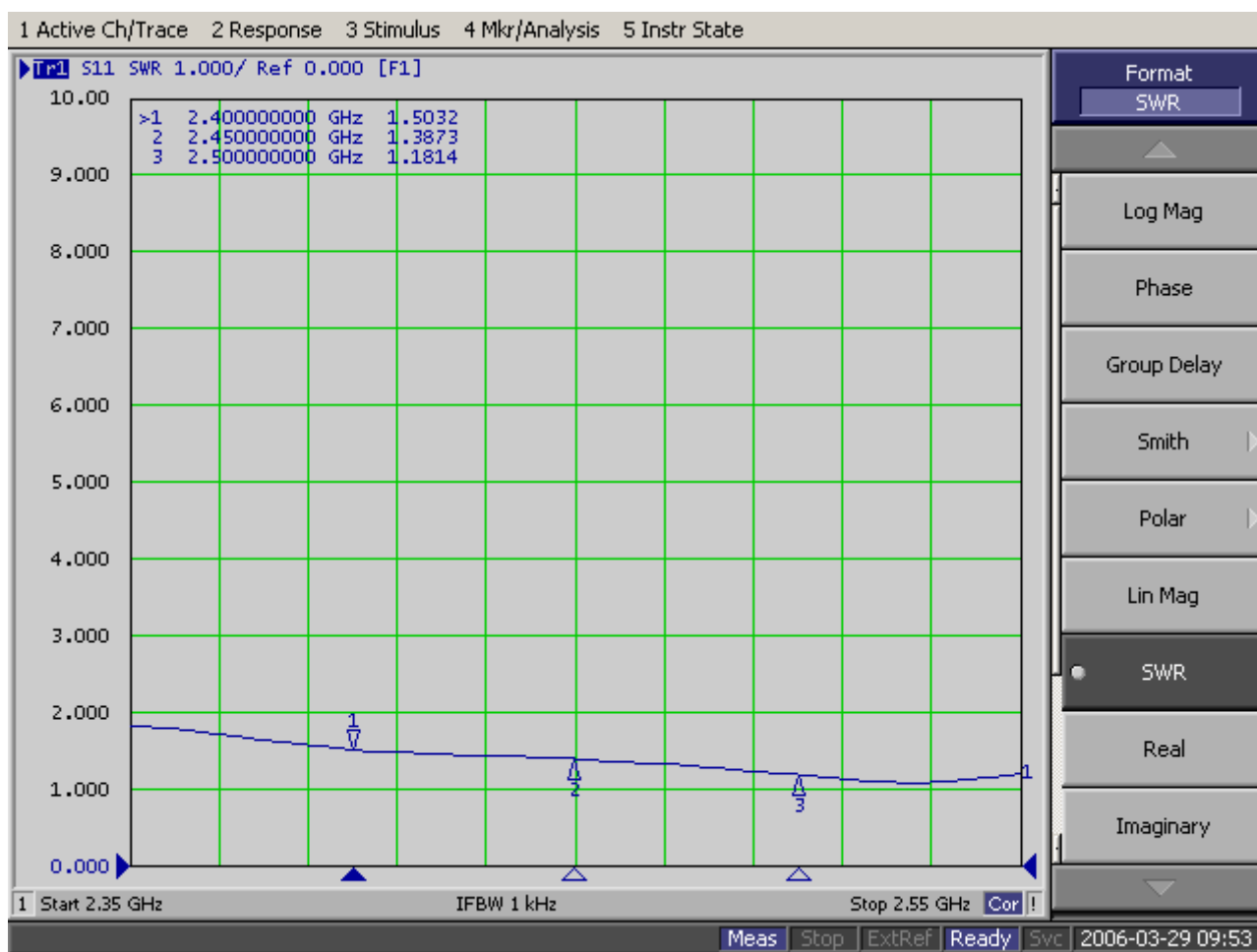
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Test Item & Result :

(2) **V.S.W.R. : 2.0 Maximum in Band**

Frequency	2.4 GHz	2.45 GHz	2.5 GHz
V.S.W.R.	1.5032	1.3873	1.1814



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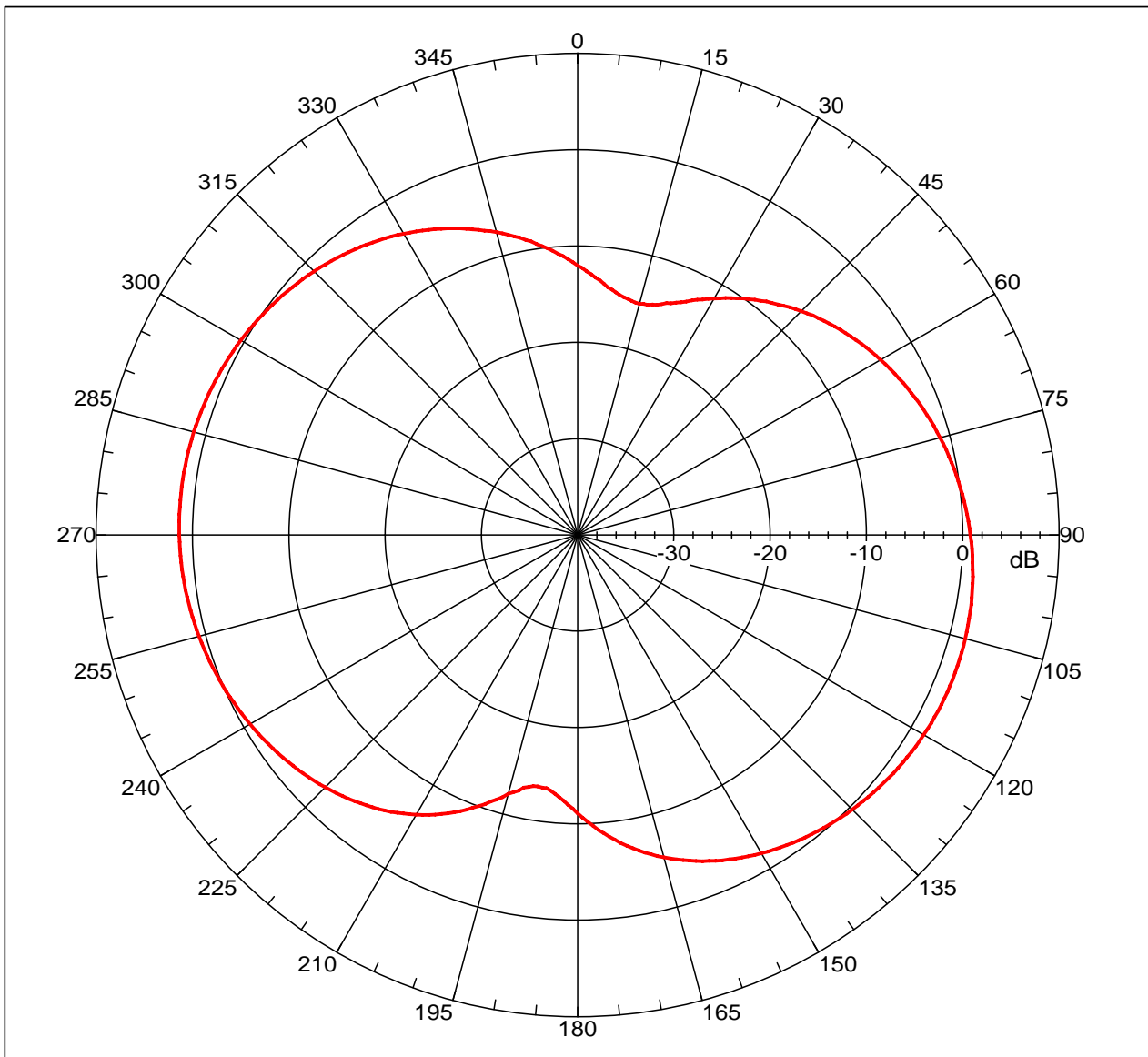
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(3) Gain & Pattern :

E-Plane 2.4GHz 1.72651dBi
Avg. -4.035dBi



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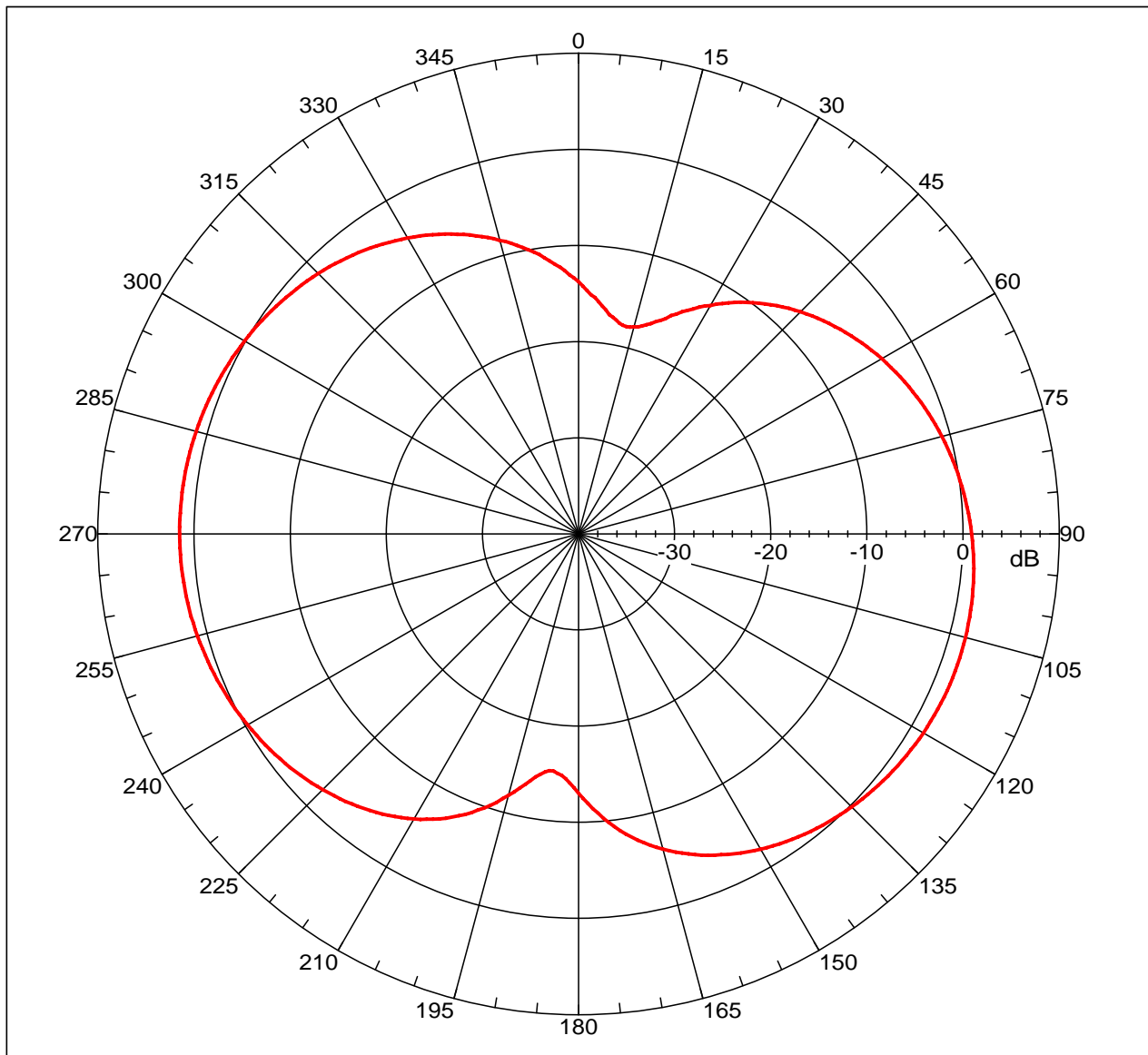
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Test Item & Result :

E-Plane 2.45GHz 1.70065dBi
Avg. -4.383dBi



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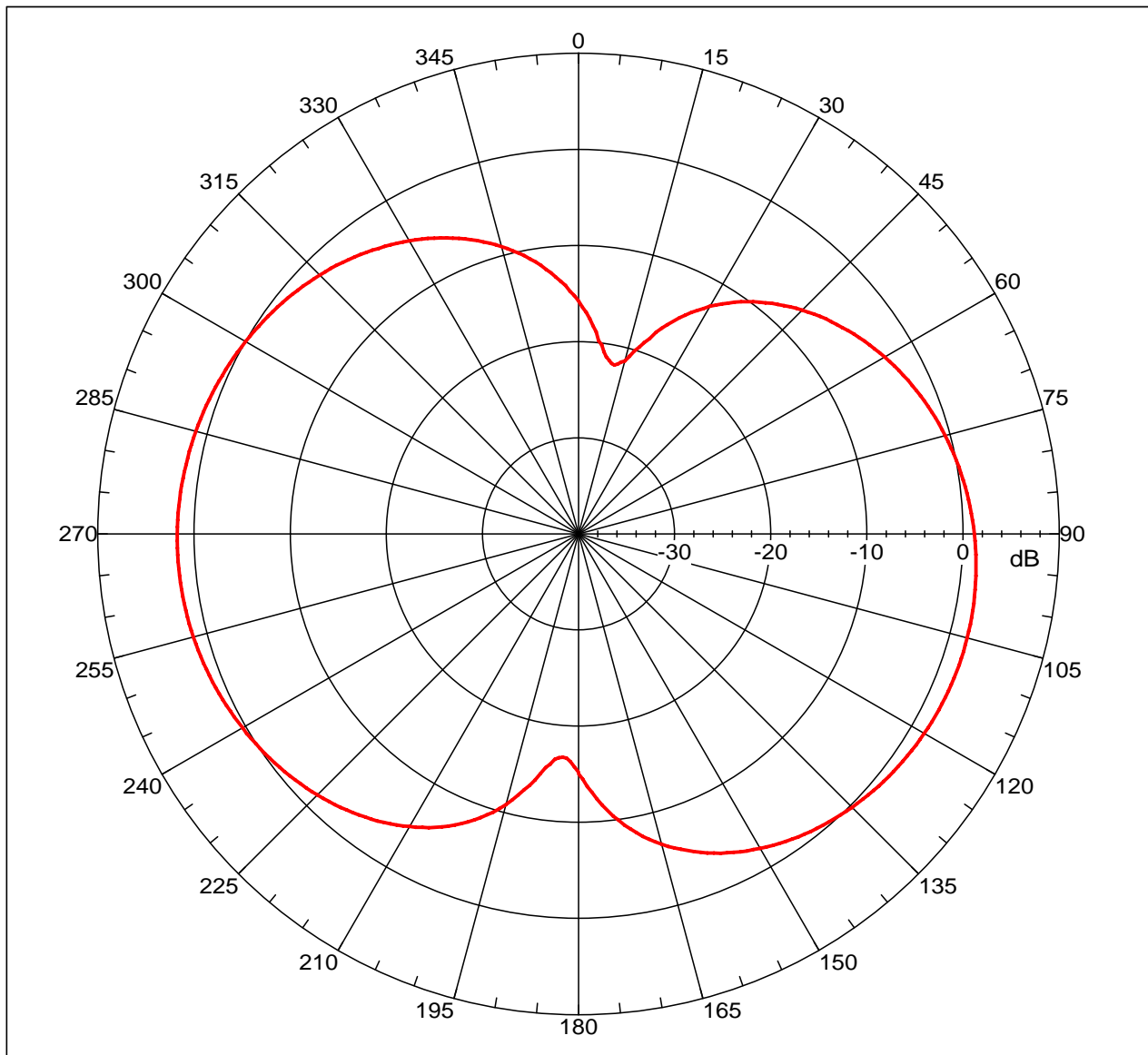
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Description : 2.4GHz Antenna PIFA + MI-113 + I-PEX L=150mm

Test Item & Result :

E-Plane 2.5GHz 1.8684dBi
Avg. -4.555dBi



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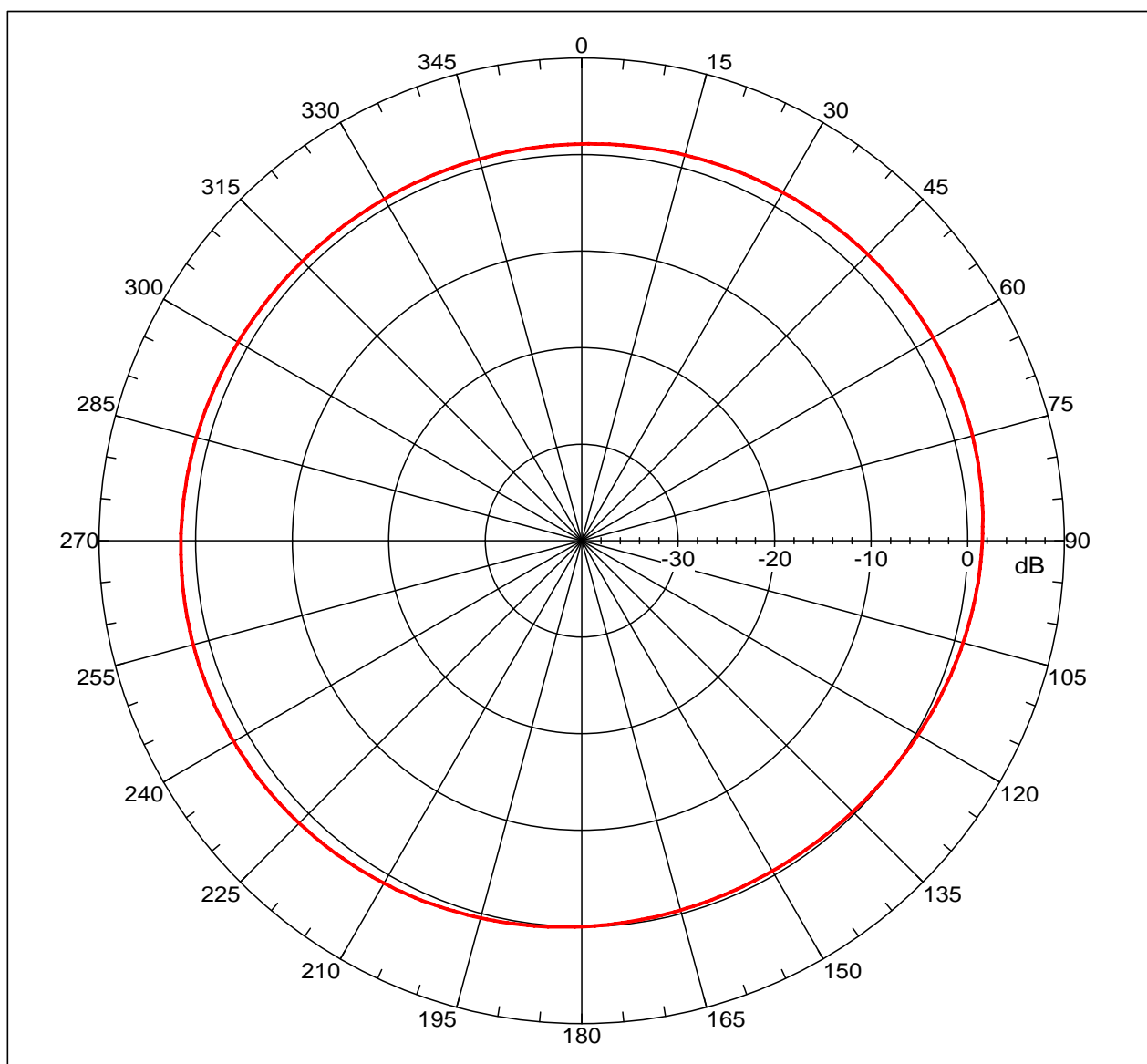
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Description : 2.4GHz Antenna PIFA + MI-113 + I-PEX L=150mm

Test Item & Result :

H-Plane 2.4GHz 2.04974dBi
Avg. 0.996dBi



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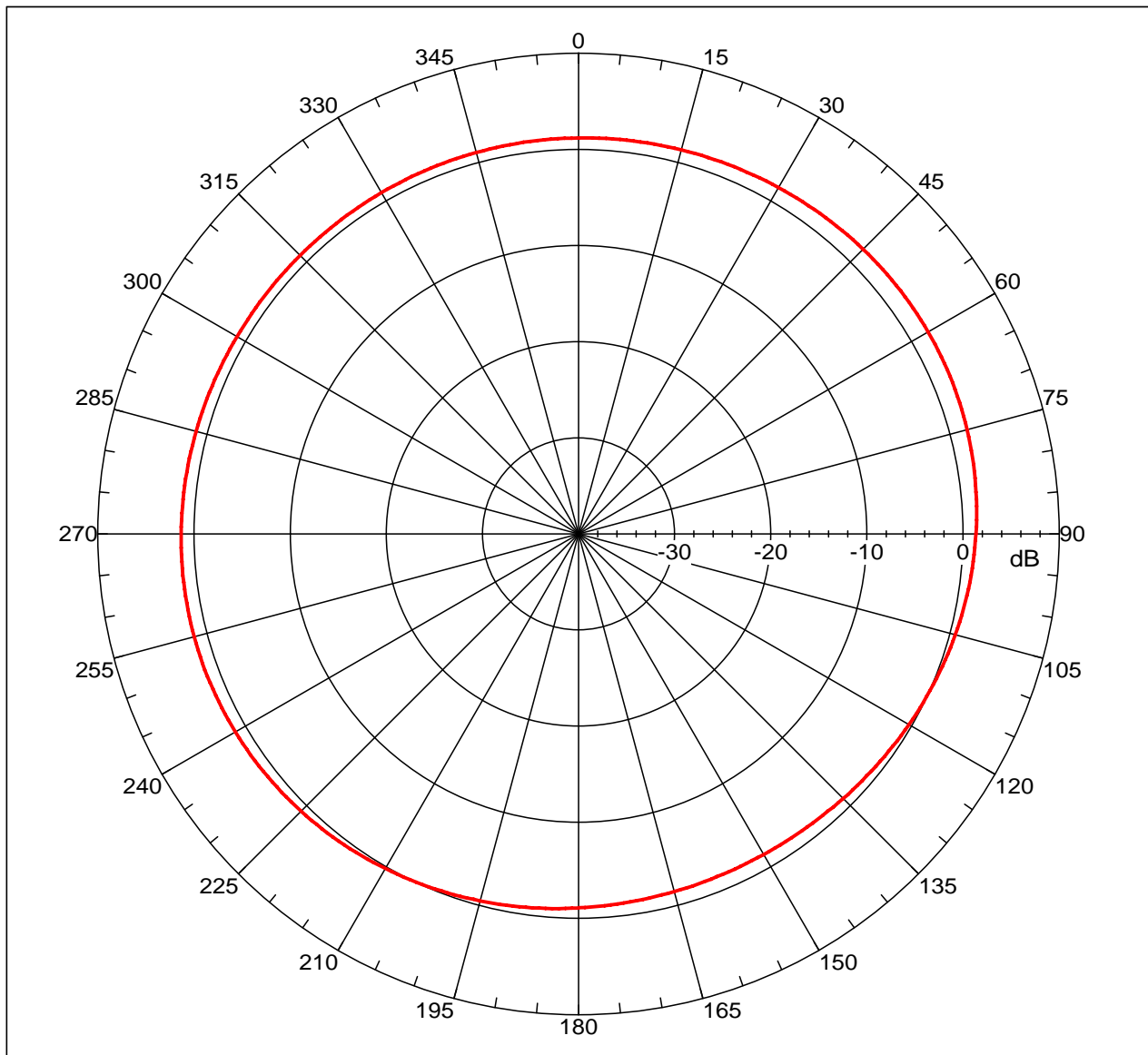
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Test Item & Result :

H-Plane 2.45GHz 1.99777dBi
Avg. 0.650dBi



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Description : 2.4GHz Antenna PIFA + MI-113 + I-PEX L=150mm

Test Item & Result :

H-Plane 2.5GHz 1.8782dBi
Avg. 0.428dBi

