



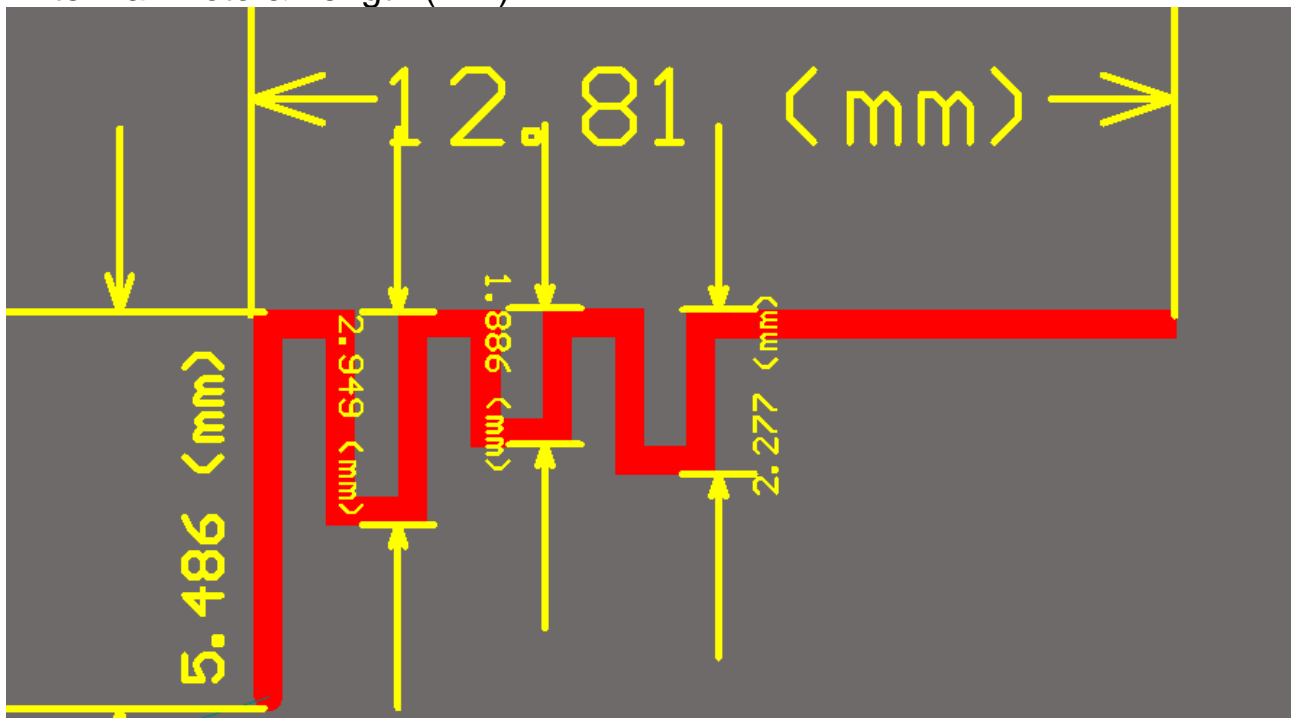
# ANTENNA SPECIFICATION

Specifications

Summary

| ITEM                 | SPEC.                     |         |         |          |         |         |
|----------------------|---------------------------|---------|---------|----------|---------|---------|
| Model Name           | M001                      |         |         |          |         |         |
| Center Frequency     | Horizontal                |         |         | Vertical |         |         |
|                      | 2400MHz                   | 2450MHz | 2500MHz | 2400MHz  | 2450MHz | 2500MHz |
|                      | -2.64                     | -1.89   | -1.66   | -7.09    | -4.70   | -3.15   |
| MAX. Gain            | -1.66                     |         |         |          |         |         |
| Polarization         | Horizontal and Vertical   |         |         |          |         |         |
| Azimuth Beam Pattern | Omni-directional          |         |         |          |         |         |
| Impedance            | 50 Ohm                    |         |         |          |         |         |
| Antenna Length       | 31mm                      |         |         |          |         |         |
| Manufacture          | Mosart Semiconductor Corp |         |         |          |         |         |

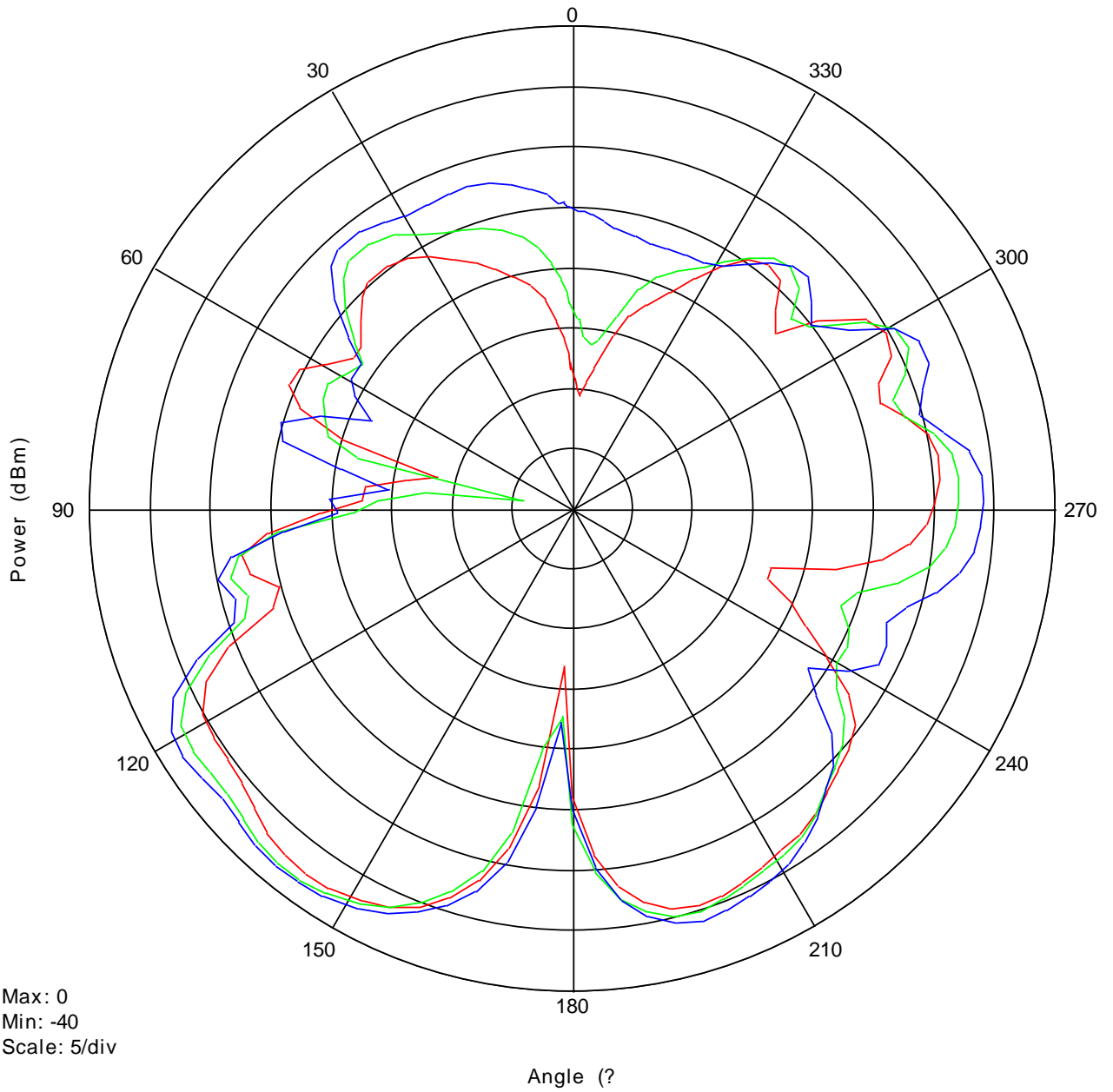
Antenna Photo & Length (mm)





Horizontal:

2400 MHz 2450 MHz 2500 MHz

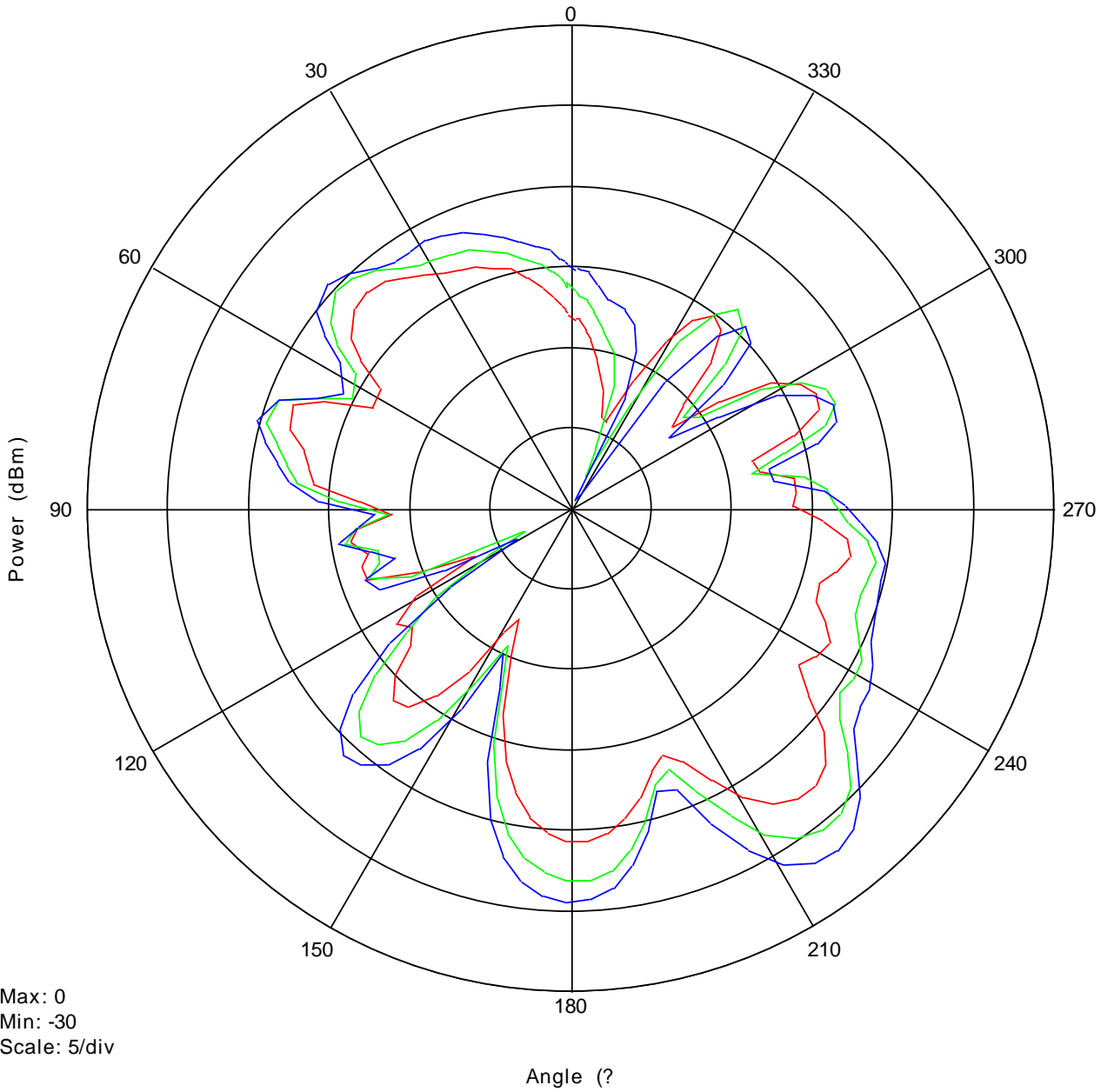


| Frequency (MHz) | Gain(dBi) |          |          |
|-----------------|-----------|----------|----------|
|                 | Max.      | Min.     | Avg.     |
| 2400            | -2.64776  | -30.6718 | -9.77028 |
| 2450            | -1.89964  | -35.918  | -8.87095 |
| 2500            | -1.66516  | -24.7457 | -7.99065 |



Vertical:

2400 MHz 2450 MHz 2500 MHz



| Frequency (MHz) | Gain(dBi) |          |          |
|-----------------|-----------|----------|----------|
|                 | Max.      | Min.     | Avg.     |
| 2400            | -7.09317  | -24.1891 | -13.5194 |
| 2450            | -4.7048   | -27.8246 | -11.666  |
| 2500            | -3.1576   | -29.4867 | -10.5684 |