



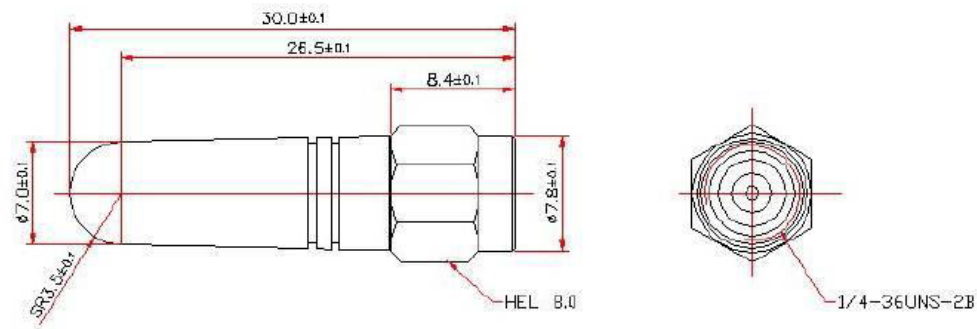
Antenna datasheet

LORA Stub Antenna

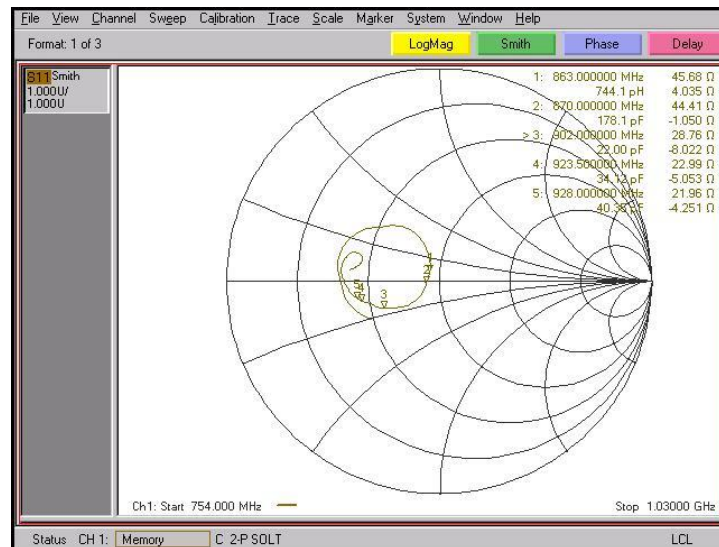
(WE17 – LoH – 02 Ver.A)

Specifications			
Antenna	EU	KR	US
Frequency Range (MHz)	863 ~ 870	920 ~ 923.5	902 ~ 928
Band Width (MHz)	7	3.5	26
V.S.W.R (Min)	1.132 : 1	2.203 : 1	2.297 : 1
Gain (Max)	1.446 (dBi)	1.773 (dBi)	1.822 (dBi)
Radiation	Omni-directional		
Input Impedance	50 (Ω)		
Polarization	Linear, Vertical		
Connector	SMA Male		
Dimensions	30 x 7.8 mm		

December 05, 2023



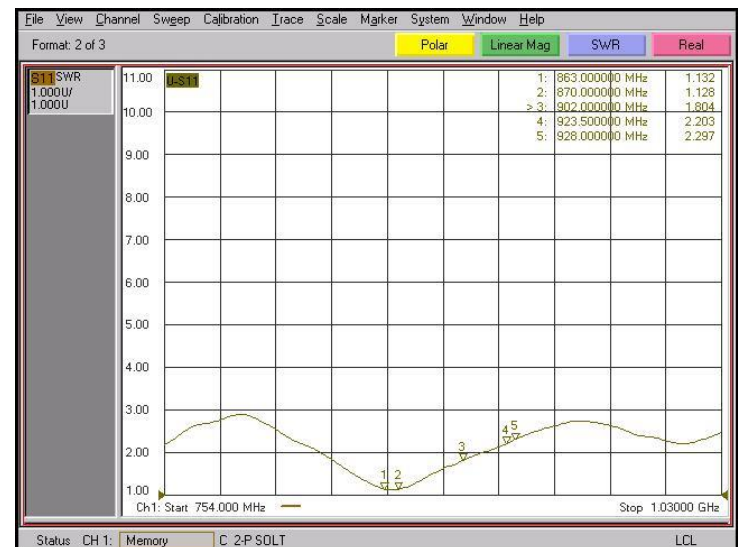
Smith Chart



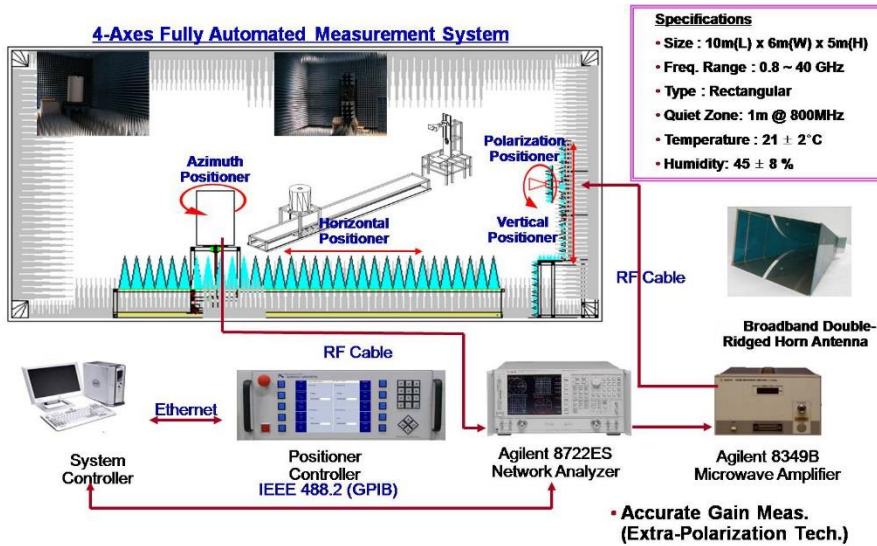
Return Loss



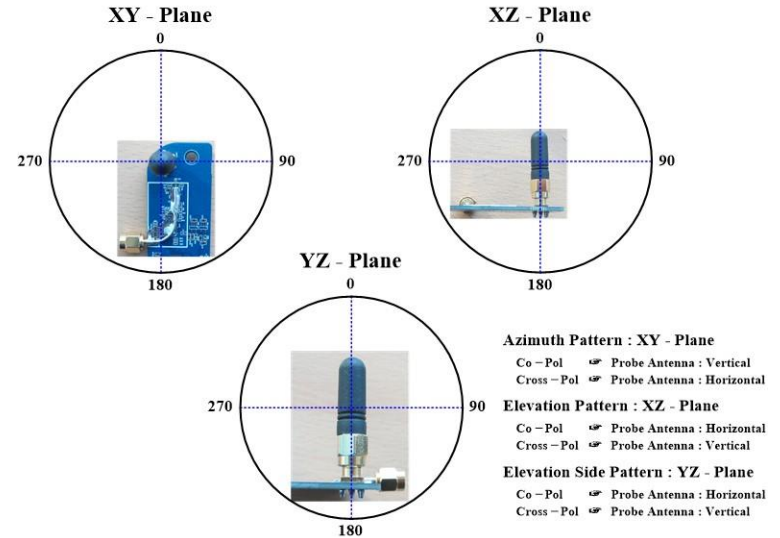
V. S. W. R



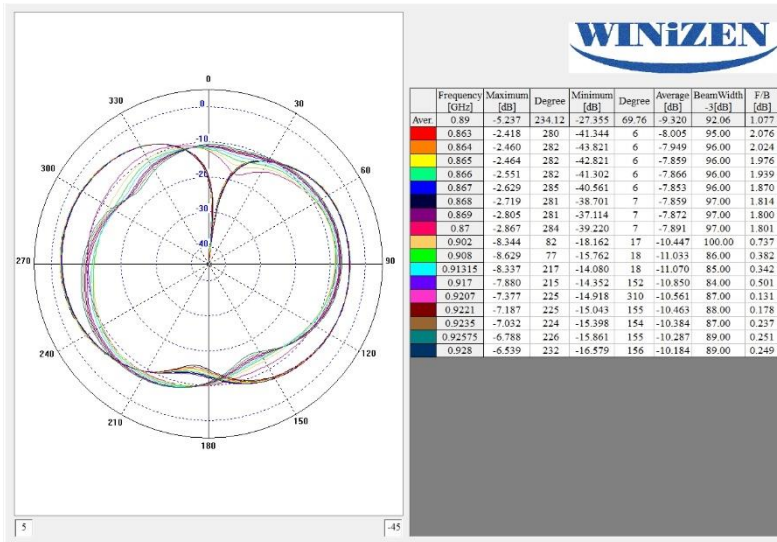
Measurement Configuration



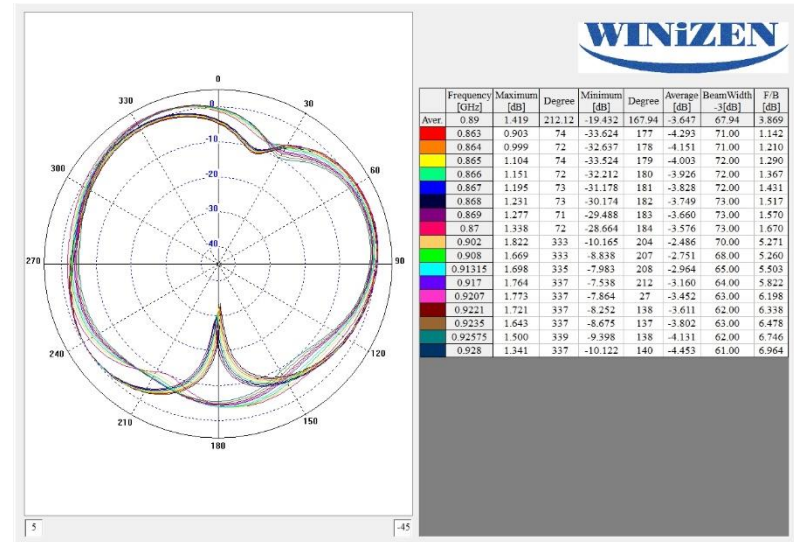
Axis Definitions



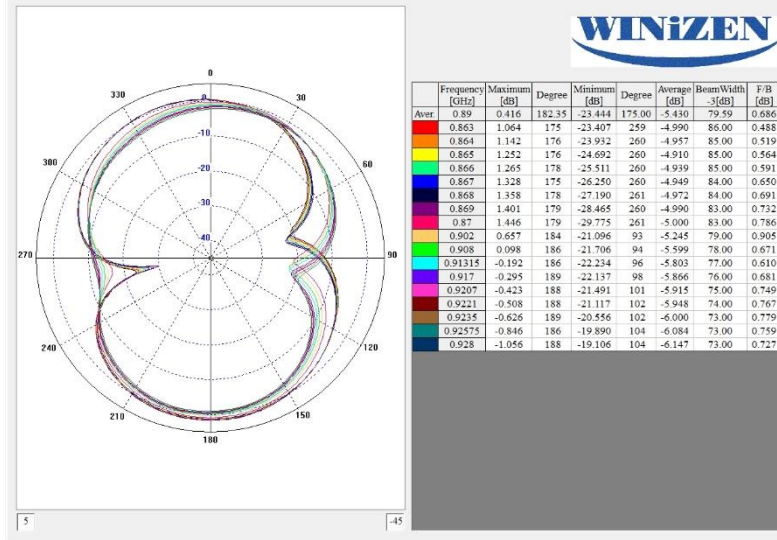
Azimuth Pattern ; Co - pol



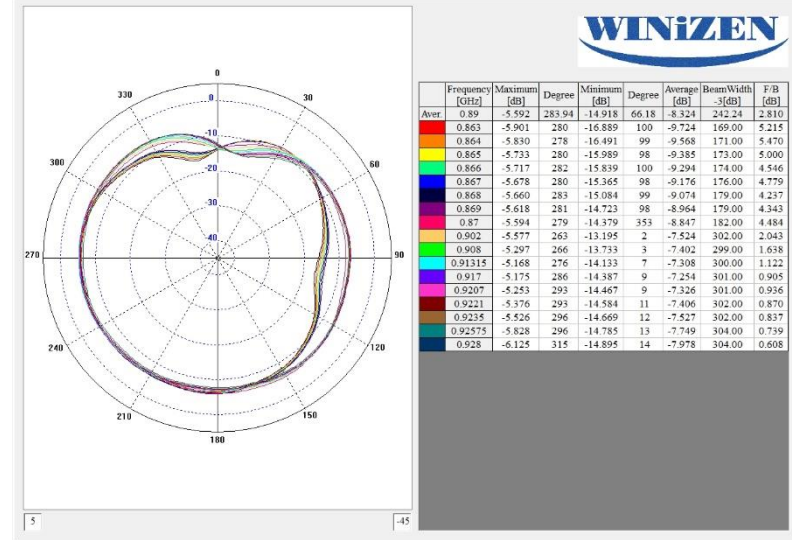
Azimuth Pattern ; Cross - pol



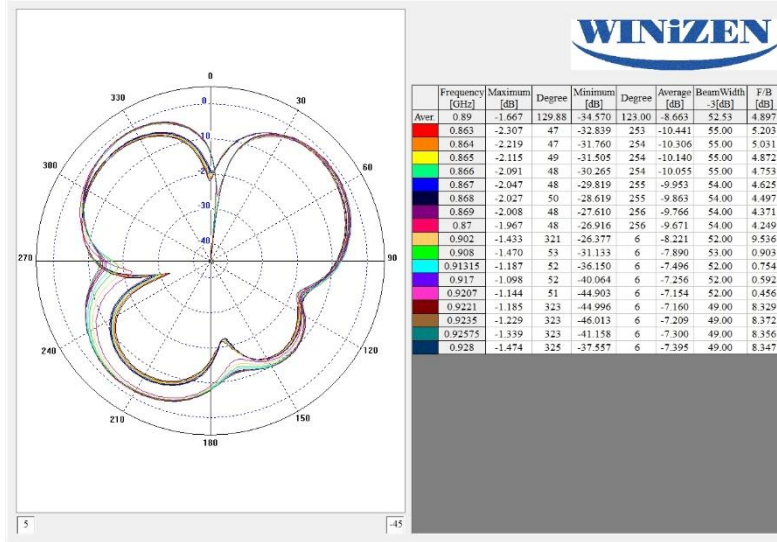
Elevation Pattern ; Co – pol



Elevation Pattern ; Cross – pol



Elevation Side Pattern ; Co – pol



Elevation Side Pattern ; Cross – pol

