

ANTENNA INFORMATION

OEM	NA
ODM	Compal
Platform model name	MP22-NEON416-C
Intel platform (ex: Yes, No or NA)	NA
Platform type (ex: regular NB, convertible PC, AIO...etc)	Tablet
SAR minimum separation (mm)	NA

Antenna manufacturer	Smart Approach Co., Ltd.	
Address	3F.-5, No. 1, Taiyuan 2nd St., Zhubei City, Hsinchu County 30288, Taiwan (R.O.C.)	
Antenna Part number	Main: DC33002Q42H (SE-ER5L1-003)	Aux: NA
Antenna type (ex: PIFA, Dipole...etc)	PIFA	

Antenna Peak gain w/ cable loss (dBi)*									
	2400MHz	2450MHz	2500MHz						
Main	1.84	2.14	2.28						
Aux	NA	NA	NA						

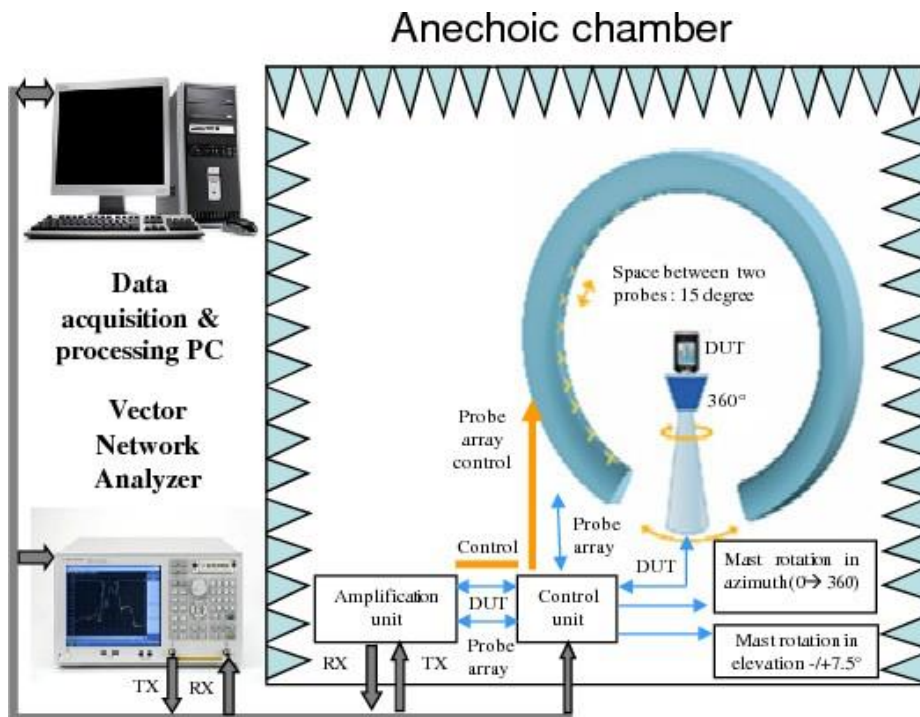
Cable Assembly Part Number and Information					
	Cable PN	Cable length(mm)	Cable diameter(mm)	Impedance(ohm)	Connector type
Main	01-13LC0-0P4	290	1.13	50 ohm	I-PEX
Aux					

* 3D Antenna Peak Gain required being test in system basis.

1. Test & System Description

1.1 Measurement Method and System

Test setting:



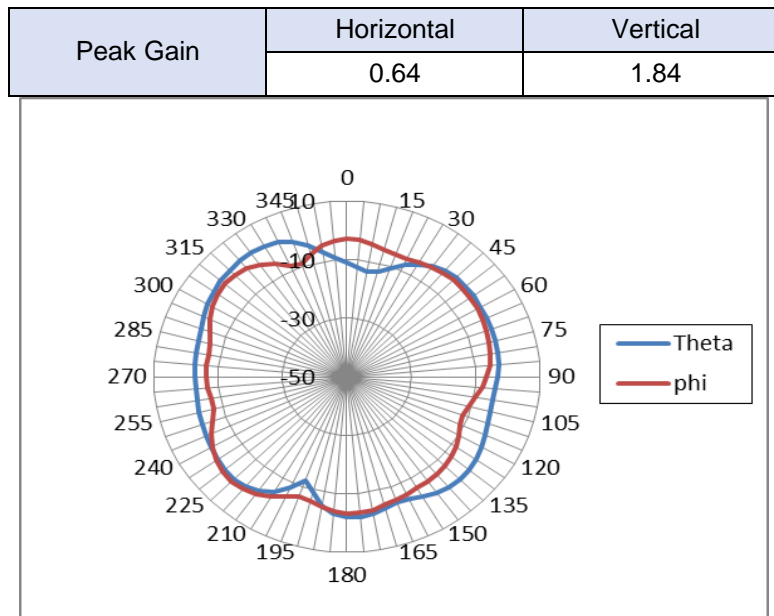
1.3 Equipment list

Device	Manufacturer
■ SATIMO SG24 system : 0.4 to 6 GHz	MVG
■ Control unit	MVG
■ Power and control unit	MVG
■ Tx and Rx amplification units	MVG
■ Instrumentation rack	MVG
■ Uninterruptible power supply	FT
■ Reference horns	MVG
■ Vector Network Analyzer	Agilent E5071C

2. Radiation characteristics of antenna loaded in Host Platform

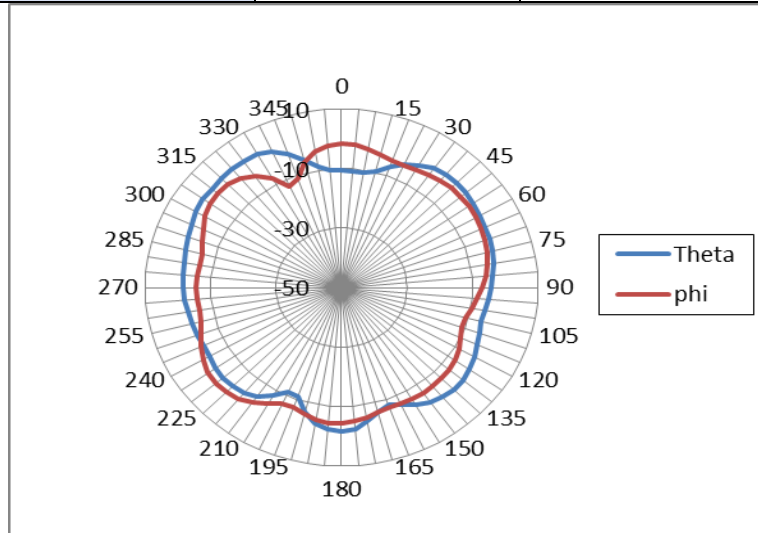
Main Antenna

- BT Antenna: 2400MHz



■ BT Antenna: 2450MHz

Peak Gain	Horizontal	Vertical
	0.13	2.14



■ BT Antenna: 2500MHz

Peak Gain	Horizontal	Vertical
	-0.58	2.28

