

东莞市满致科技有限公司

Dongguan Manzhi Technology Co., Ltd

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

Room 301, Building 3, No. 2, Zhangyang Fuzhu 3rd
Street, Zhangmutou Town, Dongguan City,
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

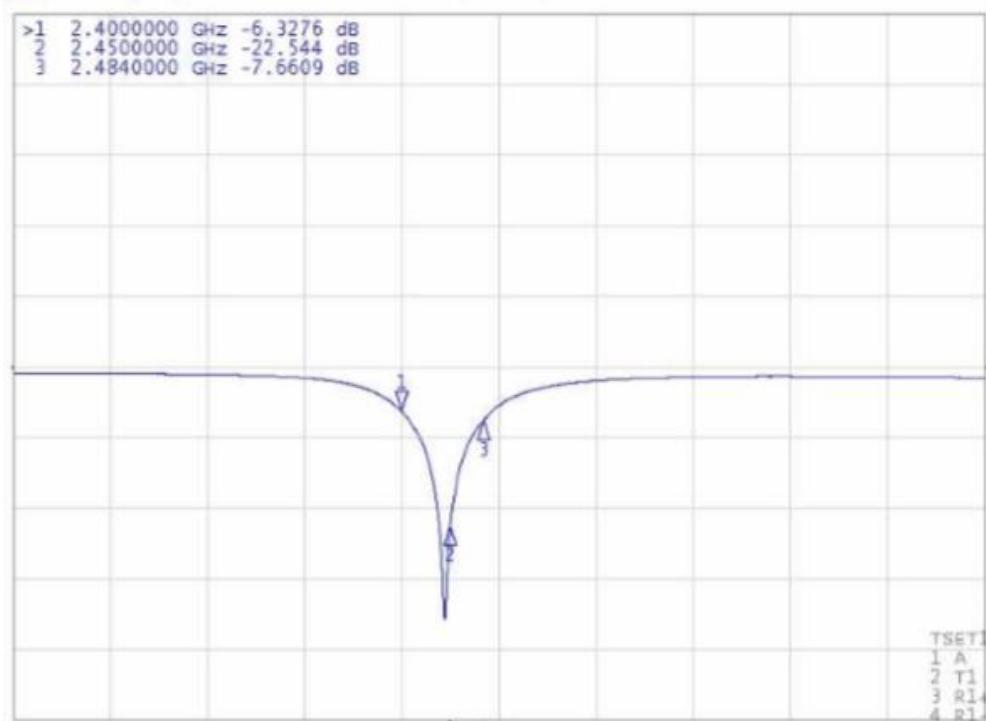
2. Conducting Wire Antenna

Evaluation Board Dimension (length : 32mm)

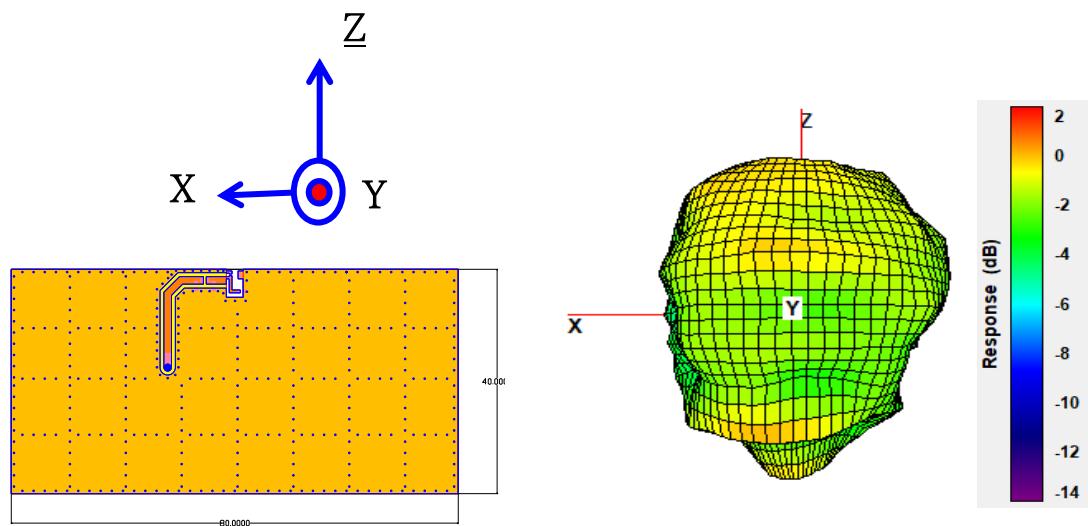


3. Measurement Results

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

