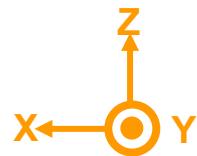


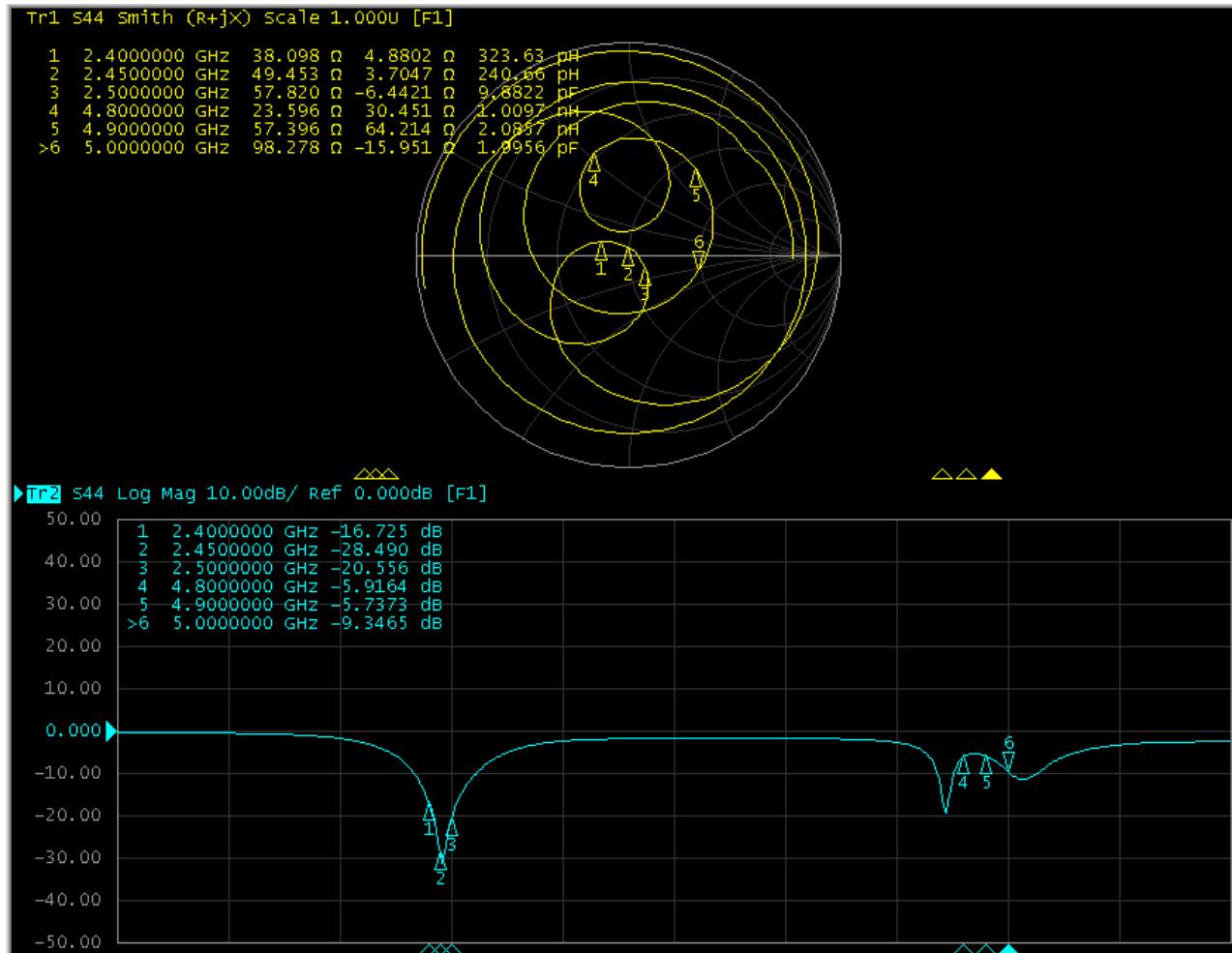
2450AT18B100



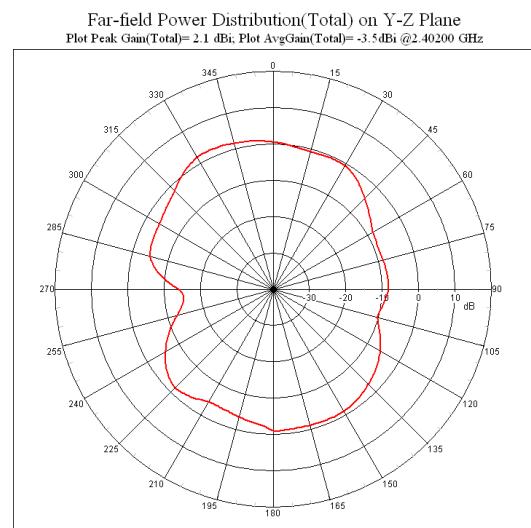
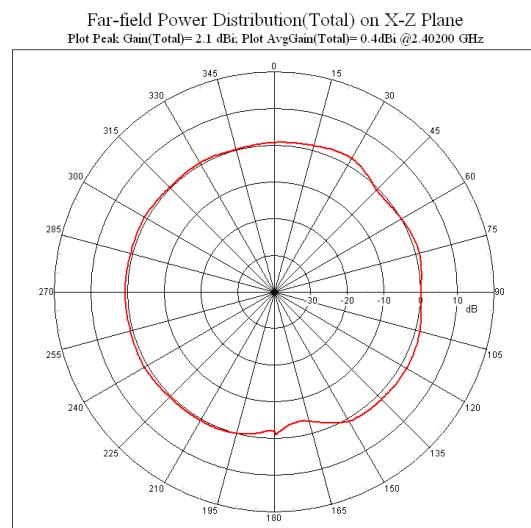
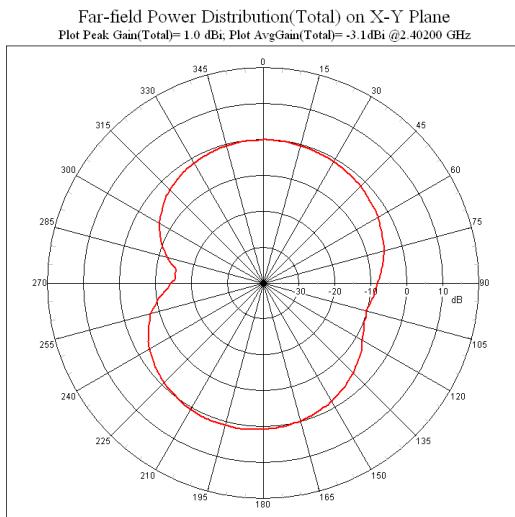
3.3mm*1.65mm

Manufacturer:Shiftall Inc.
Address:4F TokyoDaiwa Bldg., 2-6-10 Nihonbashibakurocho,
Chuo, Tokyo, Japan

Return Loss measurement of 2450AT18B100



2450AT18B100_2D Gain Pattern @ 2.402GHz

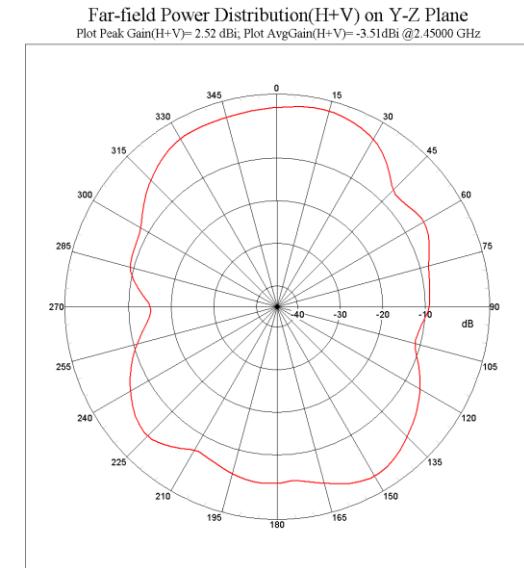
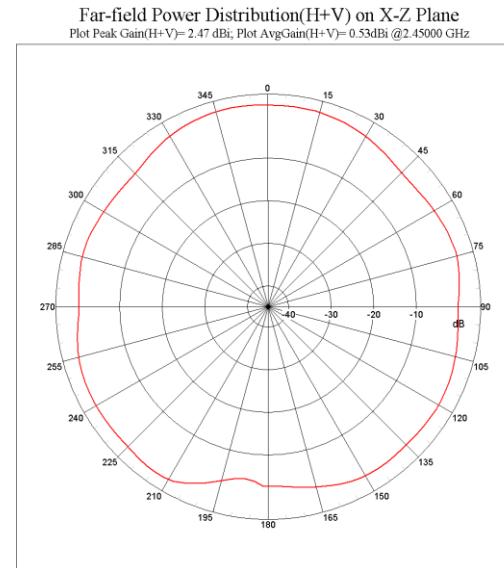
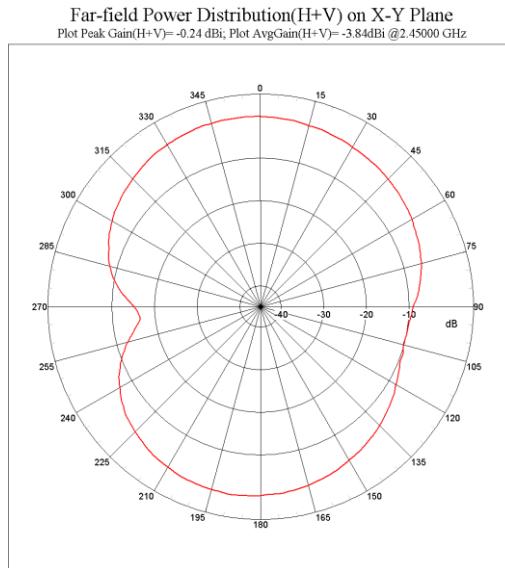


	Peak gain	Avg. gain
XY-plane	1.0	-3.1

	Peak gain	Avg. gain
XZ-plane	2.1	0.4

	Peak gain	Avg. gain
YZ-plane	2.1	-3.5

2450AT18B100_2D Gain Pattern @ 2.45GHz



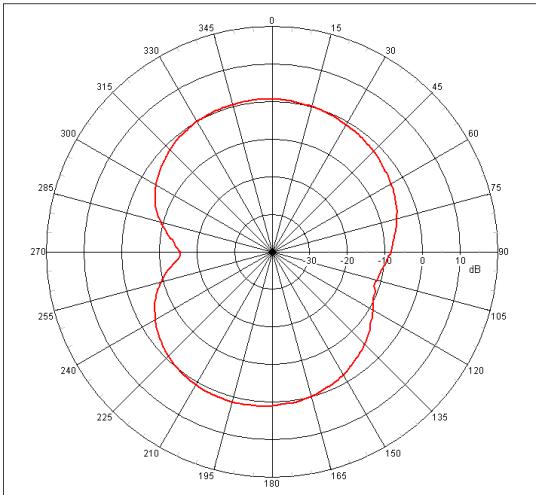
	Peak gain	Avg. gain
XY-plane	-0.2	-3.8

	Peak gain	Avg. gain
XZ-plane	2.5	0.5

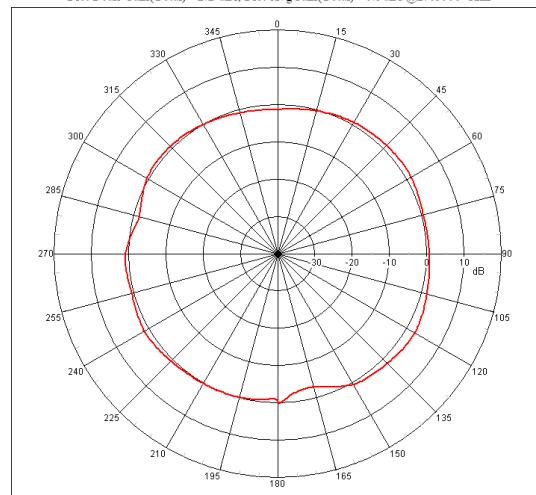
	Peak gain	Avg. gain
YZ-plane	2.5	-3.5

2450AT18B100_2D Gain Pattern @ 2.48GHz

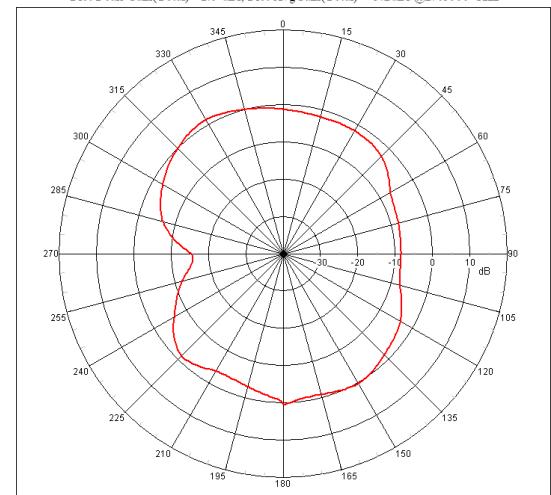
Far-field Power Distribution(Total) on X-Y Plane
Plot Peak Gain(Total)= 1.2 dBi; Plot AvgGain(Total)= -2.8dBi @2.48000 GHz



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