

Antenna Test Report

AWEI T29 ANC V1.0

Customer	gagaku
Agent	Major Constant
Project name	AWEI T29 ANC
Model. IC	
Model. ANT	WAN2012F245C04

Jun 2022/11/10

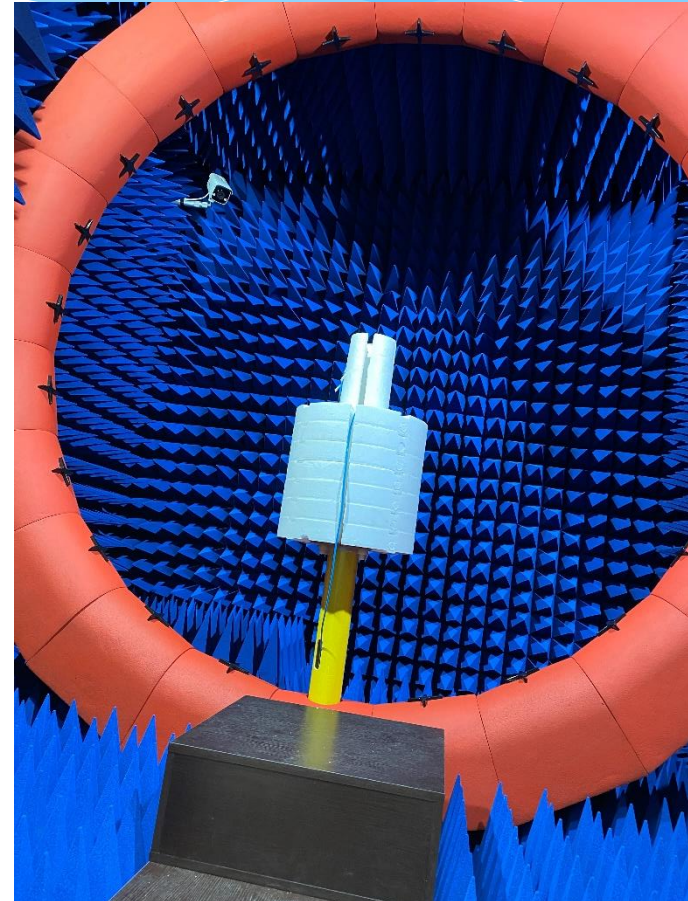
Equipment of OTA test



E5071C



CMW500

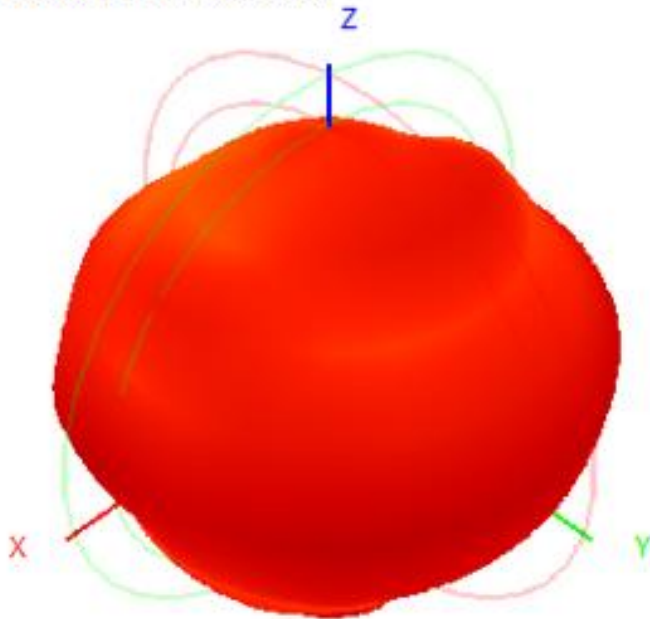


FTM-24D

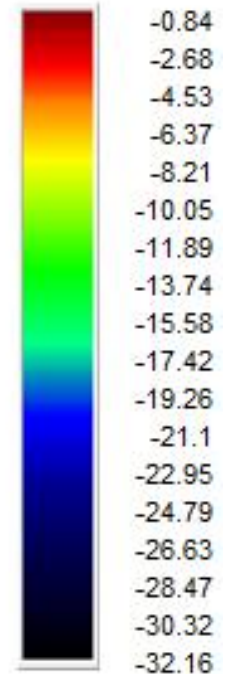
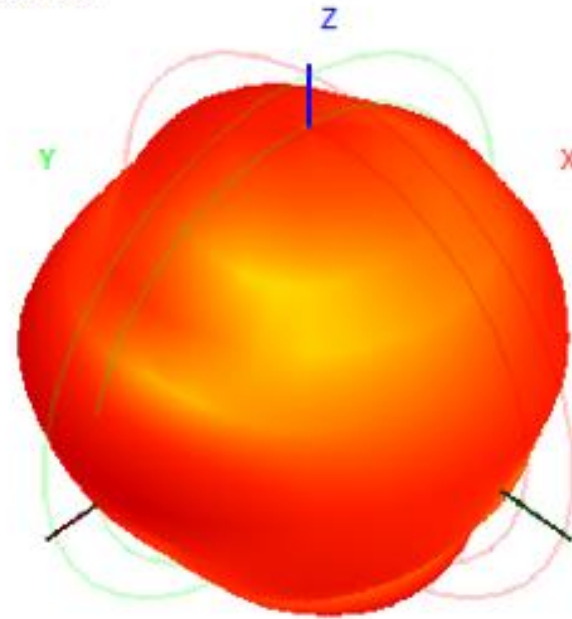
Ant. Gain Pattern@2.45GHz

- Free Space

2450.0MHz H+V, Eff: 25.1%



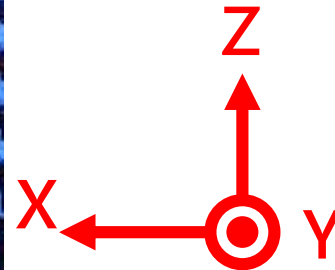
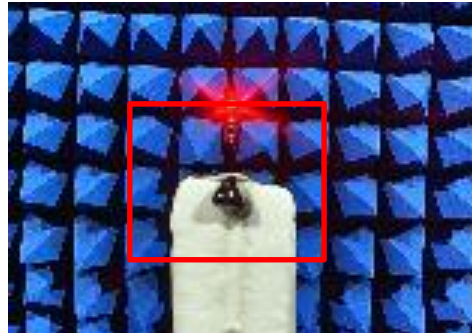
Back View



Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficiency (dBi)	-7.41	-7.13	-6.80	-6.50	-6.23	-6.01	-5.91	-5.89	-6.00	-6.25	-6.67
Gain (dBi)	-2.62	-2.25	-1.83	-1.47	-1.15	-0.84	-0.66	-0.53	-0.56	-0.80	-1.15
Efficiency (%)	18.17	19.35	20.87	22.37	23.81	25.08	25.64	25.79	25.15	23.69	21.55

Ant. Gain Pattern

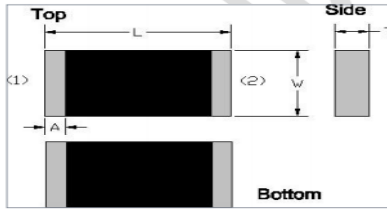
- Active Test (Free Space)



L	CH.	TRP(dBm)	TIS (dBm)
BT	0	0.72	-90.87
	39	1.43	-88.50
	78	1.45	-87.79

R	CH.	TRP(dBm)	TIS (dBm)
BT	0	1.00	-91.38
	39	1.83	-89.88
	78	1.05	-88.82

Dimension and Terminal Configuration



Dimension (mm)	
L	2.05 ± 0.15
W	1.20 ± 0.15
T	0.50 ± 0.10
A	0.20 ± 0.10

No.	Terminal Name
1	Feeding/GNG
2	GND/Feeding

P.S : Top & down and left & right side are symmetrical, No direction

Structure Chart

