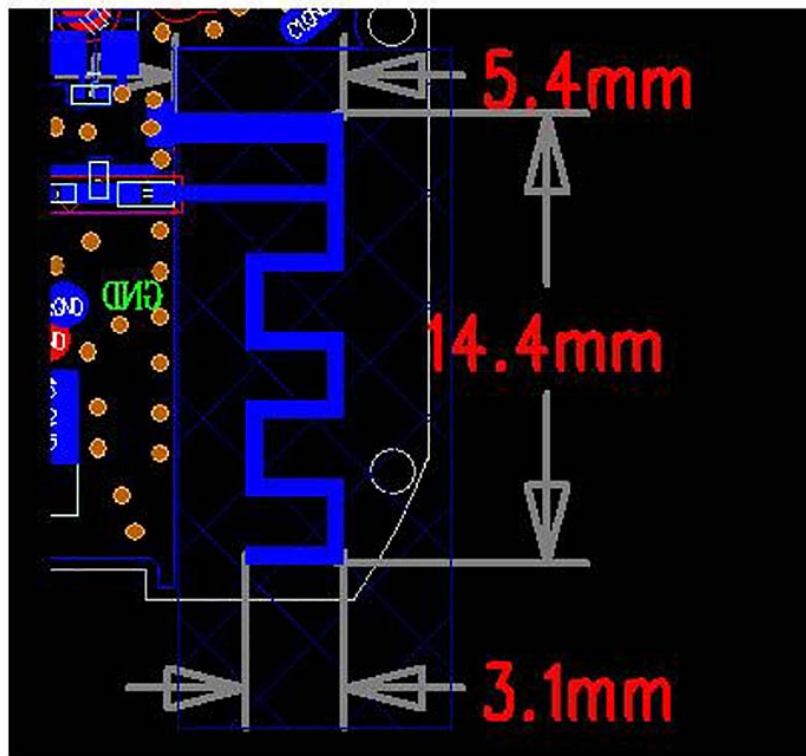
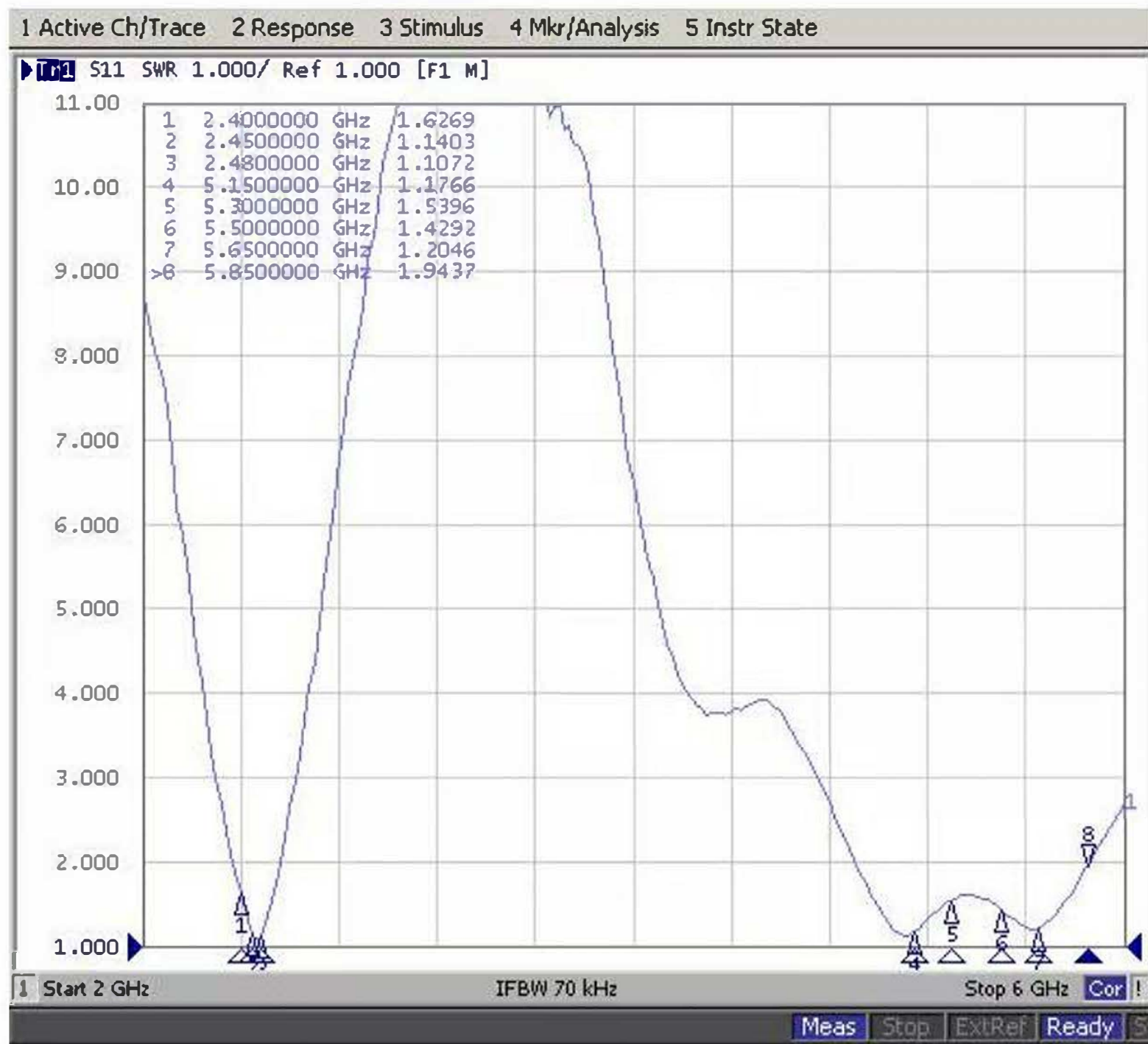


## 1. Product overview and dimensions



## 2 Antenna performance

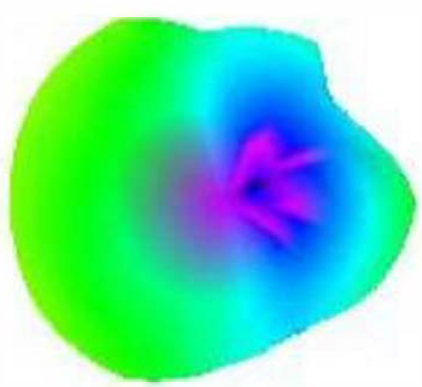
### SWR



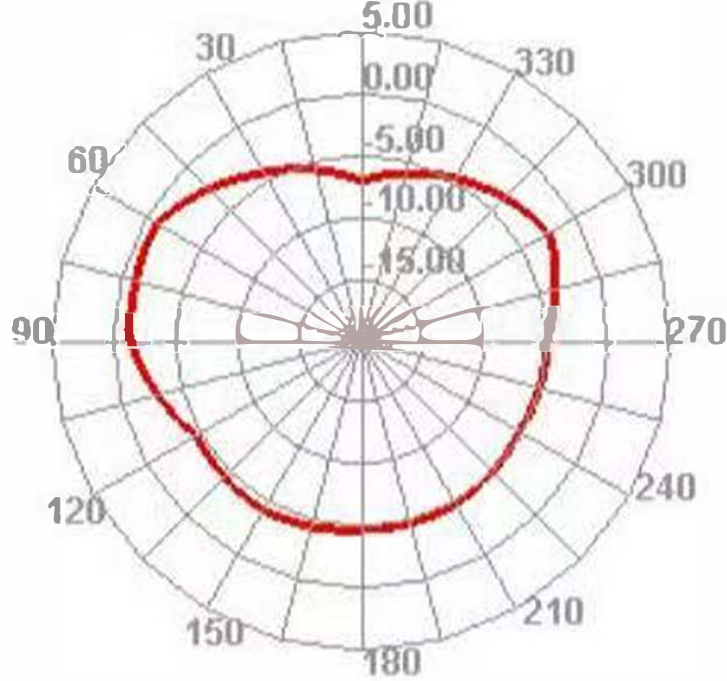
3. Antenna Gain and Efficiency

| Passive Test For WIFI |          |           |            |            |         |          |          |          |             |             |
|-----------------------|----------|-----------|------------|------------|---------|----------|----------|----------|-------------|-------------|
| Freq (MHz)            | Effi (%) | Effi (dB) | Gain (dBi) | Gain (dBd) | UHS (%) | DHIS (%) | Max (dB) | Min (dB) | Attenut Hor | Attenut Ver |
| 2400                  | 65.99    | -1.8      | 2.99       | 0.84       | 35.629  | 30.365   | 2.99     | -8.28    | 48.09       | 47.94       |
| 2410                  | 61.32    | -2.12     | 2.62       | 0.47       | 32.762  | 28.557   | 2.62     | -8.32    | 48.07       | 47.87       |
| 2420                  | 60.58    | -2.18     | 2.52       | 0.37       | 32.121  | 28.457   | 2.52     | -8.49    | 48.18       | 48          |
| 2430                  | 61.75    | -2.09     | 2.58       | 0.43       | 32.561  | 29.188   | 2.58     | -9.08    | 48.17       | 47.99       |
| 2440                  | 64.63    | -1.9      | 2.73       | 0.58       | 34.122  | 30.503   | 2.73     | -9.66    | 48.33       | 48.11       |
| 2450                  | 66.86    | -1.75     | 2.86       | 0.71       | 35.326  | 31.534   | 2.86     | -9.93    | 48.44       | 48.14       |
| 2460                  | 67.45    | -1.71     | 2.92       | 0.77       | 35.514  | 31.938   | 2.92     | -9.82    | 48.41       | 48.06       |
| 2470                  | 68.53    | -1.64     | 3.02       | 0.87       | 35.718  | 32.817   | 3.02     | -9.44    | 48.49       | 48.11       |
| 2480                  | 67.12    | -1.73     | 2.94       | 0.79       | 34.493  | 32.624   | 2.94     | -11.1    | 48.63       | 48.18       |
| 2490                  | 64.57    | -1.9      | 2.74       | 0.59       | 32.811  | 31.763   | 2.74     | -12.94   | 48.76       | 48.29       |
| 2500                  | 63.95    | -1.94     | 2.7        | 0.55       | 32.027  | 31.926   | 2.7      | -14.21   | 48.69       | 48.16       |

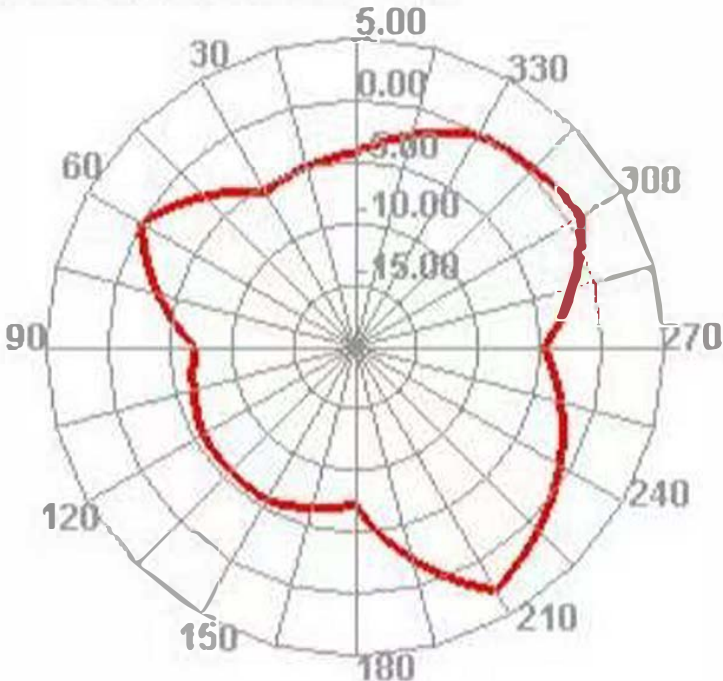
2400.000MHz



2400.000MHz H



2400.000MHz E1



2400.000MHz E2

