

# DVBT ANTENNA

Model : TH-600



## 1. GENERAL DESCRIPTION

Model No	
	TH-600-SMA(M)

Below is a table summarizing the antenna design specification.

### 1.1 Electrical Properties

Parameter	Description
Frequency Band	470-900 MHz
Nominal Impedance	50 ohm
Polarization	Vertical
Return Loss	Please See Data-1
V.S.W.R	3.0:1
Note: Gain includes the cable loss	

### 1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Antenna Cover	TPR
Touch Type	Screw Type
Connector Type	SMA180°
Antenna Dimensions	104mm±1
Antenna Color	Black
Operating Temperature Range	-30°C~+70°C
Storage Temperature Range	-30°C~+70°C

2. Appearance

NO.	NAME	MATERIAL	FINISH	Q,TY
01	Core tube	TPE	Black	01
02	Fixed upper	ABS	Black	01
03	Fixed beneath	ABS	Black	01
04	RIVET	BRASS	Chrom plating	02
05	SMA-Connector(Male)	BRASS	Chrom plating	01

NO	INSP SPEC	TEST INSTRUMENT	NO	INSP SPEC	TEST INSTRUMENT	NO	INSP SPEC	TEST INSTRUMENT	NO	DATE	DESCRIPTION	REVISOR	VERSION
A			C			E				01			
B			D			F				02			

CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
				M/M			1
TOLERANCE	X. XX±0.15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
SURFACE ROUGHNESS	$\sqrt{\text{S}}$	APPEARANCE					

3. Appearance

2012/12/07 Fri 14:38:19

CH1 RFL LOG MAG MKR 1: 470MHz

REF 8.800 dB 5.800 dB/ -11.506 dB

ACTIVATE MARKER

START 200MHz

[ 0.00 dBm ]

STOP 1GHz

**CH1 MARKER LIST**

1:	470.000MHz	-11.506 dB
2:	500.000MHz	-13.110 dB
3:	600.000MHz	-7.837 dB
4:	700.000MHz	-5.947 dB
5:	800.000MHz	-9.944 dB
6:	900.000MHz	-10.373 dB
7:		
8:		
9:		
10:		

MARKER 1

MARKER 2

MARKER 3

MARKER 4

MARKER 5

ACTIVATE MKR OFF

Return

More 1/2

