

Maximum Permissive Exposure

FCC ID: AZPT18MZWC-24G

Product Name: Radio Control

Model No: T18MZ-WC

Pursuant to KDB 447498 D01 v05r02 that SAR testing is not required when EUT has output power related to distance satisfy with following table; or when distance is less than 5 mm and output power threshold calculated from $[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$.

MHz	5	10	15	20	25	mm
150	39	77	116	155	194	SAR Test Exclusion Threshold (mW)
300	27	55	82	110	137	
450	22	45	67	89	112	
835	16	33	49	66	82	
900	16	32	47	63	79	
1500	12	24	37	49	61	
1900	11	22	33	44	54	
2450	10	19	29	38	48	
3600	8	16	24	32	40	
5200	7	13	20	26	33	
5400	6	13	19	26	32	
5800	6	12	19	25	31	
MHz	30	35	40	45	50	mm
150	232	271	310	349	387	SAR Test Exclusion Threshold (mW)
300	164	192	219	246	274	
450	134	157	179	201	224	
835	98	115	131	148	164	
900	95	111	126	142	158	
1500	73	86	98	110	122	
1900	65	76	87	98	109	
2450	57	67	77	86	96	
3600	47	55	63	71	79	
5200	39	46	53	59	66	
5400	39	45	52	58	65	
5800	37	44	50	56	62	

This application **FCC ID: AZPT18MZWC-24G** is equipped a **Pencil type antenna**. Thus the most closely distance from antenna to user is **40 mm(indicates in next page)** and the max Average output power (e.i.r.p.) is **17.290 dBm (53.380 mW)** which is satisfy with the exclusion level **77 mW**.

Max Average Output Power(dBm)	Antenna Gain (dBi)	e.i.r.p. in dBm	e.i.r.p. in mW
15.79	1.5	17.290	53.580

Sincerely Yours,



Mr. Ben Cheng
Manager
AUDIX Technology Corporation



納入仕様書

Specifications for delivery

名称:Futaba Wifi AntennaE1, E2, E3

Name:MAF94228, MAF94267, MAF95265

1. 本仕様書は LAIRD TECHNOLOGIES. が製造し、双葉電子工業株式会社殿に納入する Wifi Antenna に関する仕様(製品規格、納入形態)等について規定したものです。

This specification of a product named Wifi Antenna that LAIRD TECHNOLOGIES JAPAN INC. sells to Futaba Corporation defines its product standards, the method of delivery, and so on.

2. 適用製品/ Applied product name

Futaba Wifi Antenna E1, E2,E3 ; MAF94190, MAF94267, MAF95265

3. 寸法規格/ Dimension standards

添付図面 参照/Refer attached drawing.

4. 電気特性/ Electrical Characteristics

VSWR: <2:1 (2.4GHz-2.5GHz)

Gain: 1.5dBi (Max)

5. 納入仕様/ Specifications of delivery

- (1)梱包/ packaging

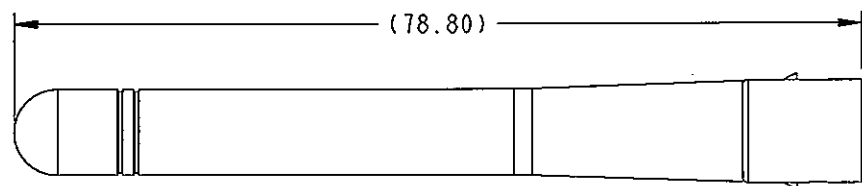
包装形態:20本を内梱包ビニール袋に梱包する。そのビニール袋を外ダンボール箱に梱包し、テープで密閉する。ラベルは内梱包ビニール袋及びダンボール箱に各1枚添付する。

Packing form: Pack 20 pcs into a plastic bag. And pack outer carton box after putting plastic bags. It appends one label each to a plastic bag and a box.

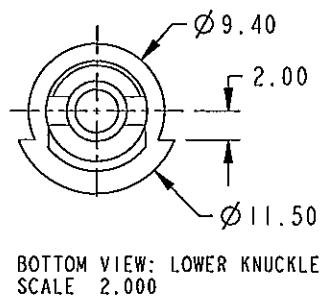
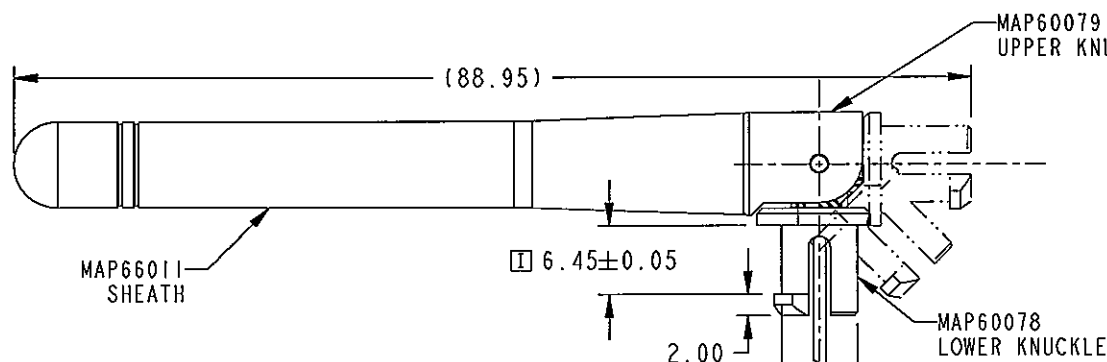
- (2)表示/ Indication

別紙 梱包及び表示の詳細参照

6. コネクタのプラグ・リセプタクルの動作確認については添付の参考資料参照のこと。(動作を保証するものではありません)



APPROVED



Ø 1.13 COAX CABLE ASS'Y
WITH R/A 1-PEX

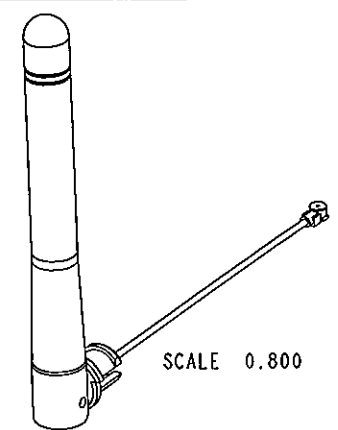
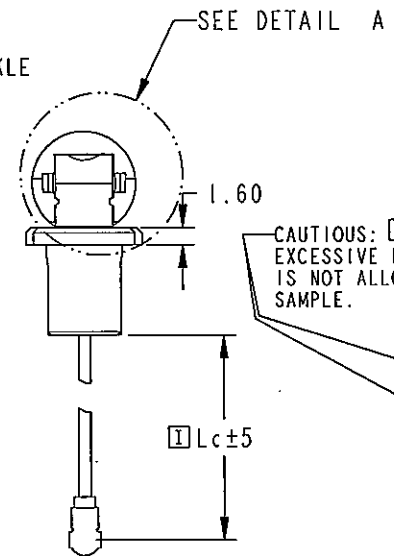
PRE-TIN ON BRAID
& CENTER CONDUCTOR

CONN. ORIENTATION "A"

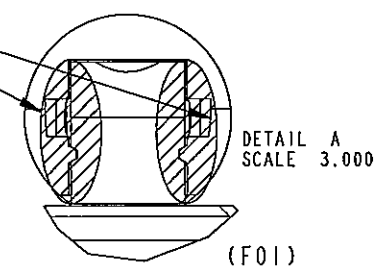
CONN. ORIENTATION "B"

TABLE 1

LAIRD TECH. PART NO-REV	FUTABA PART NO.	DESCRIPTION	Lc	CONN. ORIENTATION	(SYM)
MAF94228-B1	9M99Z02201	ANTENNA E1	66	A	(F02)
MAF94267-B1	9M99Z02202	ANTENNA E2	66	B	(F02)
MAF95265-B1	9M99Z02203	ANTENNA E3	95	A	(F03)



CAUTION: **I**
EXCESSIVE FUTABA SUPPLIED GREASE (MMP20034)
IS NOT ALLOWED AT THESE AREAS. REFER LIMIT
SAMPLE.

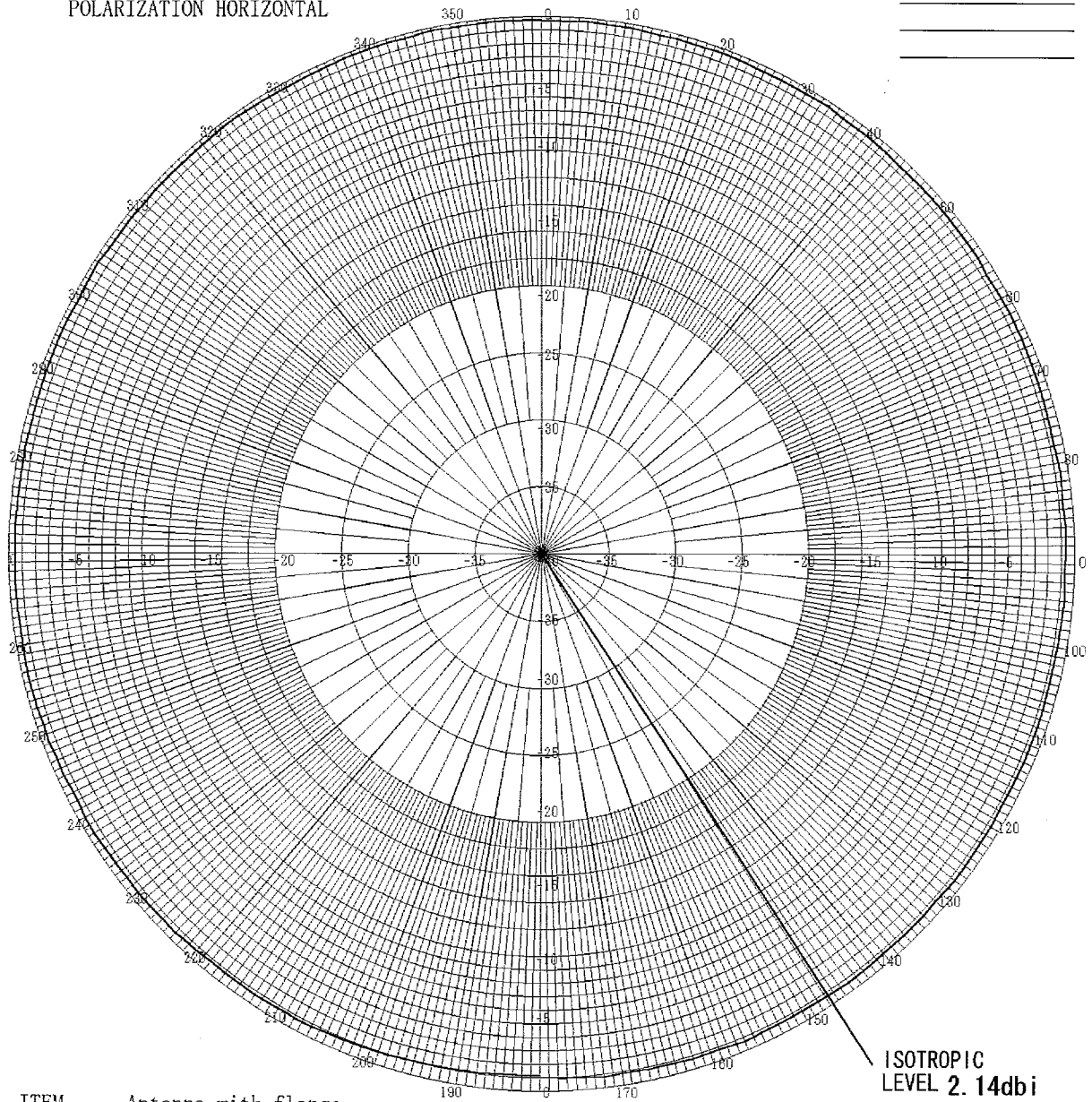


TOLERANCE (UNLESS STATED)	X = ±0.3 XX = ±0.13 ANGULAR = ± 30'	SYM	ECO/DESCRIPTION	DATE	CK	APP	 ANTENNA SBU PENANG, MALAYSIA	DRAWN BY: CHIN				
		(F01)	Consolidation of print; change metal tube; change metal tube assembly method; Added View and Cautious. Others, refer pg2 & pg3 for detail	16/09/08	CHIN	FONG		CHECKED BY: FONG				
- PRODUCT & PROCESS MUST COMPLY TO LT-GES - MISSING INFORMATION REFER TO 3D DATA - DIMENSIONS ARE IN MILLIMETERS UNLESS STATED OTHERWISE - THIS DRAWING WAS GENERATED VIA PRO/ENGINEER - PRINT NOT TO SCALE		(F02)	ECO-00492	28/11/08	CHIN	FONG	CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DOCUMENT IS OF PROPRIETARY NATURE. IT MAY NOT BE REPRODUCED OR USED WITHOUT EXPRESS WRITTEN PERMISSION OF LAIRD TECHNOLOGIES, ANTENNA SBU	DWG. NO.: MAF94417		PG. 1/3	REV (F03)	
		(F03)	ECO-00528	31/03/09	CHIN	FONG		DESCRIPTION: FUTABA WIFI ANTENNA E FAMILY		MATERIAL: N/A		
							© 2008 LAIRD TECHNOLOGIES	PROJECT NO. CWC0165	DATE: 16/09/08	SCALE: 1.500	UNITS: MM	

MAGNITUDE VS. AZIMUTH

REMARKS: _____

POLARIZATION HORIZONTAL



ITEM Antenna with flange

MEASUREMENT FREQUENCY
2.45GHz