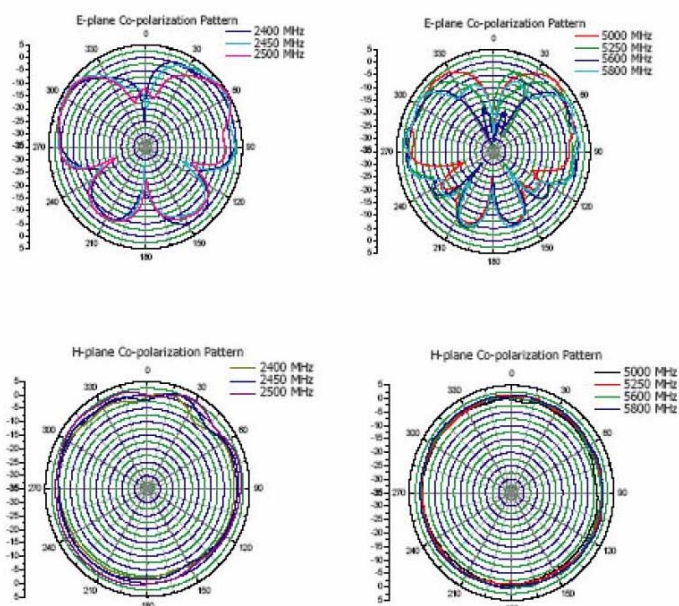




Product Spec.

Customer Name	BenQ Corporation		
Date	2005/08/29		
Customer P/N			
Tyco P/N	1770460-1		
Description	802.11 A+B+G WLAN Dipole Antenna		
Version	0A	Doc. Version	1



3. Electrical Properties

☐ Frequency Range: 2.4~2.4835GHz; 5.15~5.35GHz

☐ Impedance: 50ohms (typical)

☐ VSWR: $VSWR \leq 2.0$ (2.4~2.4835GHz)

$VSWR \leq 2.5$ (5.15~5.35GHz)

☐ Gain: 2.0 dBi (typical)

☐ Radiation: Omni

☐ Polarization: Linear, Vertical

4. Mechanical Properties

☐ Connector: Reverse SMA

☐ Antenna Cove: Polyurethane

☐ Swivel Mechanism: Polycarbonate

☐ Color: Black/Gray

☐ Operating Temperature: -20°C~+65°C

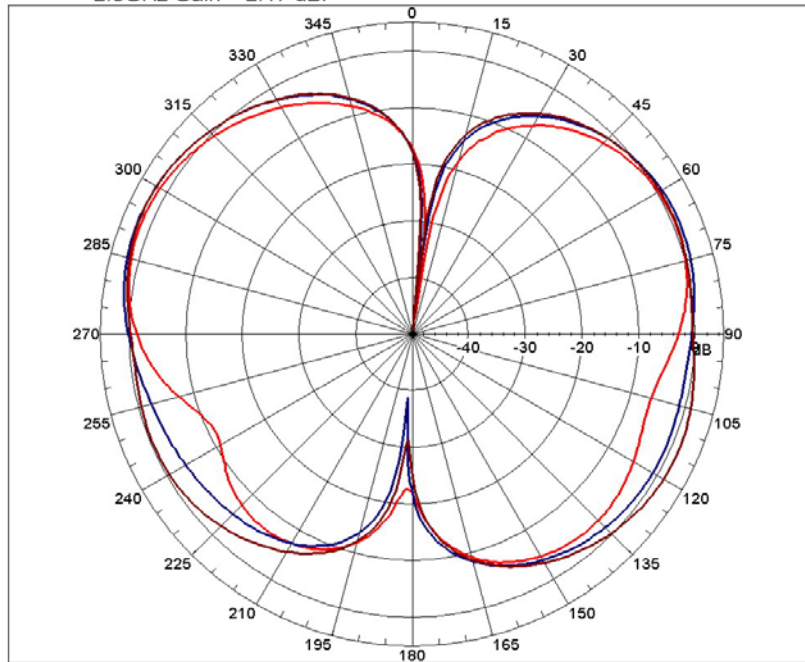
☐ Storage Temperature: -30°C~+75°C

tyco / Electronics

BLACK

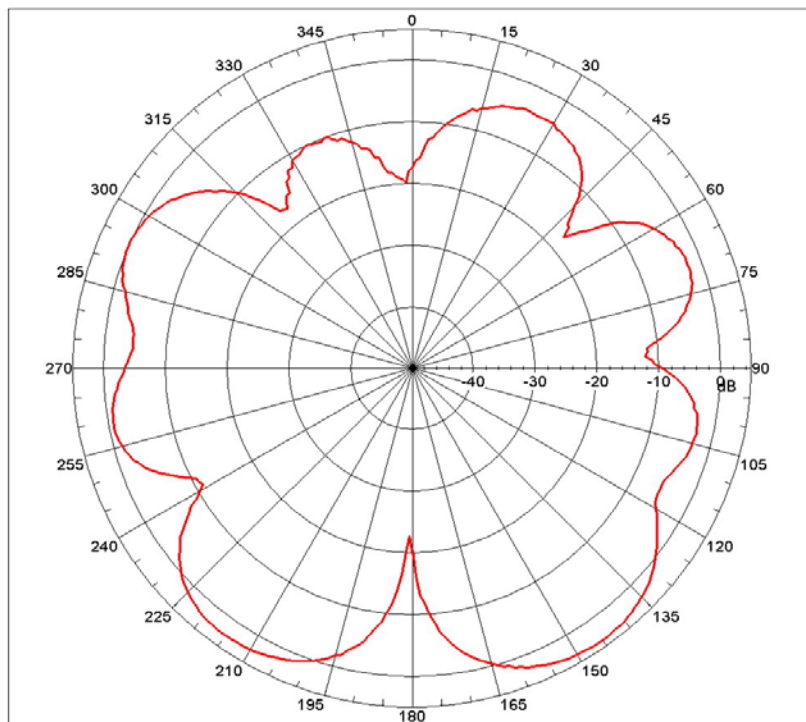
Far-field amplitude of 2.4-2.5 diople-h1104

2.4GHz Gain = 1.66dBi
2.45GHz Gain = 2.30 dBi
2.5GHz Gain = 2.17 dBi



Far-field amplitude of 4.9G diople-h1104

4.9GHz Gain = 3.72 dBi

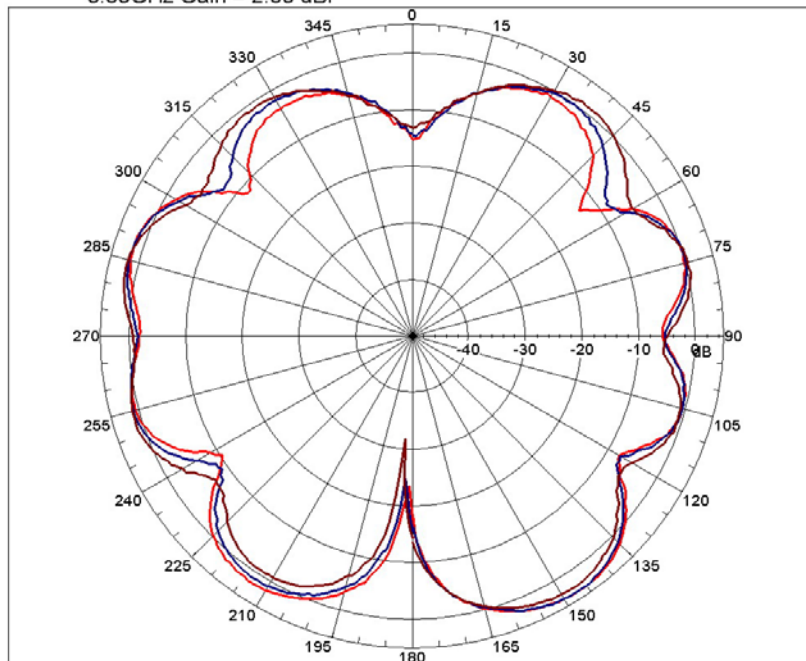


Far-field amplitude of 5.15-5.35G diople-h1104

5.15GHz Gain = 3.64dBi

5.25GHz Gain = 3.59 dBi

5.35GHz Gain = 2.60 dBi

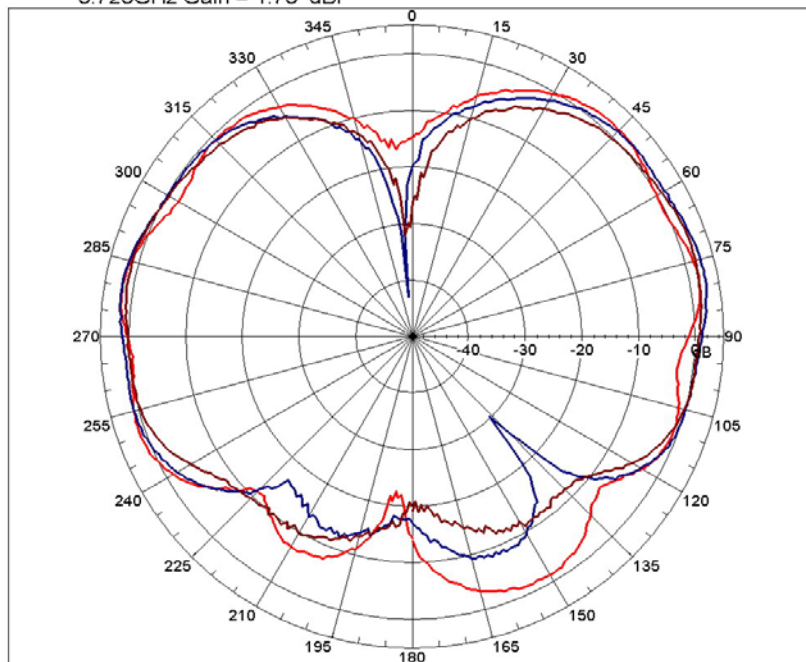


Far-field amplitude of 5.47-5.725diople-h1104

5.47GHz Gain = 1.86 dBi

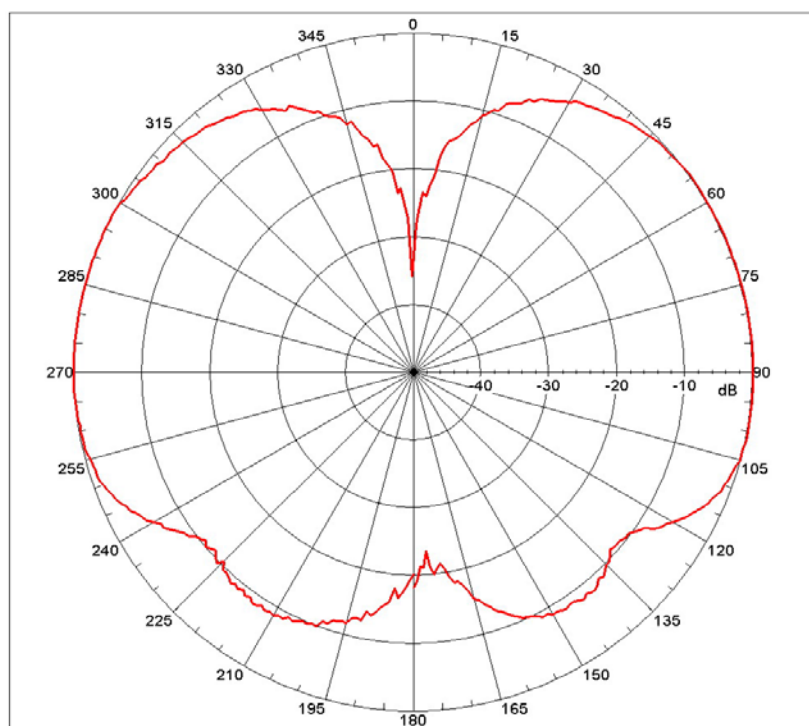
5.60GHz Gain = 2.69 dBi

5.725GHz Gain = 1.75 dBi



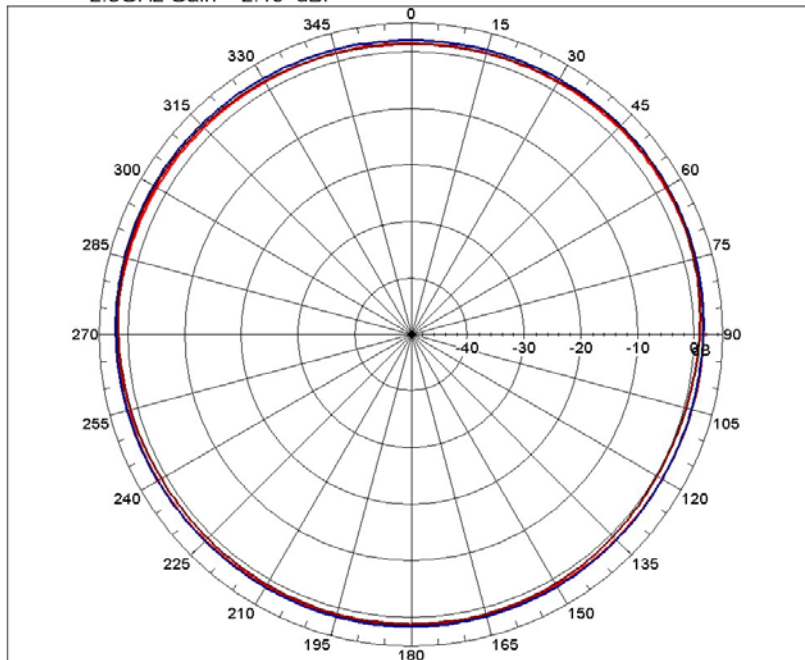
Far-field amplitude of 5.85G diople-h1104

5.85GHz Gain = 2.06dBi



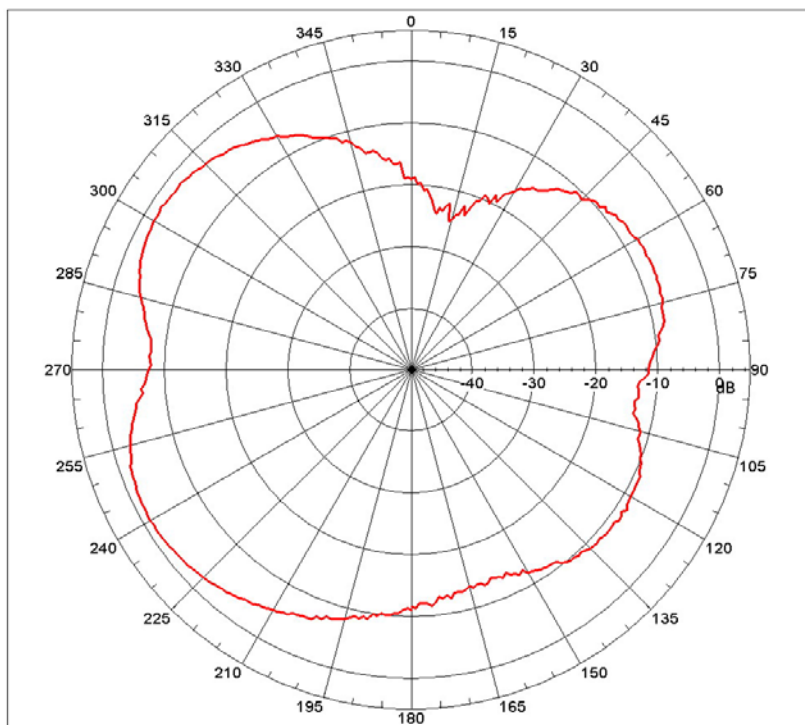
Far-field amplitude of 2-5 diople-v1104

2.4GHz Gain = 1.88 dBi 2.45GHz Gain = 2.49 dBi
2.5GHz Gain = 2.19 dBi



Far-field amplitude of 4.9G diople-v1104

4.9GHz Gain = -1.12 dBi

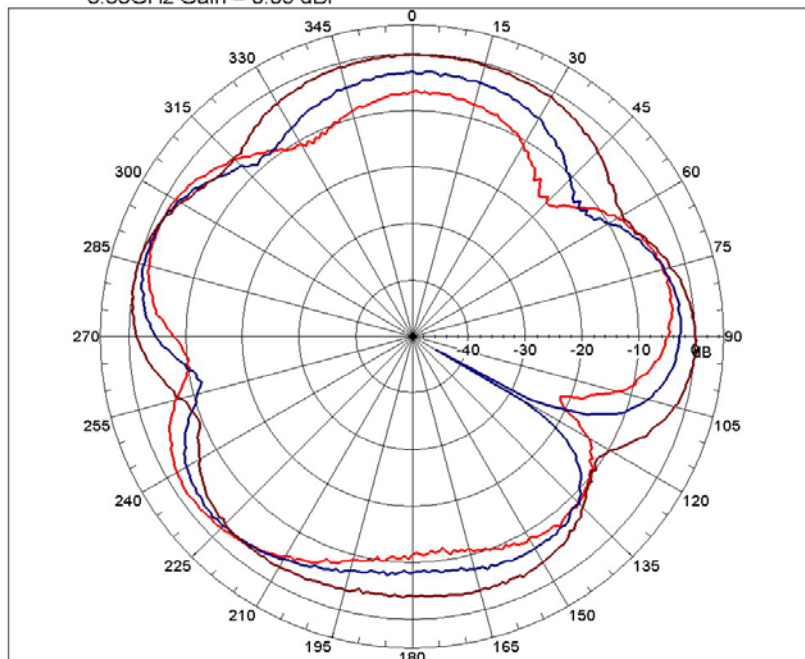


Far-field amplitude of 5.15-5.35G diople-v1104

5.15GHz Gain = -1.28 dBi

5.25GHz Gain = -0.91 dBi

5.35GHz Gain = 0.09 dBi

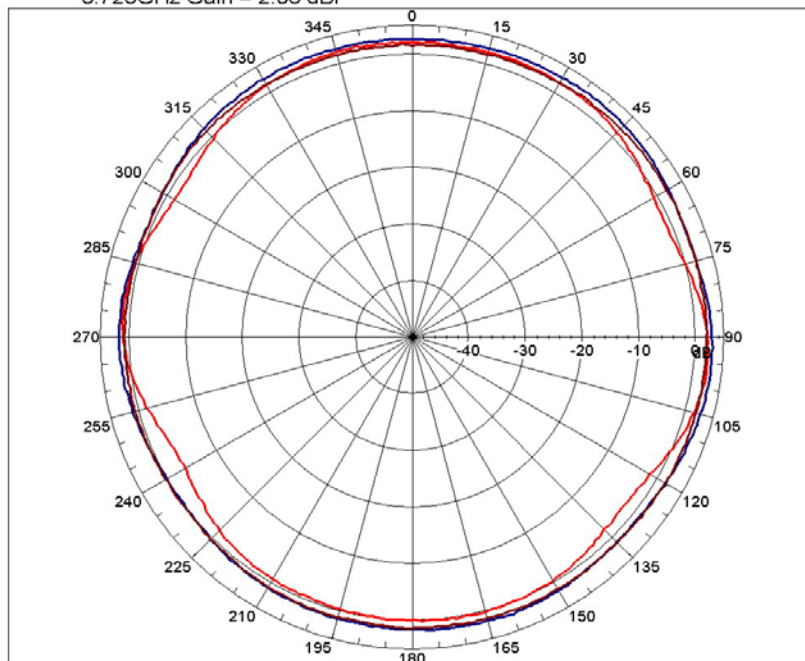


Far-field amplitude of 5.47-5.725G diople-v1104

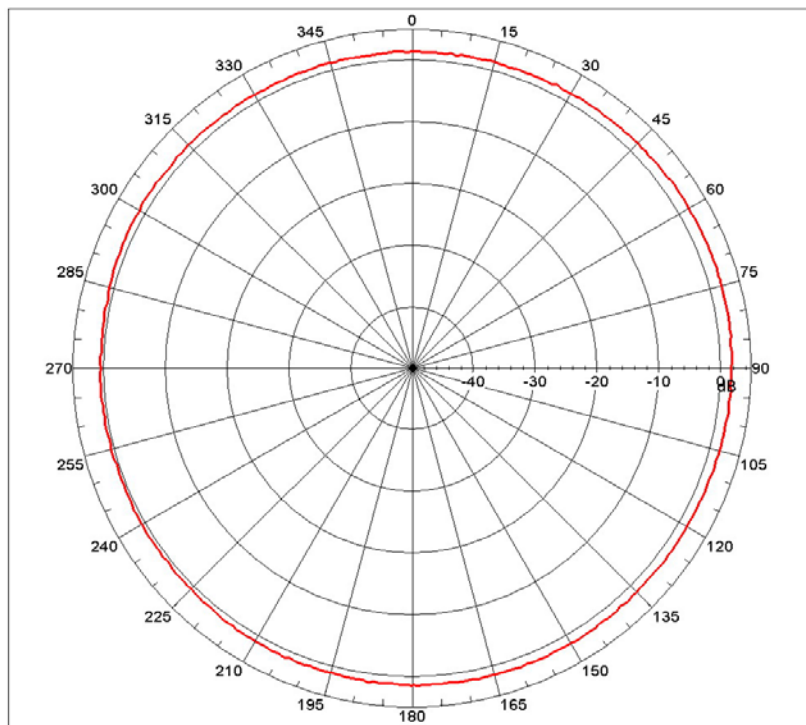
5.47GHz Gain = 2.17 dBi

5.60GHz Gain = 3.07dBi

5.725GHz Gain = 2.08 dBi



Far-field amplitude of 5.85G diople-v1104.nsi
5.85GHz Gain = 1.95 dBi



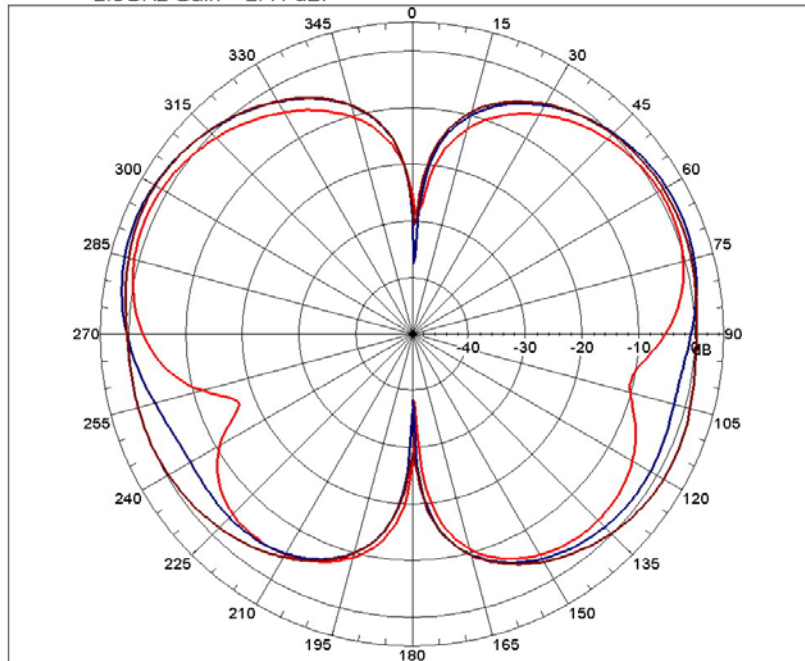
WHITE

Far-field amplitude of 2.4-2.5G diople-h1104(w)

2.4GHz Gain = 1.24 dBi

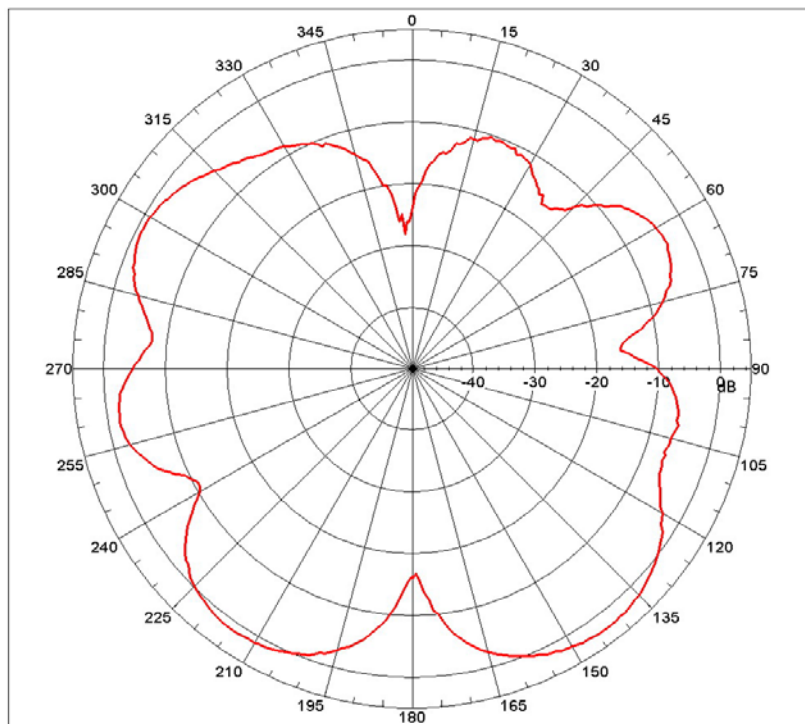
2.45GHz Gain = 2.80 dBi

2.5GHz Gain = 2.41 dBi



Far-field amplitude of 4.9G diople-h1104(w)

4.9GHz Gain = 2.48 dBi

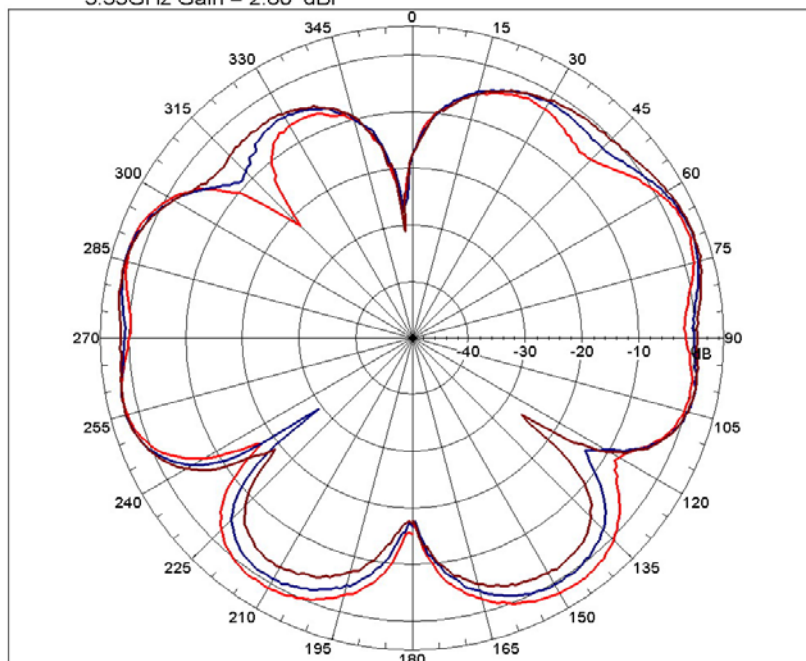


Far-field amplitude of 5.15-5.35G diople-h1104(w)

5.15GHz Gain = 2.32 dBi

5.25GHz Gain = 2.68 dBi

5.35GHz Gain = 2.80 dBi

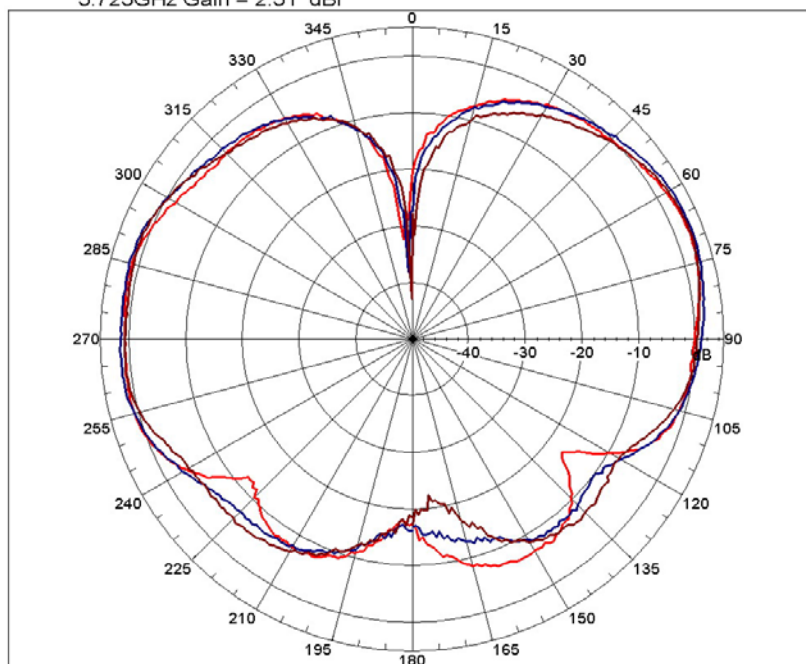


Far-field amplitude of 5.47-5.725G diople-h1104(w)

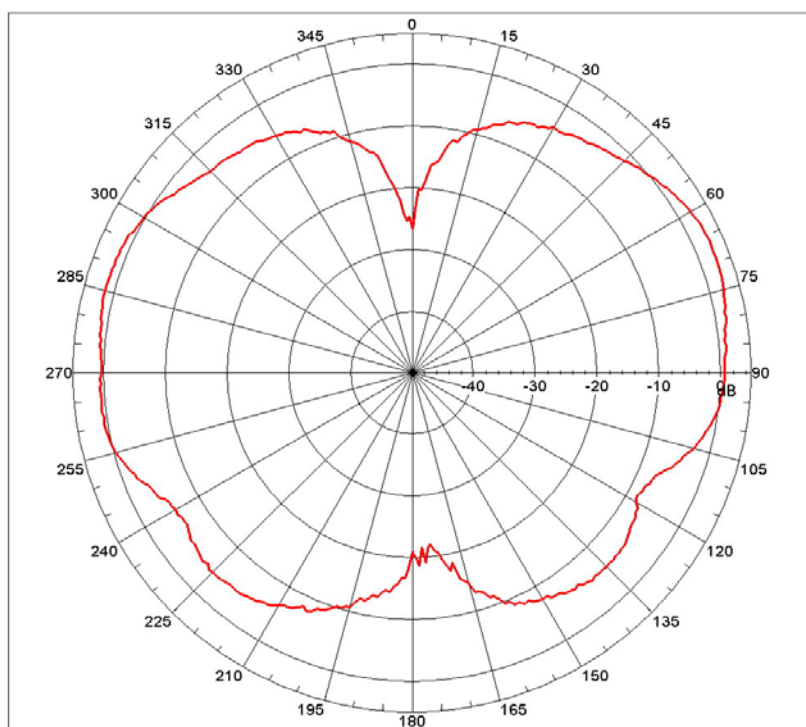
5.47GHz Gain = 2.34 dBi

5.60GHz Gain = 2.89 dBi

5.725GHz Gain = 2.51 dBi



Far-field amplitude of 5.85G diople-h1104(w)
5.85GHz Gain = 2.66dBi

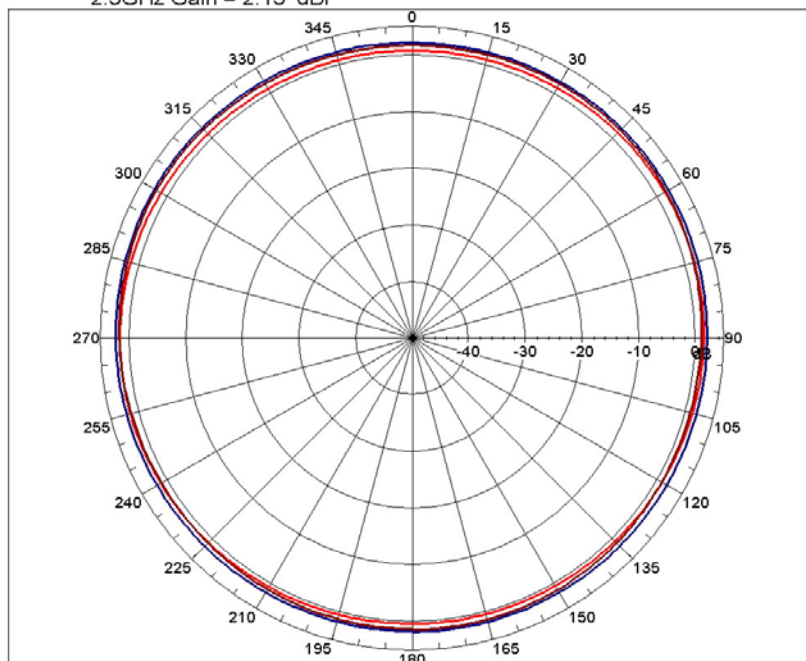


Far-field amplitude of 2.4-2.5G diople-v1104(w)

2.5GHz Gain = 1.55 dBi

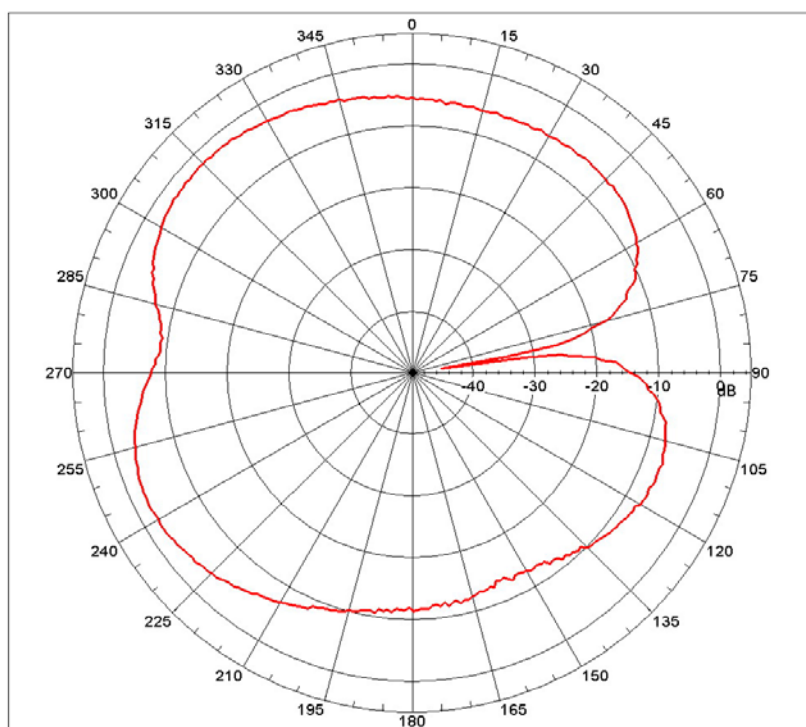
2.45GHz Gain = 2.5 dBi

2.5GHz Gain = 2.13 dBi



Far-field amplitude of 4.9G diople-v1104(w)

4.9GHz Gain = -1.98 dBi

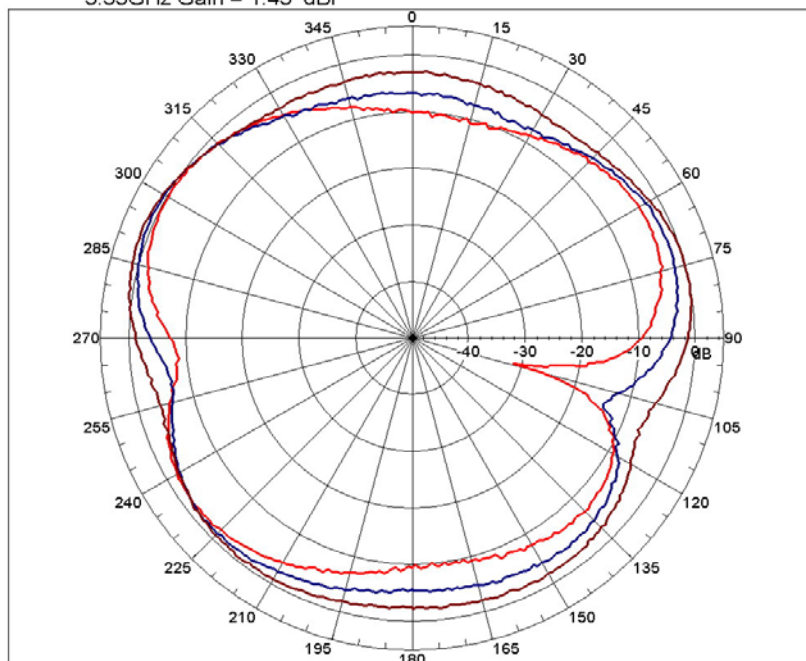


Far-field amplitude of 5.15-5.35G diople-v1104(w)

5.15GHz Gain = -0.20 dBi

5.25GHz Gain = 0.71 dBi

5.35GHz Gain = 1.45 dBi

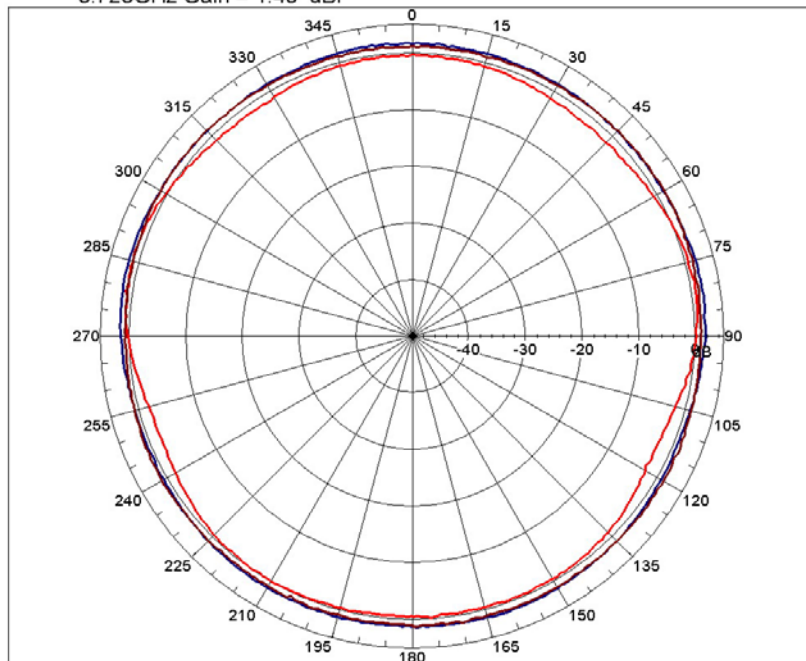


Far-field amplitude of 5.47-5.725 diople-v1104(w)

5.47GHz Gain = 1.16 dBi

5.60GHz Gain = 1.87 dBi

5.725GHz Gain = 1.40 dBi



Far-field amplitude of 5.85 diople-v1104(w)
5.85GHz Gain = 1.80 dBi

