

Specification for approval

Model Name	北京播思/ DUCATI	Frequency band	902-928MHz
VLG P/N	V1129-007	Versions	A
RF engineer	Hushuai	Reviewed by	
Structural engineer	Qunyan Wu		
Quality engineer	Hong Yu		
PM	Xia Yin		
date	2014-01-07		
Customer project name			
Customer P/N			
Customer Confirm			
VLG Wireless Technology			

Report Name	DUCATI	Customer	北京播思
Date	2014-01-07	Ver	1.0
Owner	Hushuai	Reviewed by	

深圳市维力谷无线技术有限公司
SHEN ZHEN VLG WIRELESS TECHNOLOGY CO.,LTD

CONTENT

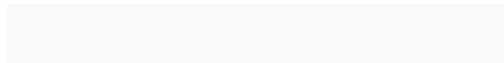
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1 General Information

- Antenna type is Integrated antenna .
- Antenna shape size: Meet the requirement of DUCATI.
- Antenna band: 902-928MHz
- Antenna material: Antenna material meet the requirement of DUCATI
- Mechanical Information

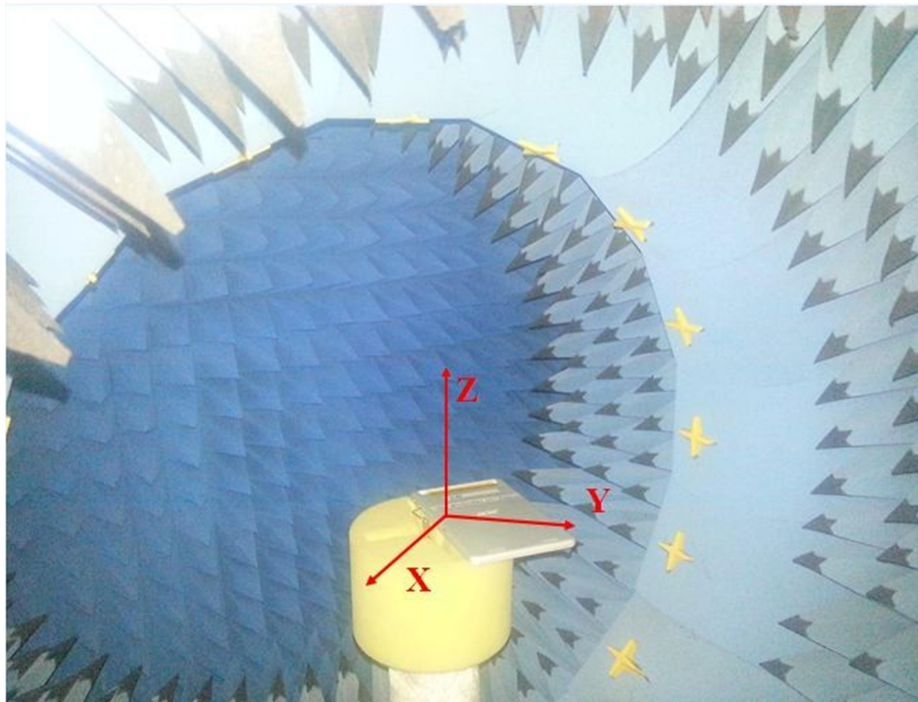
Mechanical Dimension	
Description	Material
MAX Antenna gain	1.5649dBi
Metal	SUS304 1/2H Nickel preplating
Coaxial Cable	50Ohm/O.D.0.4mm
Mini Coaxial Connector	N/A
Environmental	
Operation Temperature	-40 to +85 deg C
Storage Temperature	-40 to +85 deg C



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2 Test information

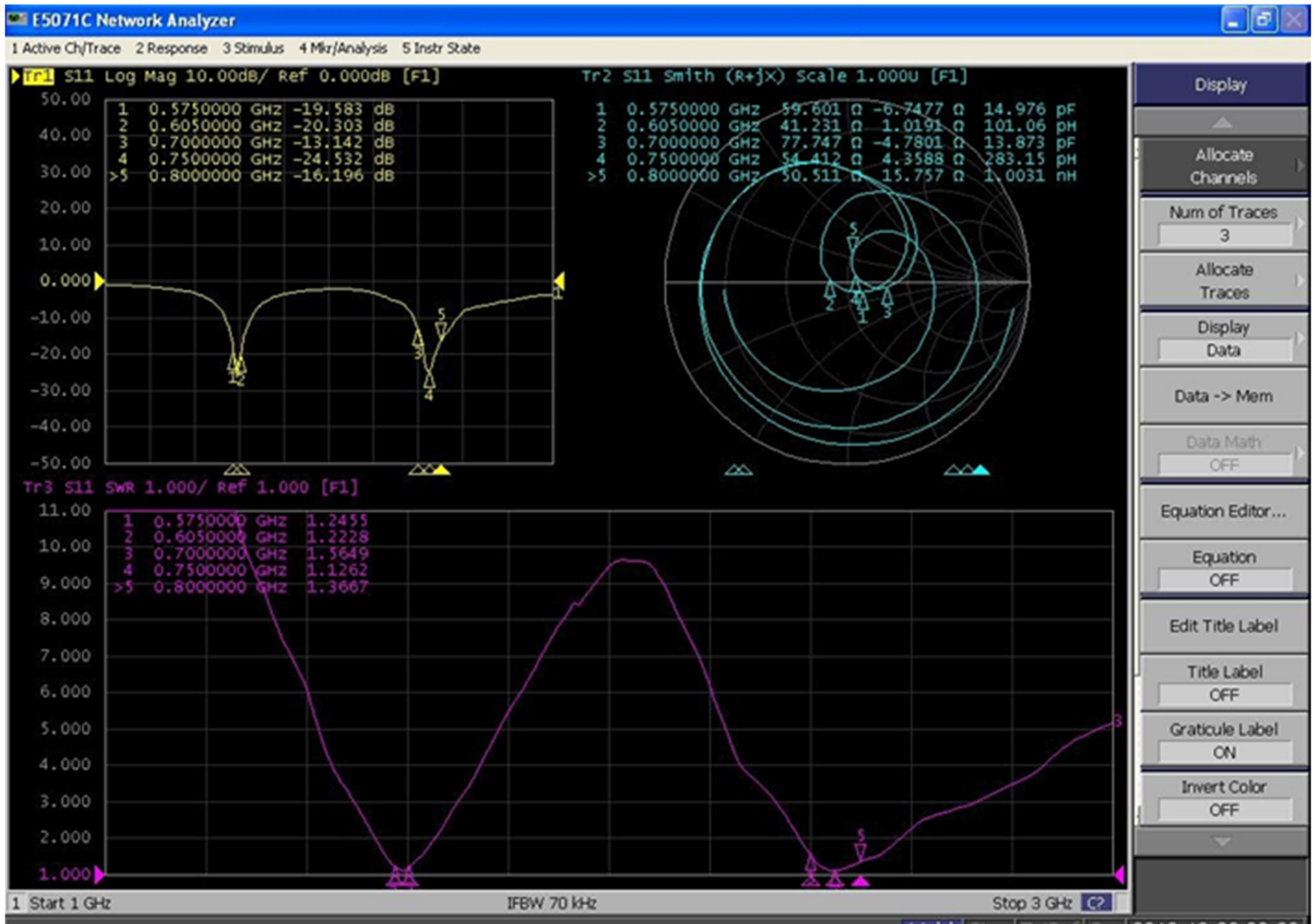
2.1 Test environment



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3 Measurement information

3.1 S11



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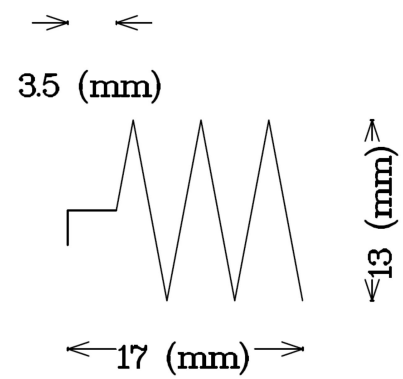
3.2 Peak Gain and Average Gain(azimuth plane)

The efficiency is tested in VLG's SATIMO Starlab chamber.

Antenna

Frequency (MHz)	Efficiency	Frequency (MHz)	Efficiency
900	48.6%	914	50.4%
902	50.0%	916	50.3%
904	50.5%	918	50.1%
906	51.4%	920	49.6%
908	50.8%	930	48.3%
910	50.6%		
912	50.4%		

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- 1.材质: SUS304 1/2H 预镀镍
- 2.厚度: 0.4mm