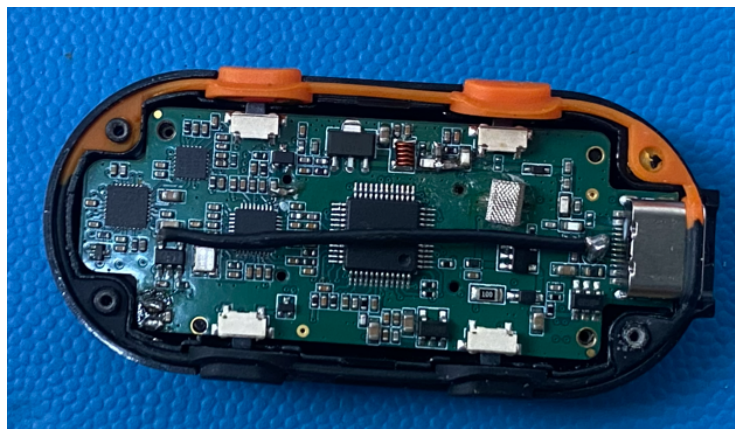


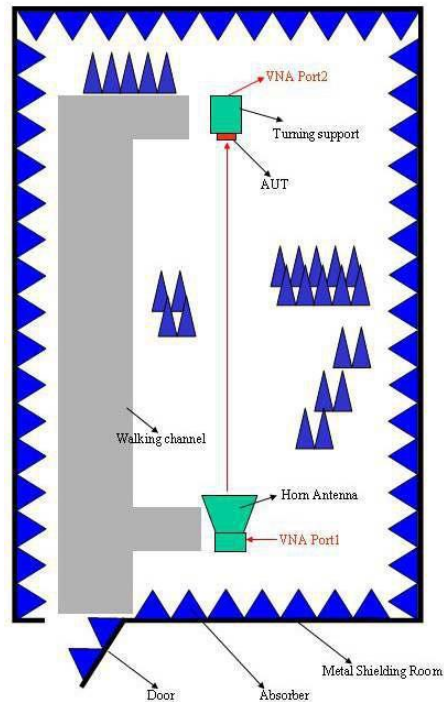
Antenna specification

1. Antenna Describe

Antenna plate	External antenna
Model Name	AF54
Antenna Gain	3.0(Peak gain)
Frequency Rang	462-468MHz
Company Name	Shenzhen Cient Communication Technology Co.,ltd.
Address:	501A&B-A Blockk,Donglian Building,Chuangye 2 road,Baoan District, Shenzhen,Guangdong,P.R china
Size:	4cm length



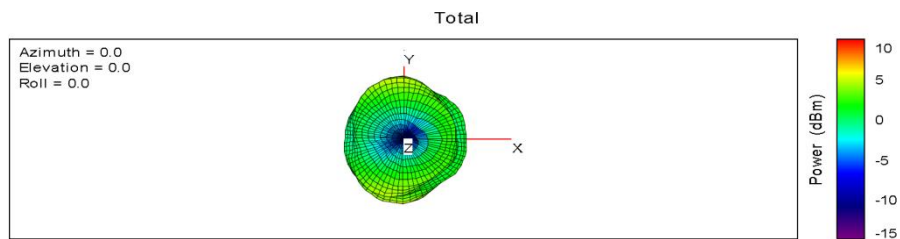
2. Test-up Diagram



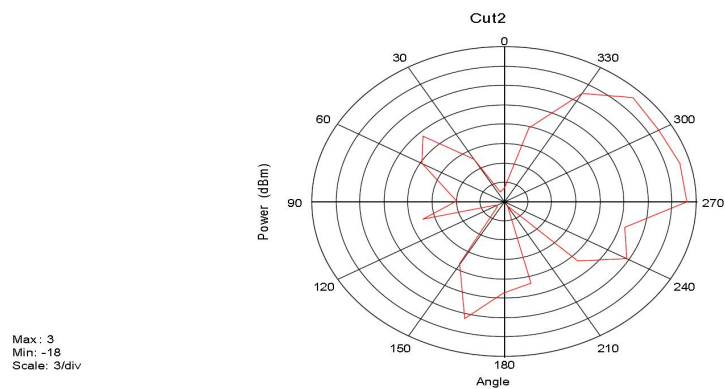
3. Antenna Gian and Efficiency

Frequency (MHz)	Efficiency(%)	Gain(dBi)
462	43.36	2.60
463	47.26	2.58
464	45.70	2.08
465	46.13	2.58
466	44.94	1.76
467	47.46	2.08
468	53.66	3.00

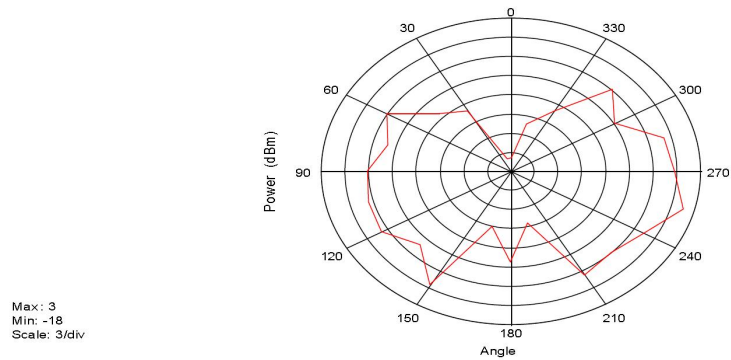
4. 3D and 1D Radiation Patterns



462MHz:



465MHz



468MHz:

