



CS780-2

Antenna Test Report

11 Dec 2024

Test information

Test Item	CS780-2
Test Date	11-Dec-2024
Tested by	Jimmy Ye, RF Engineer



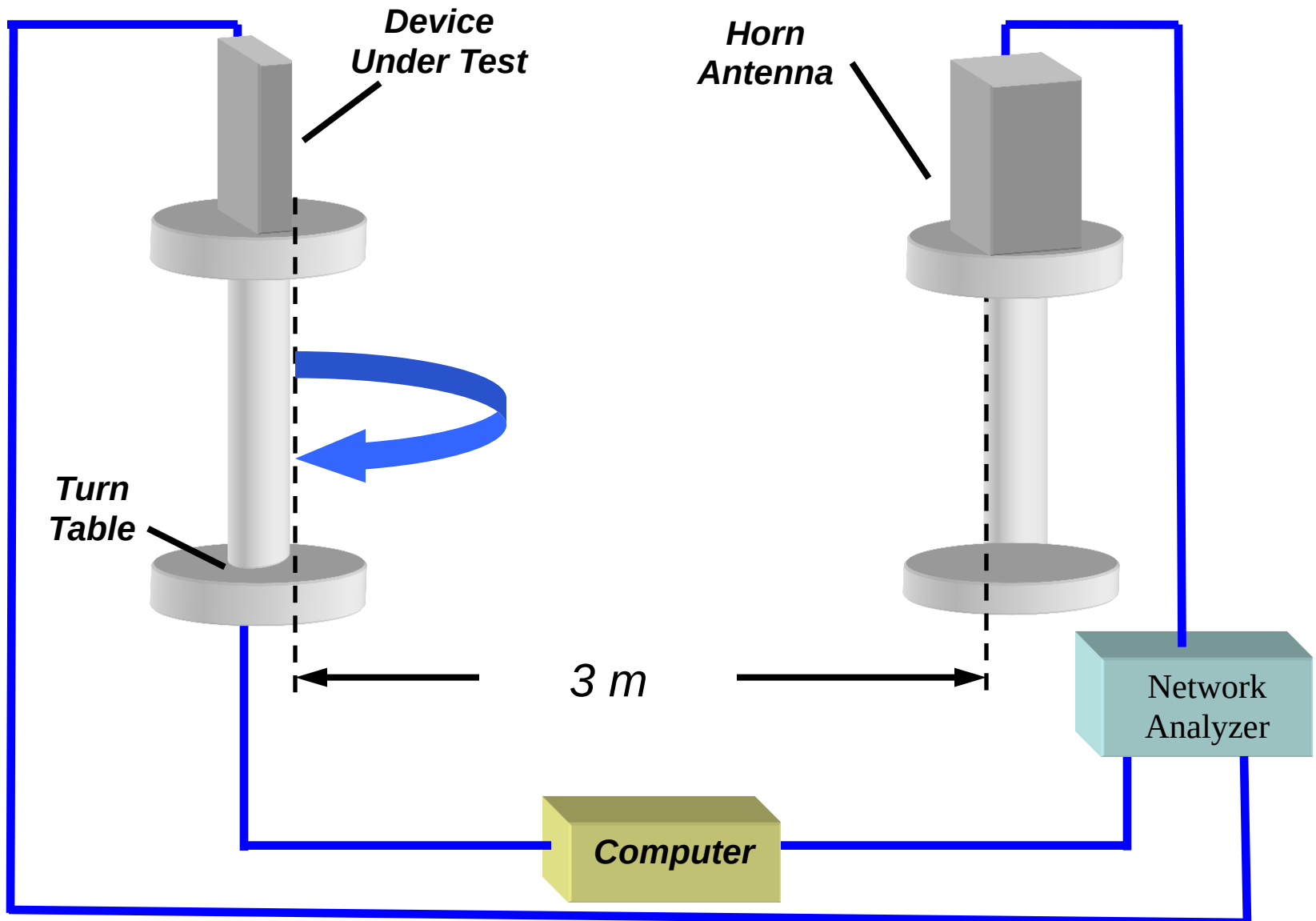
Specification

Physical Characteristics:	Length: 30.0 cm; Width: 30.0 cm; Height: 6.3 cm Weight: 1.4kg
Environment:	Operation Temp: -40°C to 70°C Storage Temp: -40°C to 70°C
Bandwidth:	902 - 928 MHz band
Polarization:	Circular

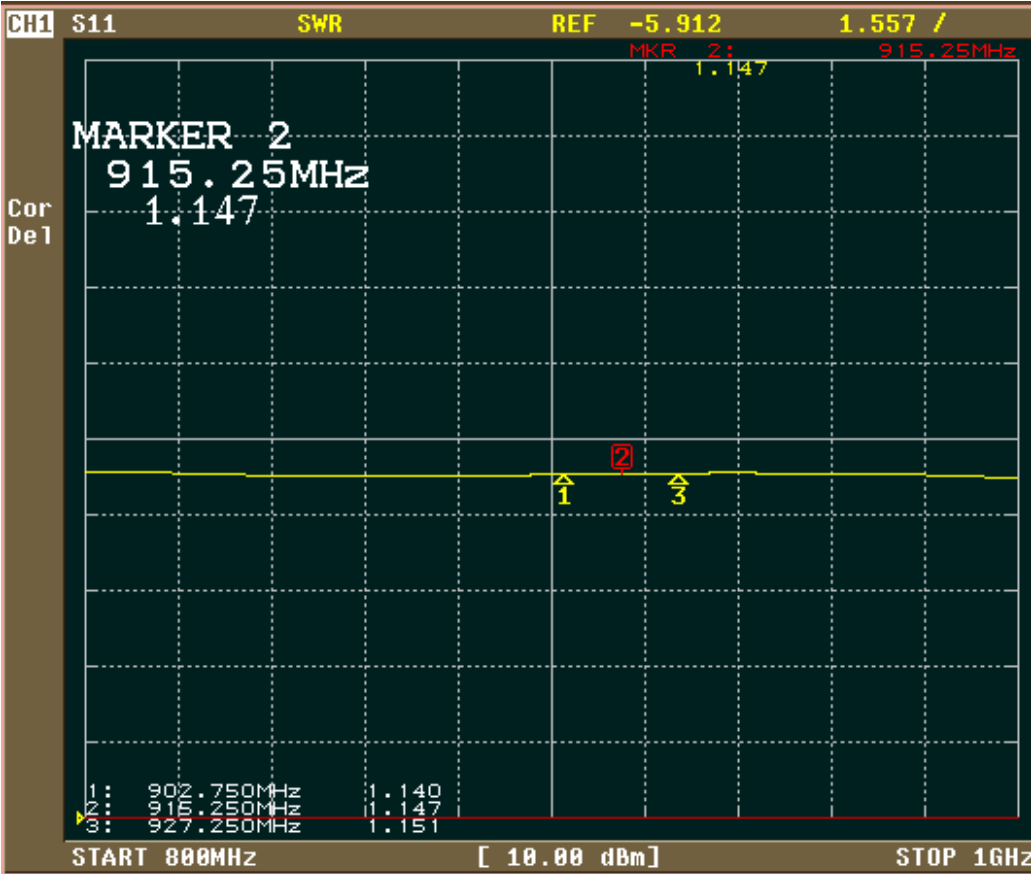
Measurement Instrument

Measurement Instrument	Manufacturer	Model No.	S/N
Network Analyzer	AdvanTest	R3765CG	100702846
Calibrated Double Ridged Waveguide Horn	ETS-LINDGREN	3115	00075792
Calibrated Double Ridged Waveguide Horn	ETS-LINDGREN	3115	00227989

Radiation Measurement Setup



Return Loss



Return Loss

Frequency (MHz)	LOG MAG (dB)	VSWR
902.75	-23.629	1.140
915.25	-23.239	1.147
927.25	-22.68	1.151

Antenna Gain

Frequency (MHz)	Gain (dBi)
902.75	6.79
915.25	6.61
927.25	6.75

Radiation Pattern

