Antenna specification

Manufacturer:Targetever (GuangDong) Technology Co.Ltd.
Address:Building 10, Floors 2-11th, and Building 11, Floors 1-11th, Lang Yuan, 16 Chenghai Avenue, Chenjiang Street, Zhongkai High-Tech Zone, Huizhou China

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▸Company Name	*Shenzhen Innosystem Technology Ltd*
▸Company address	F2 Building 3 Shenzhen Software Park Technology Middle 2 Rd Gao Xin Science & Technology Park North, S.Z

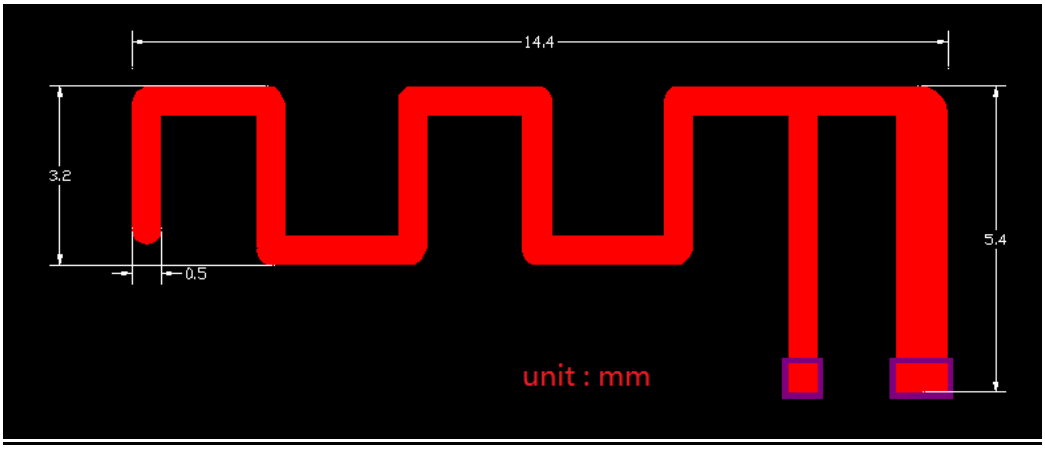
Antenna model: MP341 V1.0

APPlications

※Bluetooth Home RF

※ISM band 2.4GHz applications

1. Dimensions



2. Specifications

number	Item	Specifications
1	Working Central Frequency	2441 MHz
2	Band Width	(2402-2480)MHz
3	Gain	0dBi
4	VSWR	≤2.0
5	Antenna type	PCB antenna
6	Azimuth Beam width	Omni - directional
7	Impedance	50ohm
8	Modulation mode	GFSK

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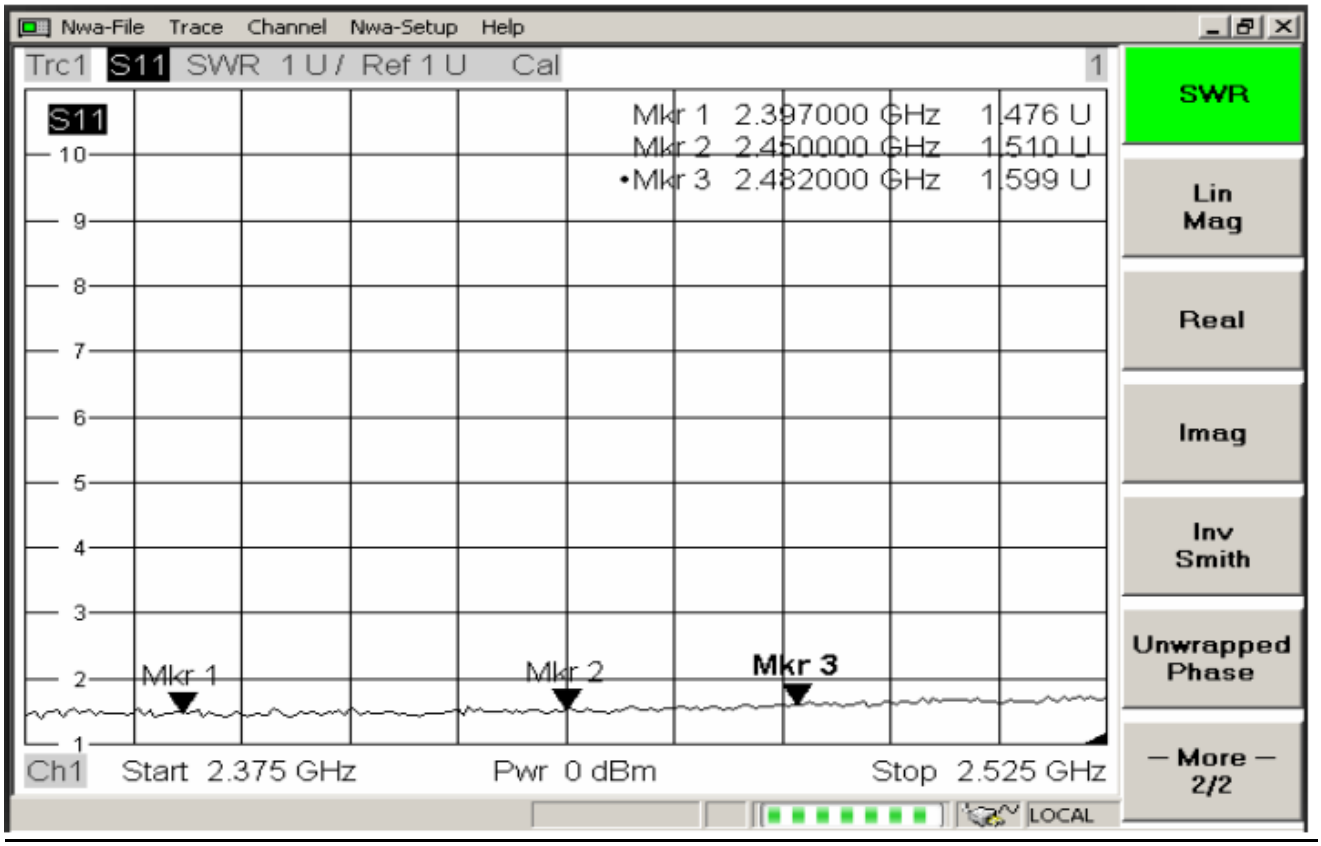
3. simulation parameter

① VSWR

Mkr1: 2397MHz 1.47 Mkr2: 2450MHz 1.51 Mkr3: 2482 MHz 1.59



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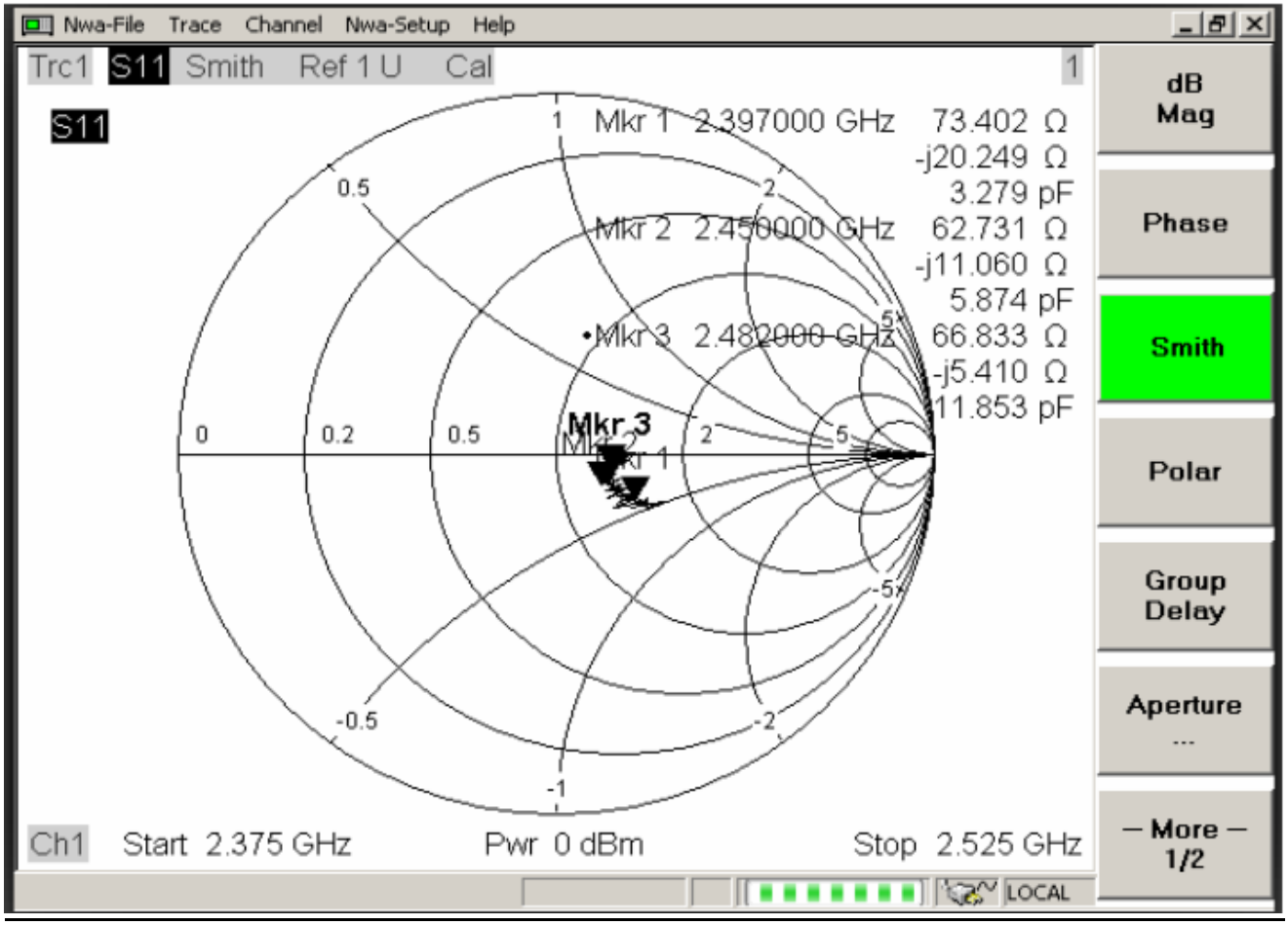
②Smith Char

Mkr1: 2397MHz 73.4　　Mkr2: 2450MHz 62.7　　Mkr3: 2482MHz 66.8



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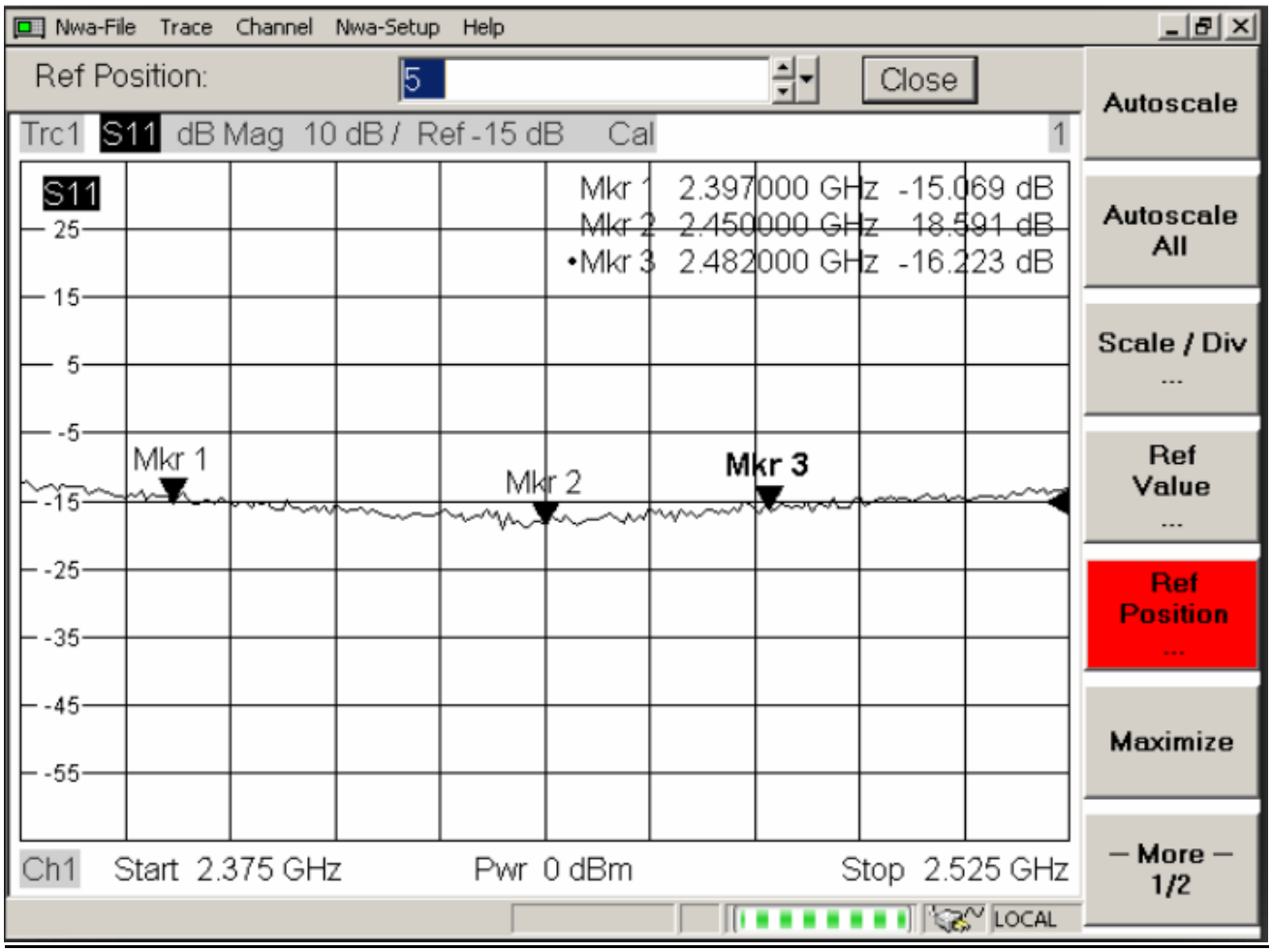
③Return Loss

Mkr1: 2397MHz -15 Mkr2: 2450MHz -18 Mkr3: 2482 MHz -16



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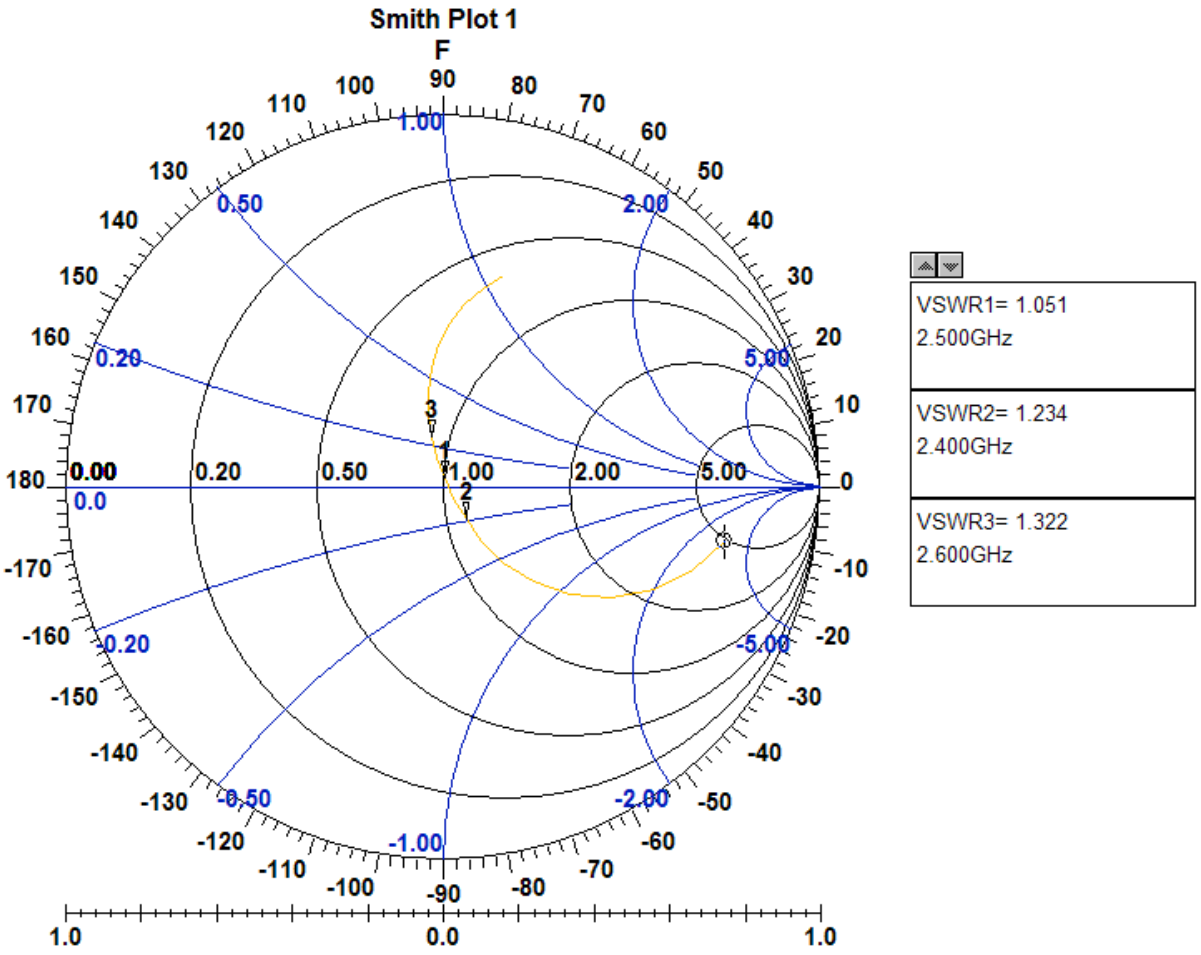
④Smith Char

Mkr1: 2400MHz 1.234 Mkr2: 2500MHz 1.051Mkr3: 2600MHz 1.322



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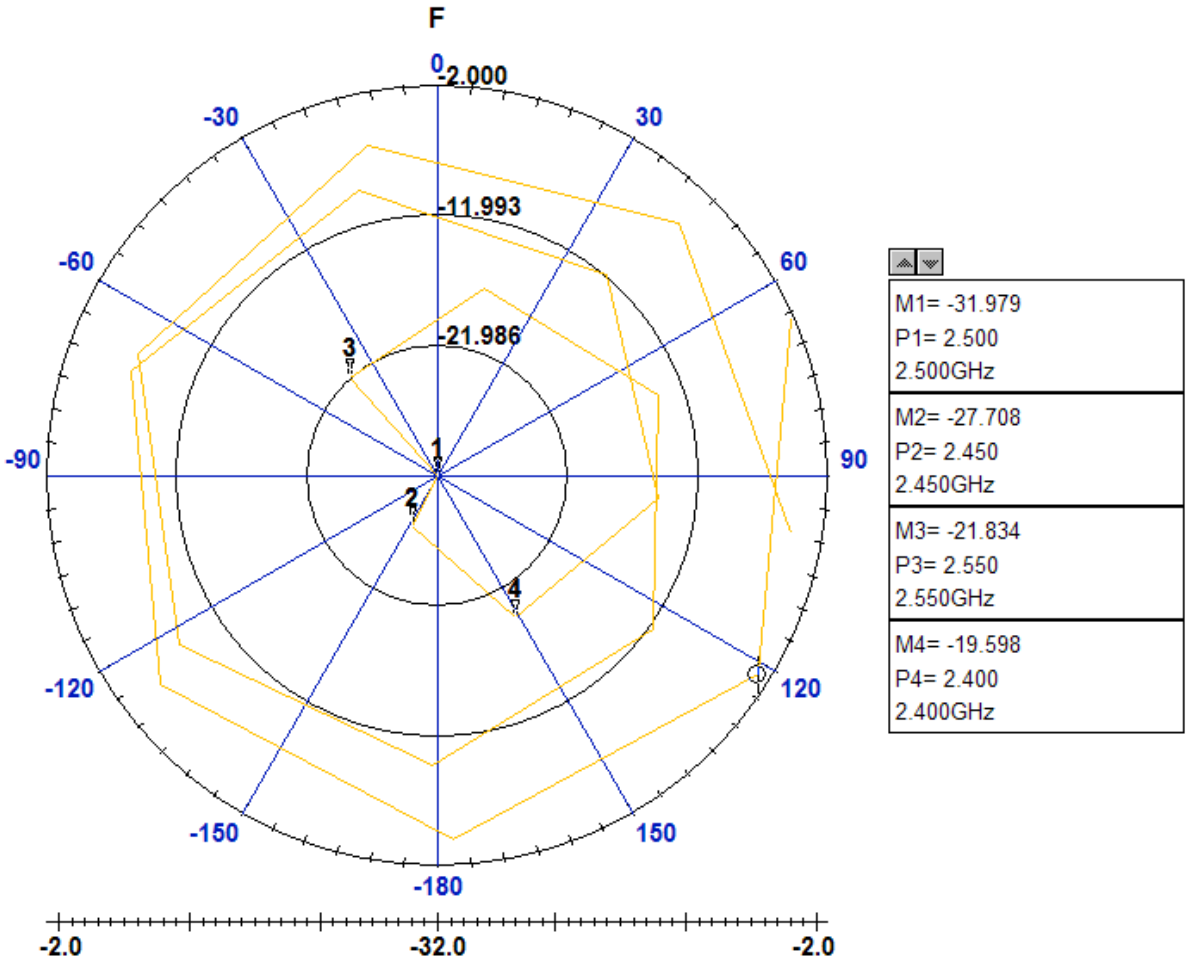
⑤Return Loss

Mkr1: 2400MHz -19.59 Mkr2: 2450MHz -27.70Mkr3: 2500MHz -31.97 Mkr4: 2550MHz -21.83

`



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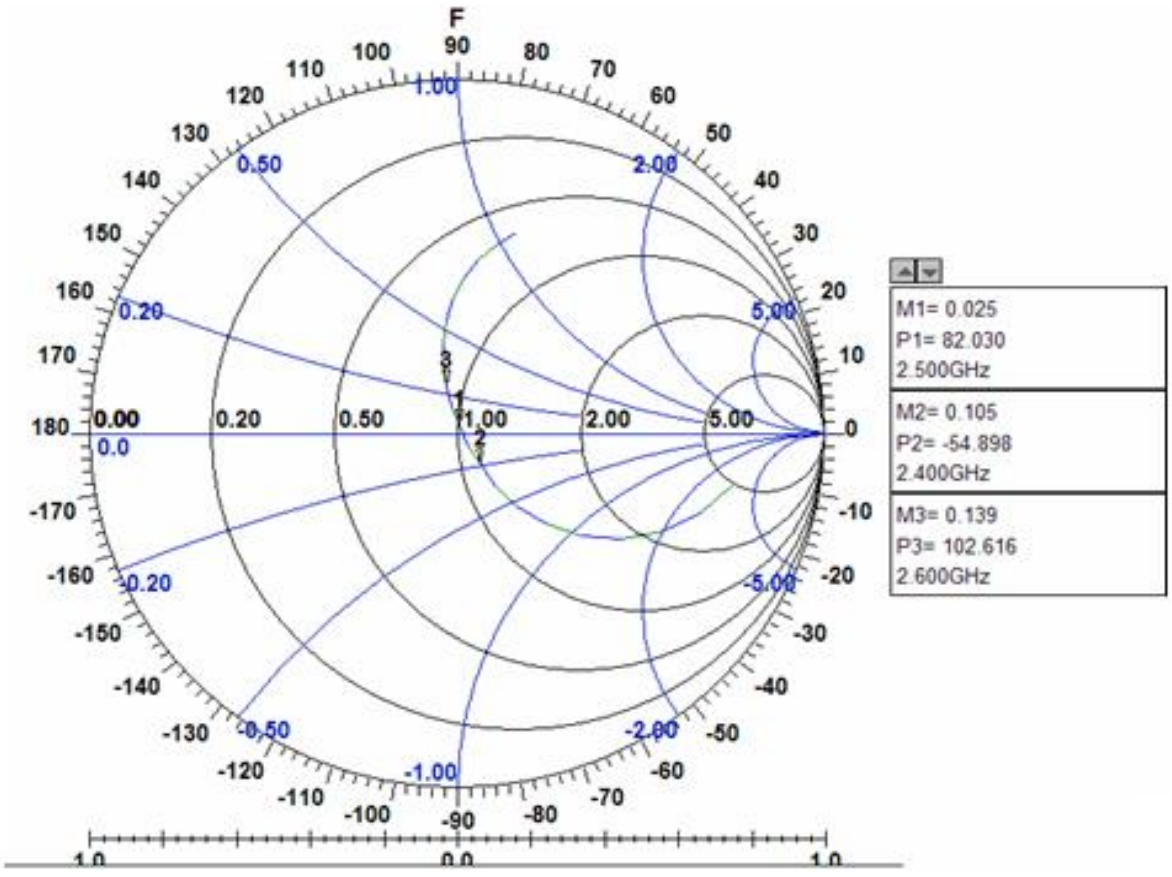
⑥Phase

Mkr1: 2400MHz -54.89 Mkr2: 2500MHz -82.03 Mkr3: 2600MHz -102.6



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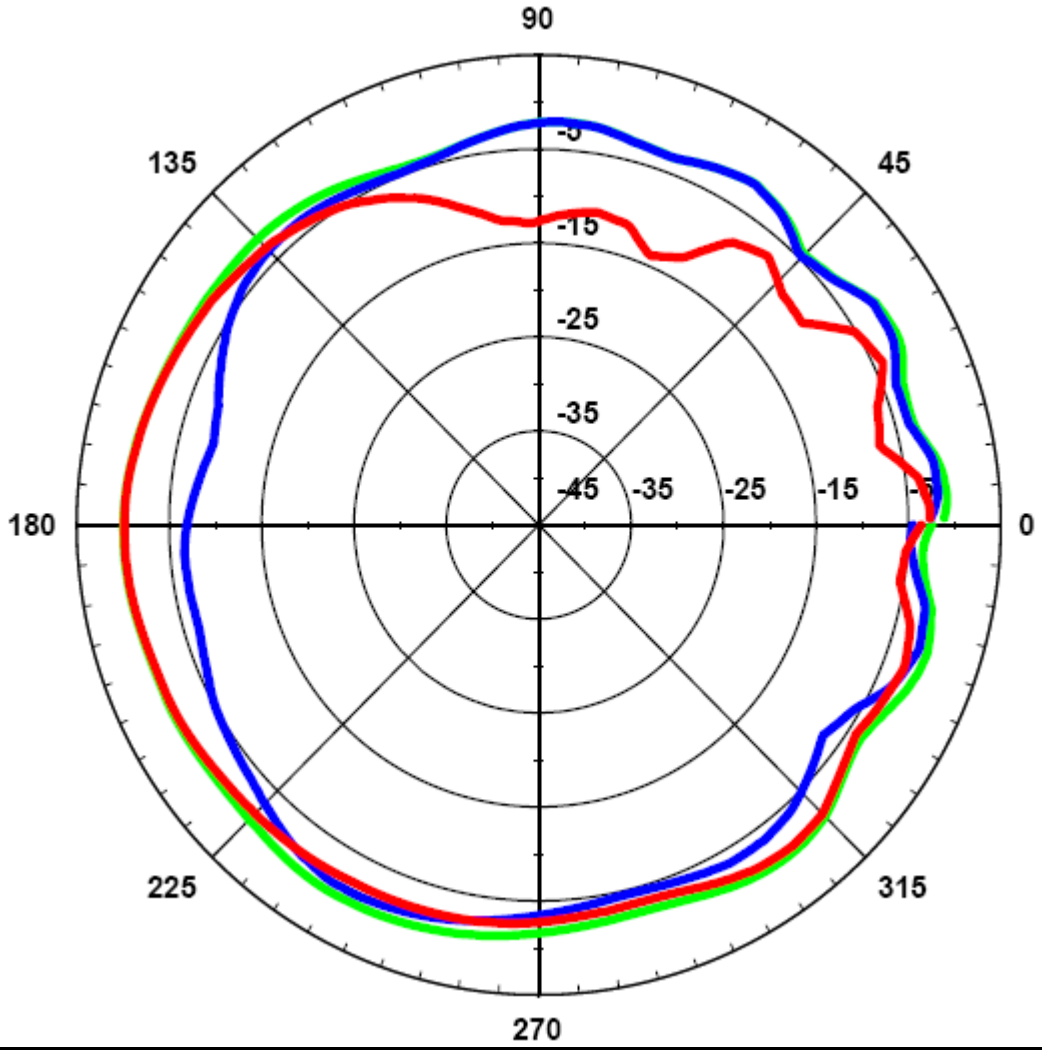
4. Radiation Pattems

XY-plane
XZ-plane
YZ-plane



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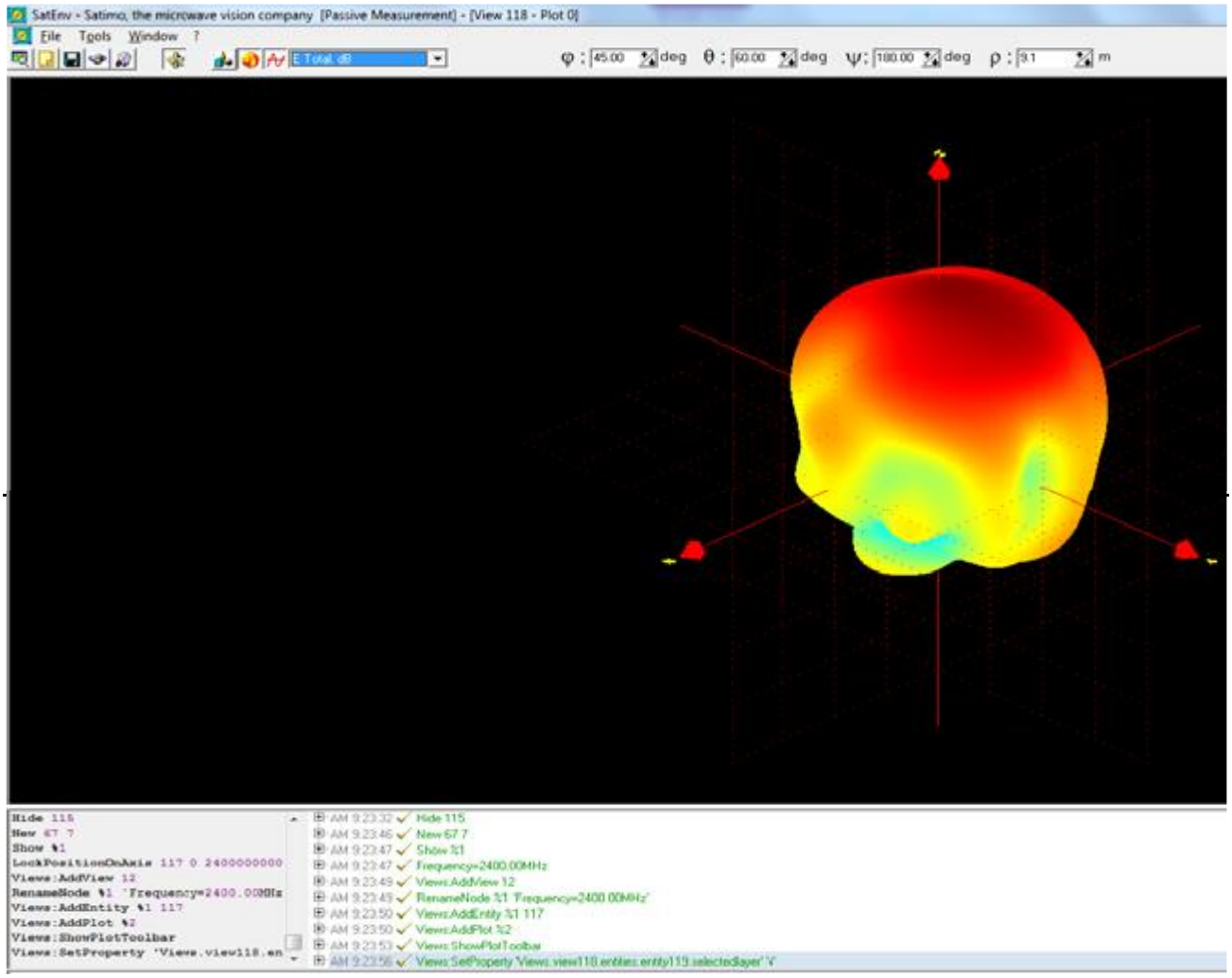
- 3DRadiation pattern



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