

Description:

WIFI 3 AUX LEFT

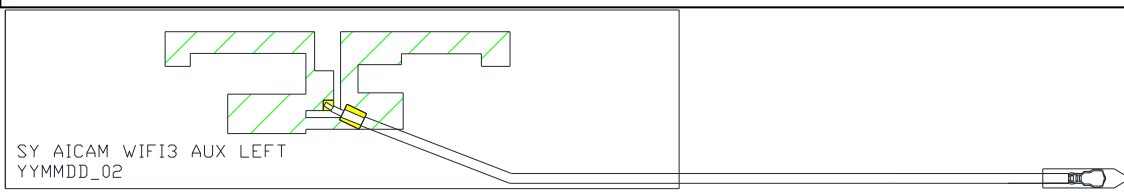


Series: SY AICAM

CUSTOMER P/N:
PULSE P/N: TZ2727W

Features:

- WLAN antenna
- Flexible Printed Circuit
- 1.13mm LLS cable with IPEX4代
- RoHS Compliant



Applications:

- AI CAM

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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Tel: 86 512 6807 9998



Series: SY AICAM
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ELECTRICAL SPECIFICATIONS

Antenna Type	FPC Dipole
Frequency	2.4-2.5 GHz 5.15-5.85 GHz
Nominal Impedance	50 Ω
Radiation Pattern	Omni
Gain	Refer to below table
Polarization	Linear
Power Withstanding	1W

MECHANICAL SPECIFICATIONS

Overall Length	77.57x20.6x0.15mm
Antenna Color / Material	See table, P3
Connector type	See table, P3
Cable type	See table, P3
Cable length	See table, P3
Adhesive tape	See table, P3

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40 ~ +85°C
Storage Temperature	-40 ~ +85°C
RoHS Compliant	Yes

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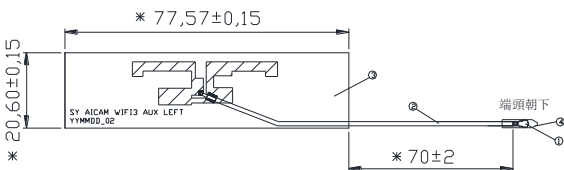
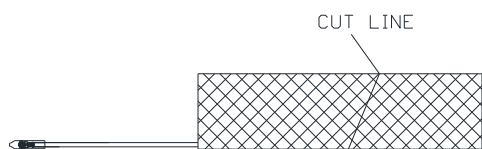


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MECHANICAL DRAWING

A	B	C	D	E	F	G																																				
MOD	Description	DATE	EDITOR	Please follow Pulse Limits for the hazardous substances (RoHS, halogens) in the document "Pulse Hazardous Substances (HS) Limits (RPG004)" and "Vendor Survey Questionnaire, Material Composition (LDM-SAF-L0040)".																																						
P1	New Release	23/06/01	KEN	Reliability Test Spec according to W719 (Reliability Test Working Instruction) Default test standard is Test Standard A if no definition																																						
P2	變更PATTERN	23/08/25	KEN																																							
 																																										
技? 要求: 1.Max T=0.15mm, 綠色為佈銅,黃色為漏銅OSP處理,紅色為背膠露銅區域表面處理: OSP (0.1~0.2 μm) 2.背? tesa68532,ED銅 0.5oz, PI基材(0.5mil),上黑色油墨,白色文字 3.产品符合无卤素要求。 4.未标注公差0.15mm, 未标注尺寸按图档要求。 技? 要求: 1.FPC不可有皺褶,浮翹,破損,脫落,浮貼現象 2.工程圖上"*"號為重點尺寸標註指示 3.工程圖上"#"號為Cpk量測尺寸標註指示																																										
Note: 1. Surface finish quality to PULSE P0.5/30/200 class III. No visual requirements, only functional. 2. Part surface must be clean and free from release agent, grease/fingerprint oil and dust or any other contaminant. 3. Inkjet marking to be in approximate positions shown. 4. For complete documentation this drawing must be accompanied by a 3D coordinate file with part version number as stated in the title block. Functional Characteristics Key (Cpk requirement: Cpk>1) - Process Capability Studies required (total pcs) - Ongoing Statistical Process Control Required (total pcs) - Critical dimension need to be measured, no Cpk requirement (total pcs)																																										
Confidential This is a proprietary information of Pulse Suzhou. No reproduction/copying is allowed without permission. Altek VERSION: Altek P/N: 117-0116-001 <table border="1"> <thead> <tr> <th>ITEM</th> <th>Name</th> <th>Specification Description</th> <th>QTY</th> </tr> </thead> <tbody> <tr><td>8</td><td></td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td></tr> <tr><td>4</td><td>端頭保護套</td><td>PE套(透明),規格71.5</td><td>1</td></tr> <tr><td>3</td><td>FPC</td><td>77.57x20.6x0.15mm</td><td>1</td></tr> <tr><td>2</td><td>CABLE</td><td>1.13mm low loss(白),L=70mm</td><td>1</td></tr> <tr><td>1</td><td>CONNECTOR</td><td>I IPEX 4代</td><td>1</td></tr> </tbody> </table>							ITEM	Name	Specification Description	QTY	8				7				6				5				4	端頭保護套	PE套(透明),規格71.5	1	3	FPC	77.57x20.6x0.15mm	1	2	CABLE	1.13mm low loss(白),L=70mm	1	1	CONNECTOR	I IPEX 4代	1
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Pulse (Suzhou) Wireless Products Co., Ltd. 99 HULIU RD, SUZHOU NEW DISTRICT SUZHOU 215009 P.R.CHINA WWW.PULSEELECTRONICS.COM/ANTENNAS PRODUCTS: TZ2727W ITEM NAME: SY AICAM WIFI3 AUX LEFT Scale: 1:1 DESIGN: KEN CHECKED: KEN APPROVED: CHENG DOCUMENT NUMBER: TZ2727W DRAWING REVISION: P02 DOCUMENT VERSION: P2 DATE: 20230825 NAME: KEN																																										

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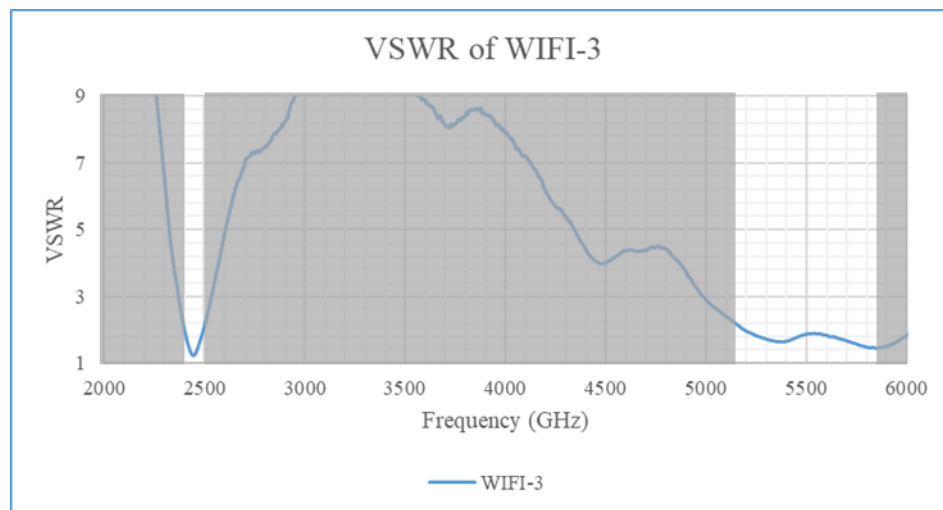
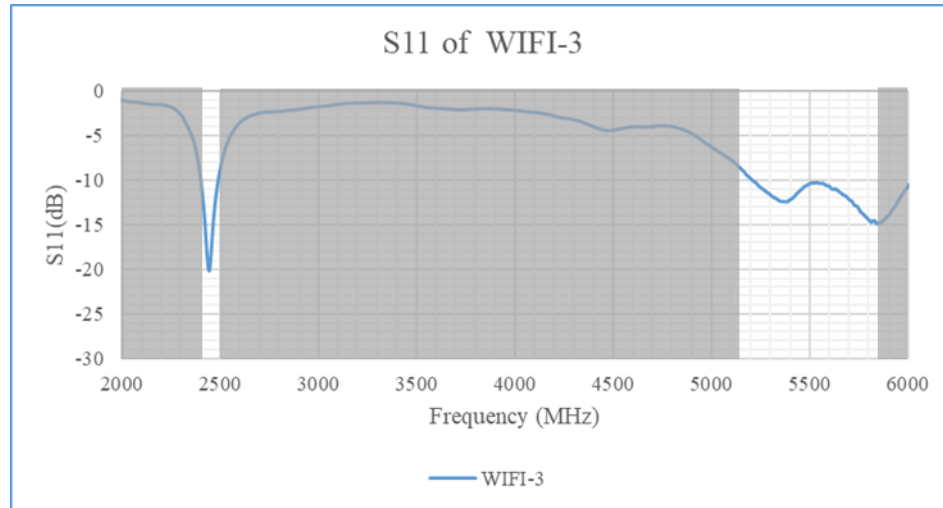


Series: SY AICAM

CUSTOMER P/N:
PULSE P/N: TZ2727W

TEST SETUP

S11 of WIFI3



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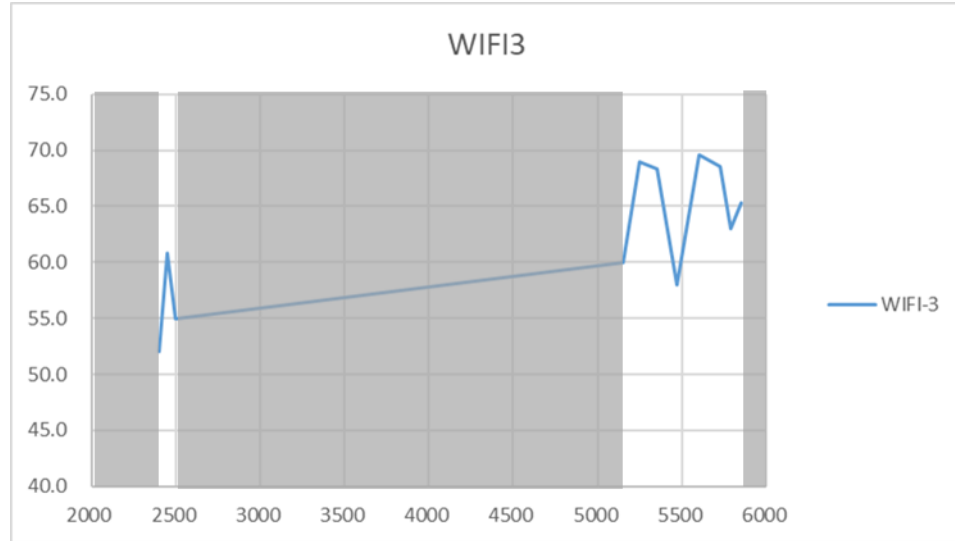


Series: SY AICAM

CUSTOMER P/N:
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TEST SETUP

Efficiency of WIFI3



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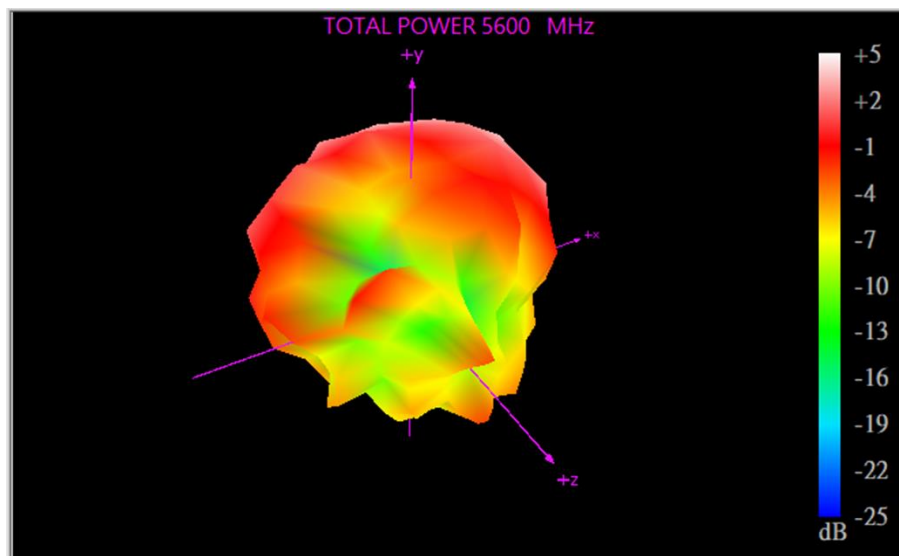
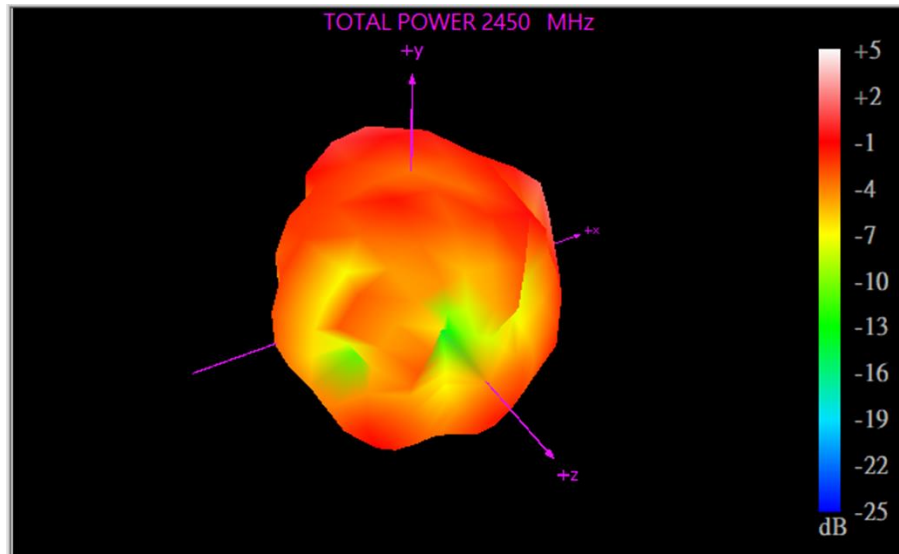
Series: SY AICAM
CUSTOMER P/N:
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TEST SETUP

Efficiency of WIFI3

	WIFI3		
Freq (MHz)	Eff.(dB)	Eff.(%)	Peak Gain (dBi)
2400	-2.84	52.0	2.07
2450	-2.16	60.8	2.54
2500	-2.61	54.8	2.36
5150	-2.22	60.0	5.07
5250	-1.63	68.7	5.60
5350	-1.65	68.4	5.50
5470	-2.37	57.9	5.71
5600	-1.58	69.5	6.30
5725	-1.64	68.5	6.18
5785	-2.00	63.1	5.28
5850	-1.85	65.3	4.81

Description:
WIFI 3 AUX LEFT**Series: SY AICAM****CUSTOMER P/N:**
PULSE P/N: TZ2727W**CHARTS**

Radiation Pattern of WIFI3



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