

CAR UHF Antenna

MODEL: TC-433B

Inside Glass Antenna 433Mhz



1. GENERAL DESCRIPTION

Model No	P/N
	TC-433B-5M-SMA(M)

Below is a table summarizing the antenna design specification.

1.1 Electrical Properties

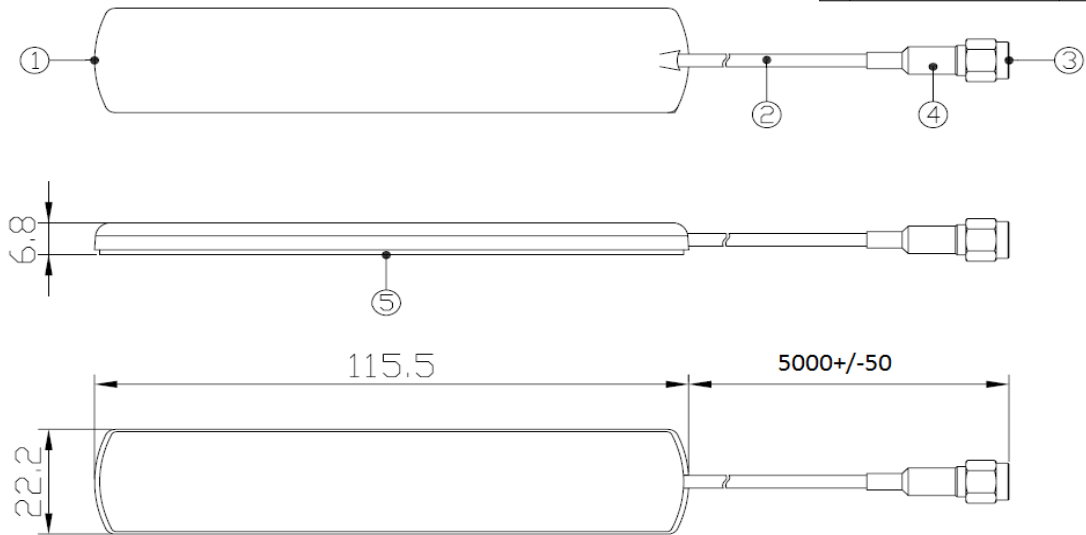
Parameter	Description
Frequency Band	433MHz
Nominal Impedance	50 ohm
Polarization	Vertical
Electrical Wave	Dipole
V.S.W.R	2.0:1

1.2 Mechanical Properties

Parameter	Description
Antenna Material	ABS
Connector Type	SMA 180° male
Antenna Dimensions	115 mm ± 5
Antenna Cable Total Length	5000mm ± 50
Antenna Color	Black
Operating Temperature Range	-30°C~+70°C
Storage Temperature Range	-30°C~+70°C

2.Appearance

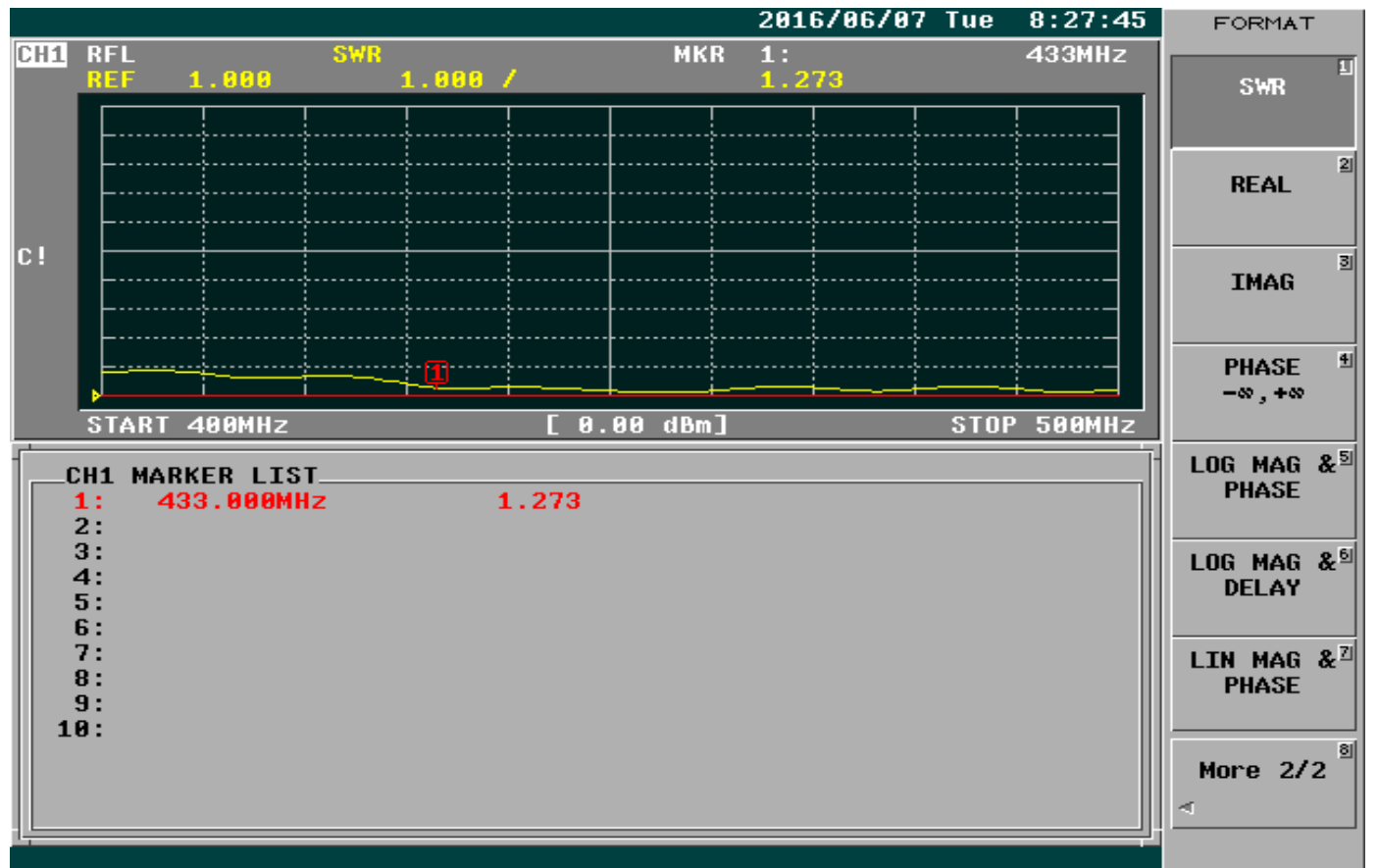
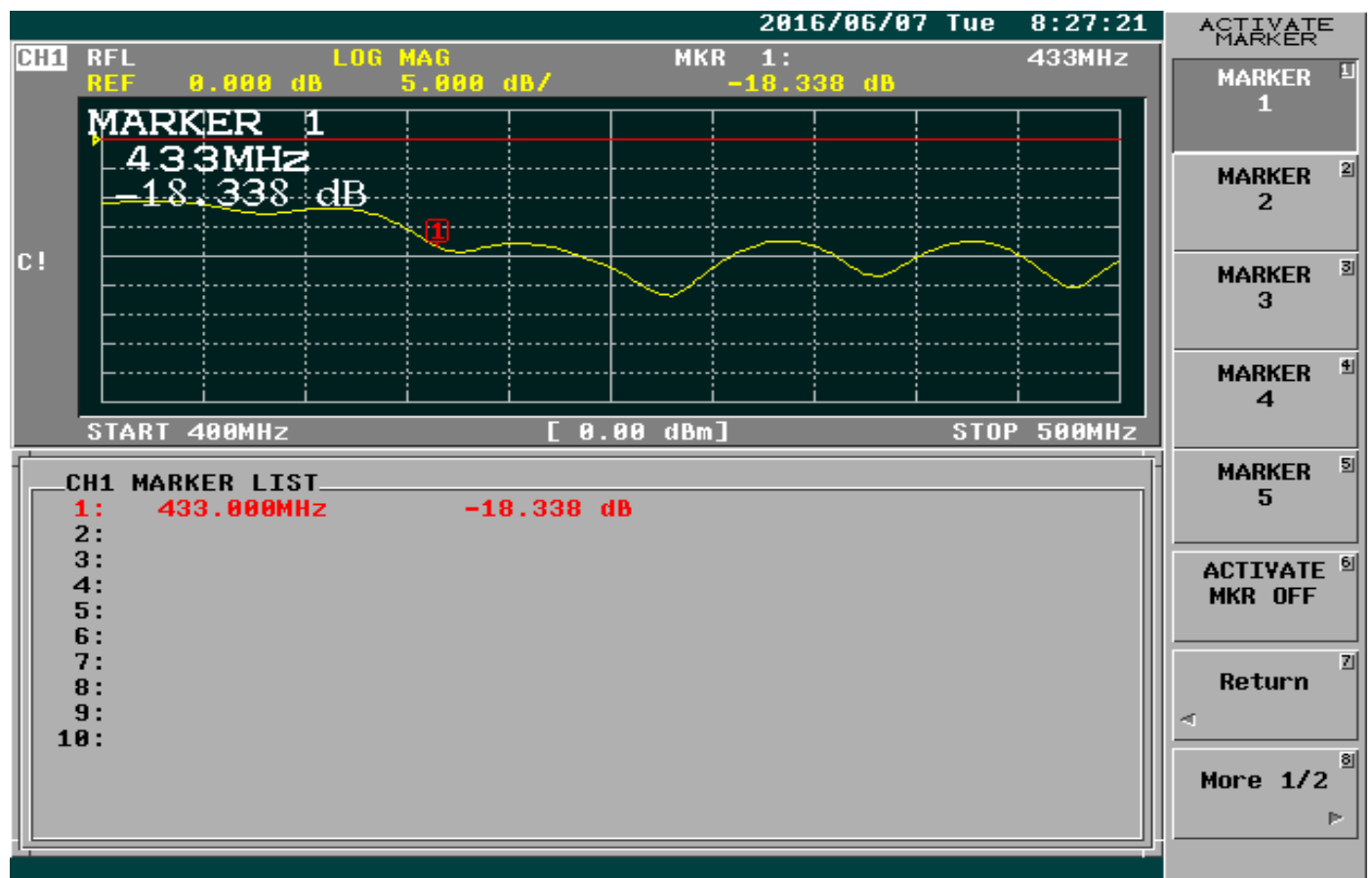
NO.	圖 名	外 觀	用 量
01	Head top	Black	01
02	RG-174A/U Cable	Black	01
03	SMA 180° (Male)	Colden plating	01
04	Heat-shrink tube	Polyolefin	01
05	3M-Twin adhesive	Red	01



 Third angle projection	CUSTOMER' S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
				433Mhz	M/M		20160607	1
	TOLERANCE	X. XX±0. 15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
	SURFACE ROUGHNESS		APPEARANCE					

3. FREQUENCY

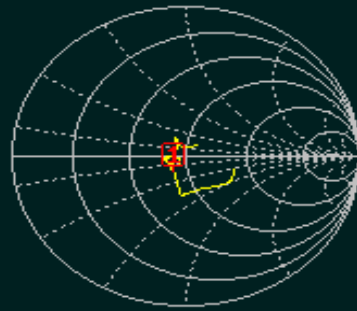




2016/06/07 Tue 8:28:10

CH1 RFL SMITH(R+jX) MKR 1: 433MHz
FS 1.000 42.238 Ω -7.993 Ω

C!



START 400MHz [0.00 dBm] STOP 500MHz

CH1 MARKER LIST

1:	433.000MHz	42.231 Ω	-8.008 Ω	45.895pF
2:				
3:				
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/