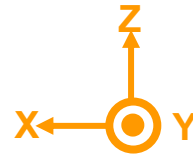


2450AT18B100

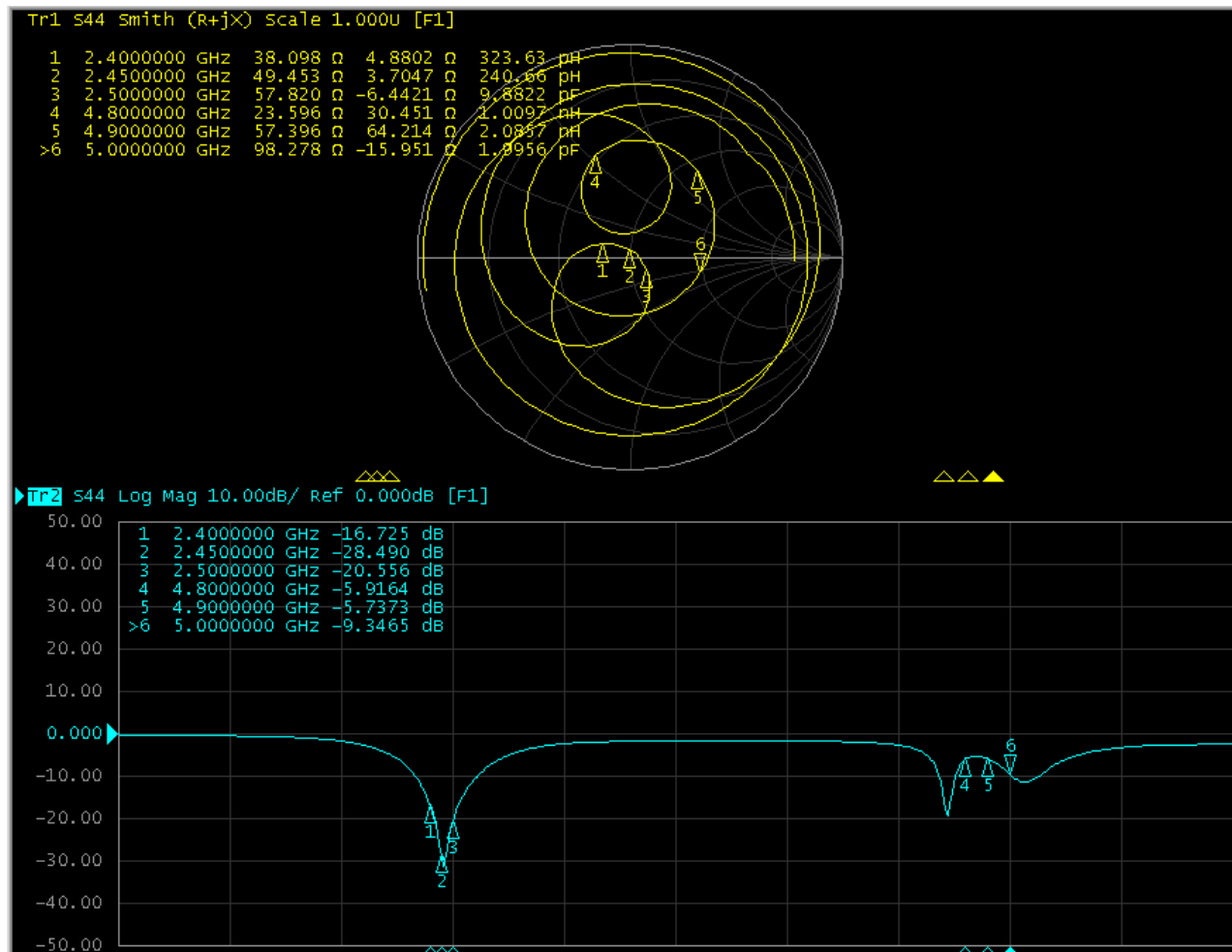


3.3mm*1.65mm

Manufacturer: Shiftall Inc.

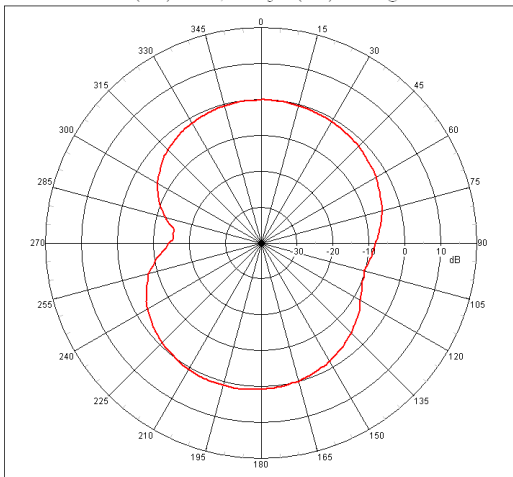
Address: 4F Tokyo Daiwa Bldg., 2-6-10 Nihonbashibakurocho,
Chuo, Tokyo, Japan

Return Loss measurement of 2450AT18B100



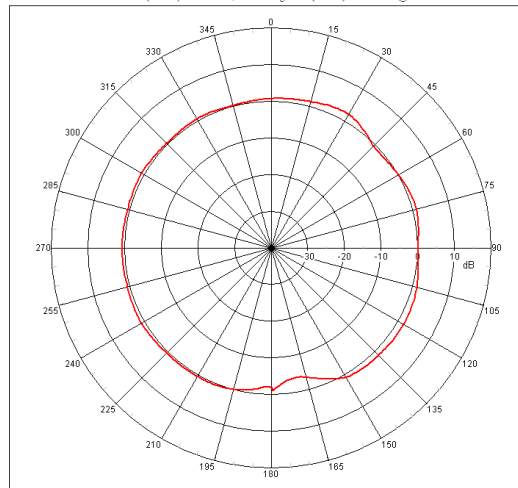
2450AT18B100_2D Gain Pattern @ 2.402GHz

Far-field Power Distribution(Total) on X-Y Plane
Plot Peak Gain(Total)= 1.0 dBi; Plot AvgGain(Total)= -3.1dBi @2.40200 GHz



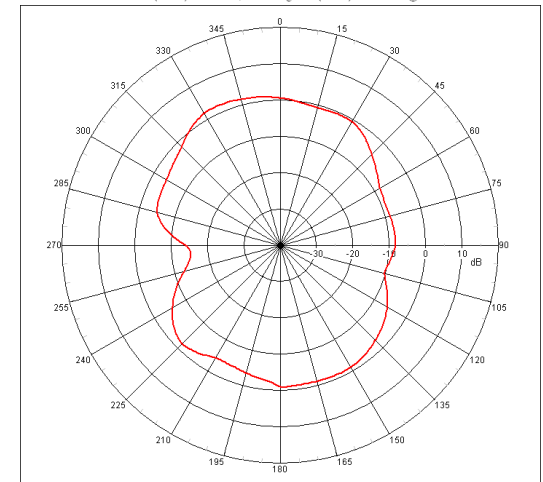
	Peak gain	Avg. gain
XY-plane	1.0	-3.1

Far-field Power Distribution(Total) on X-Z Plane
Plot Peak Gain(Total)= 2.1 dBi; Plot AvgGain(Total)= 0.4dBi @2.40200 GHz



	Peak gain	Avg. gain
XZ-plane	2.1	0.4

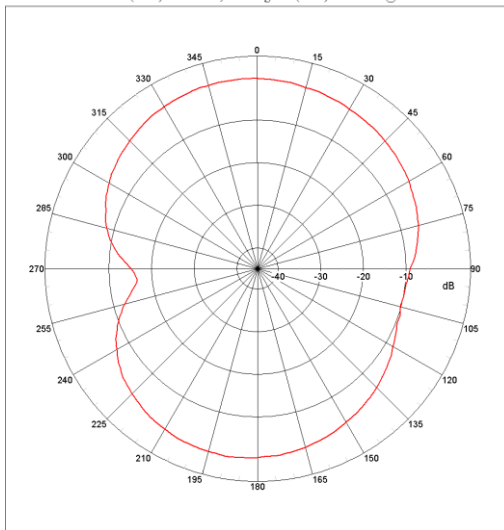
Far-field Power Distribution(Total) on Y-Z Plane
Plot Peak Gain(Total)= 2.1 dBi; Plot AvgGain(Total)= -3.5dBi @2.40200 GHz



	Peak gain	Avg. gain
YZ-plane	2.1	-3.5

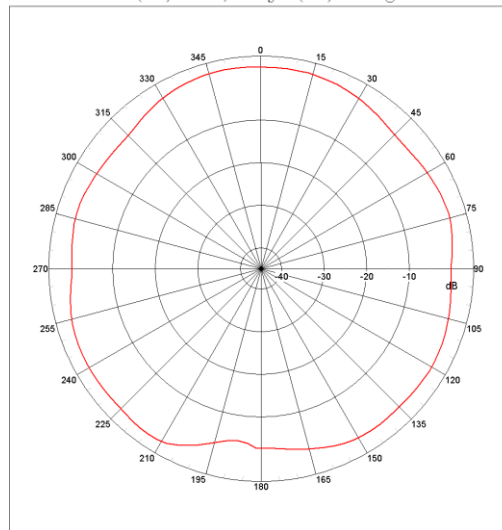
2450AT18B100_2D Gain Pattern @ 2.45GHz

Far-field Power Distribution(H+V) on X-Y Plane
Plot Peak Gain(H+V)=-0.24 dBi; Plot AvgGain(H+V)=-3.84dBi @2.45000 GHz



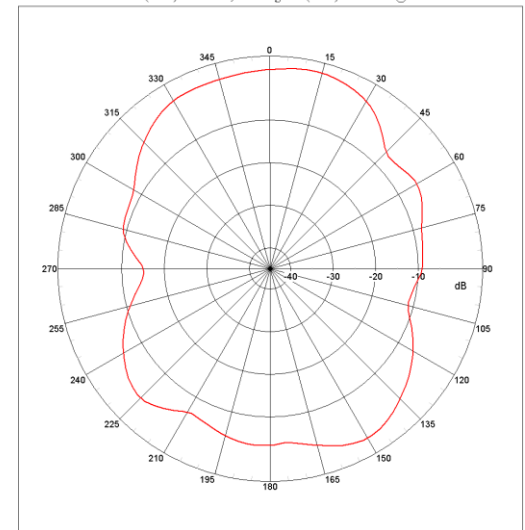
	Peak gain	Avg. gain
XY-plane	-0.2	-3.8

Far-field Power Distribution(H+V) on X-Z Plane
Plot Peak Gain(H+V)= 2.47 dBi; Plot AvgGain(H+V)= 0.53dBi @2.45000 GHz



	Peak gain	Avg. gain
XZ-plane	2.5	0.5

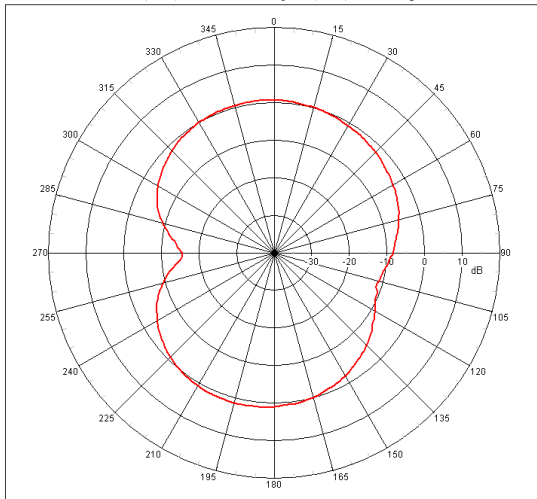
Far-field Power Distribution(H+V) on Y-Z Plane
Plot Peak Gain(H+V)= 2.52 dBi; Plot AvgGain(H+V)=-3.51dBi @2.45000 GHz



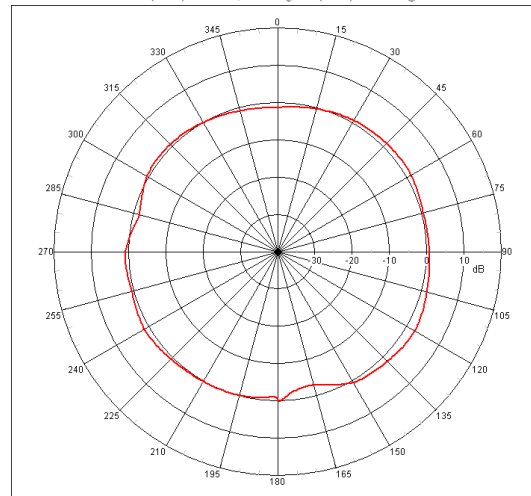
	Peak gain	Avg. gain
YZ-plane	2.5	-3.5

2450AT18B100_2D Gain Pattern @ 2.48GHz

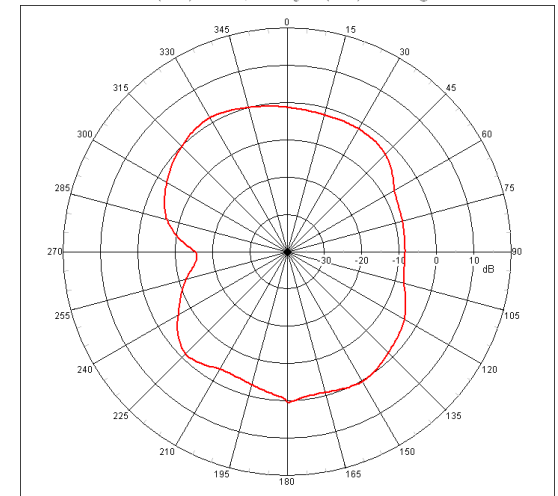
Far-field Power Distribution(Total) on X-Y Plane
Plot Peak Gain(Total)= 1.2 dBi; Plot AvgGain(Total)= -2.8dBi @2.48000 GHz



Far-field Power Distribution(Total) on X-Z Plane
Plot Peak Gain(Total)= 2.2 dBi; Plot AvgGain(Total)= 0.3dBi @2.48000 GHz



Far-field Power Distribution(Total) on Y-Z Plane
Plot Peak Gain(Total)= 1.5 dBi; Plot AvgGain(Total)= -3.2dBi @2.48000 GHz



	Peak gain	Avg. gain
XY-plane	1.2	-2.8

	Peak gain	Avg. gain
XZ-plane	2.2	0.3

	Peak gain	Avg. gain
YZ-plane	1.5	-3.2