



## 技术规格书

### 标准增益喇叭天线

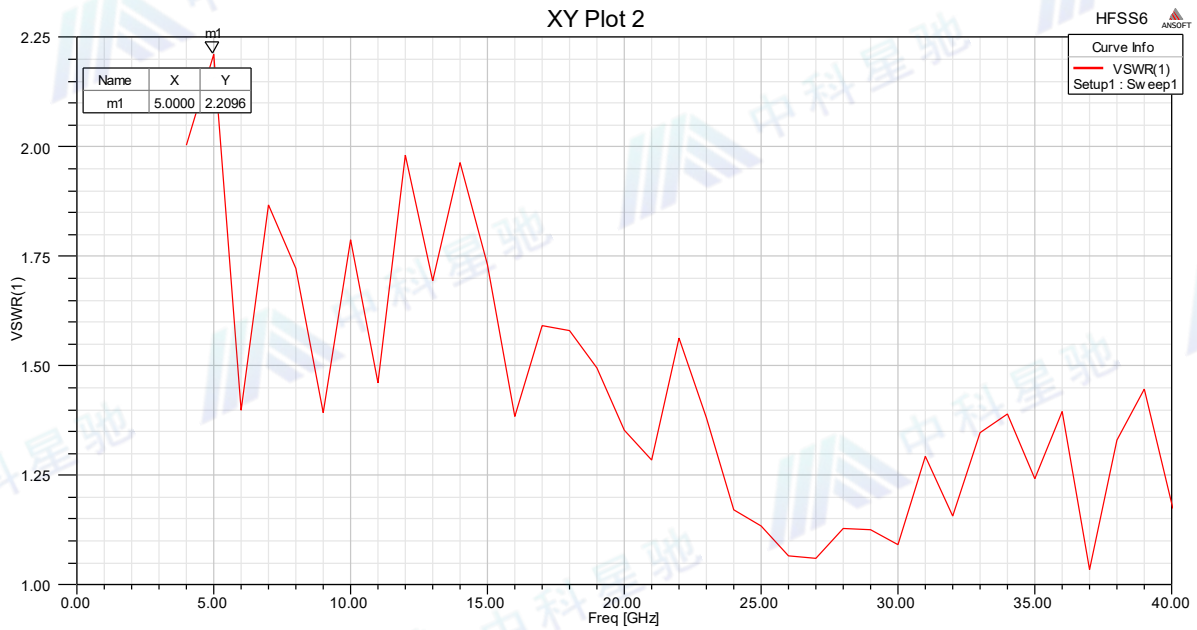
| 项目   | 指标           | 单位  |
|------|--------------|-----|
| 型号   | ZK-KDLB40400 |     |
| 频率   | 4-40         | GHz |
| 增益   | 10 典型值       | dB  |
| 驻波   | 1.5 典型值      |     |
| 极化方式 | 线极化          |     |
| 接头   | 2.92mm-50K   |     |
| 功率   | 20 最大        |     |
| 材料   | 铝            |     |
| 颜色   | 海灰色          |     |
| 尺寸   | 54*23*19.5   | mm  |





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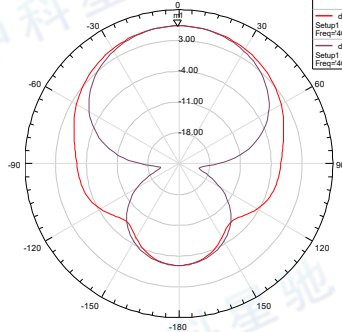
驻波:



增益:

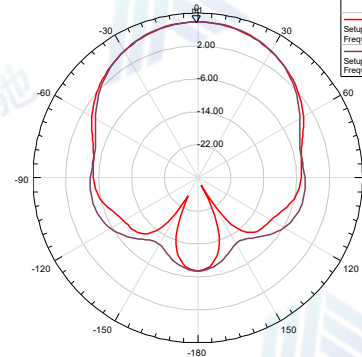
| Name | Theta  | Ang    | Mag    |
|------|--------|--------|--------|
| m1   | 0.0000 | 0.0000 | 6.3219 |

Radiation Pattern 1



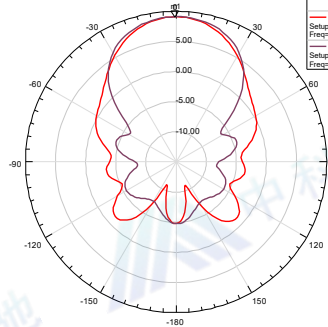
| Name | Theta  | Ang    | Mag    |
|------|--------|--------|--------|
| m1   | 0.0000 | 0.0000 | 7.8861 |

Radiation Pattern 1



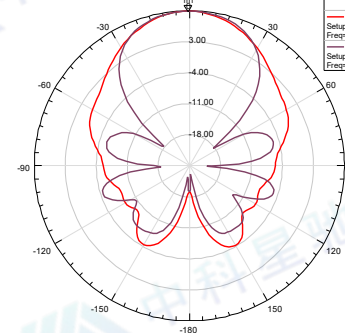
| Name | Theta  | Ang    | Mag    |
|------|--------|--------|--------|
| m1   | 0.0000 | 0.0000 | 9.1068 |

Radiation Pattern 1



| Name | Theta  | Ang    | Mag    |
|------|--------|--------|--------|
| m1   | 0.0000 | 0.0000 | 9.9038 |

Radiation Pattern 1



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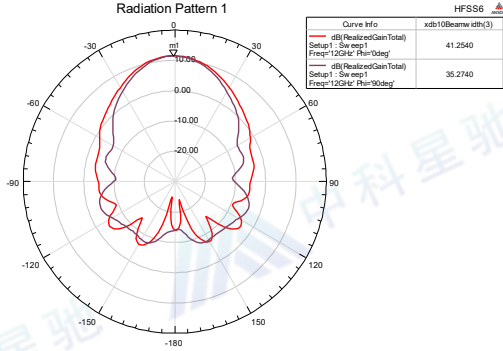
邮箱: [salesdirector@a-microem.com](mailto:salesdirector@a-microem.com)

座机: (+86) 028-89541190

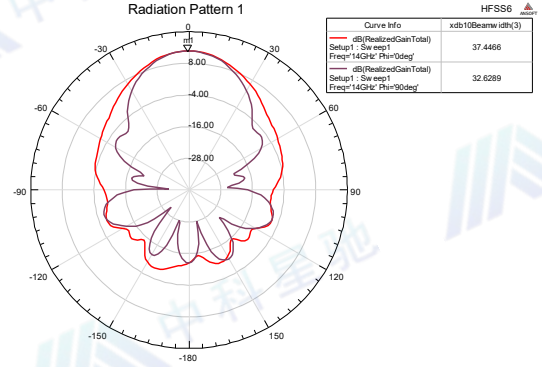


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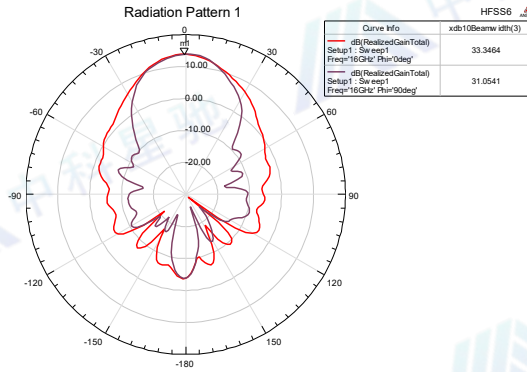
| Name | Theta  | Ang    | Mag     |
|------|--------|--------|---------|
| mt   | 0.0000 | 0.0000 | 11.5298 |



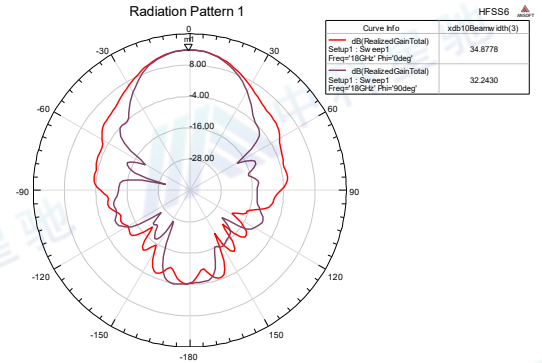
| Name | Theta  | Ang    | Mag     |
|------|--------|--------|---------|
| mt   | 0.0000 | 0.0000 | 12.6999 |



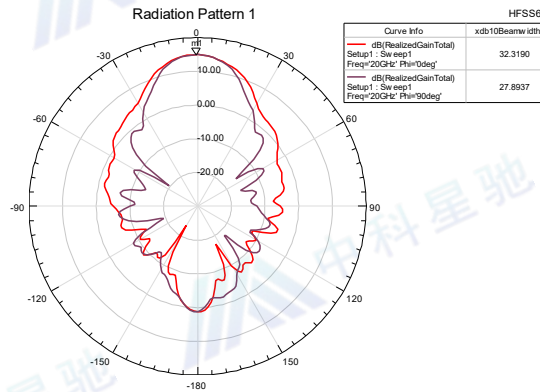
| Name | Theta  | Ang    | Mag     |
|------|--------|--------|---------|
| mt   | 0.0000 | 0.0000 | 13.8597 |



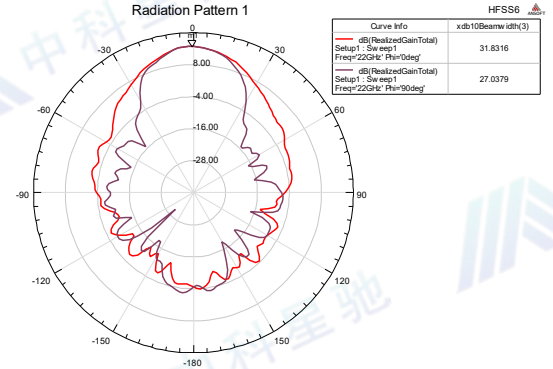
| Name | Theta  | Ang    | Mag     |
|------|--------|--------|---------|
| mt   | 0.0000 | 0.0000 | 13.9140 |



| Name | Theta  | Ang    | Mag     |
|------|--------|--------|---------|
| mt   | 0.0000 | 0.0000 | 14.9449 |



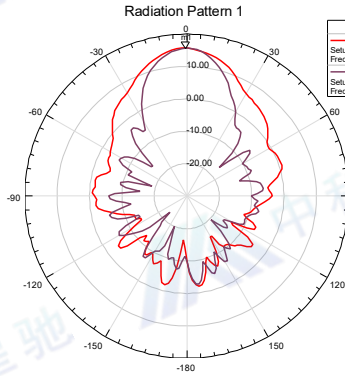
| Name | Theta  | Ang    | Mag     |
|------|--------|--------|---------|
| mt   | 0.0000 | 0.0000 | 14.9193 |





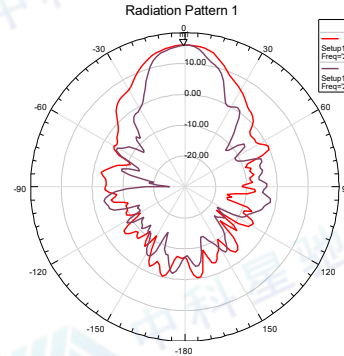
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| Name | Theta  | Ang    | Mag     |
|------|--------|--------|---------|
| ml   | 0.0000 | 0.0000 | 15.6635 |



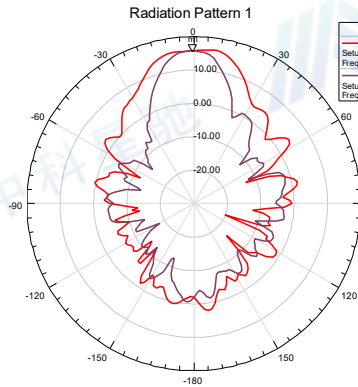
| Curve Info                               | xdb10Beamw dth(3) |
|------------------------------------------|-------------------|
| dB(RealizedGainTotal)                    | 30.7966           |
| Setup1: Sww exp1<br>Freq=26GHz Pht=0deg  | 22.5624           |
| dB(RealizedGainTotal)                    |                   |
| Setup1: Sww exp1<br>Freq=26GHz Pht=90deg |                   |

| Name | Theta  | Ang    | Mag     |
|------|--------|--------|---------|
| ml   | 0.0000 | 0.0000 | 16.0353 |



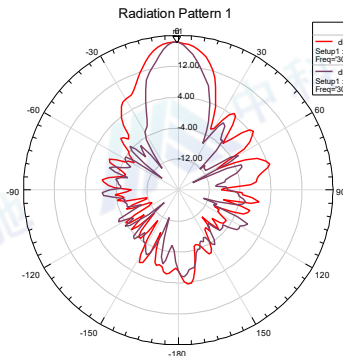
| Curve Info                               | xdb10Beamw dth(3) |
|------------------------------------------|-------------------|
| dB(RealizedGainTotal)                    | 31.0280           |
| Setup1: Sww exp1<br>Freq=26GHz Pht=0deg  | 21.4802           |
| dB(RealizedGainTotal)                    |                   |
| Setup1: Sww exp1<br>Freq=26GHz Pht=90deg |                   |

| Name | Theta  | Ang    | Mag     |
|------|--------|--------|---------|
| ml   | 0.0000 | 0.0000 | 15.7217 |



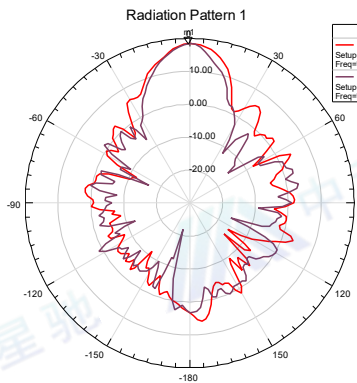
| Curve Info                               | xdb10Beamw dth(3) |
|------------------------------------------|-------------------|
| dB(RealizedGainTotal)                    | 33.7530           |
| Setup1: Sww exp1<br>Freq=28GHz Pht=0deg  | 20.9382           |
| dB(RealizedGainTotal)                    |                   |
| Setup1: Sww exp1<br>Freq=28GHz Pht=90deg |                   |

| Name | Theta  | Ang    | Mag     |
|------|--------|--------|---------|
| ml   | 0.0000 | 0.0000 | 18.1577 |



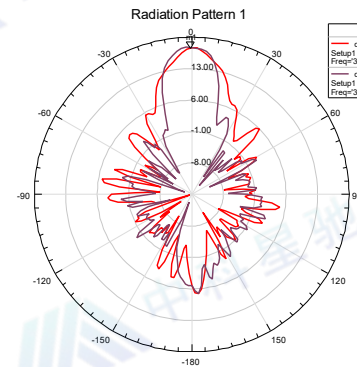
| Curve Info                               | xdb10Beamw dth(3) |
|------------------------------------------|-------------------|
| dB(RealizedGainTotal)                    | 24.0862           |
| Setup1: Sww exp1<br>Freq=30GHz Pht=0deg  | 13.9931           |
| dB(RealizedGainTotal)                    |                   |
| Setup1: Sww exp1<br>Freq=30GHz Pht=90deg |                   |

| Name | Theta  | Ang    | Mag     |
|------|--------|--------|---------|
| ml   | 0.0000 | 0.0000 | 18.4324 |



| Curve Info                               | xdb10Beamw dth(3) |
|------------------------------------------|-------------------|
| dB(RealizedGainTotal)                    | 20.6257           |
| Setup1: Sww exp1<br>Freq=32GHz Pht=0deg  | 15.6325           |
| dB(RealizedGainTotal)                    |                   |
| Setup1: Sww exp1<br>Freq=32GHz Pht=90deg |                   |

| Name | Theta  | Ang    | Mag     |
|------|--------|--------|---------|
| ml   | 0.0000 | 0.0000 | 17.6577 |



| Curve Info                               | xdb10Beamw dth(3) |
|------------------------------------------|-------------------|
| dB(RealizedGainTotal)                    | 18.5486           |
| Setup1: Sww exp1<br>Freq=34GHz Pht=0deg  | 20.4000           |
| dB(RealizedGainTotal)                    |                   |
| Setup1: Sww exp1<br>Freq=34GHz Pht=90deg |                   |

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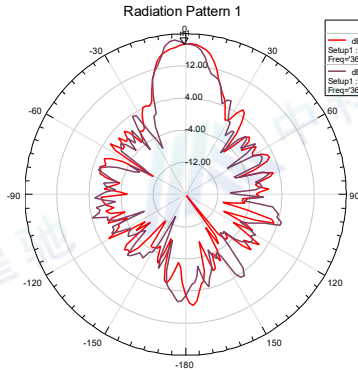
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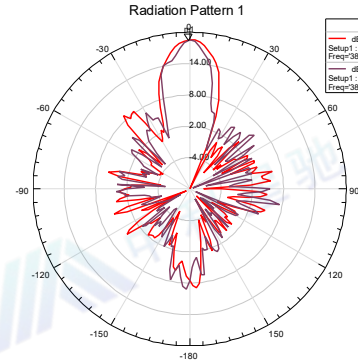
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| Name | Theta  | Phi    | Mag     |
|------|--------|--------|---------|
| m1   | 0.0000 | 0.0000 | 17.5451 |



| Curve Info            |         | HFSS6 |
|-----------------------|---------|-------|
| x:db10Beamwidth(3)    |         |       |
| dB(RealizedGainTotal) | 21.8284 |       |
| Setup1: Sww exp1      |         |       |
| Freq=36GHz Phi=0deg   |         |       |
| dB(RealizedGainTotal) | 16.3019 |       |
| Setup1: Sww exp1      |         |       |
| Freq=36GHz Phi=90deg  |         |       |

| Name | Theta  | Phi    | Mag     |
|------|--------|--------|---------|
| m1   | 0.0000 | 0.0000 | 18.5092 |



| Curve Info            |         | HFSS6 |
|-----------------------|---------|-------|
| x:db10Beamwidth(3)    |         |       |
| dB(RealizedGainTotal) | 19.5647 |       |
| Setup1: Sww exp1      |         |       |
| Freq=36GHz Phi=0deg   |         |       |
| dB(RealizedGainTotal) | 13.8132 |       |
| Setup1: Sww exp1      |         |       |
| Freq=36GHz Phi=90deg  |         |       |