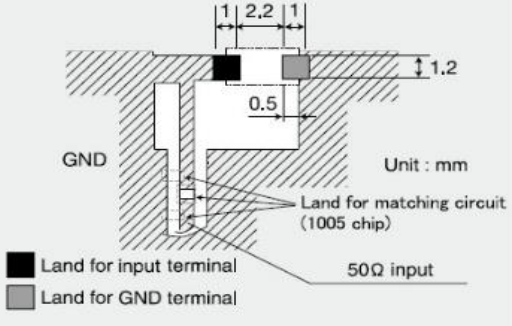
BVMCN52840CFSLR Antenna Data sheet

No.	Company	Parts No.	Frequency	Peak Gain	Connection
1	Taiyo Yuden Co., Ltd.	TSA5NA2K2G45NS001T /AH316M245001	2.4GHz	1.9dBi	SMT

Address: yobashi, Chuo-ku, ,2-7-19
Tokyo 104-0031, Japan

AH316M



2.4GHz Multilayer RadiEdge Antenna (for Bluetooth®, W-LAN)

Date: Sep/01/2011

AH 316M245001

Feature

* Ultra Small
* Low Profile
* High Performance
* Small Keep-out Area

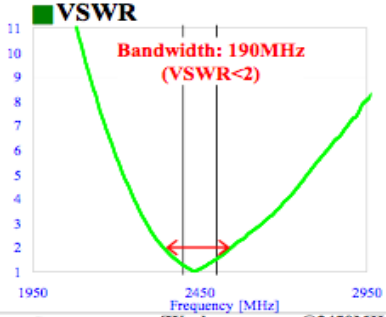
Actual data

Efficiency : -1.3dB (73%)
Peak Gain : 1.9dBi @2450MHz
Average Gain : 0.0dBi (ZX plane-Vertical polarization)

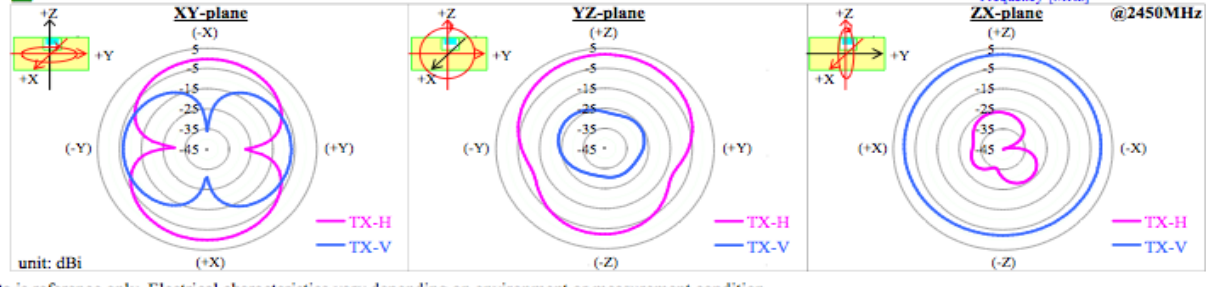
Electrical Characteristics

			2400MHz	2450MHz	2500MHz
Efficiency [dB]			-1.4 (73%)	-1.3 (73%)	-1.4 (73%)
Peak gain [dBi]			1.9	1.9	1.6
Average gain [dBi]	XY-plane	TX-H	-3.1	-3.2	-3.0
		TX-V	-9.4	-9.7	-10.4
	YZ-plane	TX-H	-2.1	-2.1	-2.3
		TX-V	-26.8	-26.3	-25.4
	ZX-plane	TX-H	-29.2	-29.2	-27.9
		TX-V	-0.1	0.0	0.0

VSWR



Radiation Pattern



The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
TAIYO YUDEN reserves the right to make change to the Date at any time without notice.
Before making final selection, please check product specification

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