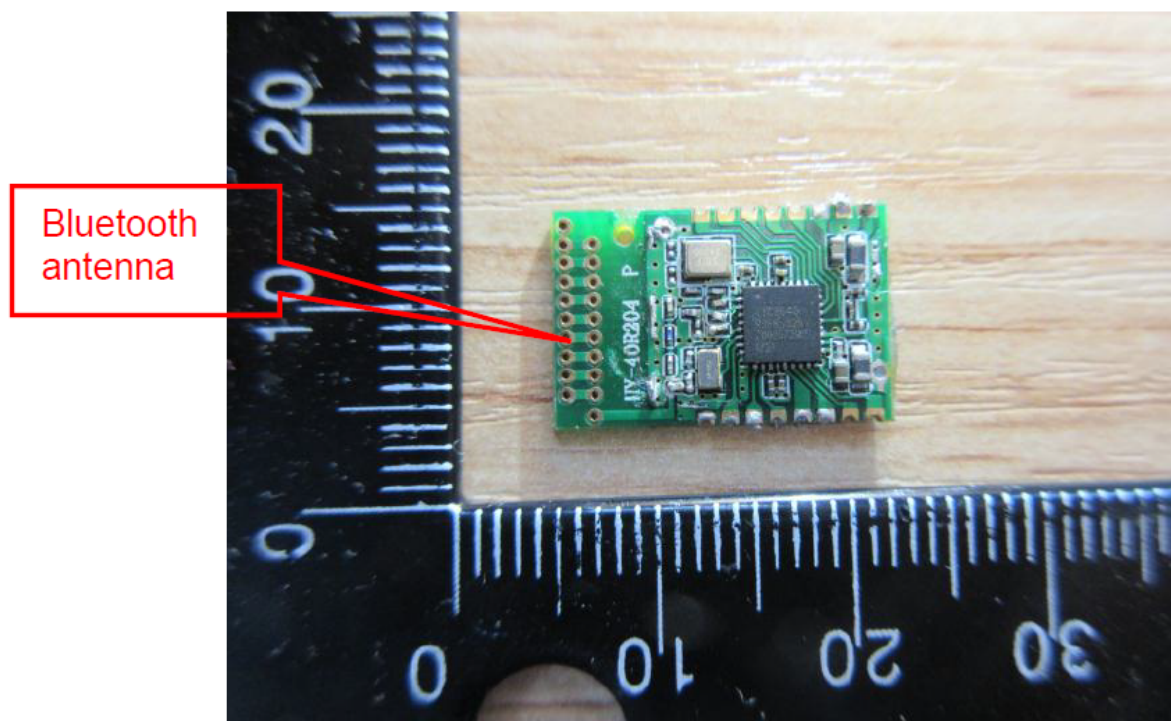


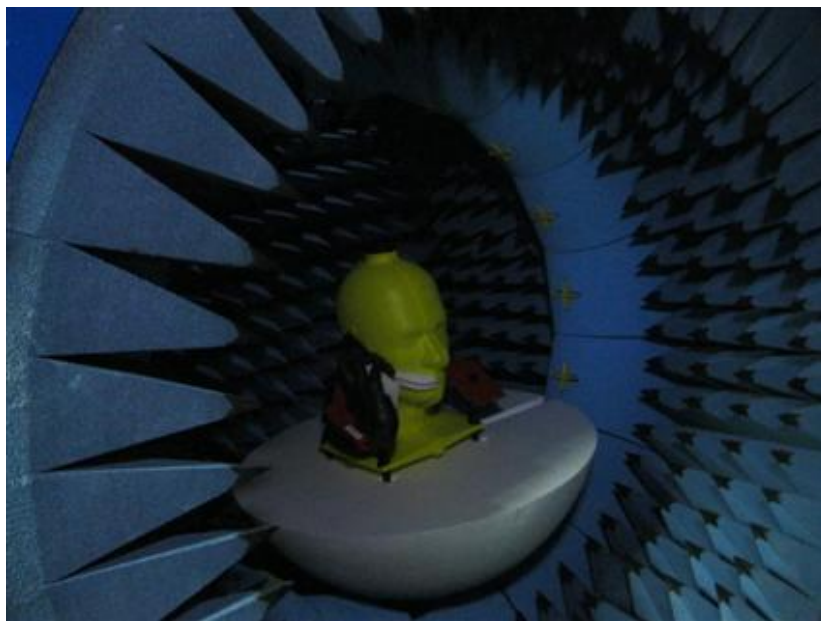
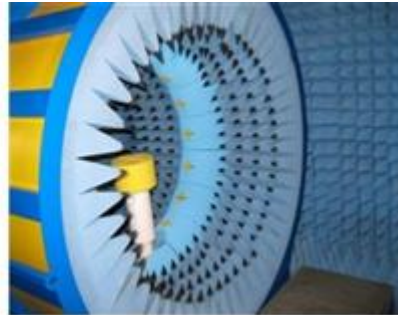
Antenna Test Report

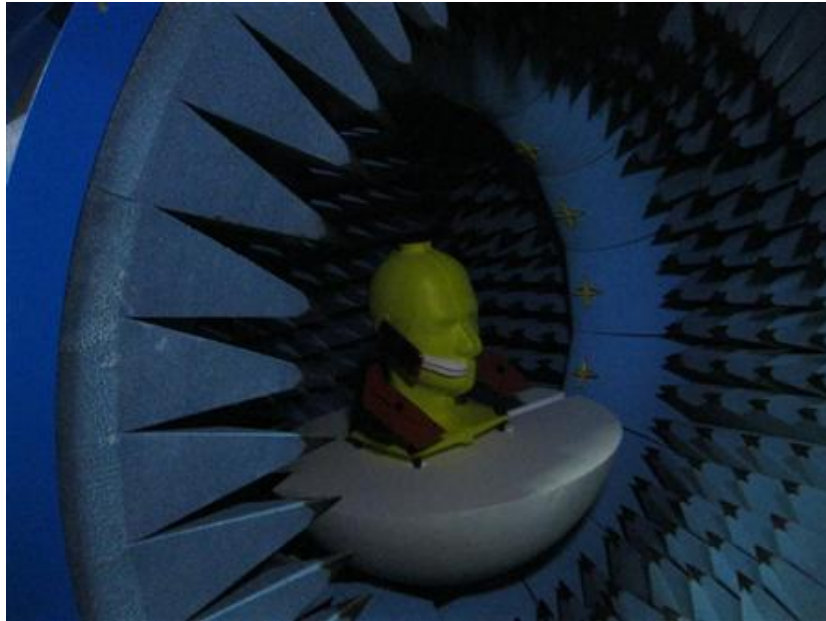
一. TEST INSTRUMENTATION

CHAMBER	SATIMO Chamber
Wireless Networking Test Set	Agilent 8960 5515C
NETWORK ANALYZER	Agilent 8753D
TEMPERATURE	20±2℃
HUMIDITY	50±20%rh

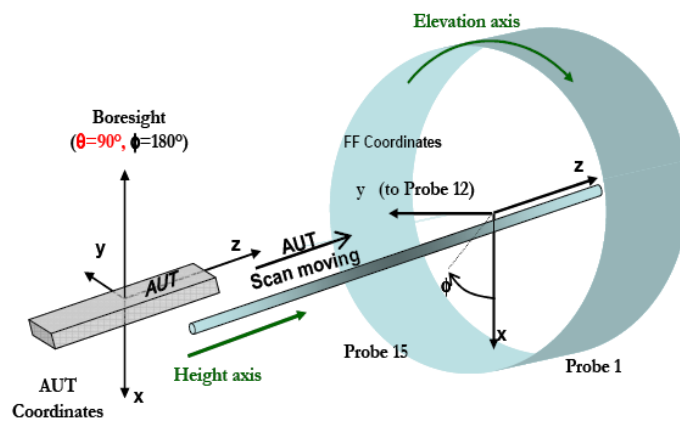


Antenna Picture

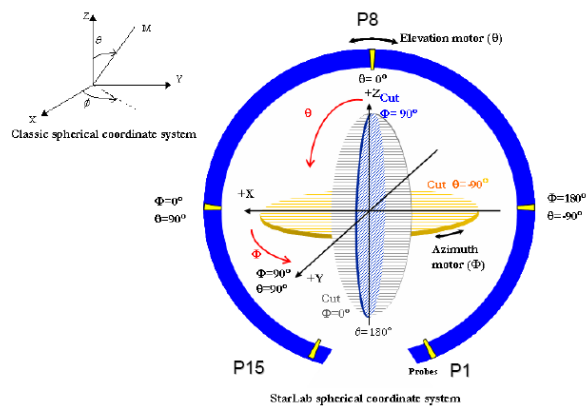




Coordinate system – Cylindrical geometry



Coordinate system – Spherical geometry



二. Definitions

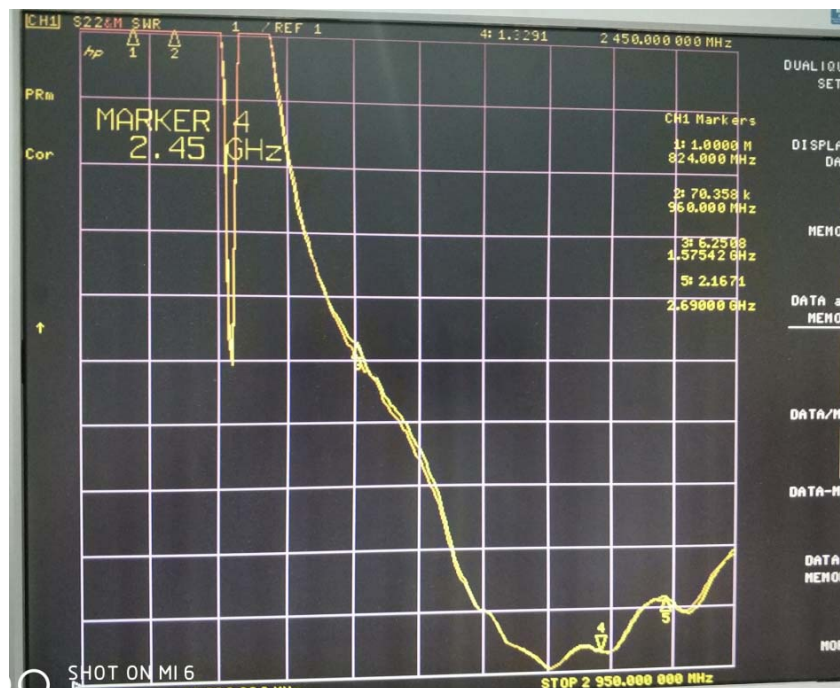
VSWR: Voltage Standing Wave Rate

TRP: total radiated power

TIS: total isotropic sensitivity

VSWR	1.1

Standing wave ratio of main antenna:



Freq (MHz)	Effi (%)	Gain (dBi)
2400	30.91	-1.2
2410	30.74	-1.21
2420	31.4	-1.18
2430	32.06	-1.18
2440	32.66	-1.24
2450	33.14	-1.37
2460	33.31	-1.48
2470	33.49	-1.49
2480	33.81	-1.08
2490	33.79	-0.79
2500	33.38	-0.96

Passive direction chart:

