

SPECIFICATION / 規格書

Product Name:	WiFi 6E Antenna PATOANT008
Product Number:	IAO-246E03-01
Description:	WiFi 6E Rubber Cap, RP-SMA male Frequency 2.4~2.5GHz, 5.2~7.1GHz
Customer:	Atomos
Issue Date:	2022/3/28
Version:	A1

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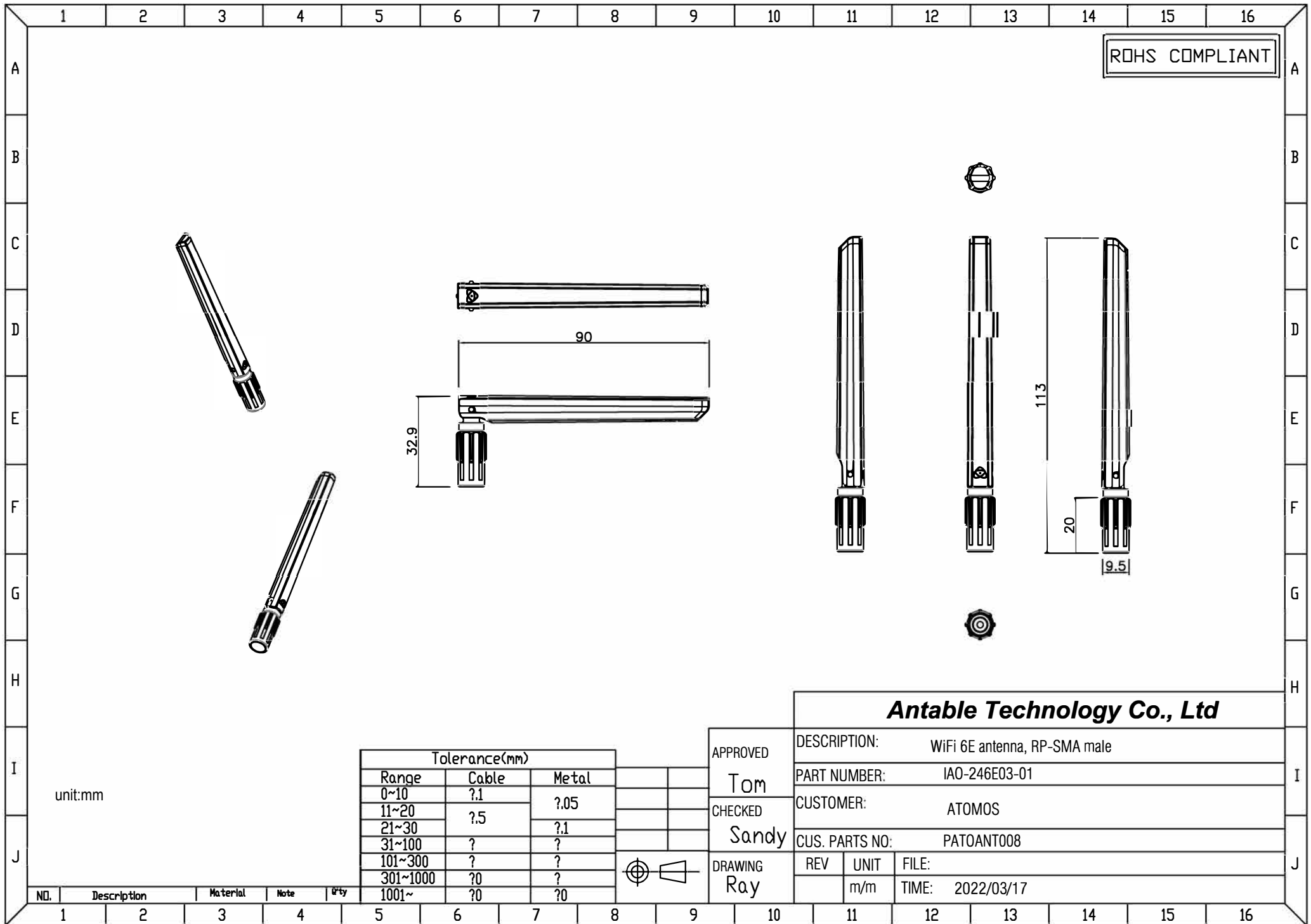
5 ... PATTERN

1 ...SPEC.

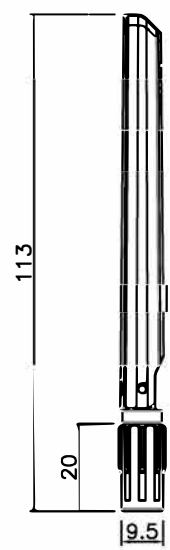
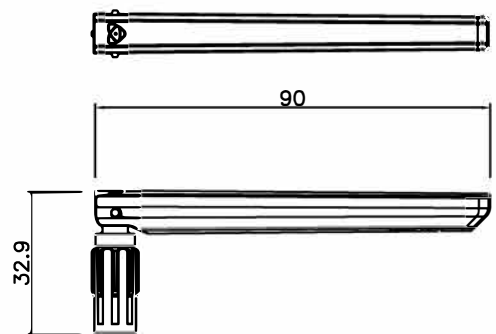
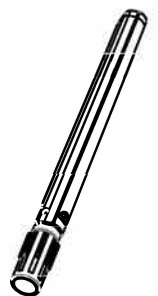
SPECIFICATION:			
Description	WiFi 6E Rubber Antenna	Impedance	50Ohm
Part Number	IAO-246E03-01	V.S.W.R	<2.0:1
Cable	N/A	Polarization	Vertical
Connector	RP-SMA male	Operating Temperature	-20℃ ~ +70℃
Color	Black (colour tip)	Storage Temperature	-30℃ ~ +80℃
Operating Frequency	2.4~2.5GHz / 5.2~7.1GHz	Appearance	See attached drawing

2 ...IMAGES / DRAWING PACKAGE





ROHS COMPLIANT



Tolerance(mm)		
Range	Cable	Metal
0~10	±1	±0.5
11~20	±5	±1
21~30	?	?
31~100	?	?
101~300	±0	±?
301~1000	±0	±?
1001~	±0	±0

APPROVED
Tom
CHECKED
Sandy
DRAWING
Ray

Antable Technology Co., Ltd		
DESCRIPTION: WiFi 6E antenna, RP-SMA male		
PART NUMBER: IAO-246E03-01		
CUSTOMER: ATOMOS		
CUS. PARTS NO: PATOANT008		
REV	UNIT	FILE:
	m/m	TIME: 2022/03/17

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	ROHS COMPLIANT															
B																
C																
D																
E																
F																
G																
H																
I																
J																

PATOANT008

Recycling Symbol #4

heat sealed

black tip

vent hole

32

155

(S) PE bag: 32*155mm
Recycling Symbol #4
Round vent hole

2 pcs / (S) PE bag
heat sealing

PATOMJ00454 AA BA CA DA

Recycling Symbol #4

PE zipper bag: 50*70mm
Recycling Symbol #4

2 pcs tip of each color
10 pcs in total

50 zipper bag /
130*190 (M) PE bag
500 pcs in total

heat sealing

(L) PE bag: 330*330mm
50 bag of antenna + 1 (M) bag of tip
heat sealing
(50 sets = 50*2pcs of antenna + 50*10pcs of tip)

K=K Carton 260*290*350mm
15 (L) PE bag / carton
Desiccant*2

tape sealing

label

Tape sealing
Labeling

Cus.:ATOMOS
PN.: PATOANT008
PATOMJ00454

Antable
PN.: IAO-246E03-01

Qty: 750set
Antable Technology Co., Ltd

15*50 set = 750 set =
antenna: 1500pcs
tip: 7500pcs

Tolerance(mm)		
Range	Cable	Metal
0~10	?.1	?.05
11~20	?.5	
21~30		
31~100	?	?
101~300	?	?
301~1000	?.0	?
1001~	?.0	?.0

APPROVED

Tom

CHECKED

Sandy

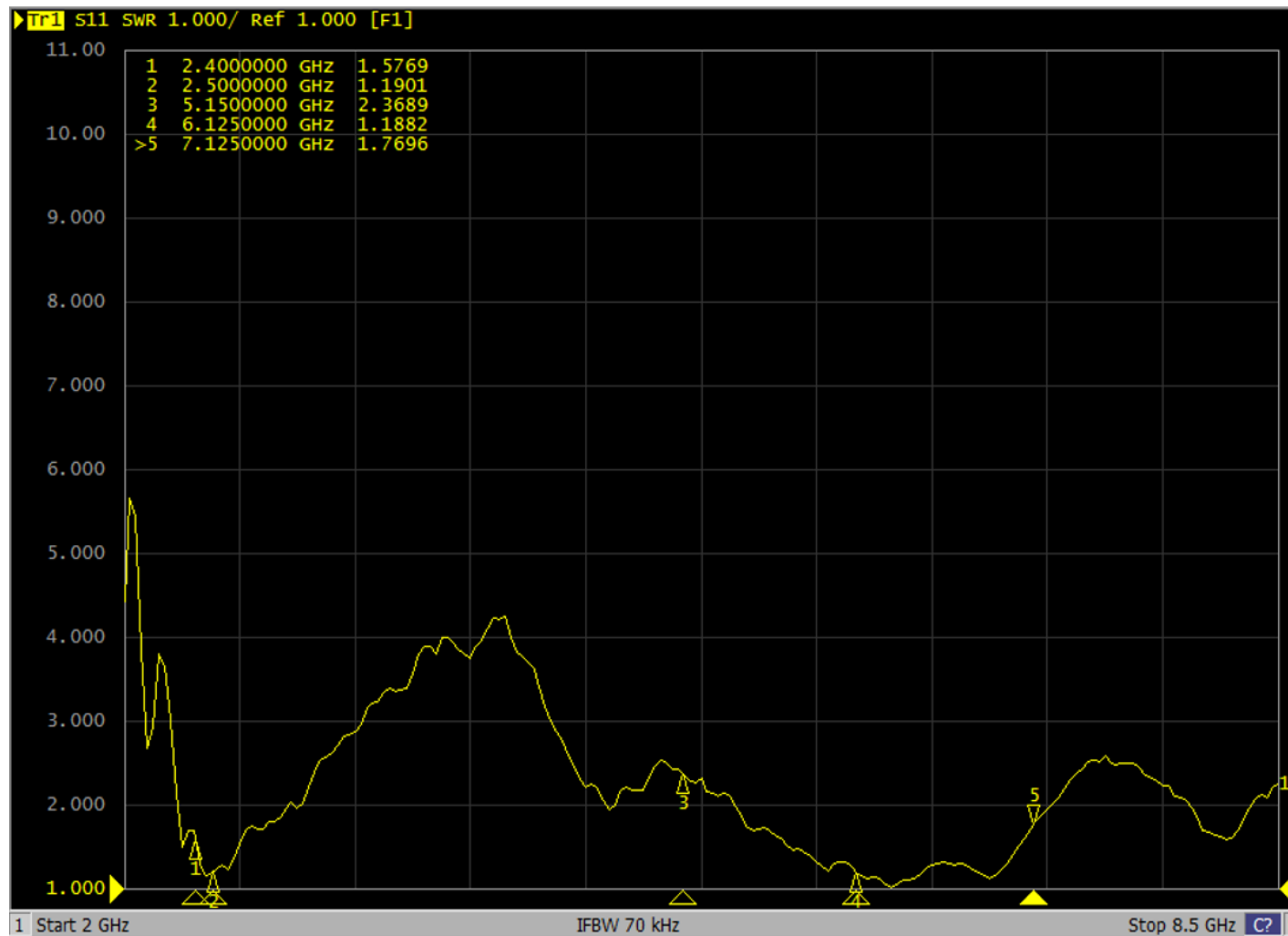
DRAWING

Ray

Antable Technology Co., Ltd		
DESCRIPTION: Packing instruction of IAO-246E03-01		
PART NUMBER:		
CUSTOMER: ATOMOS		
CUS. PARTS NO: PATOANT008		
REV	UNIT	FILE:
	m/m	TIME: 2022/03/17

NO.	Description	Material	Note	Qty
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

3 ...RETURN LOSS / VSWR



4 ... EFFICIENCY

<i>Frequency (MHz)</i>	<i>2400</i>	<i>2450</i>	<i>2500</i>	<i>5150</i>	<i>5470</i>	<i>5550</i>	<i>5950</i>	<i>6125</i>	<i>6550</i>	<i>6850</i>	<i>7125</i>
<i>Gain(dBm)</i>	-1.29	-1.04	-0.81	-0.90	-1.16	-1.80	-2.96	-1.21	-1.32	-0.96	-1.72
<i>Peak Gain(dBi)</i>	2.67	2.78	2.77	5.12	4.84	4.28	3.38	4.21	3.78	3.91	3.93
<i>Efficiency(%)</i>	74.30	78.64	82.89	81.34	76.47	66.10	50.54	75.62	73.73	80.25	67.31

5 ... PATTERN

