

Outdoor Omni 5.8G Antenna

MODEL: TH-5800

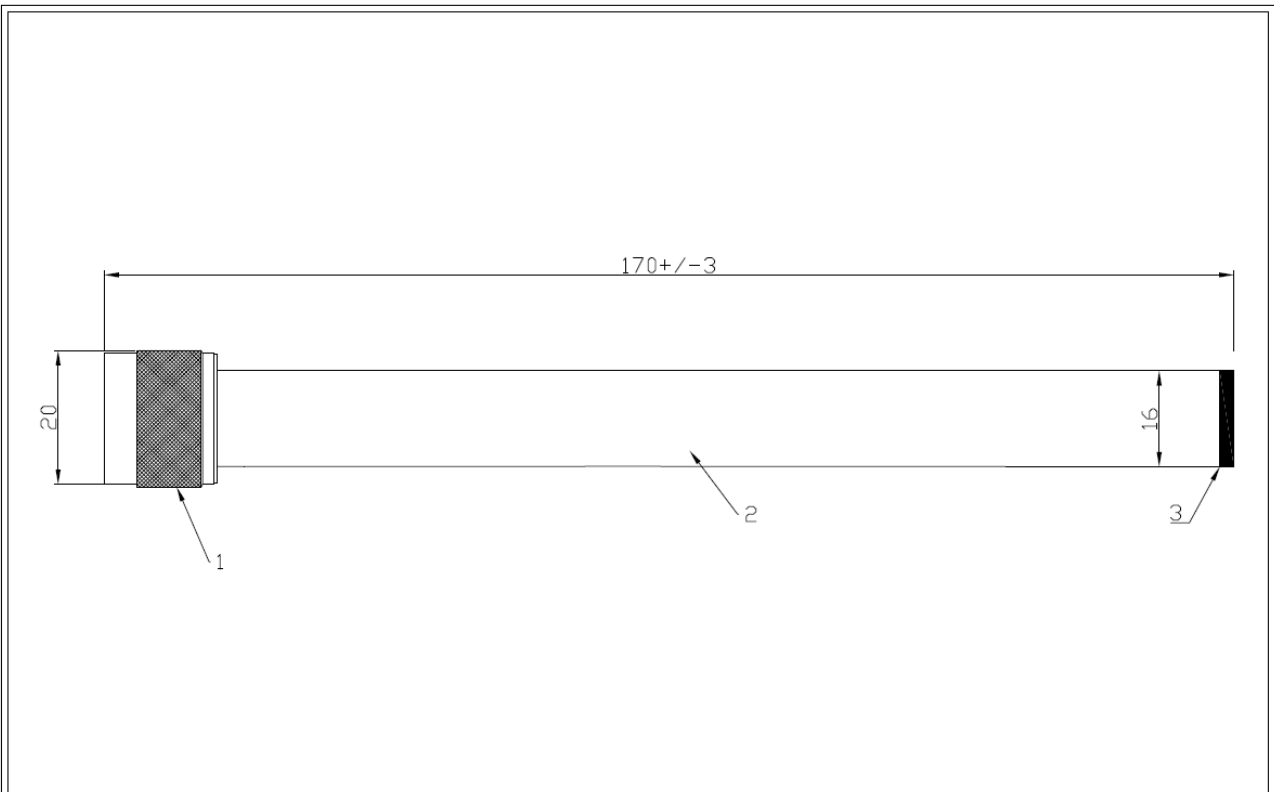


1. Electrical Properties

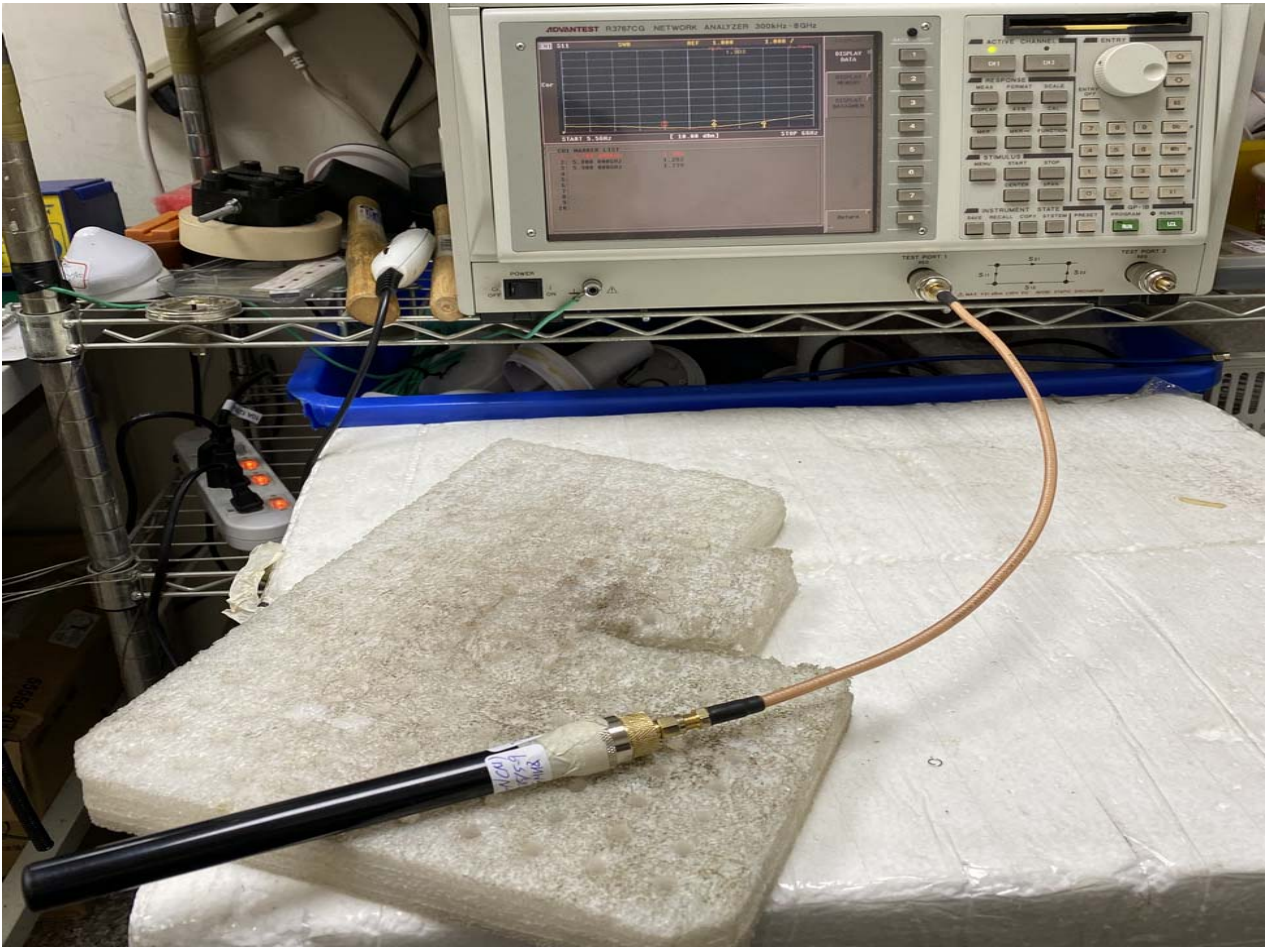
Parameter	Description
Frequency Band	5700-5900Mhz
Nominal Impedance	50 ohm
Polarization	Vertical
Electrical Wave	Dipole
Return Loss	Please See Data-1
V.S.W.R	2.0:1
Antenna Peak Gain	5dBi

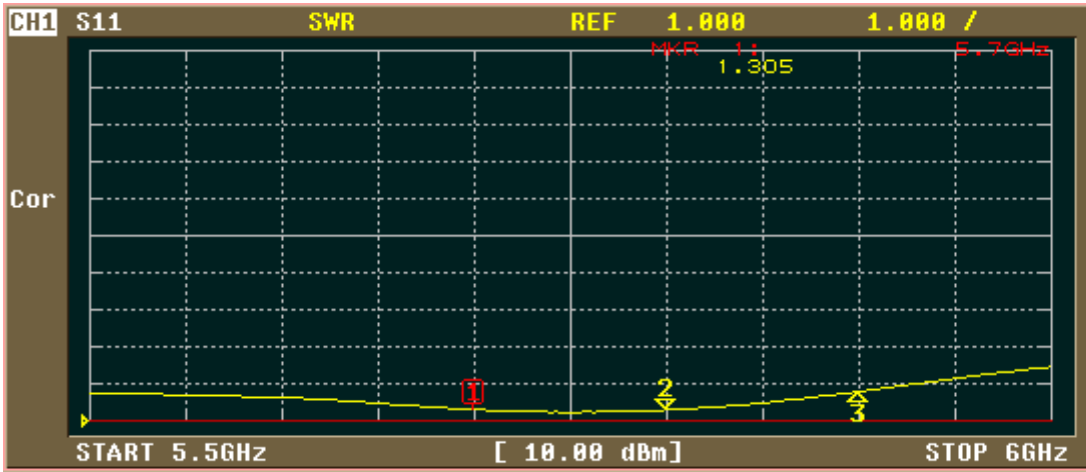
2. Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Connector Type	N(M)
Antenna Dimensions	170 mm \pm 3
Antenna Color	ASA-UV-Black
Operating Temperature Range	-40°C~+80°C
Storage Temperature Range	-40°C~+80°C
Waterproof	IPX7



6					百展科技有限公司				TEL: 886-2-86720160	
5					BJTEK NAVIGATION INC				FAX: 886-2-86720161	
4					TITLE: 5.8G Antenna				DWG NO.: TH-5806-NCM	
3	ASA Black cap				TOLERANCE: AS SPEC.		FINISH: SEE TABLE		DATE: 2020.01.03	UNIT: MM
2	ASA Black tube				MATERIAL: SEE TABLE		ISSUED: BILL		DRAWN: ALAN	CHECKED: LOUIS
1	NCM Connector									
ITEM	DESCRIPTION	MAT'L	FINISH	ITEM No.						





DISPLAY

DISPLAY DATA 1

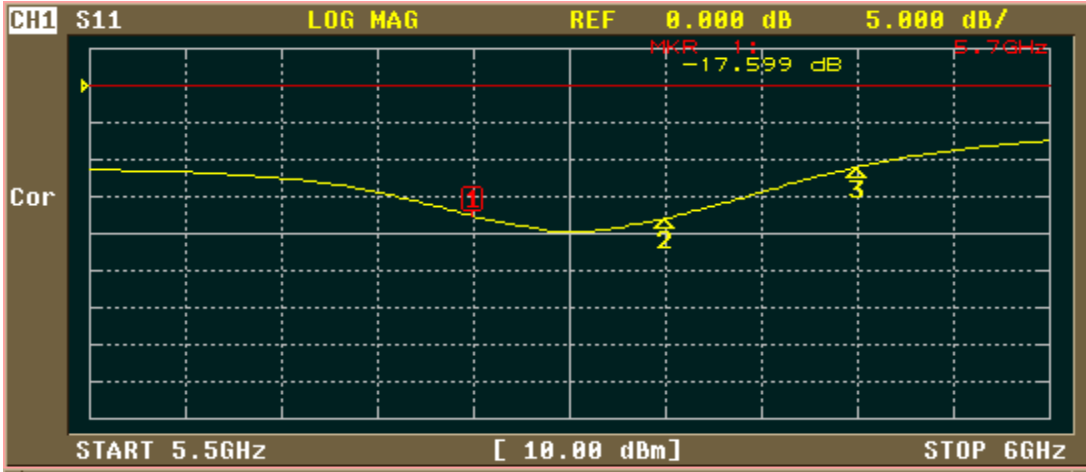
DISPLAY MEMORY 2

DISPLAY DATA&MEM 3

Return 8

CH1 MARKER LIST

1:	5.700 000GHz	1.305
2:	5.800 000GHz	1.289
3:	5.900 000GHz	1.788
4:		
5:		
6:		
7:		
8:		
9:		
10:		



FORMAT

LOG MAG 1

PHASE 2

DELAY 3

SMITH (R+jX) 4

SMITH (G+jB) 5

POLAR 6

LIN MAG 7

More 1/2 8

CH1 MARKER LIST

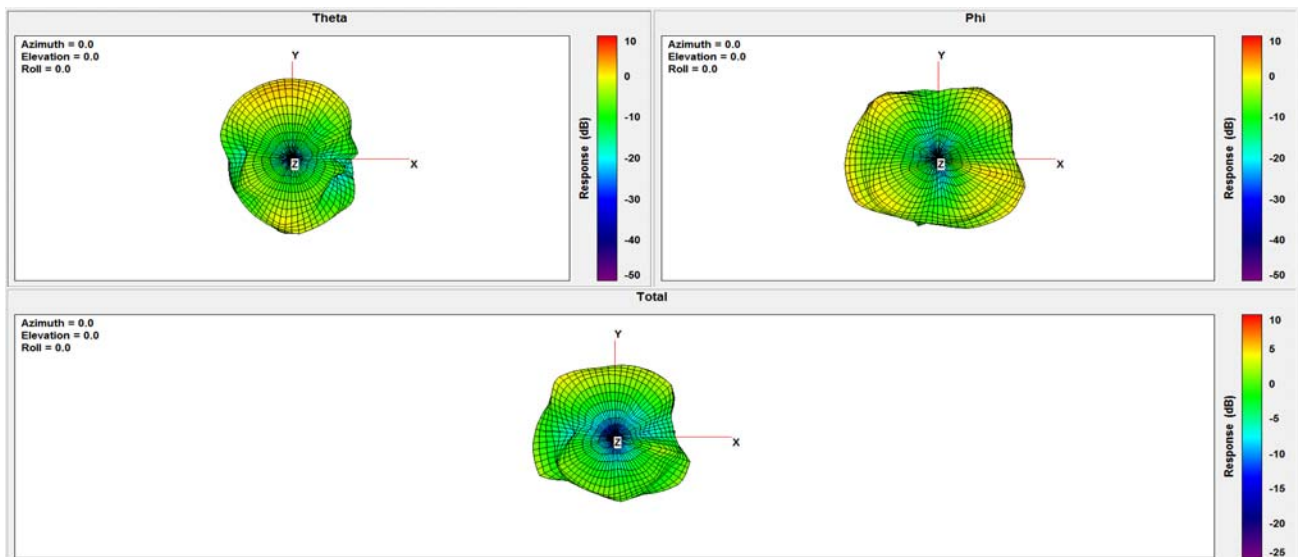
1:	5.700 000GHz	-17.599 dB
2:	5.800 000GHz	-17.921 dB
3:	5.900 000GHz	-11.007 dB
4:		
5:		
6:		
7:		
8:		
9:		
10:		



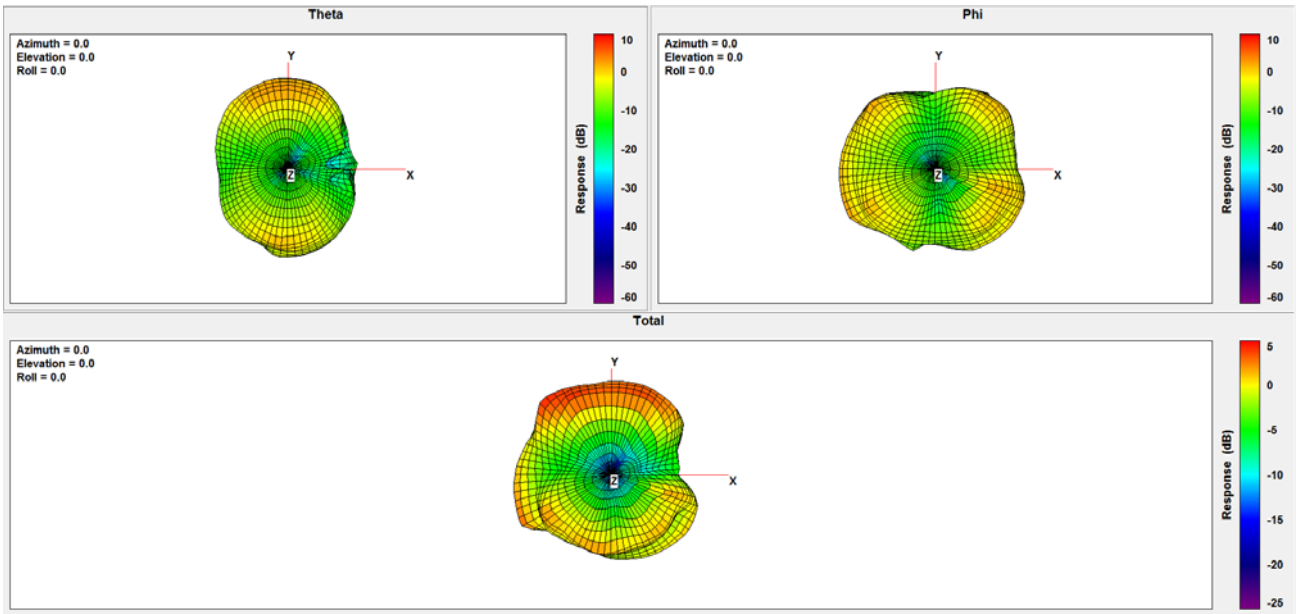
Test result:

Frequency (MHz)	5700	5750	5800	5850	5900						
Peak Gain (dBi)	5.05	5.32	5.22	5.33	5.03						
Efficiency (%)	61.61	70.86	79.66	63.84	64.45						

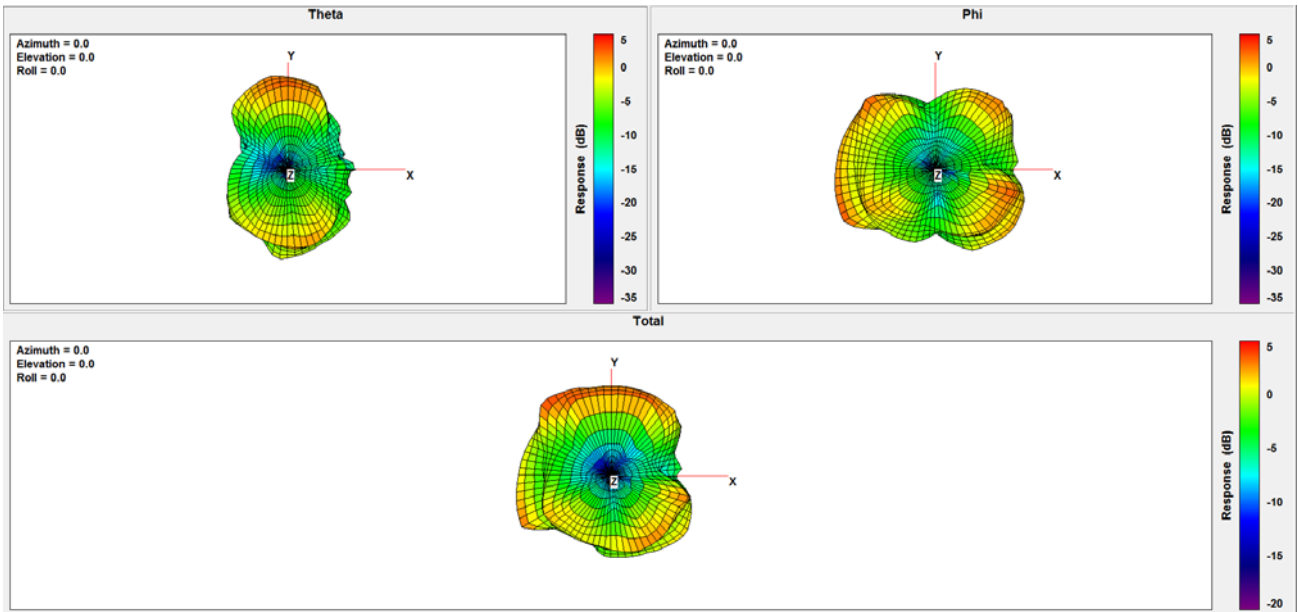
5.7G:



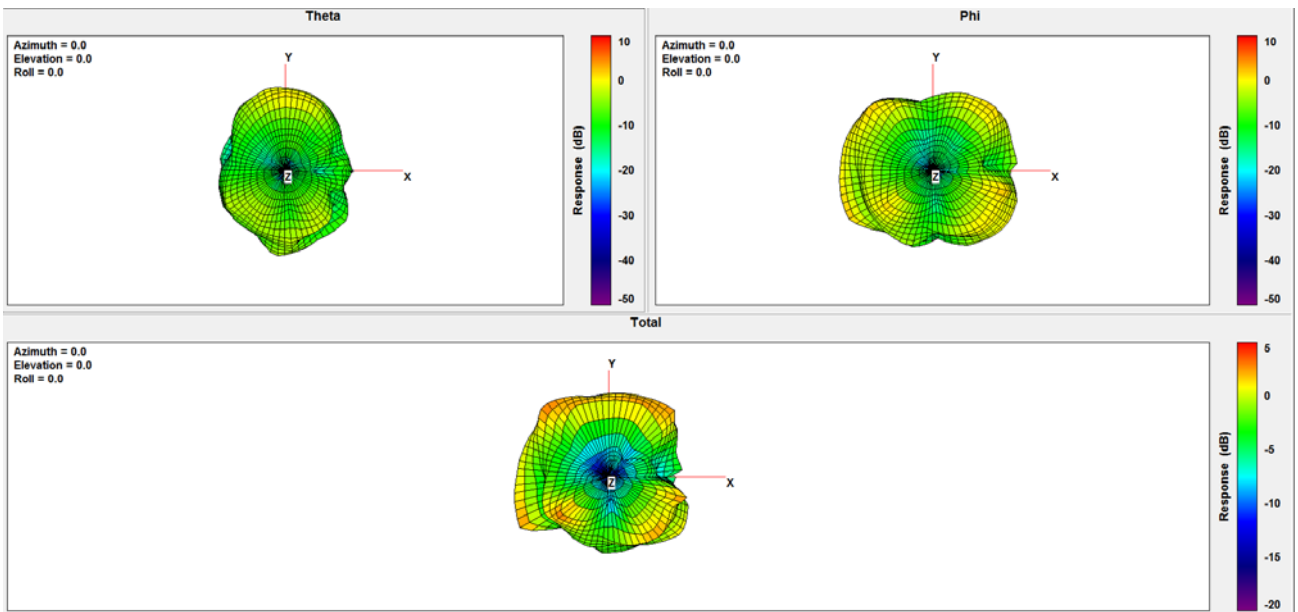
5.75G:



5.8G:



5.85G:



5.9G:

