1. 2WG17R-SS Antenna Test & System Description

A. Test Setup


No	Description
FA1	Anechoic Chamber
EQ1	Network Analyzer
EQ2	Wireless Communications Test Set
EQ3	System Controller
EQ4	System Monitor
N1	Azimuth Positioner
N2	Turn-Table & Linear Slide
N3	3D Transparent Positioner
N4	Positioner Controller
AN1	Dual Polarized Transmit Antenna
EUT	AUT
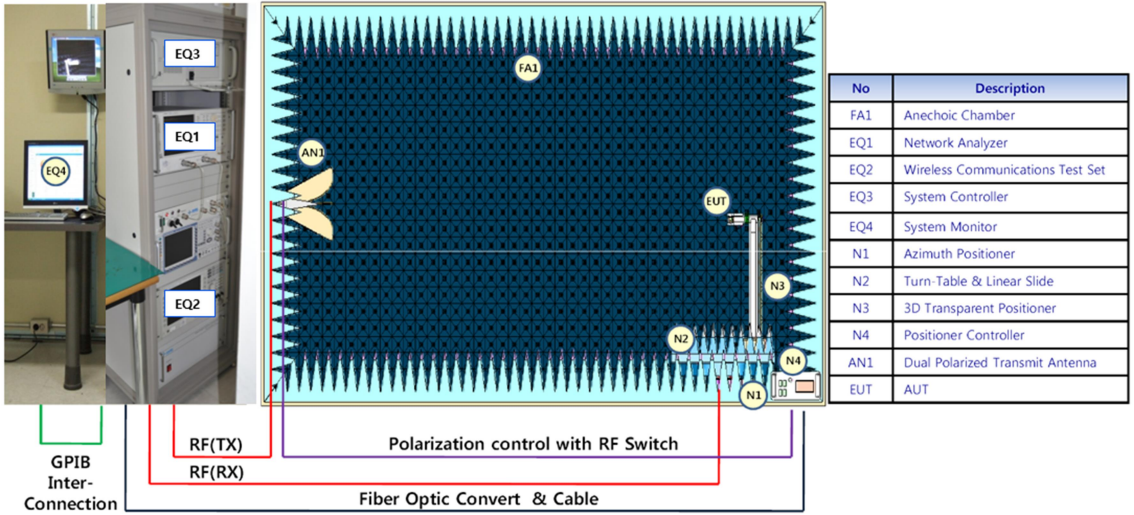
A. Equipment list

Device	Type	Manufacturer	SW	Calibration Data
Anechoic Chamber	-	MTG	-	2024-02-11
Horn Antenna	-	HA-07M18G-NF	-	-
Network Analyzer	N230A	AGILENT	-	2024-02-11
Measurement SW	-	-	VWM21	-
Positioner Controller	PC-510-4	MTG	-	-

Measurement	Measurement Date	Measuring person
Galtronics	2024-02-16	Park Jin Wan

B. 2. BLE Setup photo
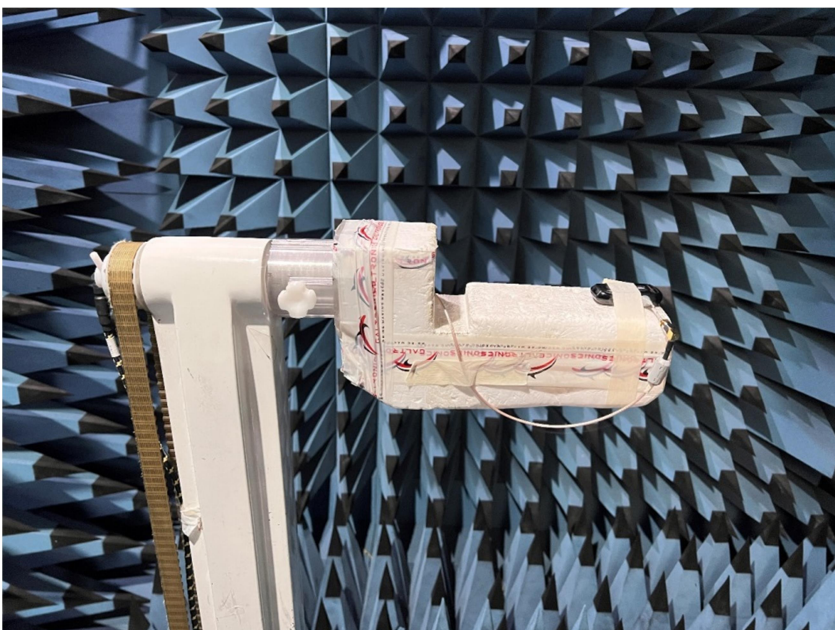
3. Antenna Pattern & Gain Report

No.	Freq.[MHz]	Theta-Pol(H)					Phi-Pol(V)					PwrSum				
		Eff.[%]	Avg.[dBi]	Peak[dBi]	Theta[deg]	Phi[deg]	Eff.[%]	Avg.[dBi]	Peak[dBi]	Theta[deg]	Phi[deg]	Eff.[%]	Avg.[dBi]	Peak[dBi]	Theta[deg]	Phi[deg]
1	907	5.59	-12.53	-8.57	60	0	4.24	-13.73	-9.23	120	120	9.83	-10.08	-7.33	90	30
2	913	5.57	-12.54	-8.55	60	0	4.23	-13.73	-9.23	120	120	9.81	-10.08	-7.30	90	30
3	919	5.58	-12.53	-8.48	60	0	4.24	-13.72	-9.23	120	120	9.82	-10.08	-7.35	90	30