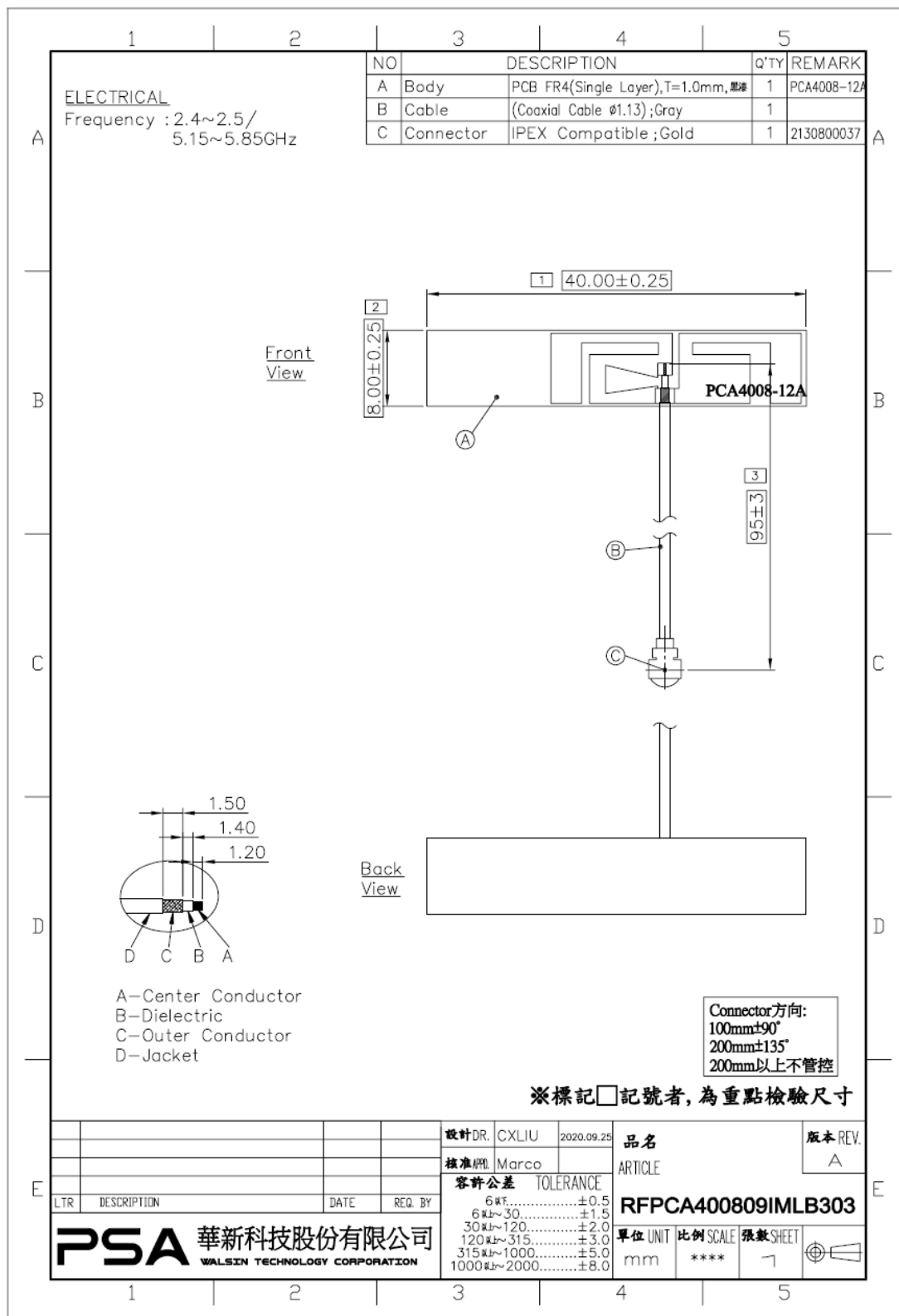


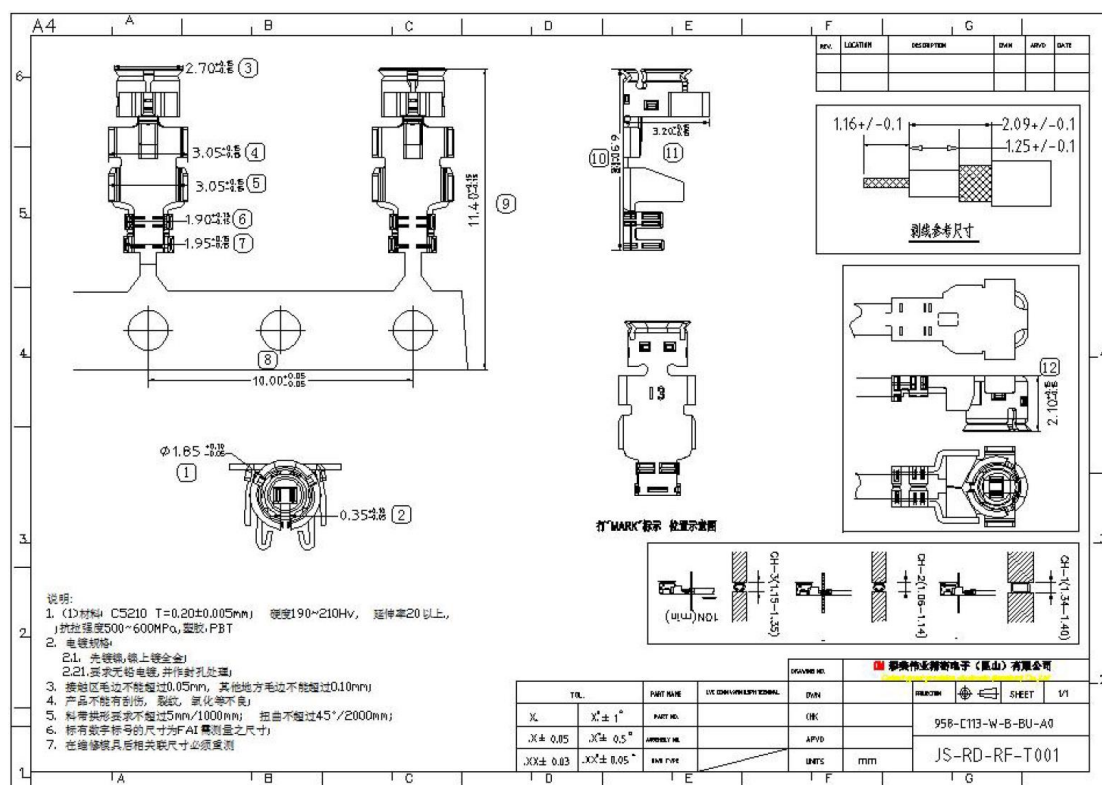
Electrical Parameters

Frequency Range	2.4~2.5/5.15~5.85 GHz
Impedance	50Ω
VSWR	2.0 MAX.
Return Loss	-10 dB MAX.
Antenna Type	Dipole
Bandwidth	100 MHz (Min)
Polarization	Linear
Azimuth Beamwidth	Omni-Directiona
Gain(peak)	ANT1 2.4GHz~2.5GHz @ 2.9dBi / 5.15 GHz~5.85GHz @ 4.2dBi ANT2 2.4GHz~2.5GHz @ 3.41dBi / 5.15 GHz~5.85GHz @ 4.09dBi
Operating Temp.	-20~+65℃
Storage Temp.	-30~+75℃

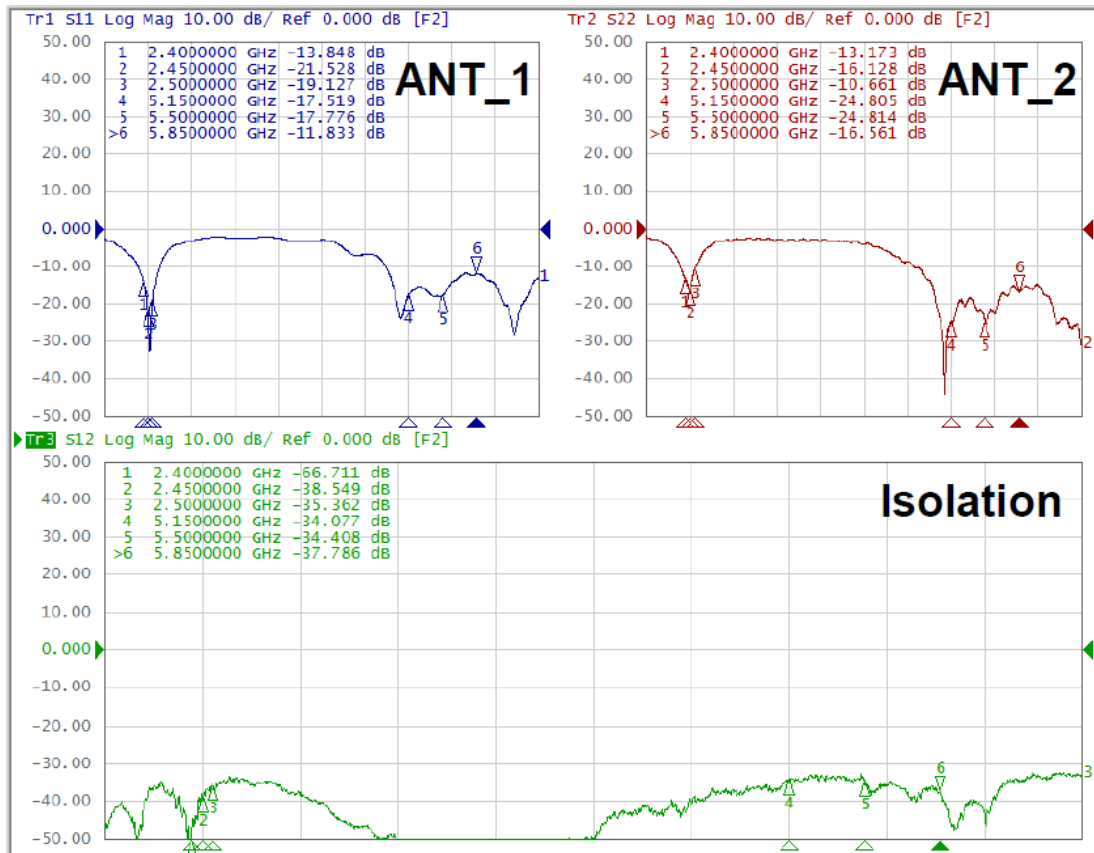
Structural dimension drawing



Connector Specifications



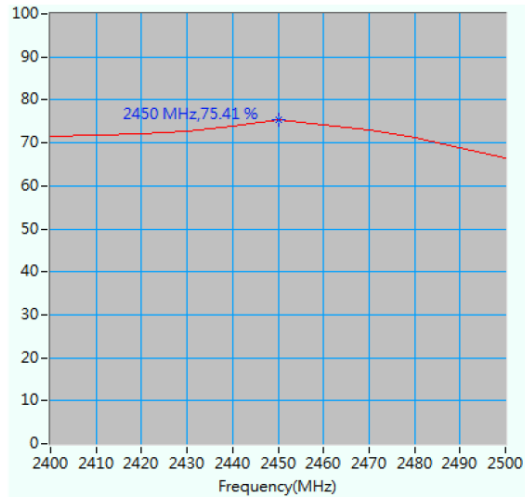
Return Loss & Isolation



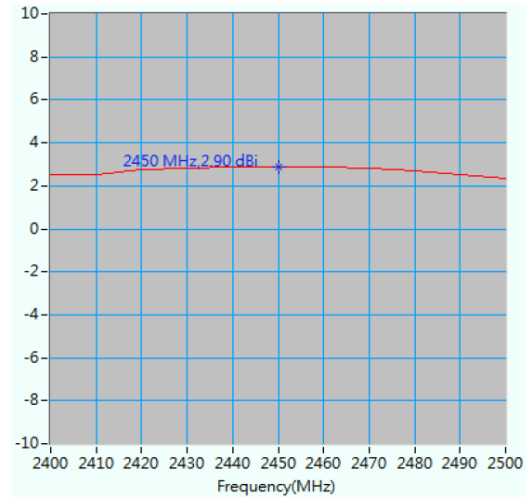
Antenna Efficiency and Peak Gain

ANT1

2400~2500 MHz

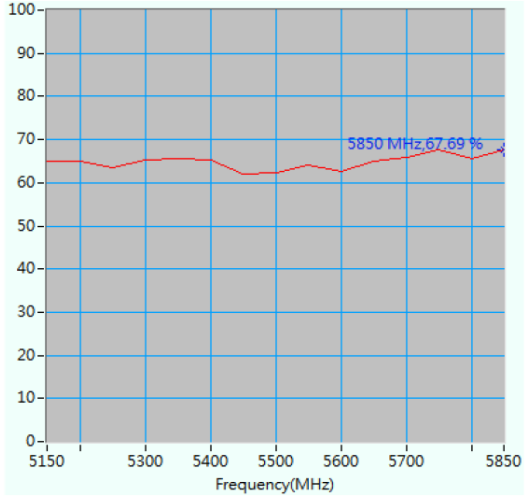


Maximum Efficiency at 2450 MHz : 75.41 %

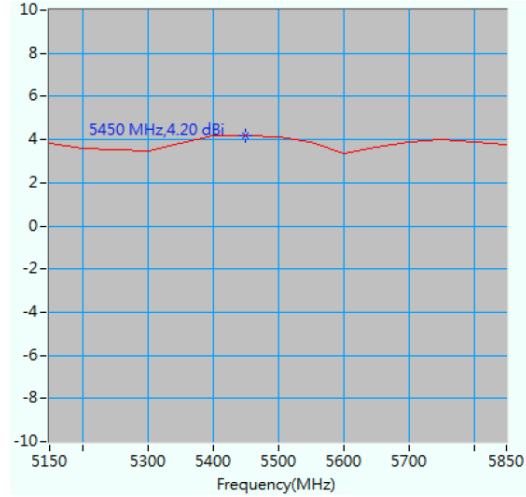


Maximum Peak Gain at 2450 MHz : 2.9 dBi

5150~5850 MHz



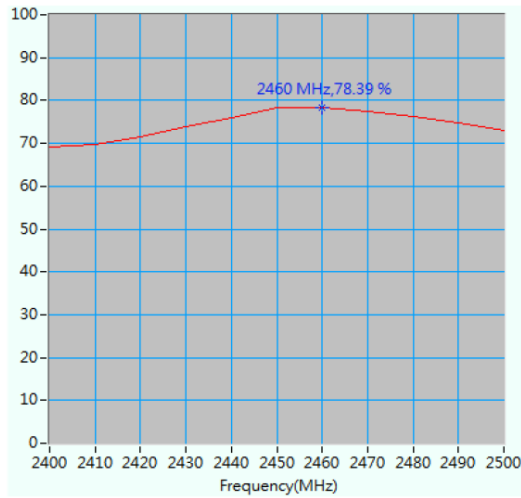
Maximum Efficiency at 5850 MHz : 67.69 %



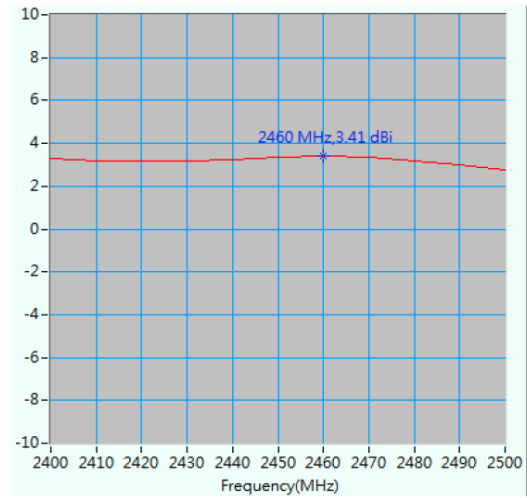
Maximum Peak Gain at 5450 MHz : 4.2 dBi

ANT2

2400~2500 MHz

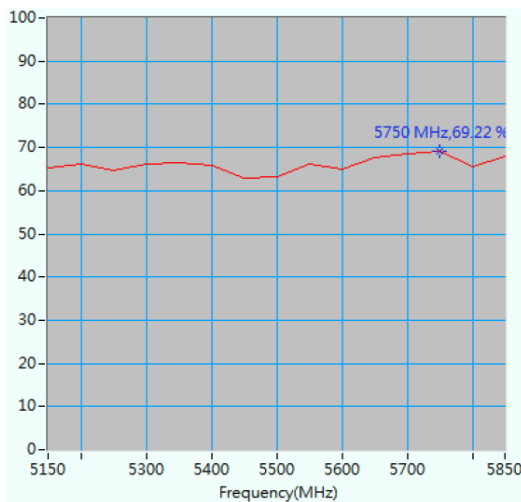


Maximum Efficiency at 2460 MHz : 78.39 %

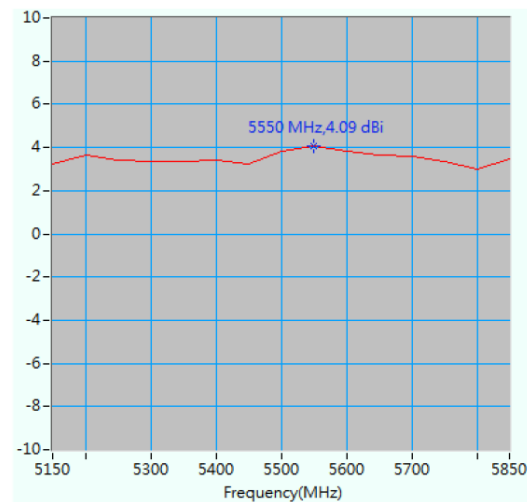


Maximum Peak Gain at 2460 MHz : 3.41 dBi

5150~5850 MHz



Maximum Efficiency at 5750 MHz : 69.22 %



Maximum Peak Gain at 5550 MHz : 4.09 dBi

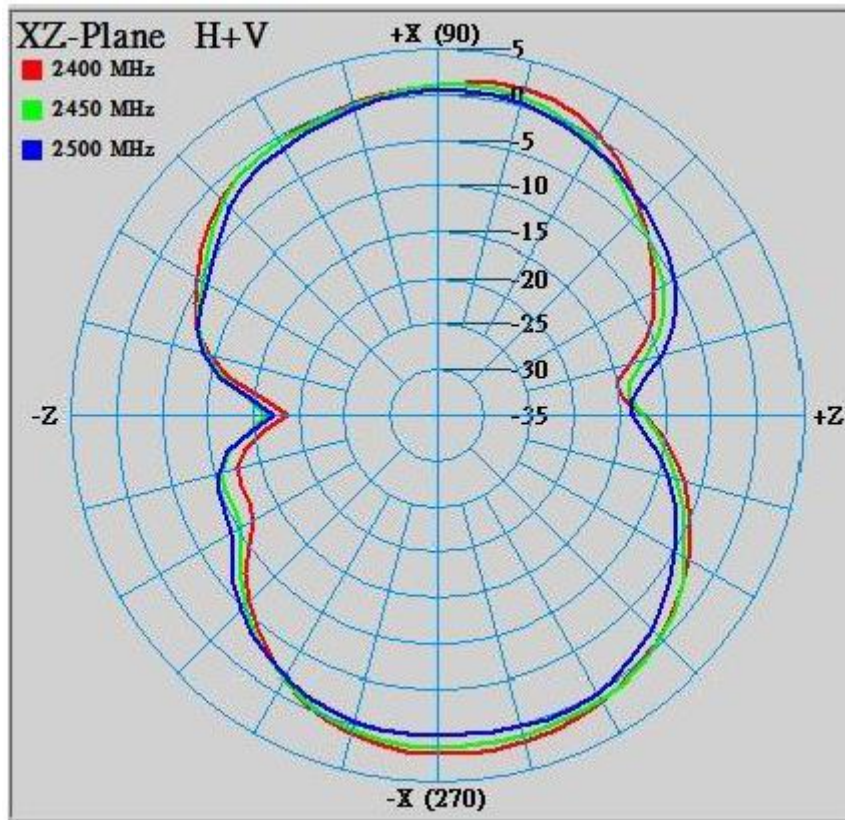
RADIATION PATTERN

ANT1

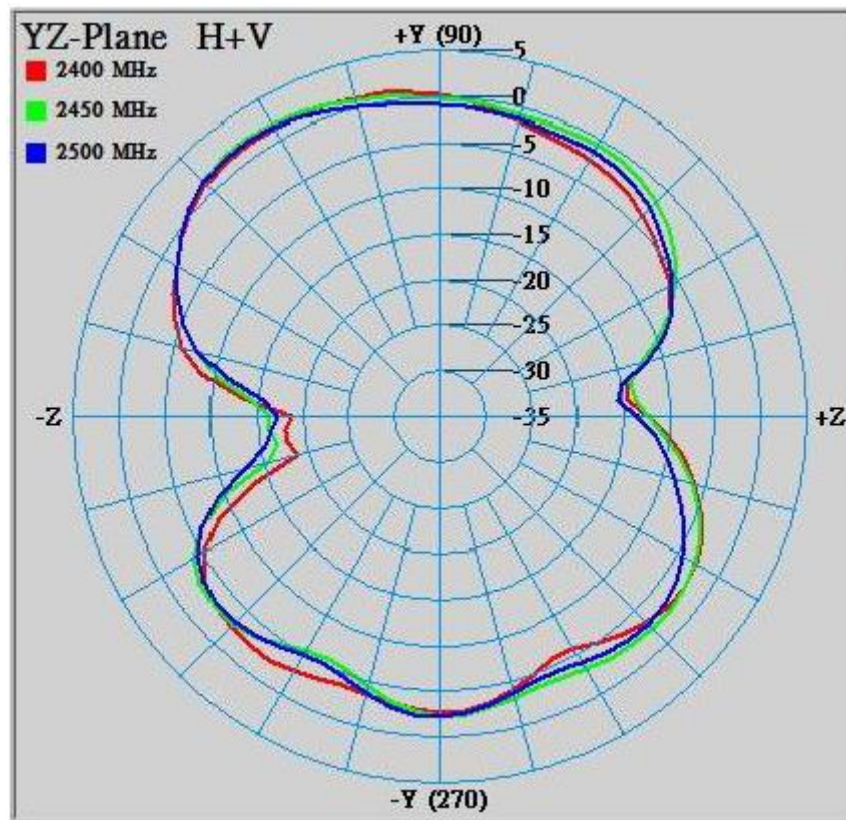
2400~2500 MHz

Phi=0.00deg

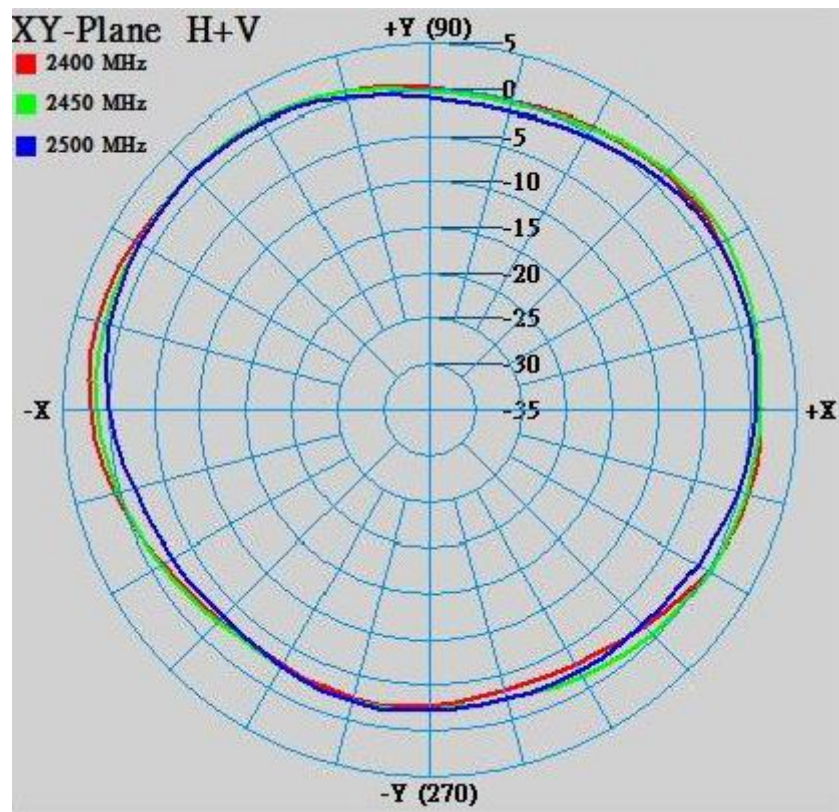
dB



Phi=90.00deg

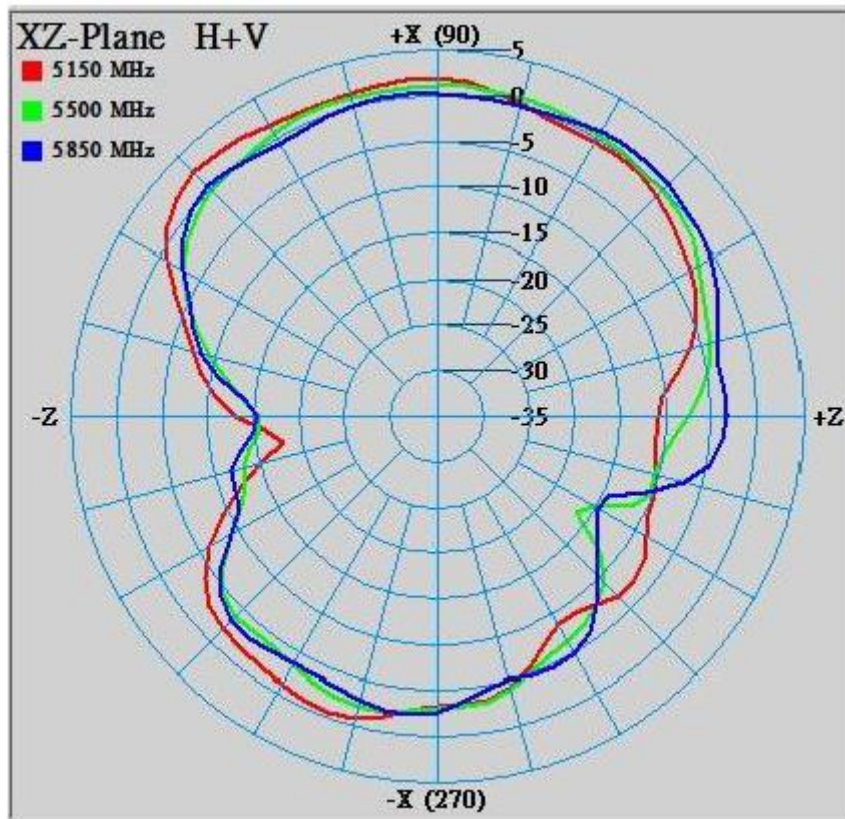


Theta=90.00deg

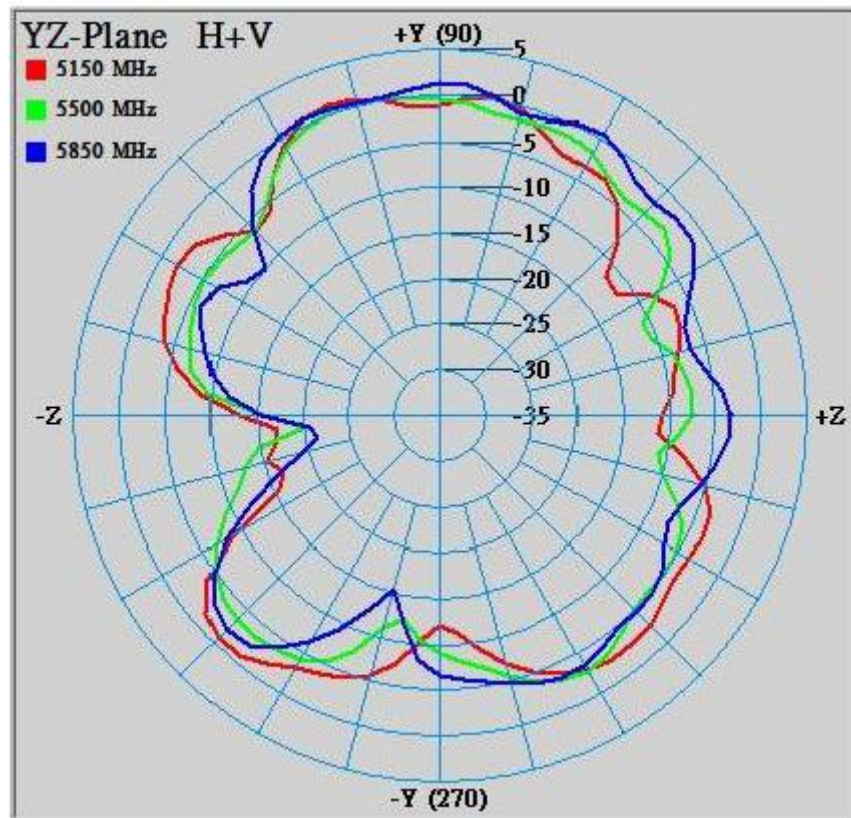


ANT1
5150~5850 MHz

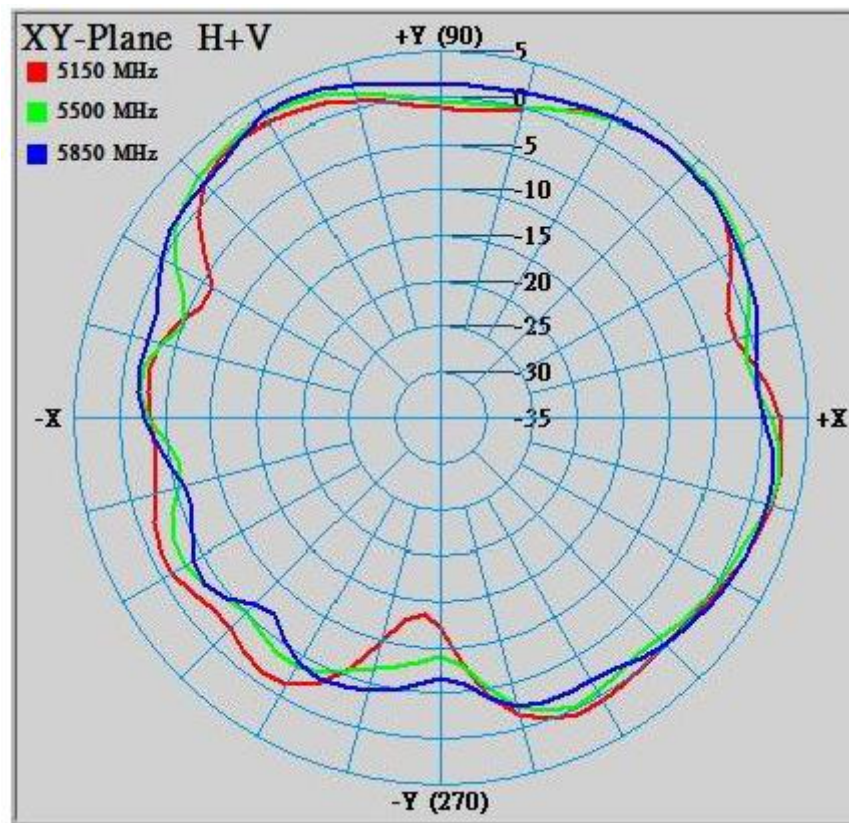
Phi=0.00deg



Phi=90.00deg

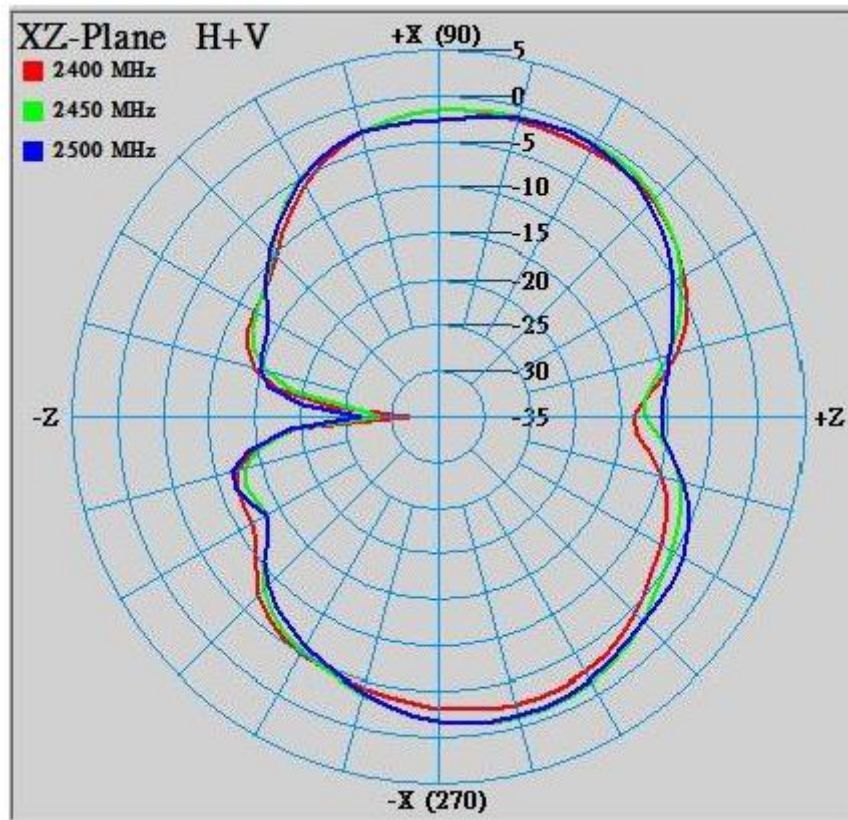


Theta=90.00deg

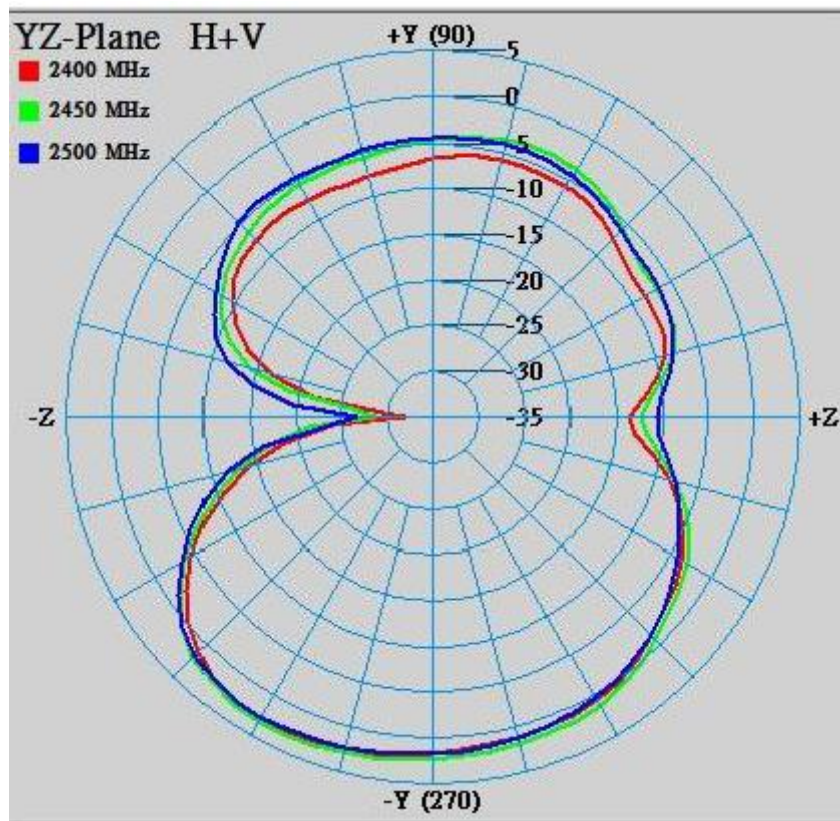


ANT2
2400~2500 MHz

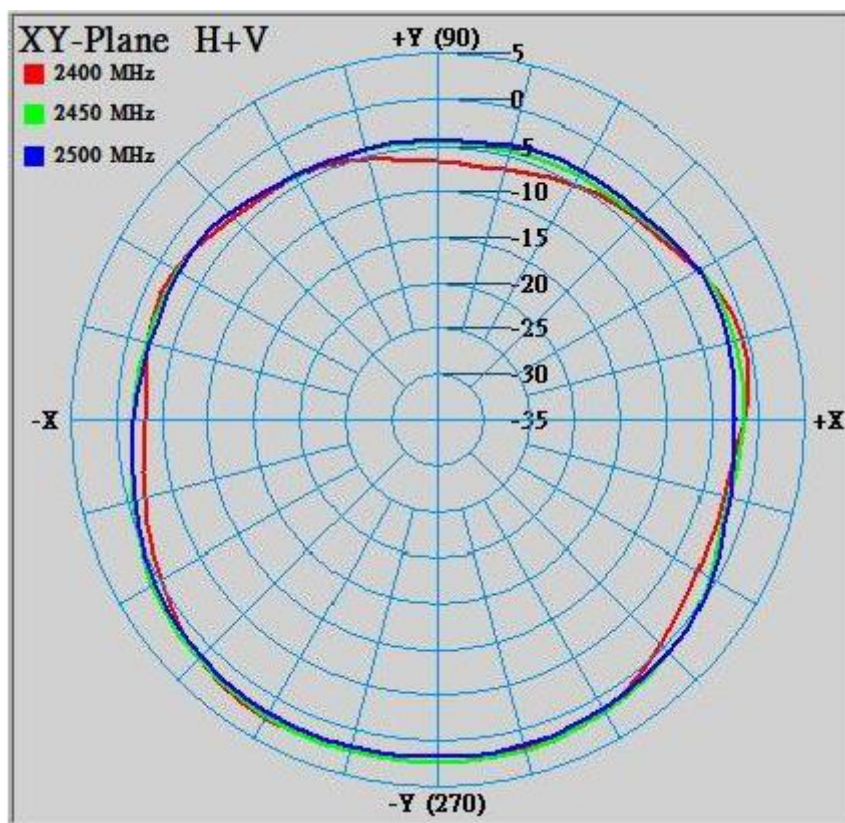
$\Phi=0.00\text{deg}$



Phi=90.00deg

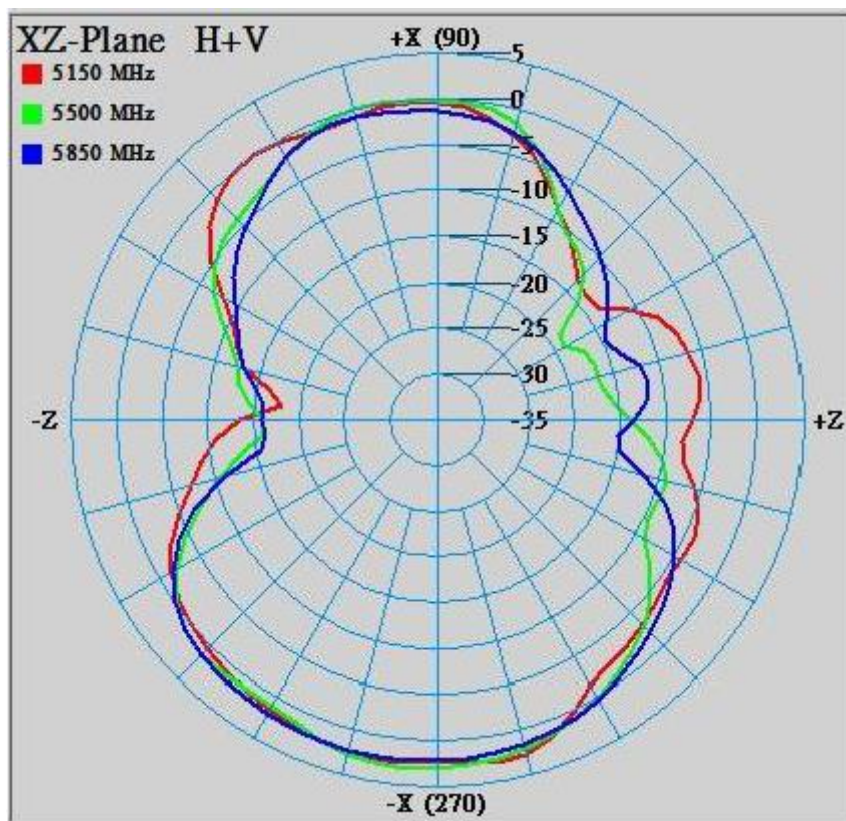


Theta=90.00deg

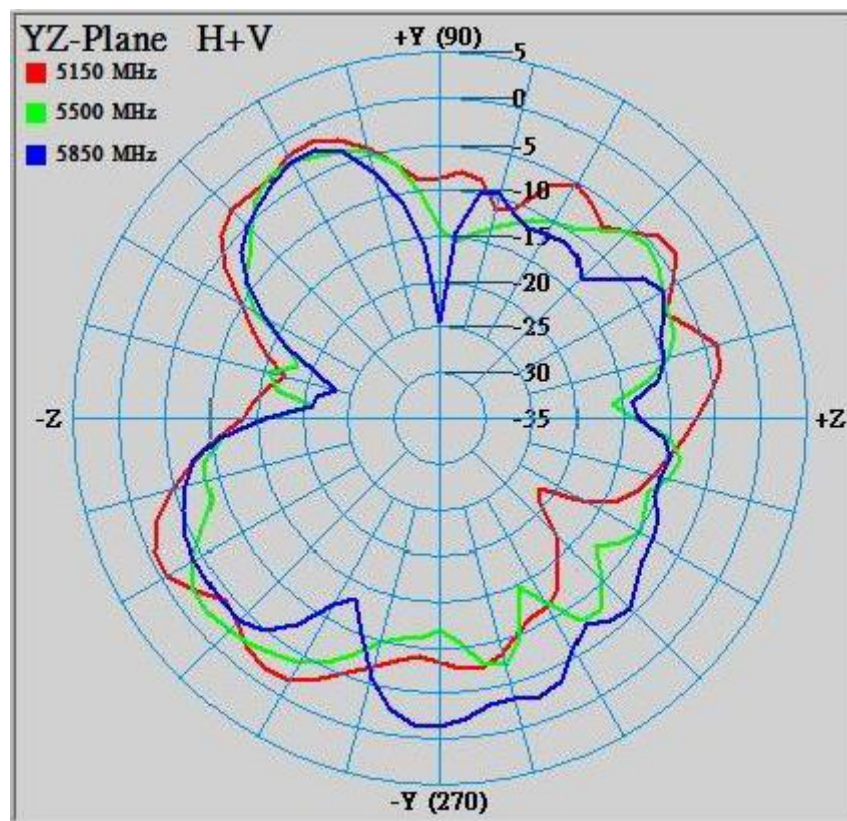


ANT2
5150~5850 MHz

Phi=0.00deg



Phi=90.00deg



Theta=90.00deg

