

Manufacturer	SEGI
Model Name	TR4650A
Tester Name	겔트로닉스 (박진완 수석 연구원)
Test Date	2022-10-06 16:08~16:12
IF BW	100 Hz
Port Power	0.00 dBm
Equipment	MTG : Anechoic Chamber Horn ANT : HA-07M18G-NF Network Analyzer : Agilent N5230A
Ant Type	Helical Ant
Meas Step	30 `

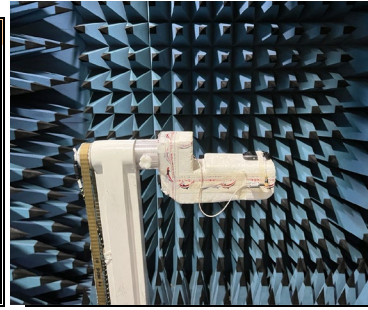
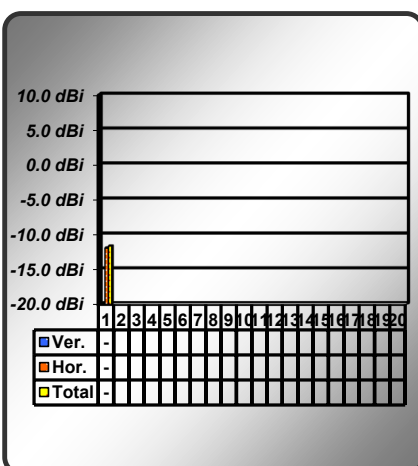
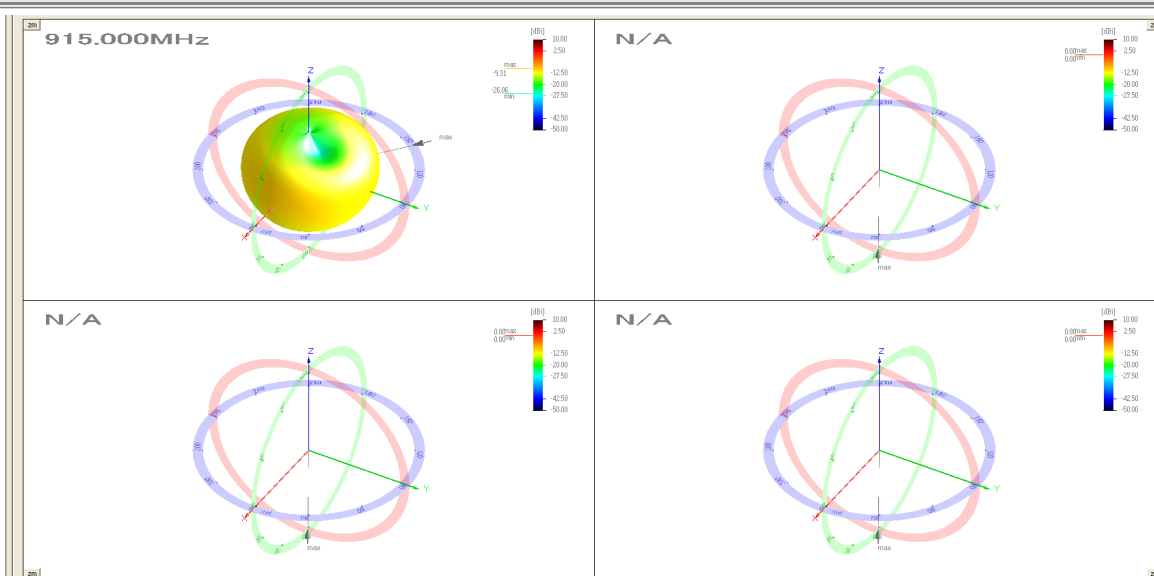
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Figure 1 illustrates the experimental setup for the proposed system. The setup includes a rack of equipment (EQ1, EQ2, EQ3) connected to a computer (EQ4) via GPIB. The equipment is connected to a fiber optic convert & cable, which is connected to a polarization control with RF switch. The switch is connected to a dual polarized transmit antenna (AN1) and a dual polarized receive antenna (AN2). The antennas are connected to a 3D transparent positioner (N3) and a turn-table & linear slide (N2). The positioner is connected to a network analyzer (EQ1) and a system monitor (EQ2). The turn-table & linear slide is connected to a 3D transparent positioner (N3) and a turn-table & linear slide (N2). The turn-table & linear slide is connected to a network analyzer (EQ1) and a system monitor (EQ2). The turn-table & linear slide is connected to a network analyzer (EQ1) and a system monitor (EQ2).

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
AN2	Dual Polarized Receive Antenna