

10 x 4 mm Inverted-F Antenna

TSA6NA4L2G45NS0S1T (AH 104F2450S1-T)

for 2.4GHz

■ Shapes

L= 10.0 ± 0.3 mm

W= 4.0 ± 0.3 mm

T= 1.0 ± 0.3 mm

■ Feature

* Wide Band

* Stable Performance



Actual data

Efficiency : -1.3dB (75%)

Peak Gain : 1.7dBi

Average Gain : 0.4dBi (ZX plane-Vertical polarization)

@2450MHz

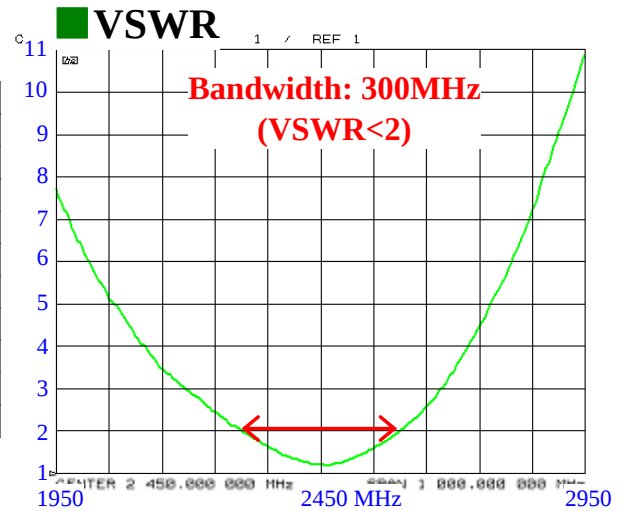


*on Taiyo Yuden's Evaluation Board (53 x 15 mm)

*Element-GND Distance : 1.0 mm

■ Electrical Characteristics

			2400MHz	2450MHz	2500MHz
Efficiency [dB]			-1.3 (74%)	-1.3 (75%)	-1.3 (73%)
Peak gain [dBi]			1.9	1.7	1.8
Average gain [dBi]	XY-plane	TX-H	-2.5	-2.6	-2.8
		TX-V	-21.3	-21.0	-20.8
	YZ-plane	TX-H	-2.5	-2.6	-2.5
		TX-V	-15.4	-15.6	-15.4
	ZX-plane	TX-H	-17.2	-17.0	-16.9
		TX-V	0.3	0.4	0.3



■ Radiation Pattern

