

Test Report (Summary)

1. Applicant

Company	Visionai	Applicant	Minsik Park
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2. Equipment Under Test(EUT)

Test No.	S250306-002	Equipment	PCB Pattern Antenna
EUT Photographs	-		

3. Test plan

Test start	2025. 3. 11.	Test complete	2025. 3. 11.
Test standard	ANSI/IEEE Std 149-1979(IEEE Standard Procedures for Antennas)		

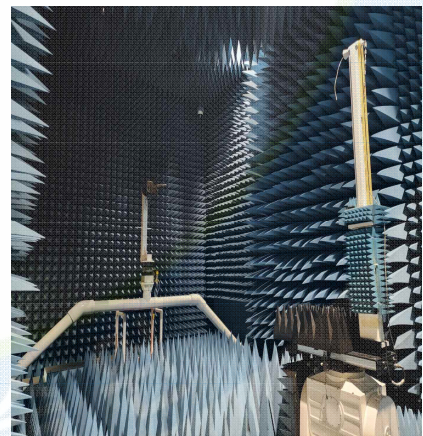
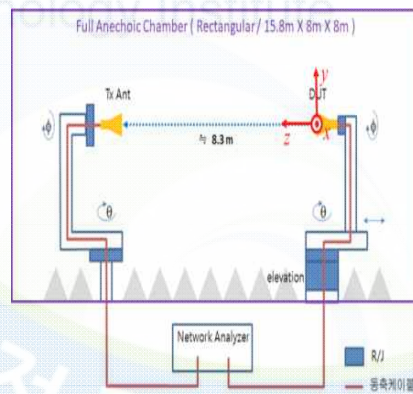
4. Test equipment

Model No.	Manufacturer	Equipment
ZNA26	Agilent Technologies	Vector Network Analyzer
QRH-004060	MTG	Standard Gain Horn Antenna
BBHA 9120LF	Schwarzbeck	Standard Gain Horn Antenna

5. Test conditions

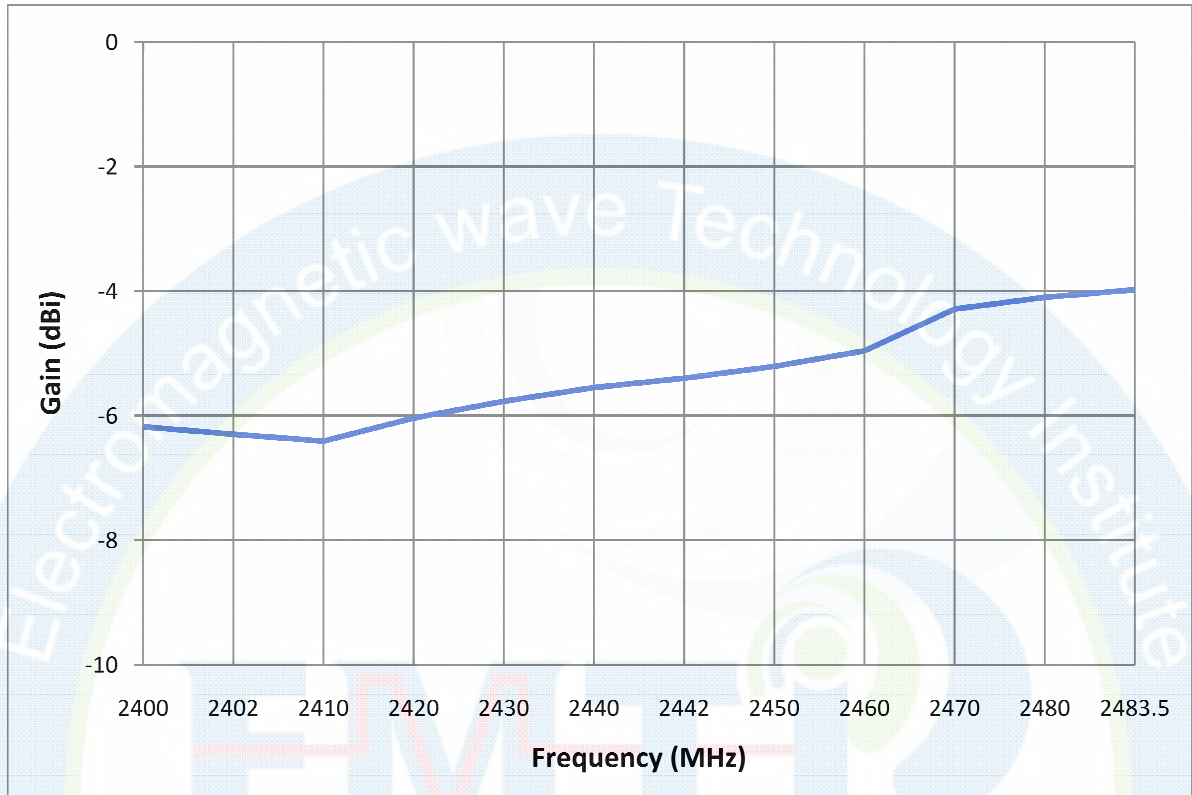
Temperature	$(23 \pm 2.0) ^\circ\text{C}$	Humidity	$(53 \pm 5) \% \text{ R.H.}$
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Test configuration

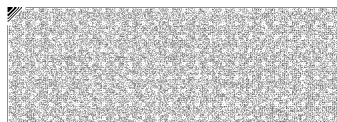


6. Test results

1) Gain



Frequency (MHz)	H-Cut Peak Gain (dBi)	E1-Cut Peak Gain (dBi)	Pwrsum Peak Gain (dBi)
2400	-6.59	-9.03	-6.18
2402	-6.63	-9.02	-6.30
2410	-6.75	-9.33	-6.41
2420	-6.62	-9.45	-6.04
2430	-6.41	-9.19	-5.77
2440	-6.19	-8.84	-5.55
2442	-6.06	-8.73	-5.40
2450	-6.03	-8.80	-5.21
2460	-5.87	-9.04	-4.96
2470	-5.39	-8.50	-4.29
2480	-5.34	-8.01	-4.10
2483.5	-5.09	-7.78	-3.98



2) 2D/3D Radiation pattern

