# ANTENNA SPECIFICATION

**Product : Shark pin antenna**

**Model Name : 6C0.035.501.G+6C0.035.849.E**

**Date : 2018. 12. 05.**

# Table of Contents

## 1. Model Name

- **6C0.035.501.G+6C0.035.849.E**

## 2. Antenna Type

**- Shark pin Antenna**

## 3. Electric Performance Data

### 3.1 Specification Sheet

# Electronic Specification

| | Theta-Pol(H) | | | Phi-Pol(V) | | | PwrSum | | |
|---|---|---|---|---|---|---|---|---|---|
| Freq.[MHz] | Eff.[%] | Avg.[dBi] | Peak[dBi] | Eff.[%] | Avg.[dBi] | Peak[dBi] | Eff.[%] | Avg.[dBi] | Peak[dBi] |
| 703 | 8.35 | -10.78 | -7.55 | 2.82 | -15.49 | -9.72 | 11.17 | -9.52 | -6.26 |
| 746 | 24.22 | -6.16 | -2.74 | 7.22 | -11.41 | -6.53 | 31.44 | -5.03 | -2.38 |
| 787 | 42.56 | -3.71 | -0.27 | 13.6 | -8.67 | -3.52 | 56.16 | -2.51 | 0.17 |
| 834 | 50 | -3.01 | 0.4 | 14.47 | -8.4 | -3.65 | 64.47 | -1.91 | 0.72 |
| 894 | 49.16 | -3.08 | 0.13 | 14.52 | -8.38 | -2.85 | 63.68 | -1.96 | 0.74 |
| 960 | 50.91 | -2.93 | 1.42 | 15.65 | -8.06 | -2.36 | 66.55 | -1.77 | 1.58 |
| 1710 | 22.16 | -6.54 | 1.18 | 35.11 | -4.55 | 0.07 | 57.28 | -2.42 | 1.53 |
| 1850 | 28.69 | -5.42 | 2.65 | 38.44 | -4.15 | 0.55 | 67.13 | -1.73 | 2.67 |
| 1920 | 31.39 | -5.03 | 2.49 | 33.56 | -4.74 | -0.24 | 64.95 | -1.87 | 2.62 |
| 1990 | 29.06 | -5.37 | 2.4 | 25.91 | -5.87 | -1.42 | 54.97 | -2.6 | 2.41 |
| 2170 | 26.75 | -5.73 | 2.58 | 24.11 | -6.18 | -2.35 | 50.86 | -2.94 | 2.62 |
| 2300 | 34 | -4.69 | 3.23 | 22.48 | -6.48 | -2.23 | 56.48 | -2.48 | 3.3 |
| 2360 | 35.84 | -4.46 | 3.64 | 23.18 | -6.35 | -1.98 | 59.01 | -2.29 | 3.68 |
| 2500 | 34.82 | -4.58 | 3.18 | 18.74 | -7.27 | -3.01 | 53.55 | -2.71 | 3.22 |
| 2690 | 34.52 | -4.62 | 2.98 | 18.65 | -7.29 | -1.75 | 53.17 | -2.74 | 3.31 |

## 3.2 Radiation Pattern

### 3.2.1 H-PLANE

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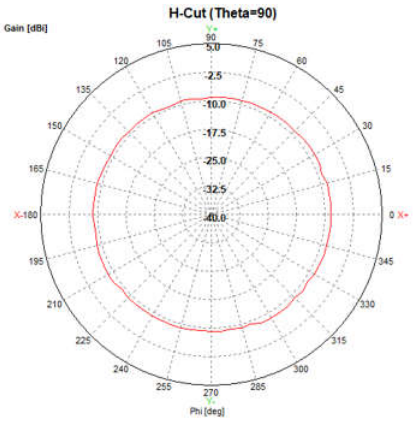


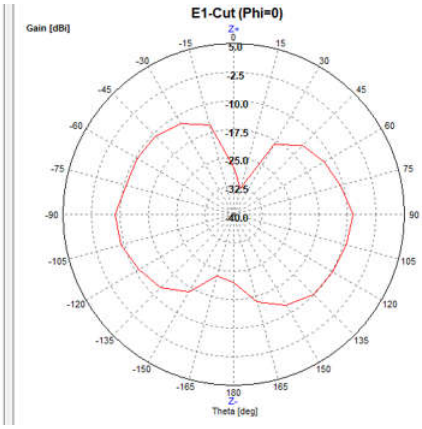


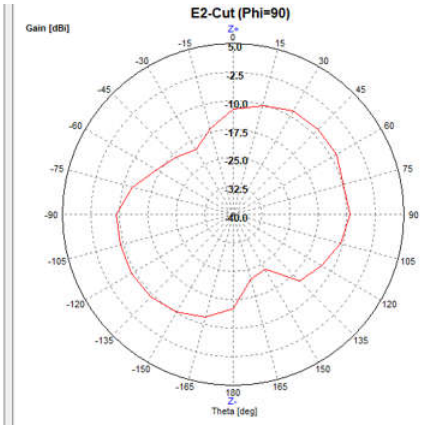


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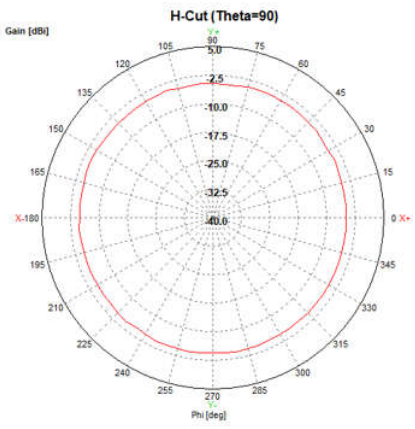


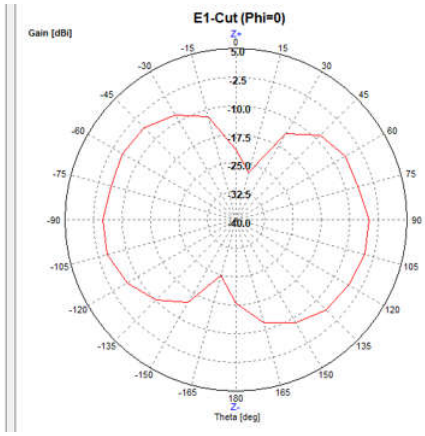


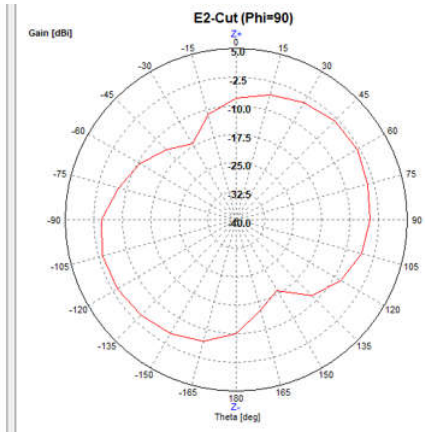


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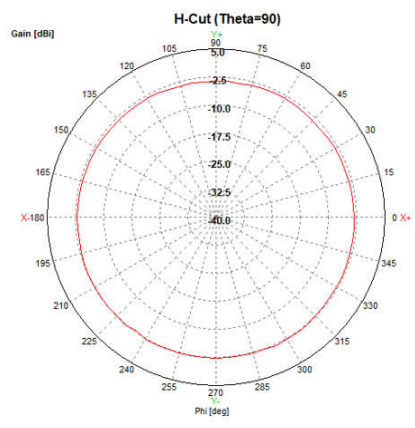


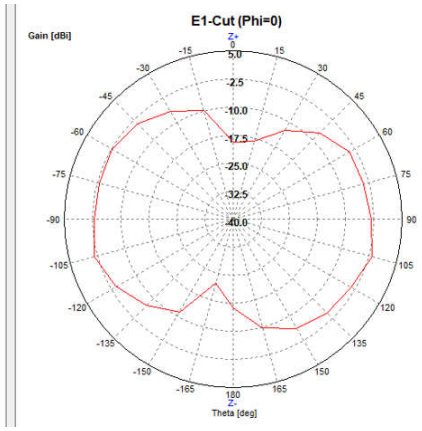


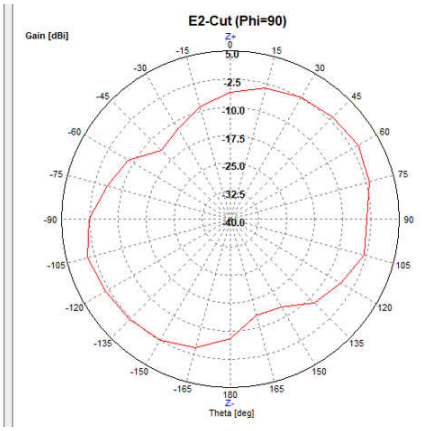

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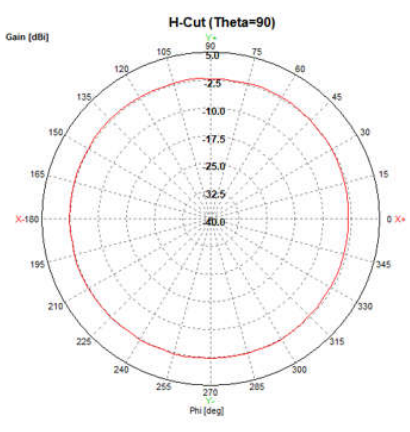


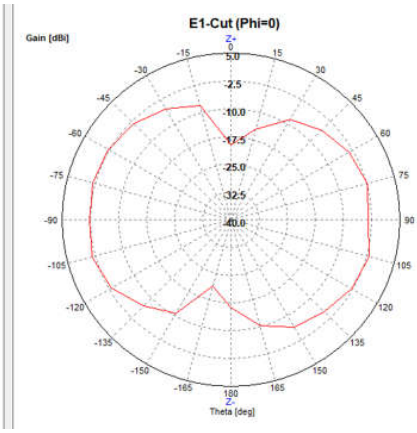


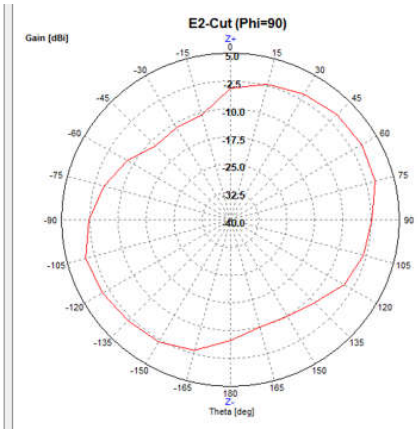


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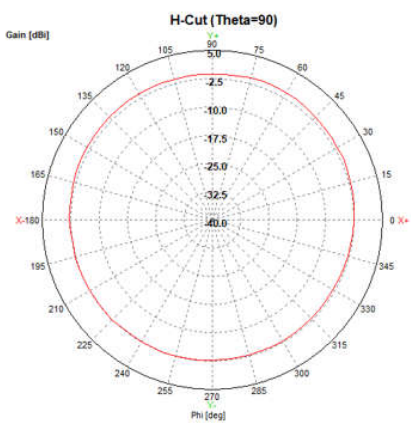


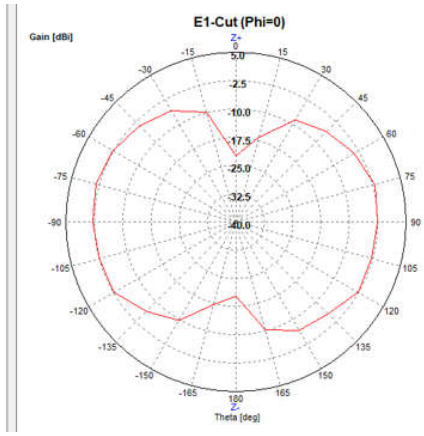


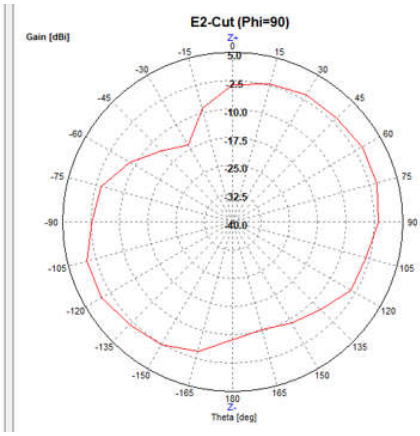


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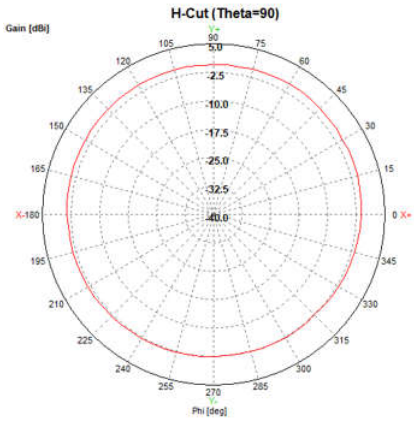


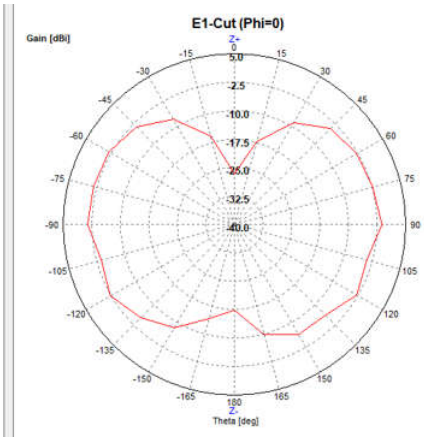


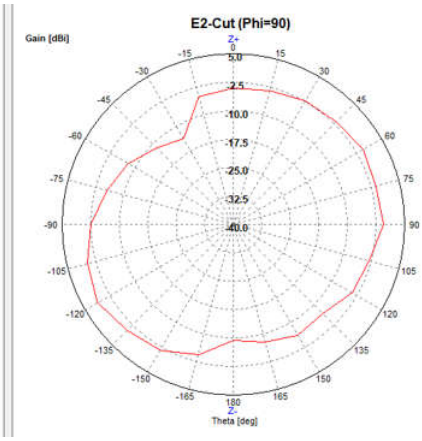

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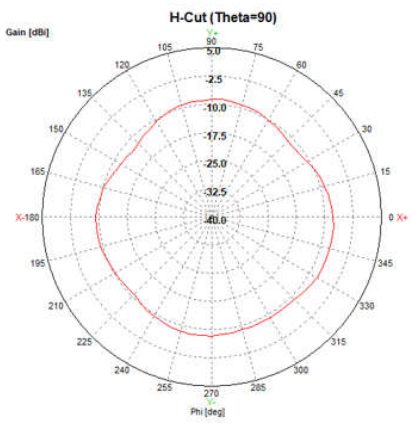


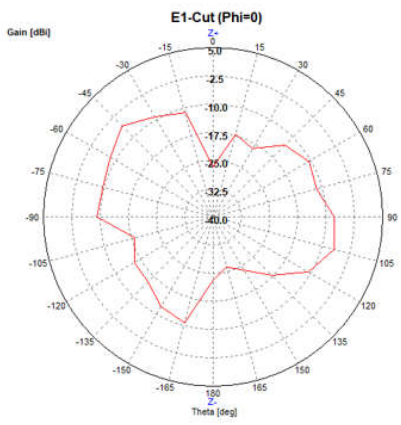


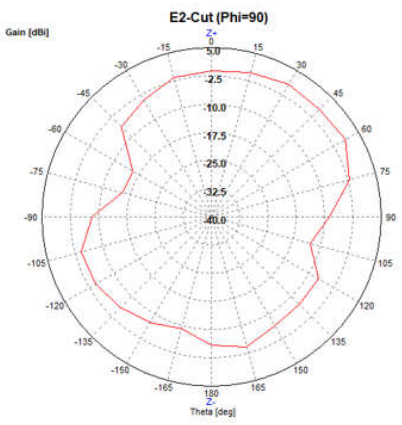


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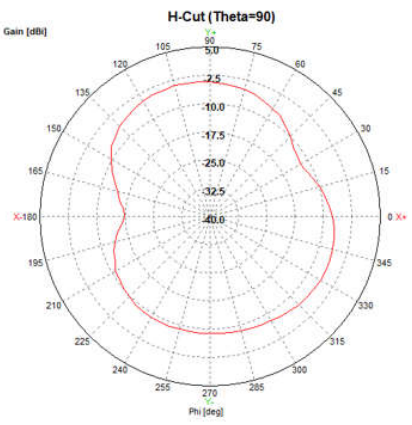


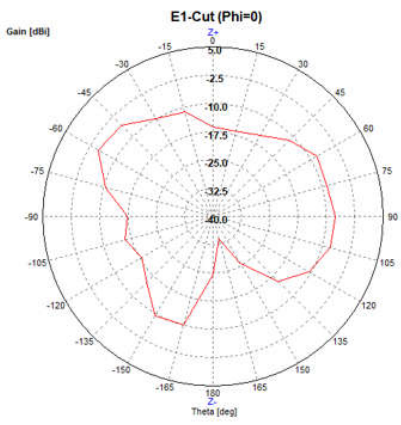


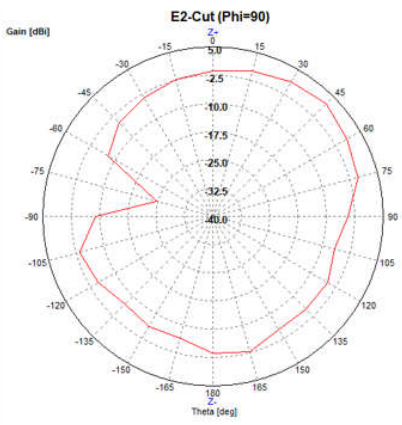


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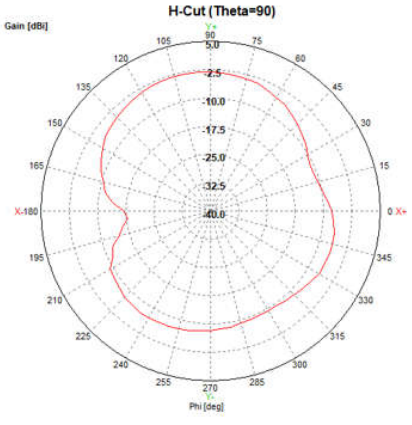


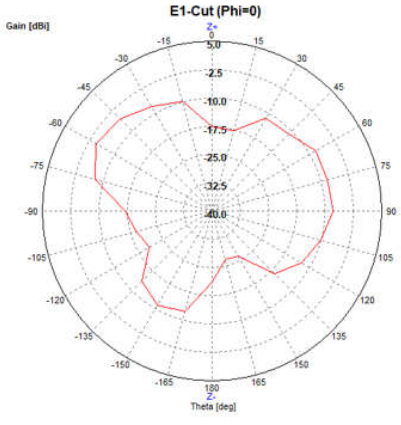


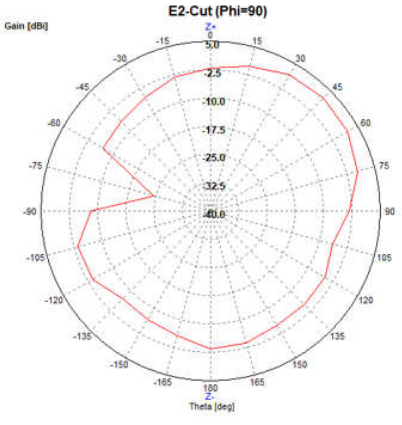

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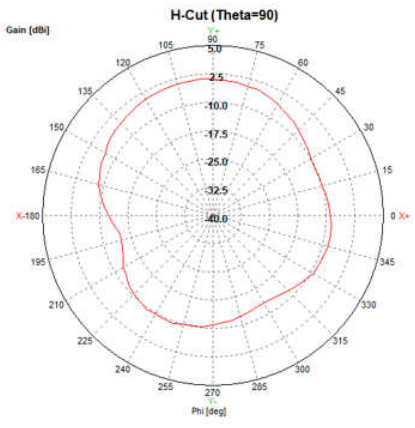


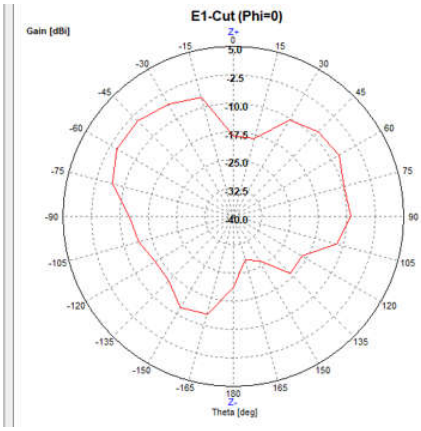


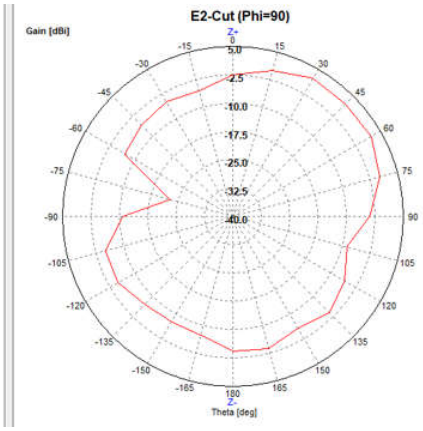


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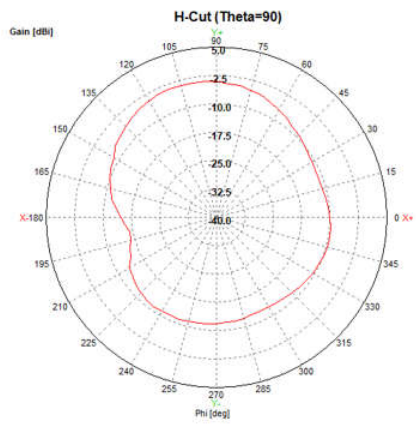


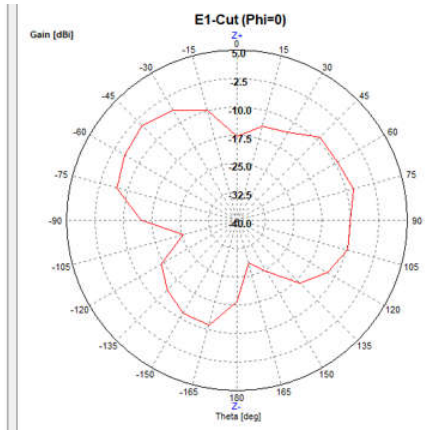


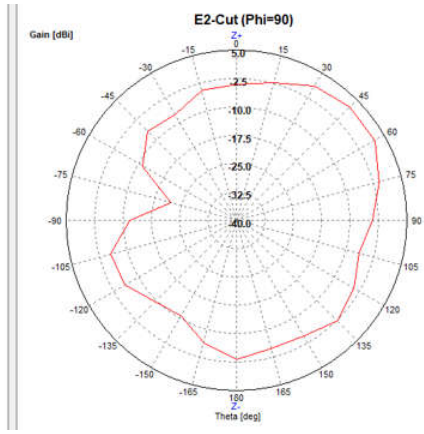


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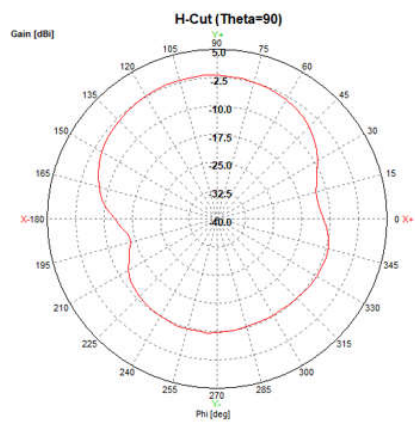


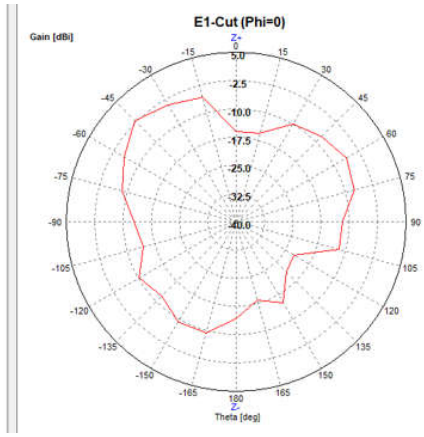


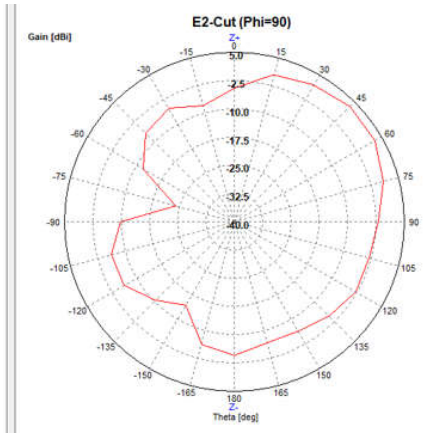

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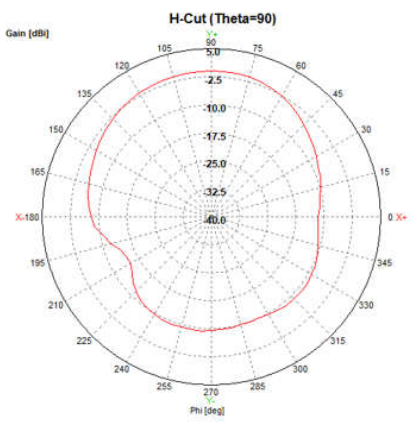


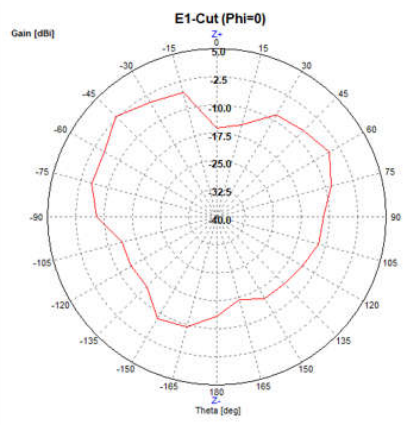


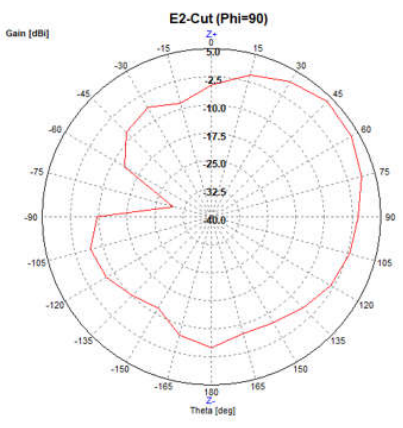


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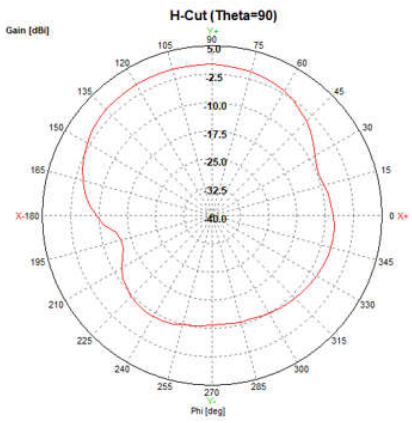


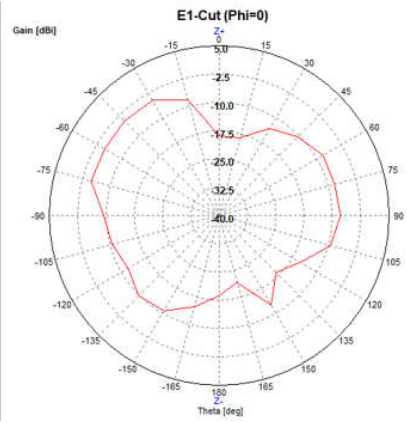


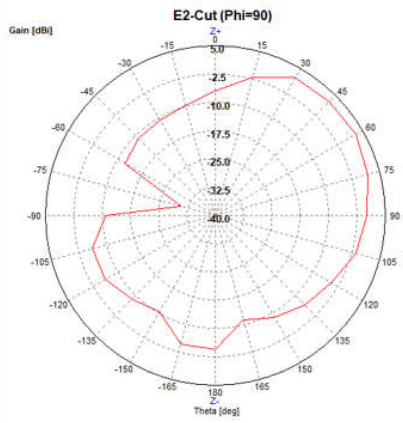


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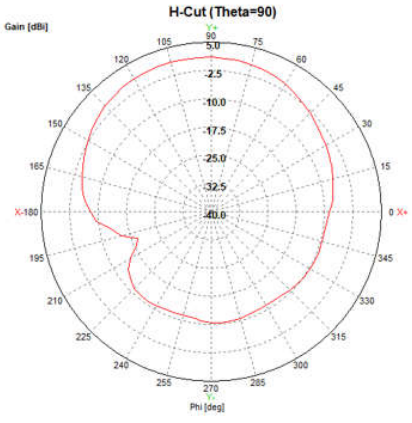
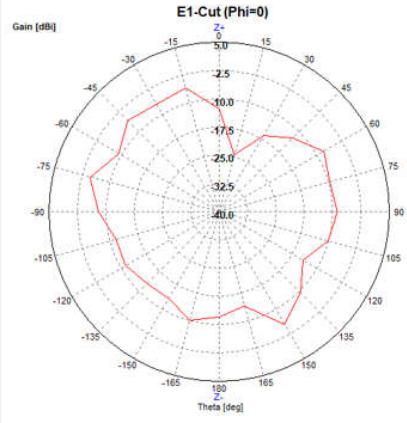
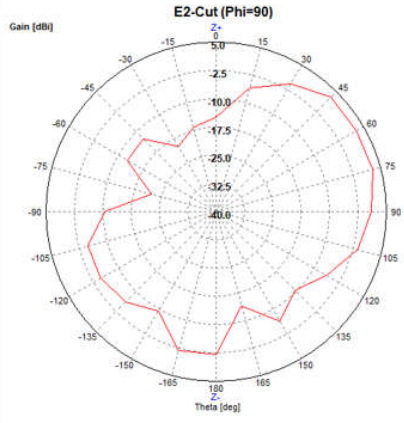
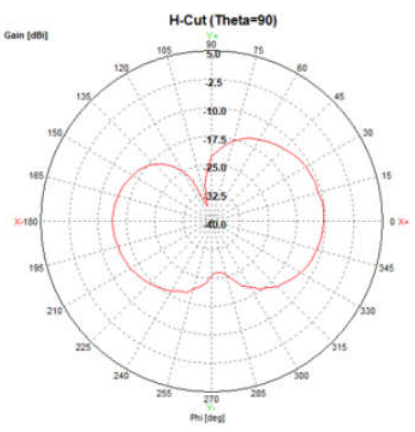


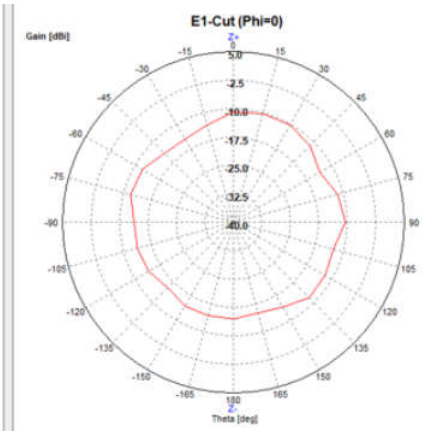



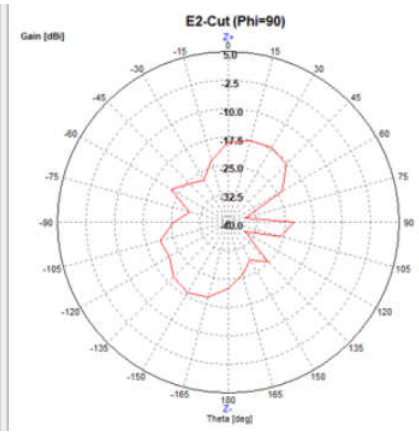



## 3.2.2 V-PLANE

### 699Mhz

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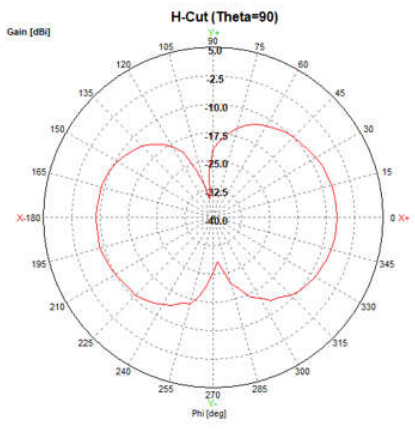


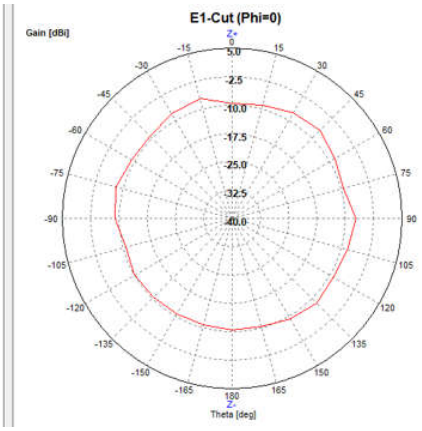


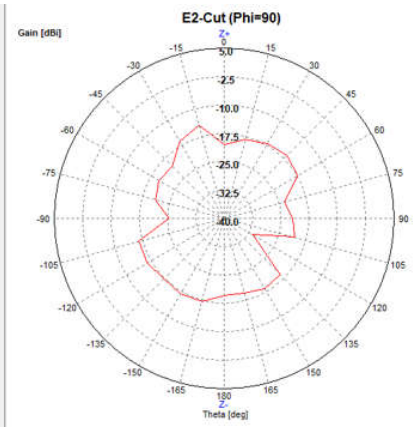


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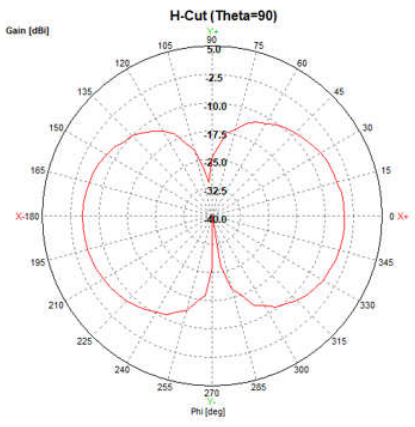
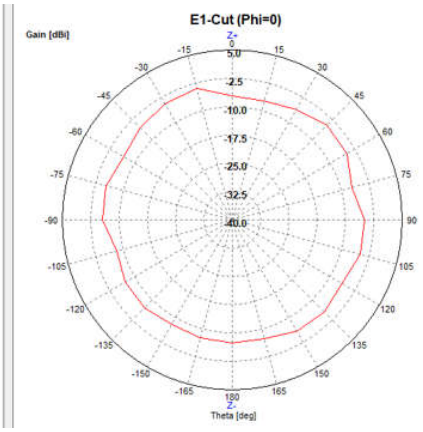
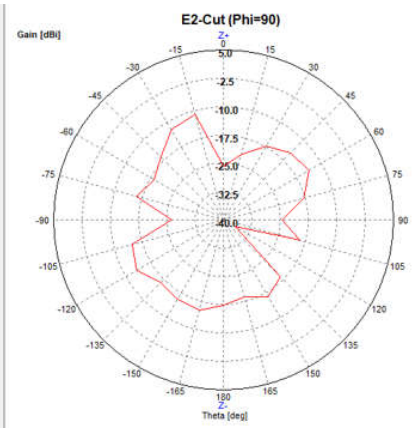
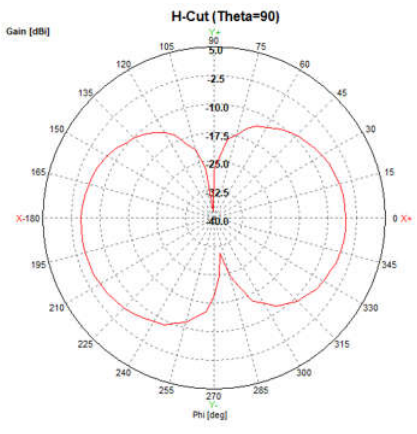
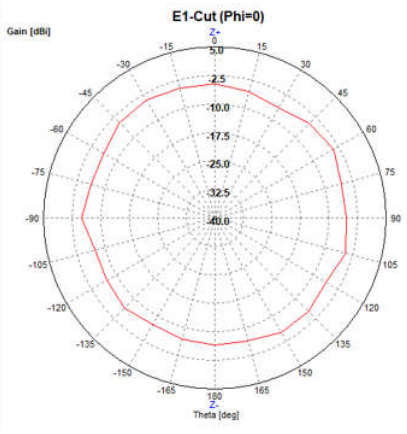


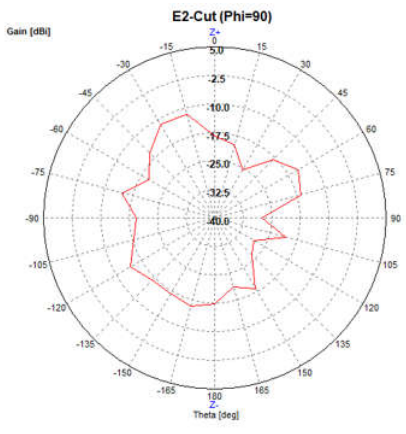



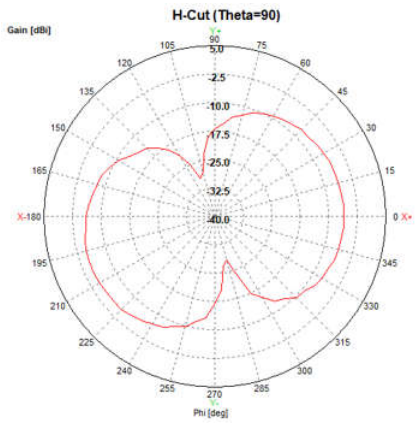
## 824Mhz

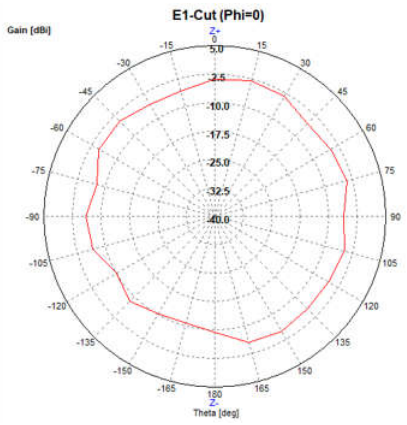


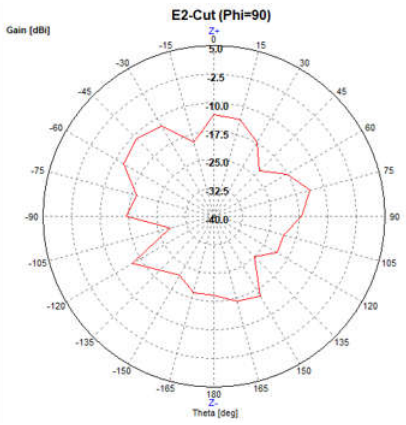



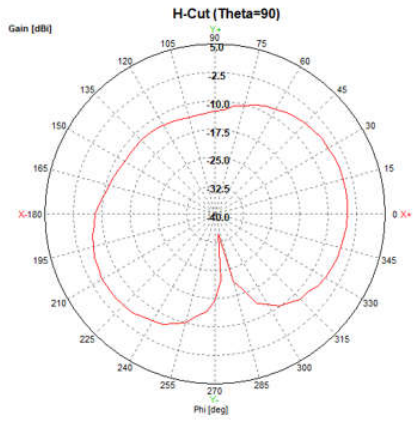

## 894Mhz

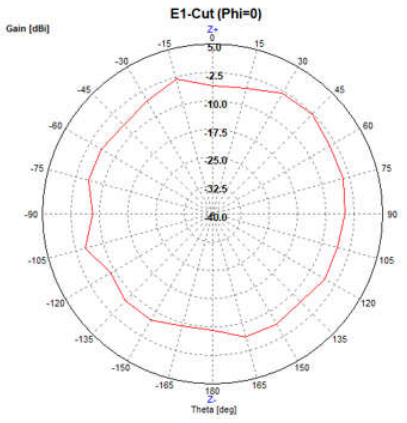


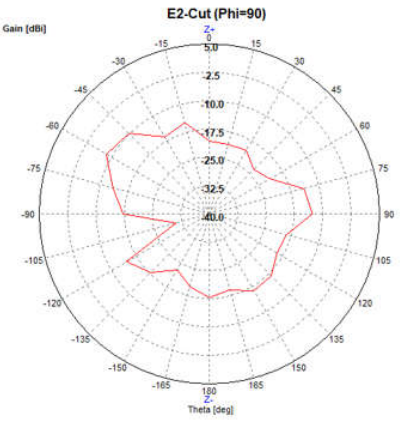



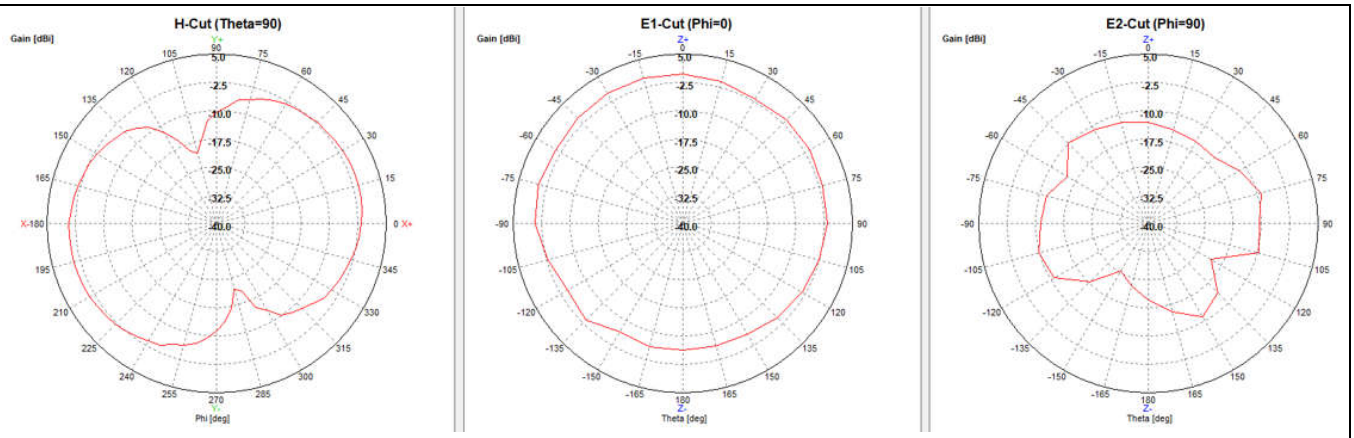

## 960Mhz



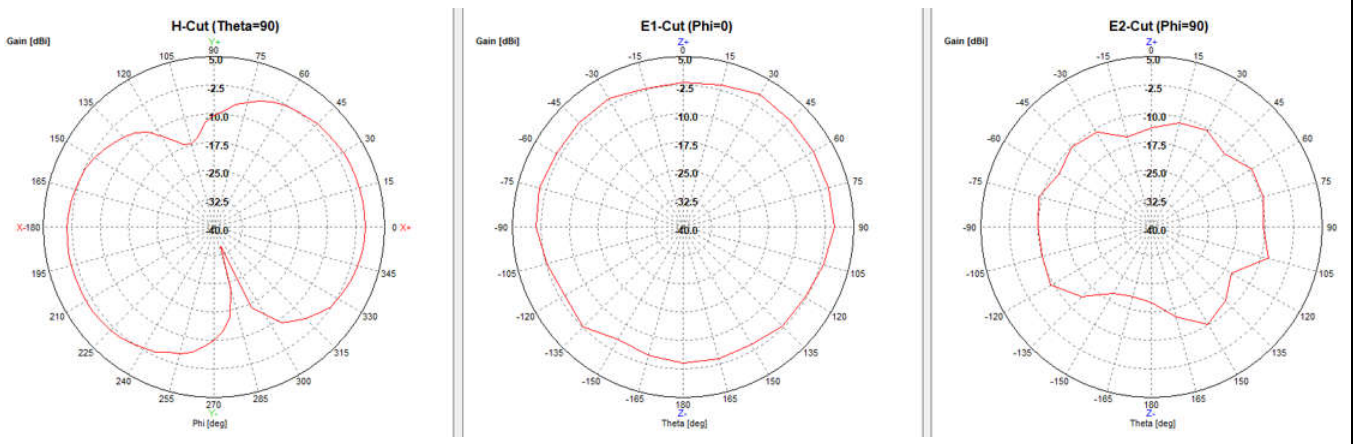



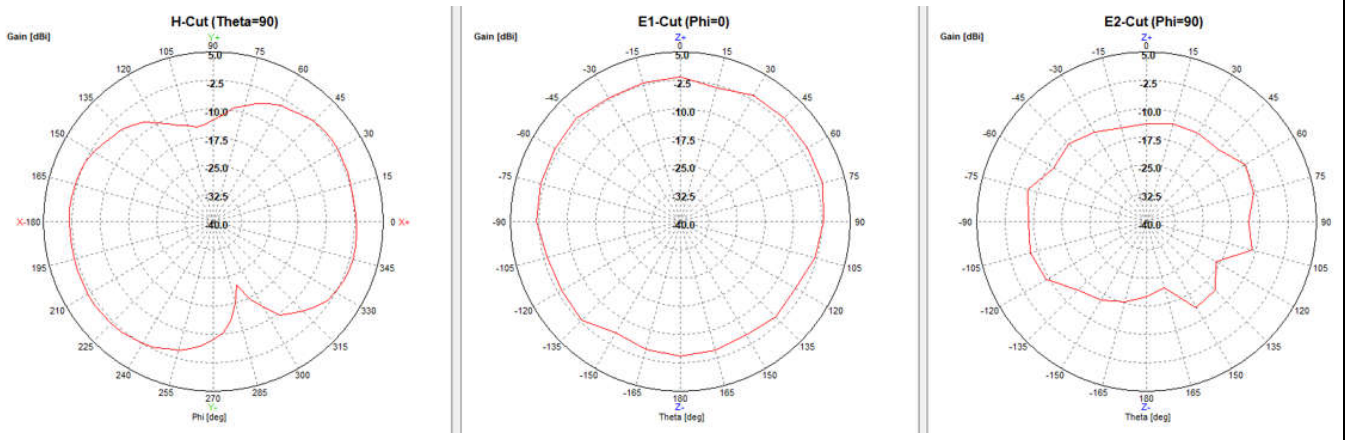

## 1710Mhz



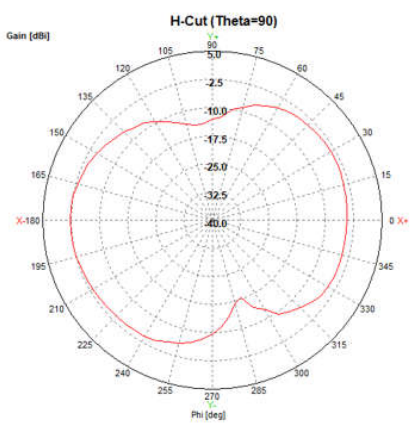

## 1850Mhz

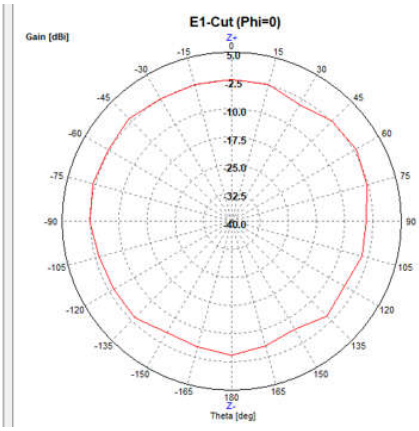


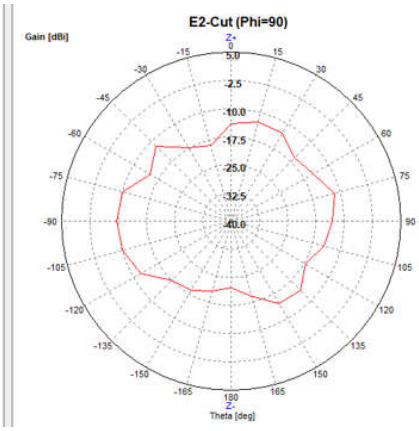

## 1920Mhz



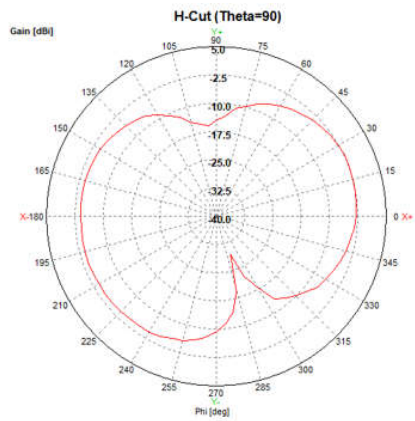
## 1990Mhz

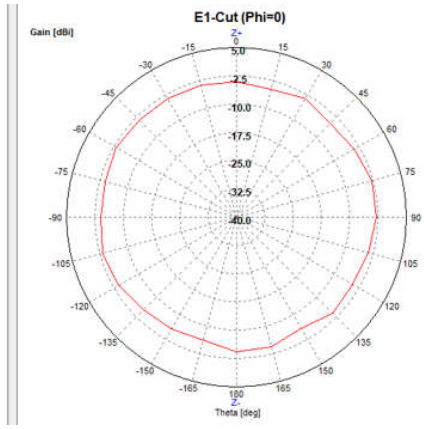


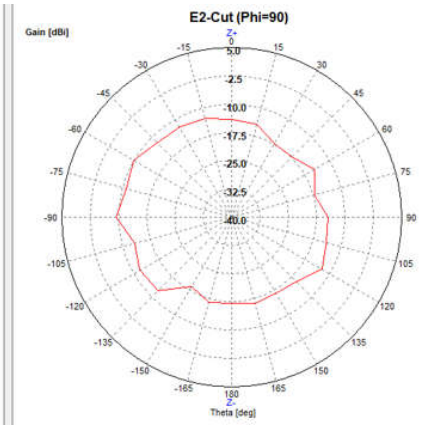



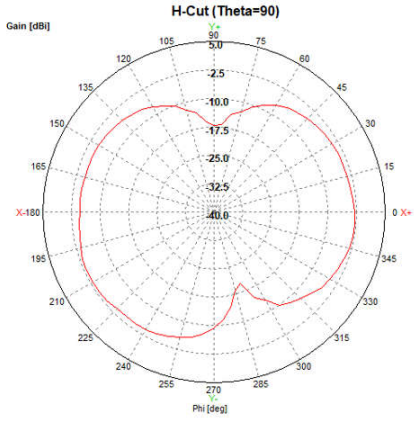

## 2170Mhz

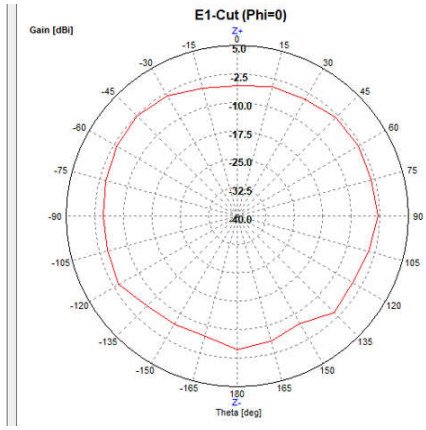


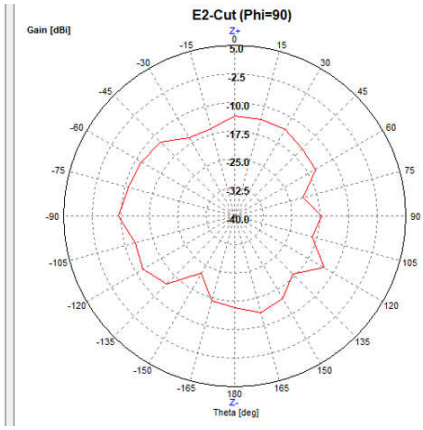



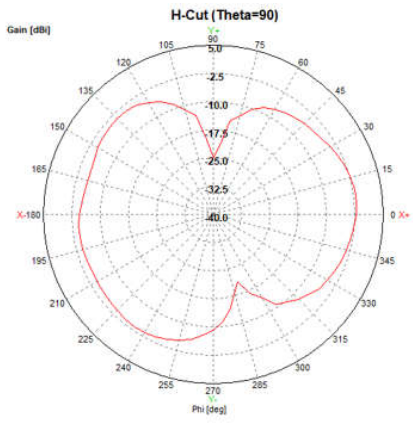

## 2300Mhz

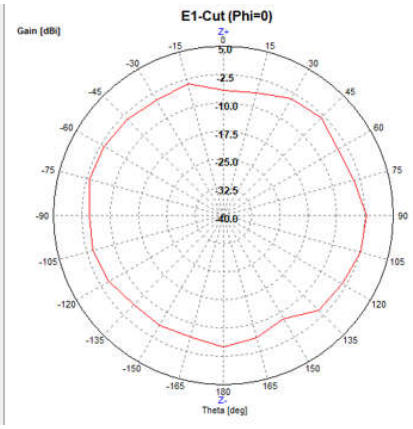


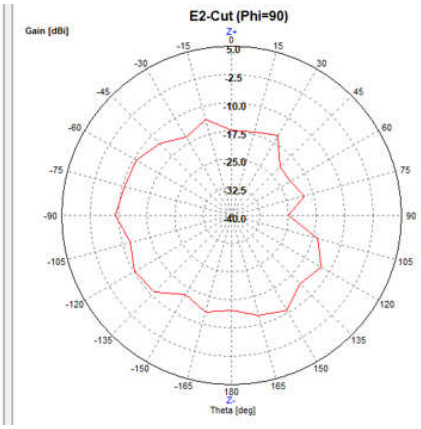



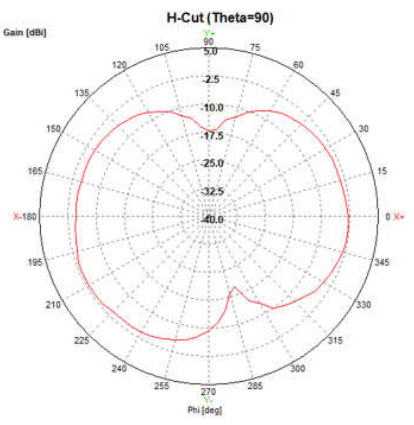
## 2360Mhz

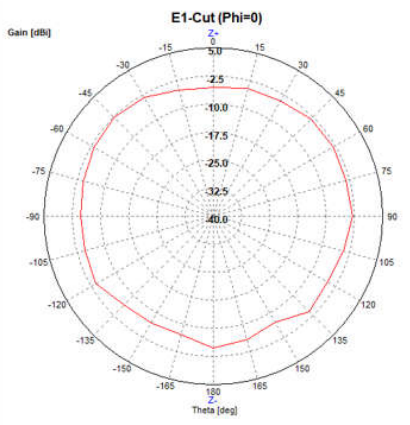


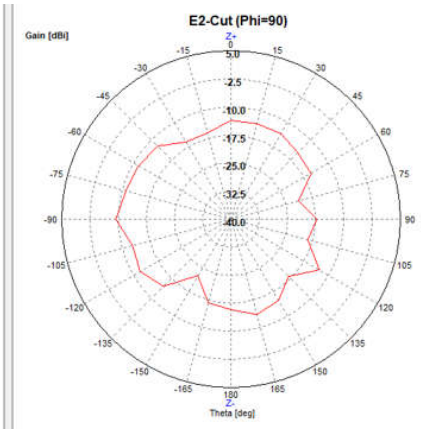




## 2500Mhz




## 2690Mhz