

PSA 華科事業群
PASSIVE SYSTEM ALLIANCE

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華新科技股份有限公司
Walsin Technology Corporation

HannStar
Board

WTC

PDC

ITC

HannStar Color
(Shanghai)

Customer

Rambao Weiye

Part No.

ML80

Authorized By

Zuo Zhaoxin

Date

2021/05/16

OUTLINE

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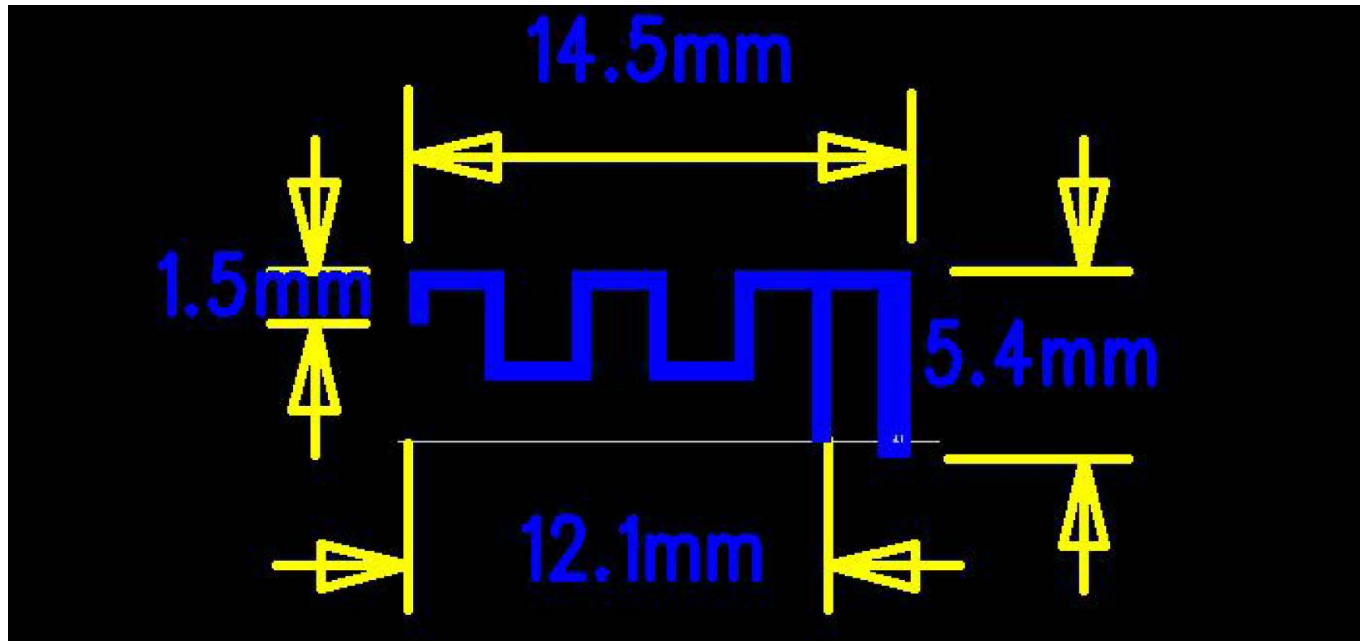
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1. Measurement Information

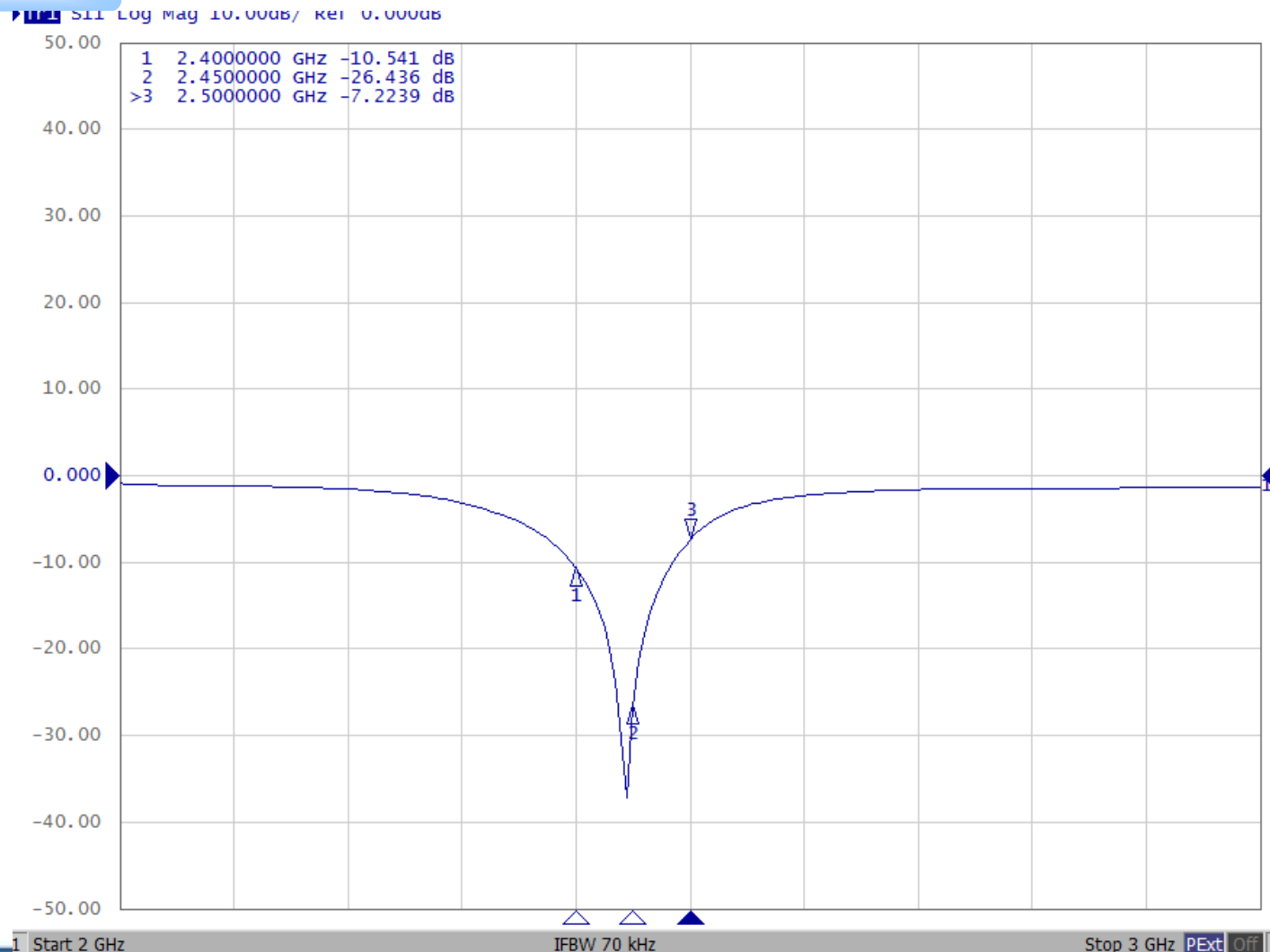
1.1 Antenna parameter

Antenna Type: PCB Antenna

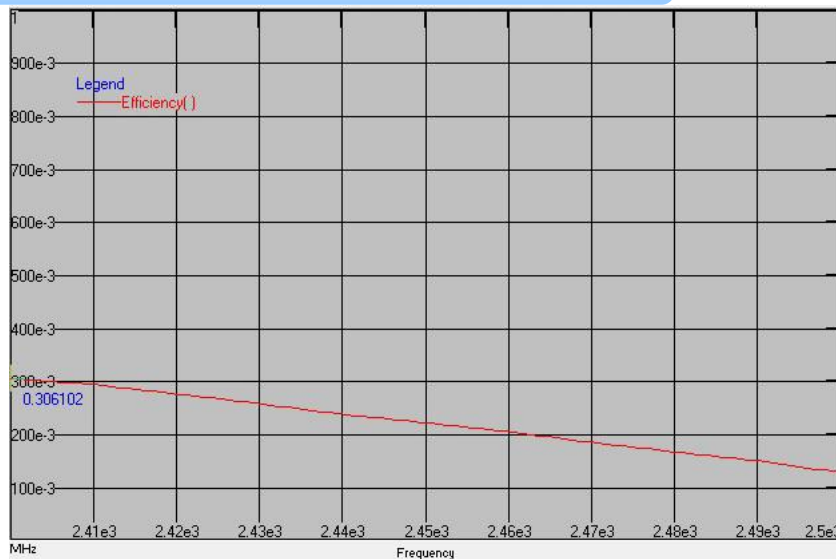


2. Antenna Characteristics

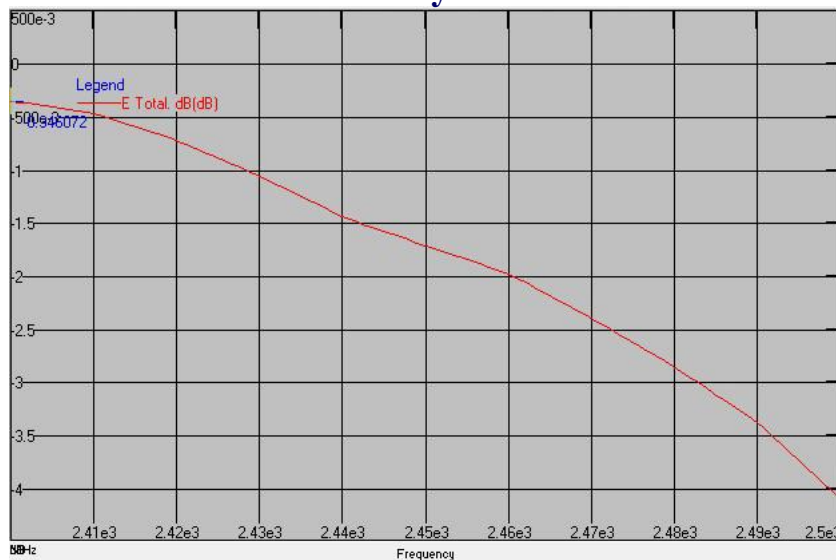
2.1 Return Loss



2.3 Antenna Efficiency and Peak Gain

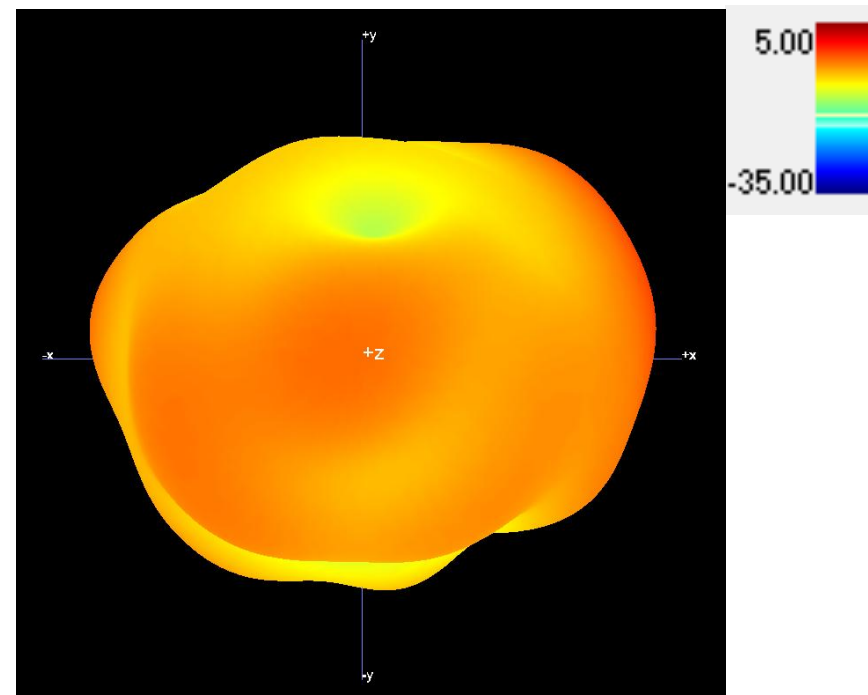


Maximum Efficiency at 2400 MHz : 30.61 %

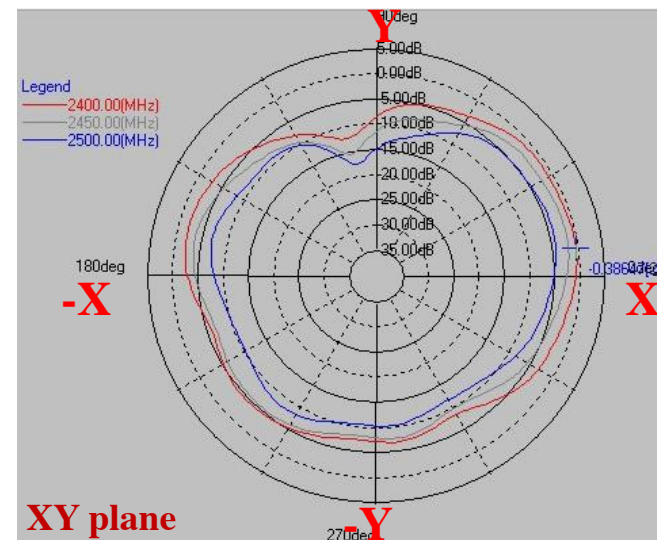
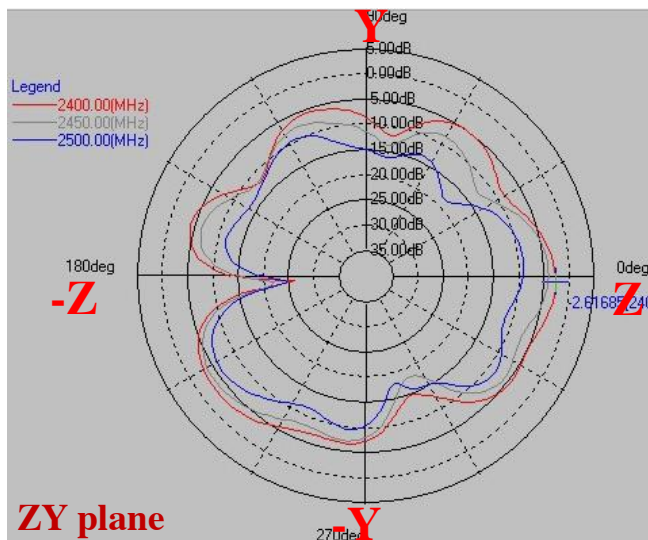
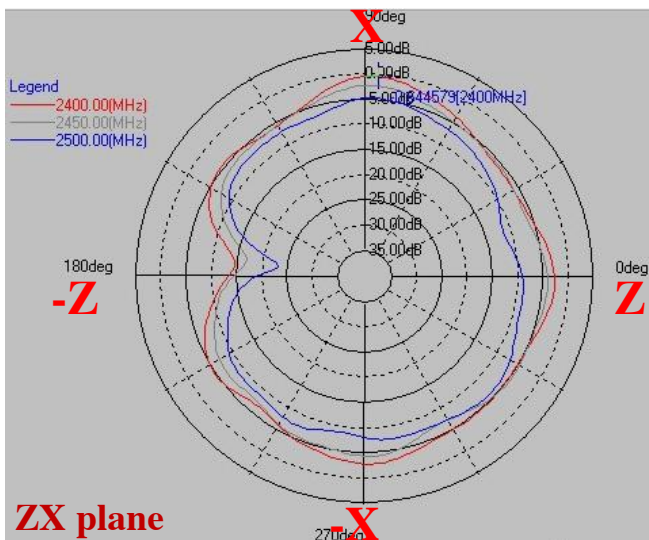


Maximum Peak Gain at 2400 MHz : -0.34 dBi

2450 MHz



2.4 2D Radiation Patterns



	ZX plane		ZY plane		XY plane	
Frequency [MHz]	Max Value [dB]	Average [dB]	Max Value [dB]	Average [dB]	Max Value [dB]	Average [dB]
2400	-0.64	-4.64	-2.62	-6.26	-0.34	-4.03
2450	-2.48	-5.80	-3.89	-7.98	-1.78	-5.73
2500	-4.99	-8.24	-6.19	-11.23	-4.15	-8.36

3. Summary



	Efficiency(%)	Peak gain(dBi)
ANT_2G	30.61	-0.34