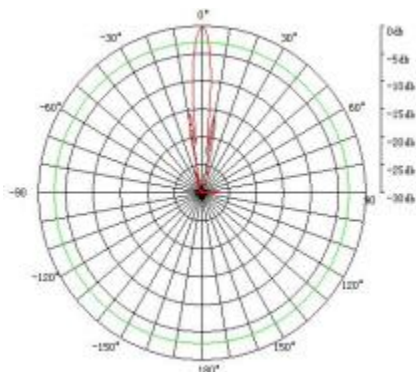


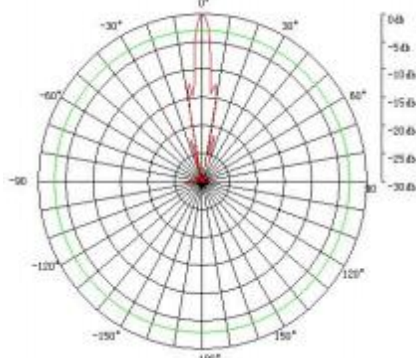
ZD-2458-17HV 5GHz Dual Pol Antenna



Electrical Specifications	
Model	ZD-2458-17HV
Frequency Range-MHz	5150-5850
Gain-dBi	6
VSWR	≤ 1.5
H Beamwidth- °	6
V Beamwidth- °	6
F/B Ratio-dB	> 35
Polarization	Vertical and horizontal
Impedance - Ω	50
Maximum Input Power -W	100
Connector	N-K
Mechanical Specifications	
Antenna Dimension-mm	$\Phi 600$
Weight-Kg	6.15
Mast Diameter-mm	$\Phi 40 \sim \Phi 70$
Radome Material	aluminum
Rated Wind Velocity-Km/h	241

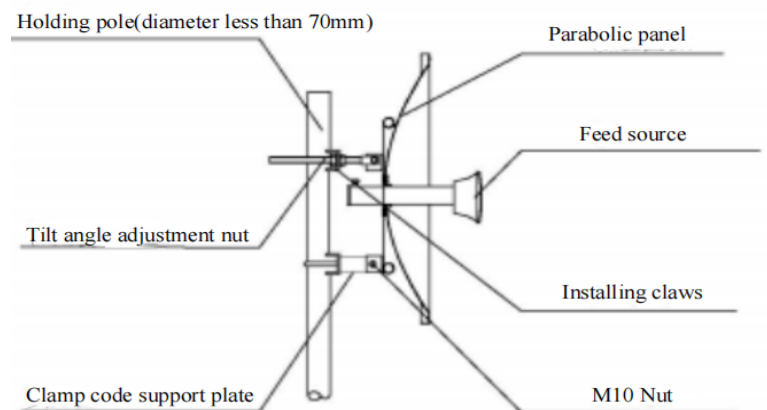


Vertical polarization-Vertical plane



Horizontal polarization- -to the vertical plane

Installation diagram



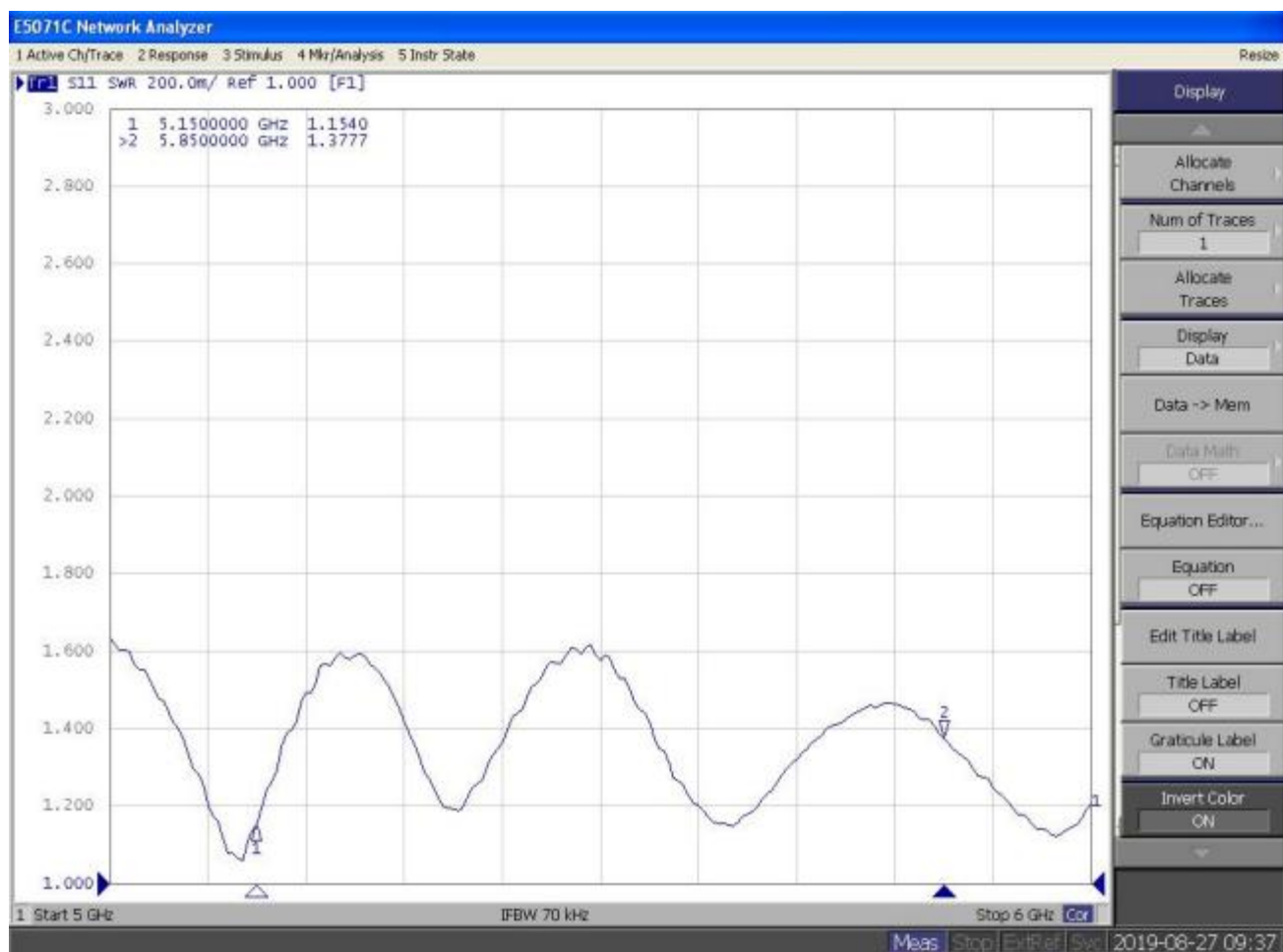
Installation instructions:

1. Install the clip code onto the back of the antenna as shown in the diagram. Ensure that the polarization of the antenna conforms to the desired direction. When the polarization direction of the antenna is perpendicular to the ground, the antenna is vertically polarized. When the polarization direction of the antenna is horizontal to the ground, the antenna is horizontally polarized.
2. Install the antenna onto the pole.
3. Measure the antenna with an instrument, adjust the orientation and elevation angle of the antenna until it can receive the best signal. Until the signal is received, finally tighten the installation screws at all places, and use waterproof glue at the joints and cable connections. Sealing is sufficient.

6dbi Antenna test data	Gain corresponding to each frequency dbi									
product model	5150	5250	5350	5450	5500	5550	5650	5750	5850	5900
Vertical port	6.00	4.61	4.74	4.67	5.41	5.6	5.99	5.76	6.00	6.23
Horizontal port	4.68	4.59	4.44	4.88	5.1	4.62	5.29	5.8	5.82	5.9

6dbiAntenna test data	Each frequency corresponds XPD									
	5150	5250	5350	5450	5500	5550	5650	5750	5850	5900
Vertical cross-over-polarization ratio	6.00	5.5	6.72	5.23	4.95	5.45	5.61	4.78	6.00	4.4
Horizontal cross-polarization ratio	5.09	3.57	6.75	4.15	3.74	3.1	4.8	2.68	3.56	3.15

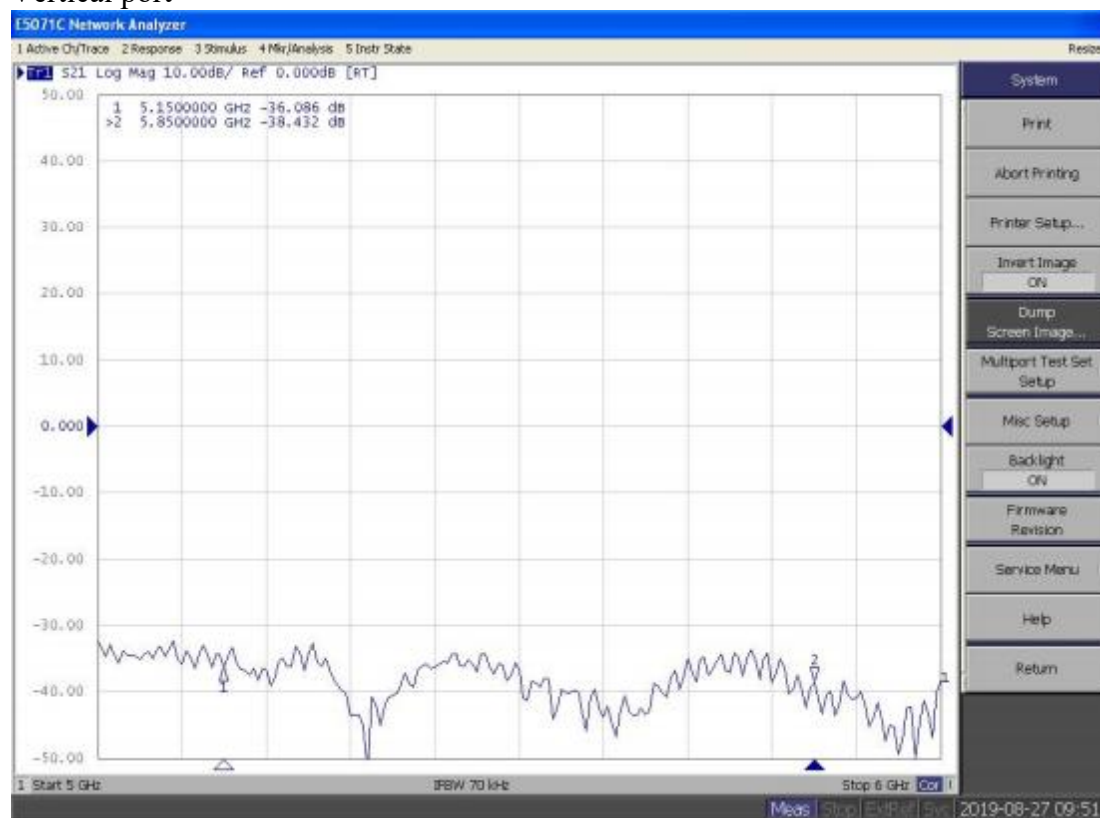
Standing-wave ratio



Horizontal port



Vertical port



Insulation

Tester: Li Aohua
Auditor: Wang Furong
Date: 20190827

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