

Specification

Part No.	
Product Name	Hubble 5GHz Dipole Antenna
Feature	Linear Polarization Center Frequency:600-5900MHz ROHS Compliant

Edition	Content	Date
V1	First Release	2022.11.12



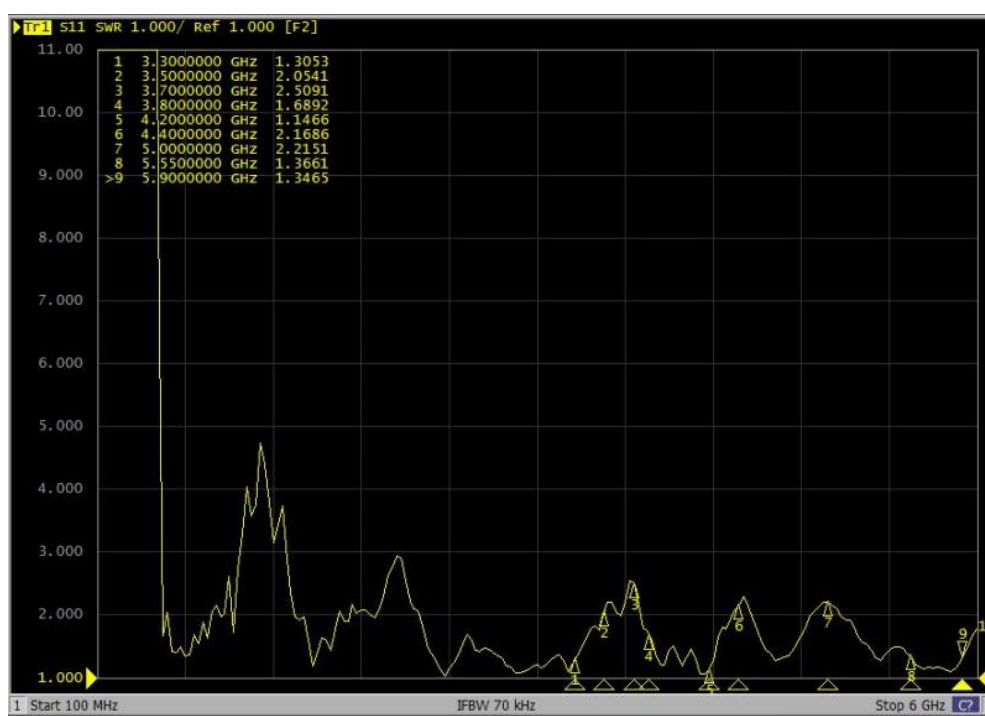
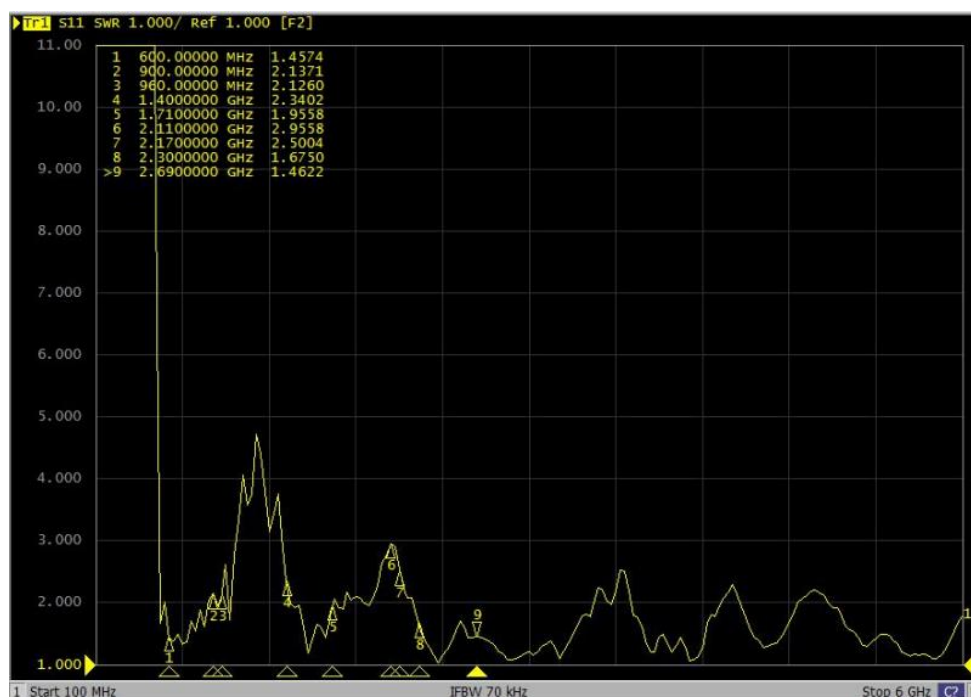
1. Electrical Specification

1.1 Passive Efficiency

Freq.(MHz)	600	900	960	1400	1710	2110	2170	2300	2690
VSWR	1.46	2.14	2.13	2.34	1.96	2.96	2.50	1.68	1.46
Gain(dBi)	3.64	3.61	3.51	1.17	1.32	2.27	0.17	0.89	3.01
Eff. (%)	45.00	45.40	42.90	41.10	42.20	47.20	48.40	53.60	61.40

Freq.(MHz)	3300	3500	3700	3800	4200	4400	5000	5550	5900
VSWR	1.31	2.05	2.51	1.69	1.15	2.17	2.22	1.37	1.35
Gain(dBi)	2.81	2.24	2.63	1.93	3.23	5.00	1.93	2.58	3.23
Eff. (%)	61.30	69.70	59.30	52.00	52.20	54.50	60.60	52.50	52.40

1.2 S parameter





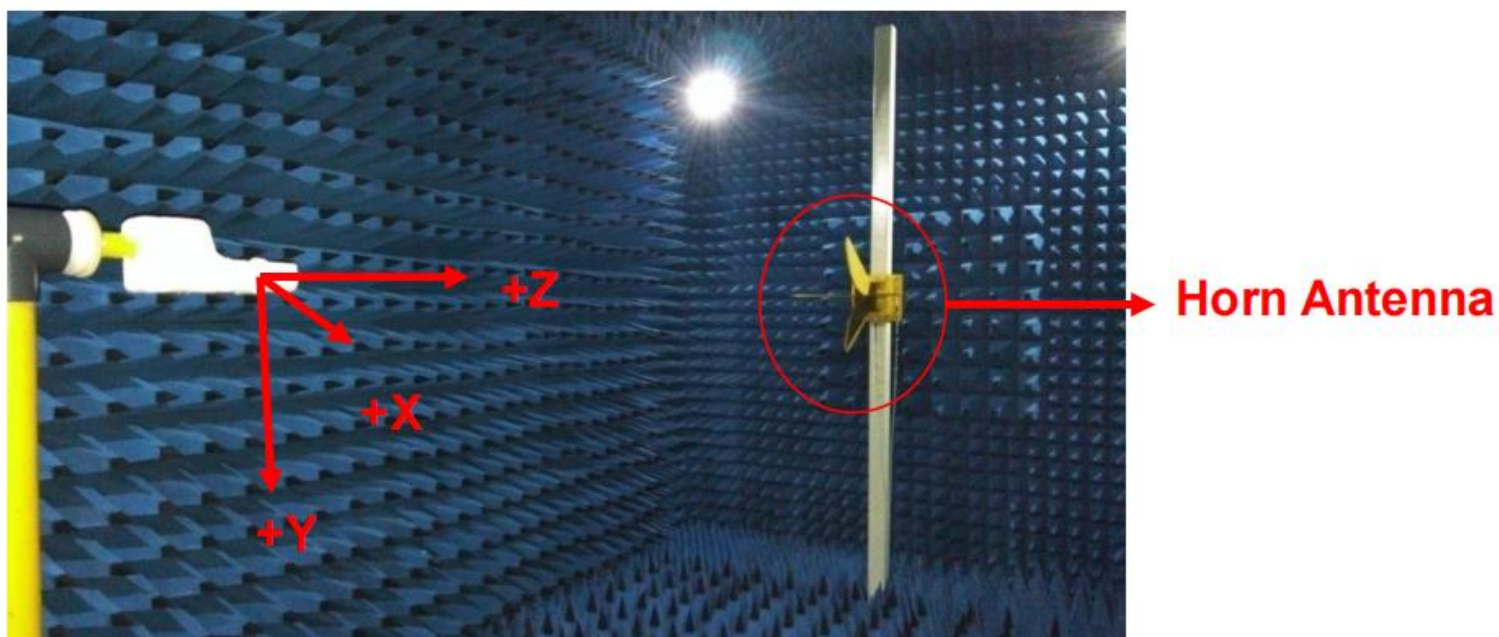
1.3 Environment Treatment



2. Mechanical Specifications

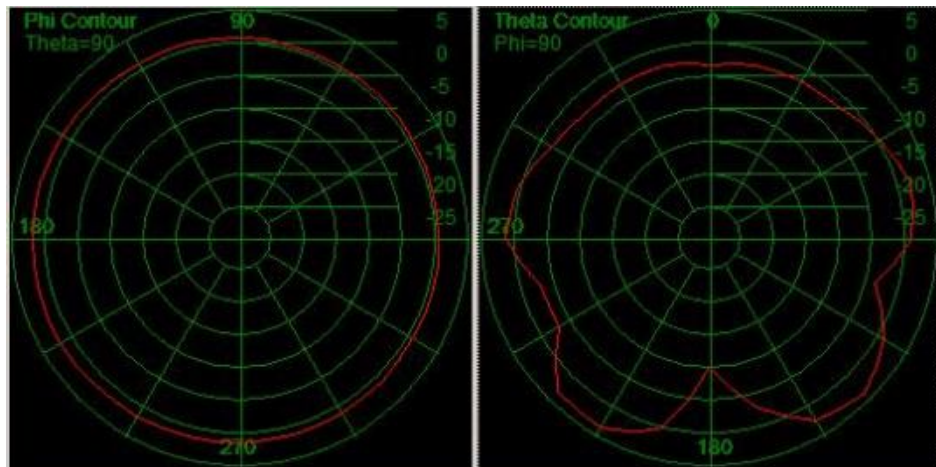
Dimension(mm)	L :153.4mm
Cable type	RG 178 Brown
Connector	SMA 内螺纹内孔

3. Antenna Radiation Pattern

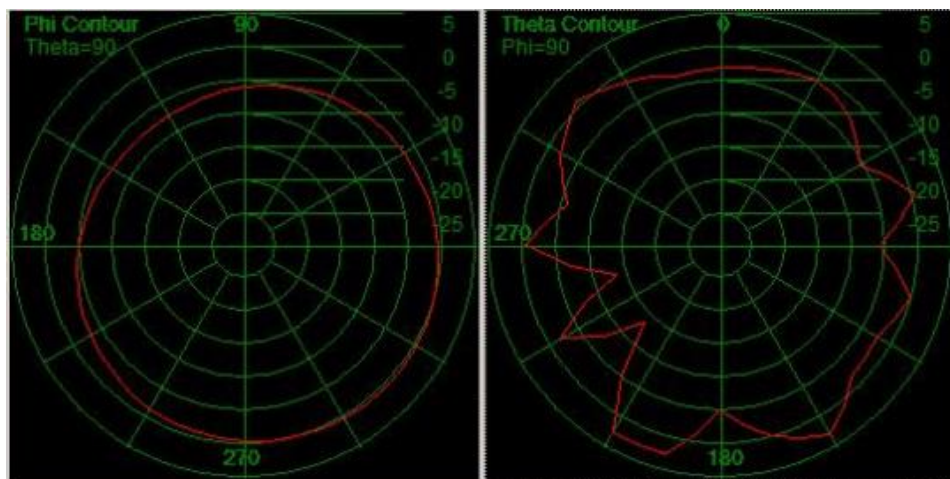




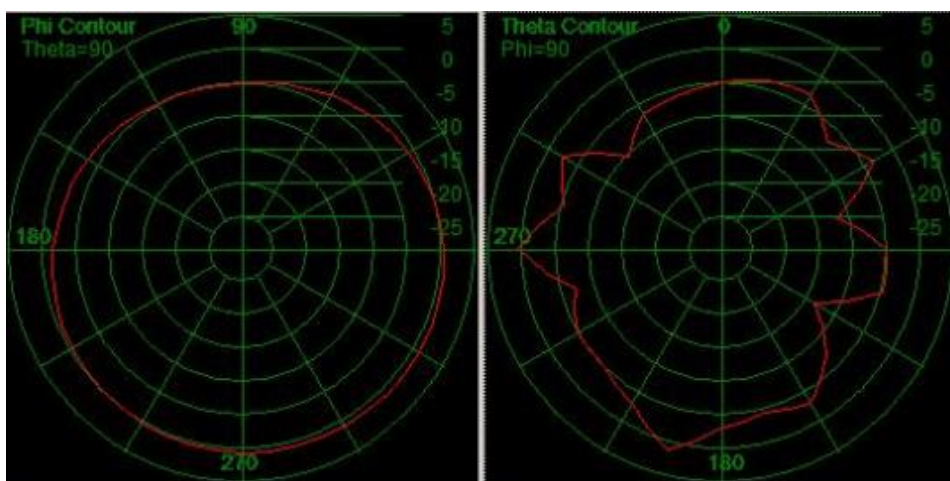
600MHz



960MHz

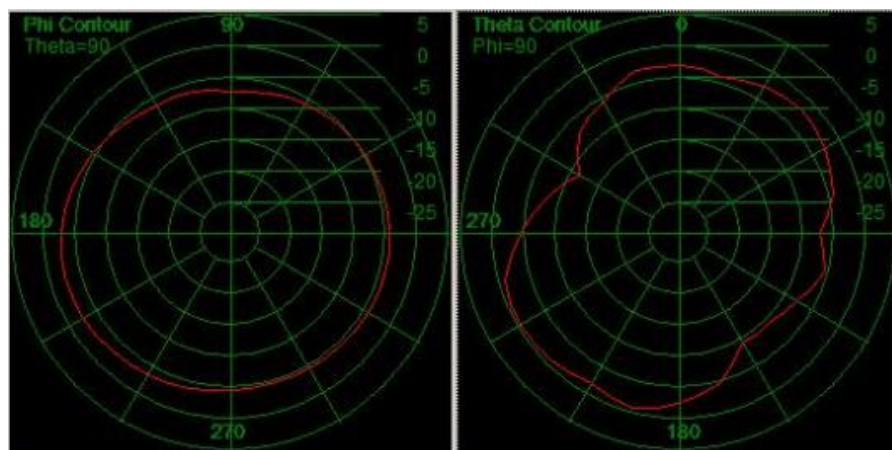


1400MHz

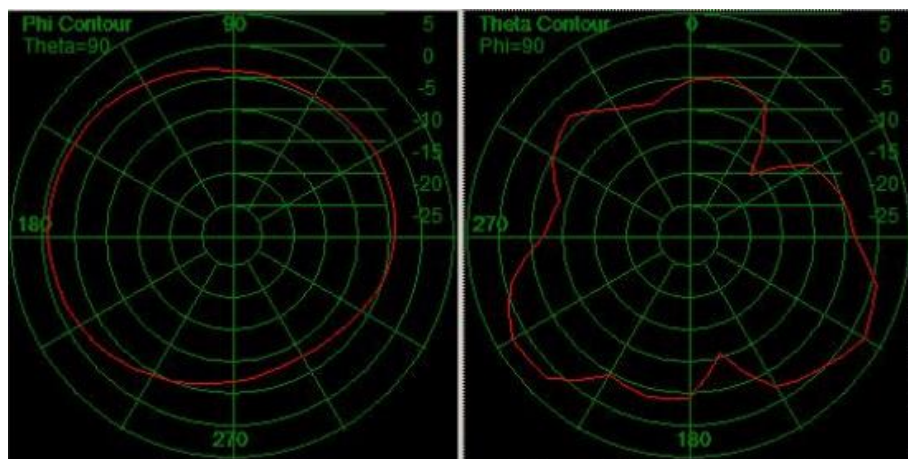




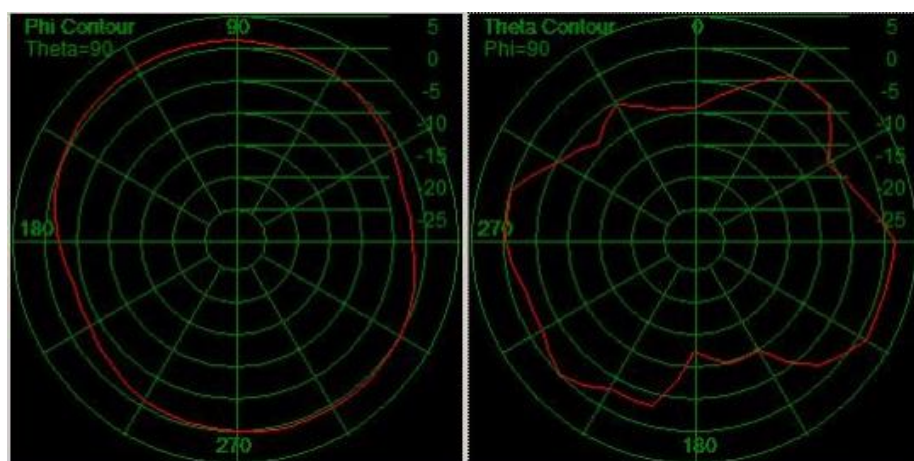
2170MHz



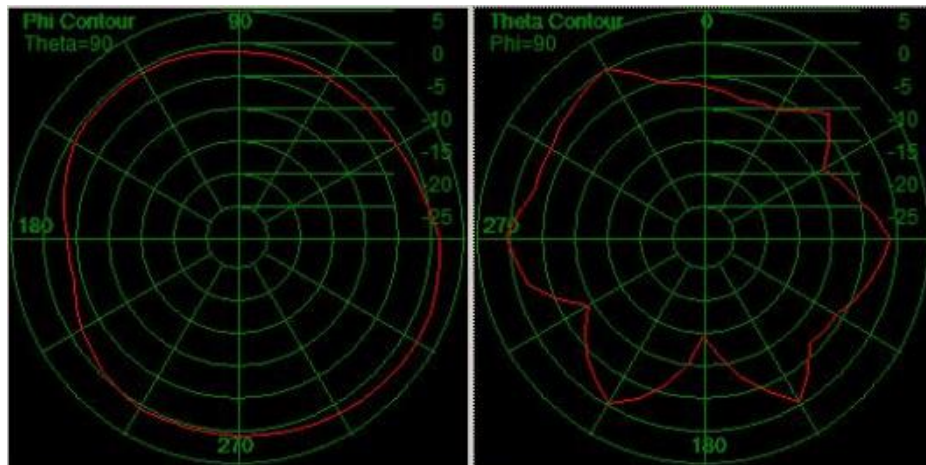
2690MHz



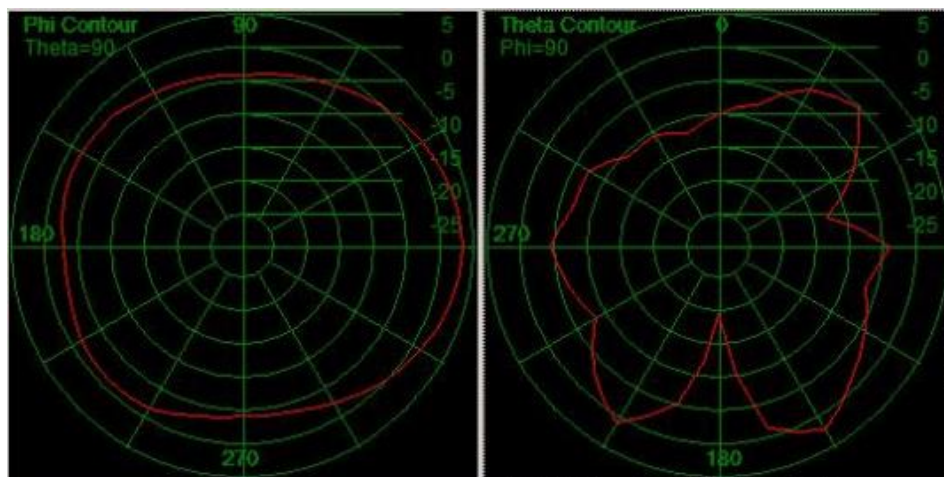
3300MHz



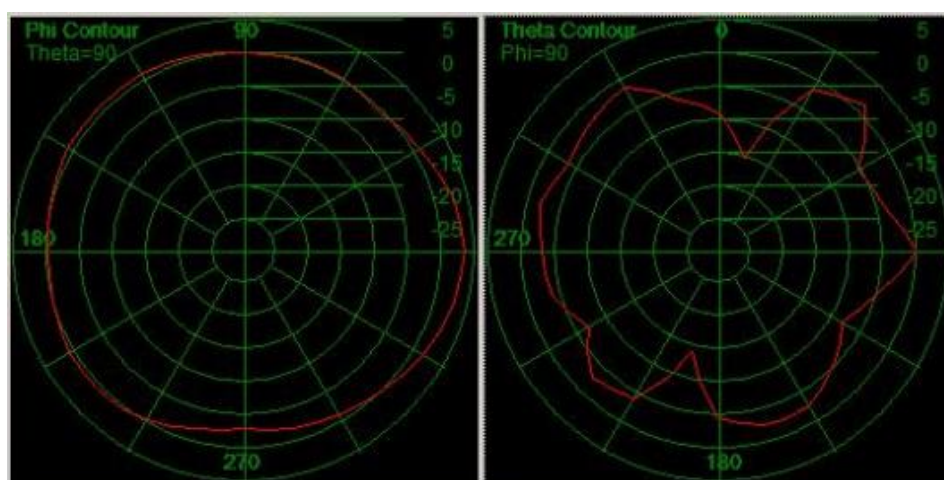
3800MHz



4200MHz

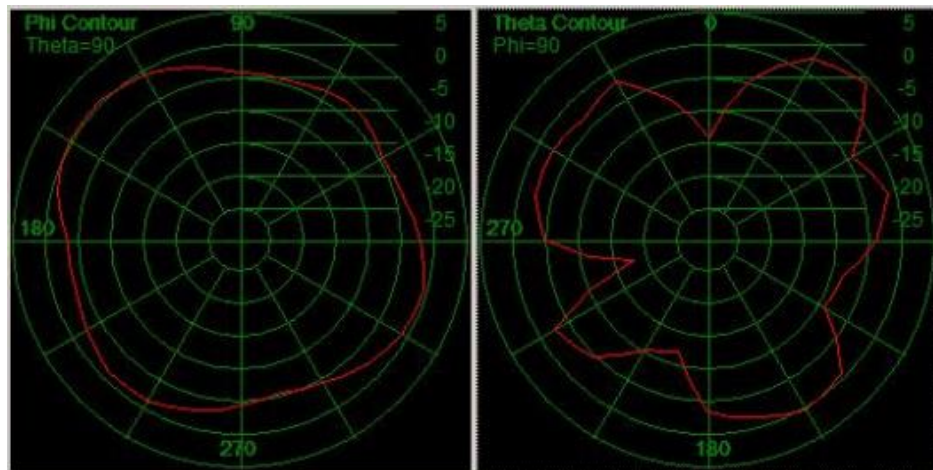


5150MHz





5850MHz



4. Drawing

