

Product Specification

A. Electrical Characteristics	
Frequency	2400 MHz ~2500 MHz
VSWR	< 2 @ 2400 MHz ~ 2500 MHz
Model:	SX-PCB-2.4G-0226A
Efficiency	>40%
Impedance	50 Ohm
Polarization	Linear
B. Material & Mechanical Characteristics	
Material of Radiator	PCB Black
Cable Type	PCB Antenna
Connector Type	
Dimension	
C. Environmental	
Operation Temperature	- 30 °C ~ + 80 °C
Storage Temperature	- 30 °C ~ + 85 °C

Test Equipment & Conditions

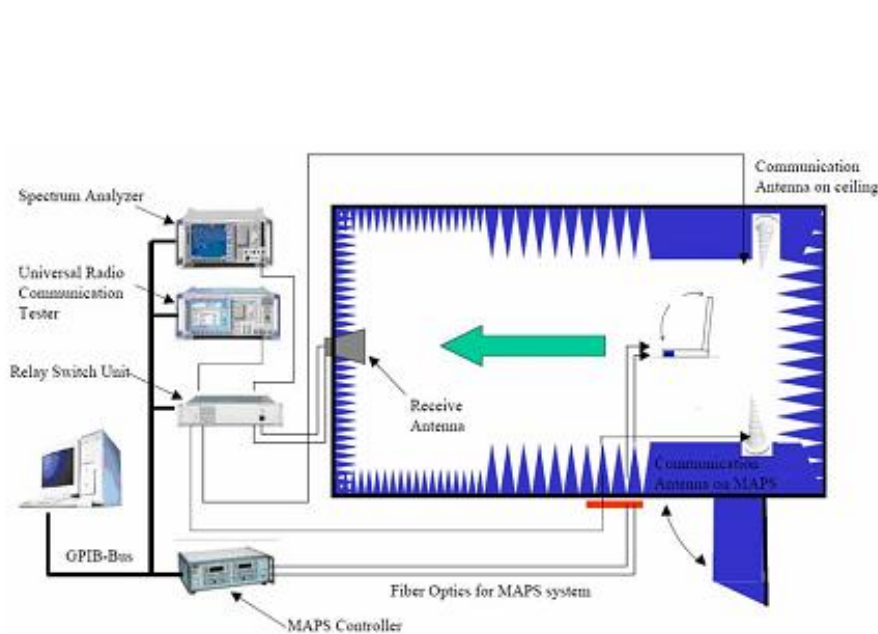
1. Network Analyzers :

Agilent 8753D 5071B

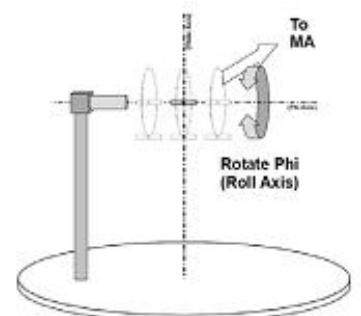
2. Communications Test Set:

Agilent E5515C

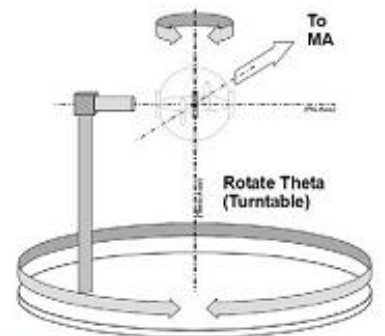
3. 3D Chamber Test System



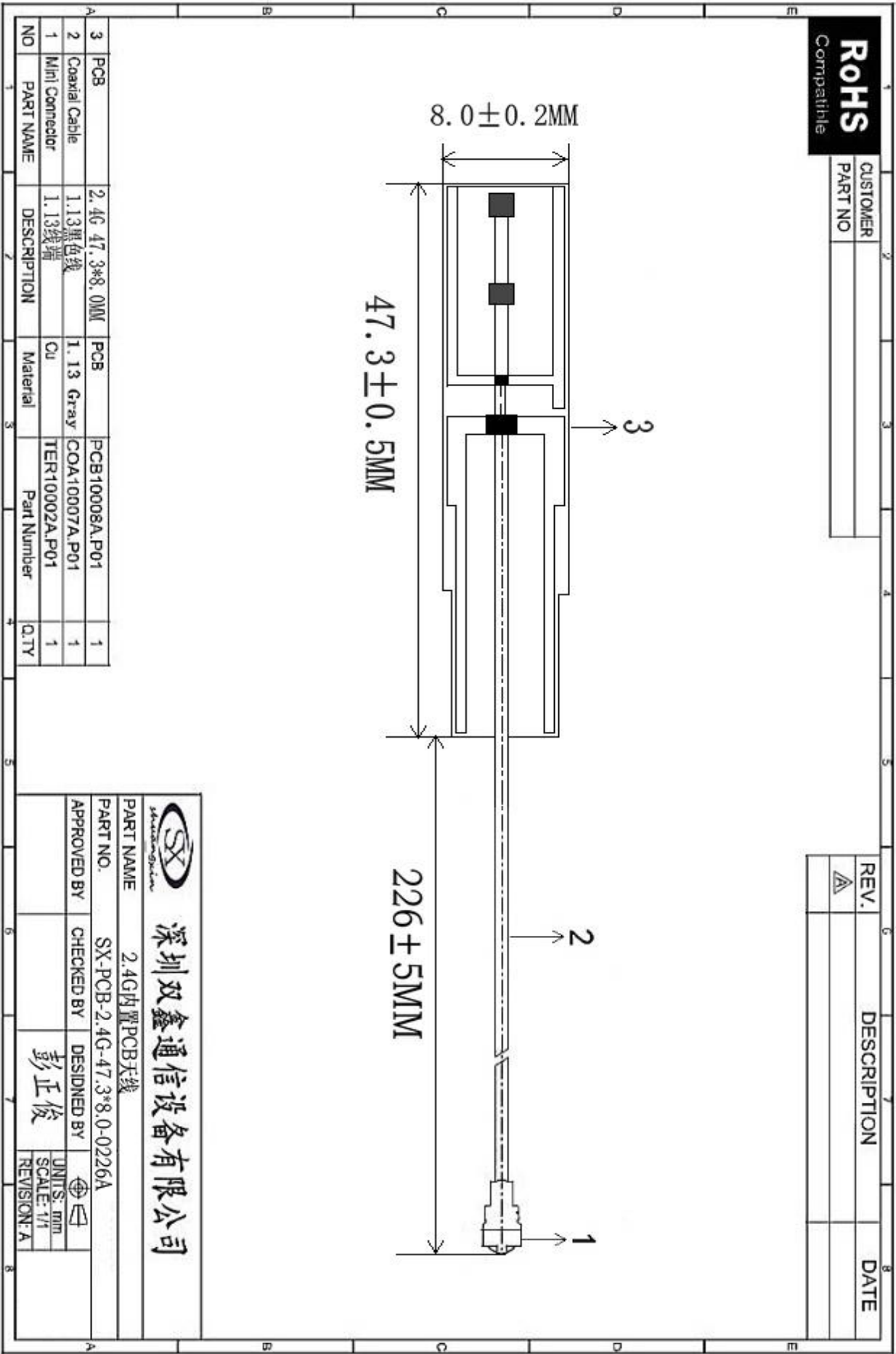
(Testing by 3D anechoic chamber)



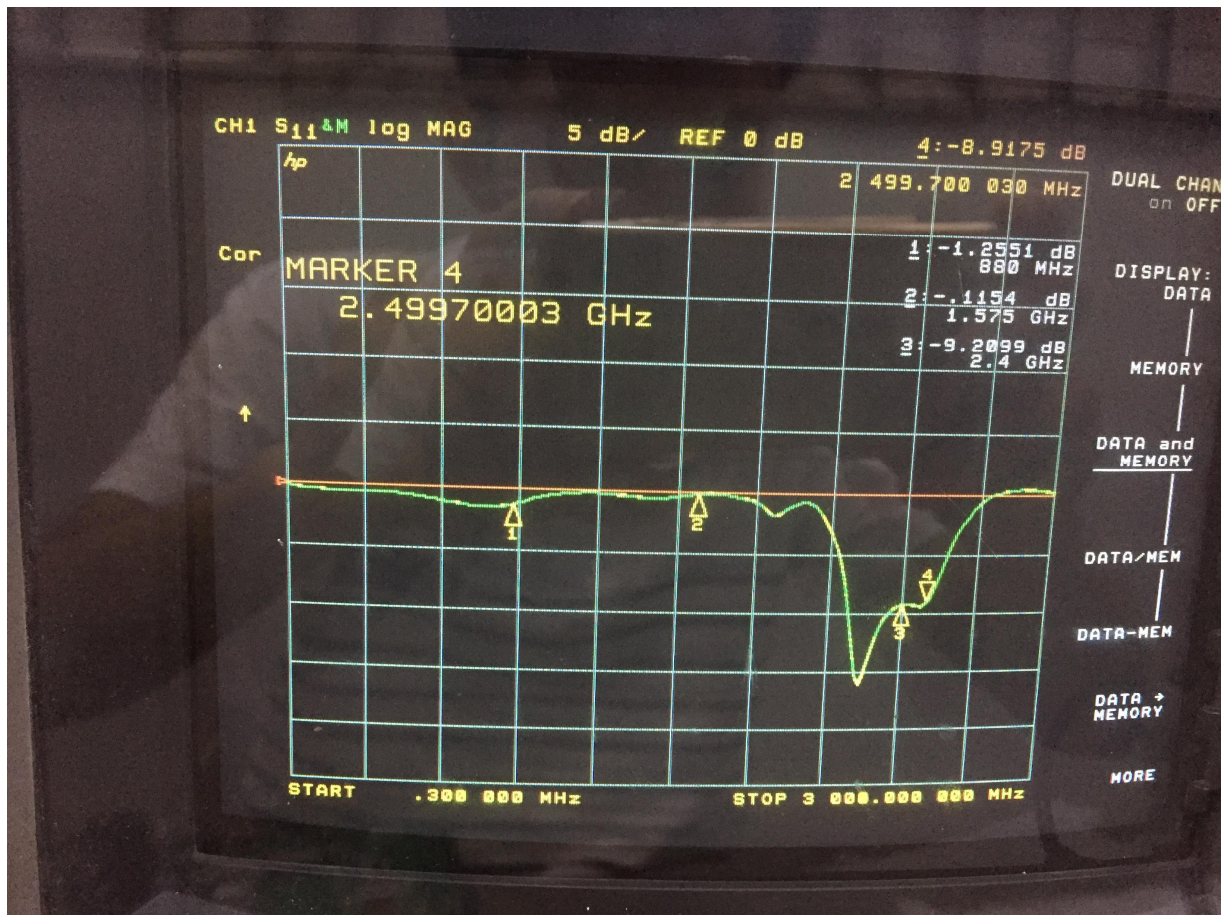
Phi axis test



Theta axis test



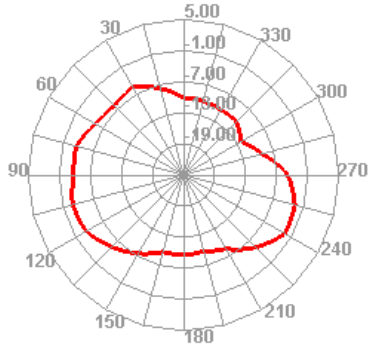
Antenna Impedance:



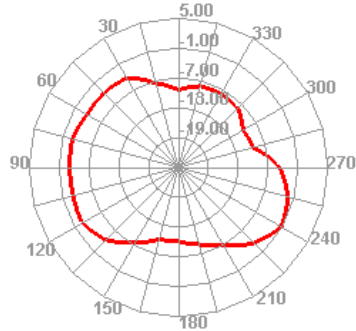
Total Efficiency &GAIN:

Freq	Effi	Gain
(MHz)	(%)	(dBi)
2400	41.96	1.22
2410	41.36	0.77
2420	39.34	0.4
2430	40.55	1.95
2440	42.28	1.18
2450	43.04	1.49
2460	43.92	1.86
2470	45.94	3.0
2480	46.09	2.18
2490	49.02	2.51
2500	49.68	2.48

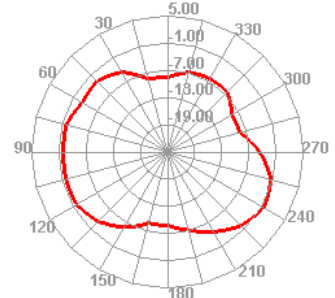
2400.000MHz H



2450.000MHz H



2500.000MHz H



Antenna :

