

承 認 書

SPECIFICATION FOR APPROVAL

客戶名稱
CUSTOMER : _____

客戶料號
CUSTOMER'S P/N : _____

料號
PART NUMBER : WAN2012F245C04

規格
DESCRIPTION : Conducting Wire Antenna 2012 L Ant 2.45G Type 04

版本
VERSION : V1.1

日期
ISSUE DATE : 2020/02/07

客戶承認 CUSTOMER APPROVED

工 程 部 R&D CENTER		
承 認 APPROVAL	確 認 CHECKED	製 作 DRAWN
Ray	Tennyson	Snow

Dongguan Manzhi Technology Co., Ltd

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Guangdong Province

1. Electrical Specification

Specification		
Part Number	WAN2012F245C04	
Central Frequency	2450	MHz
Bandwidth	85 (Min.)	MHz
Return Loss	-6.5 (Max)	dB
Peak Gain	1.00	dBi
Impedance	50	Ohm
Operating Temperature	-40~+110	°C
Maximum Power	4	W
Resistance to Soldering Heats	10 (@ 260°C)	sec.
Polarization	Linear	
Azimuth Beamwidth	Omni-directional	
Termination	Ni / Au (Leadless)	

Remark : Bandwidth & Peak Gain was measured under evaluation board of next page

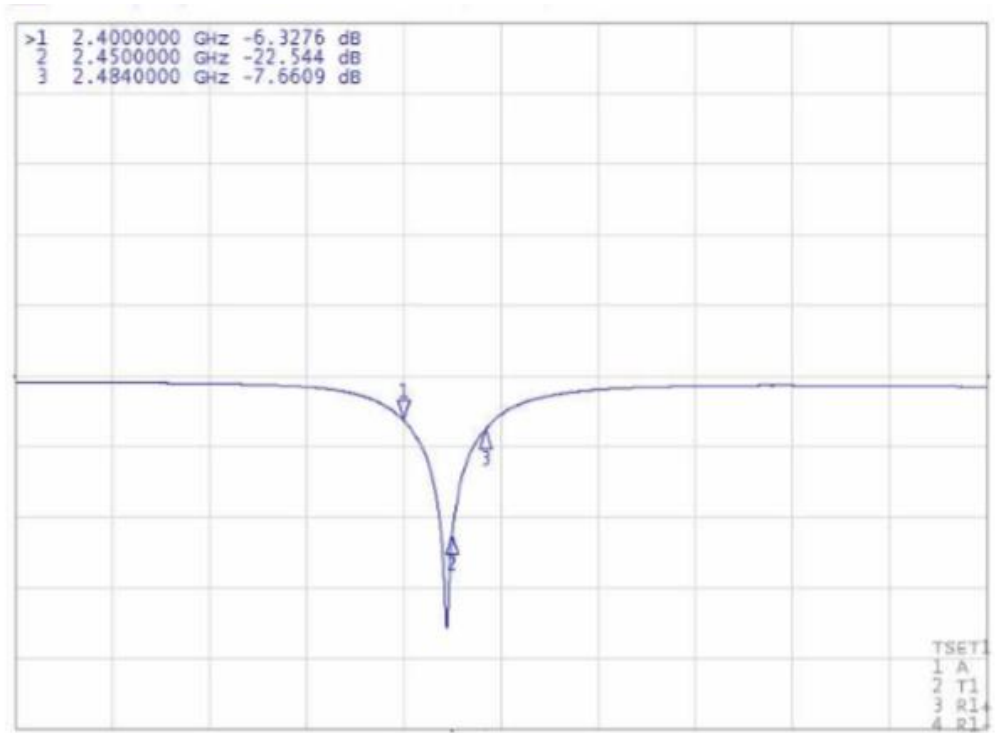
2. Conducting Wire Antenna

Evaluation Board Dimension (length : 32mm)

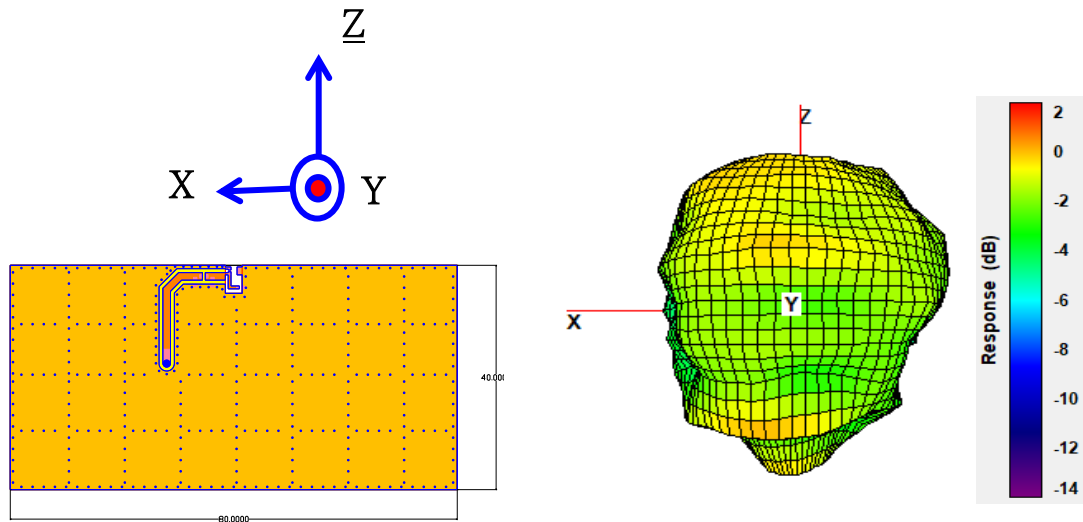


3. Measurement Results

Return Loss



Radiation Pattern



	Efficiency	Peak Gain	Directivity
2400MHz	63.12 %	-0.98dBi	-0.99dBi
2450MHz	70.56 %	1.00dBi	-0.78dBi
2500MHz	65.48 %	-0.87dBi	-0.68dBi

Chamber Coordinate System

