



Pulse

a YAGEO company

RoHS & Halogen Free & REACH Compliance

產 品 規 格 承 認 書

SPECIFICATION FOR APPROVAL

Customer : Altek

Vendor code : _____

MACHINERT: SY AICAM

PART NAME : WIFI 3 AUX LEFT

Customer P/N : 117-0116-001

Pulse P/N : TZ2727W Date : 2024/04/09

SPECIFICATION			
ACCEPTED BY:			
核准	審 核	承認者	承認單位

審 核	作 成
Mark / JY	KEN / Sean



Pulse
A YAGEO Company

新加坡商普思電子有限公司

PULSE ELECTRONICS (SINGAPORE) PTE LTD

No. 99 Huo Ju Road, Suzhou New District Jiangsu
Province, suzhou 215009, P.R. China

Description:
WIFI 3 AUX LEFT



Series: SY AICAM

CUSTOMER P/N:117-0116-001

PULSE P/N: TZ2727W

[illegible]

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

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For more information:

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Pulse/Larsen Antennas
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Tel: 1-360-944-7551

Europe Headquarters
Pulse GmbH & Do, KG
Zeppelinstrasse 15
Herrenberg, Germany
Tel: 49 7032 7806 0

Pulse (Suzhou) Wireless Products Co., Inc.
99 Huo Ju Road(#29 Bldg,4th Phase
Suzhou New District
Jiangsu Province, Suzhou 215009 PR China
Tel: 86 512 6807 9998



Description:

WIFI 3 AUX LEFT

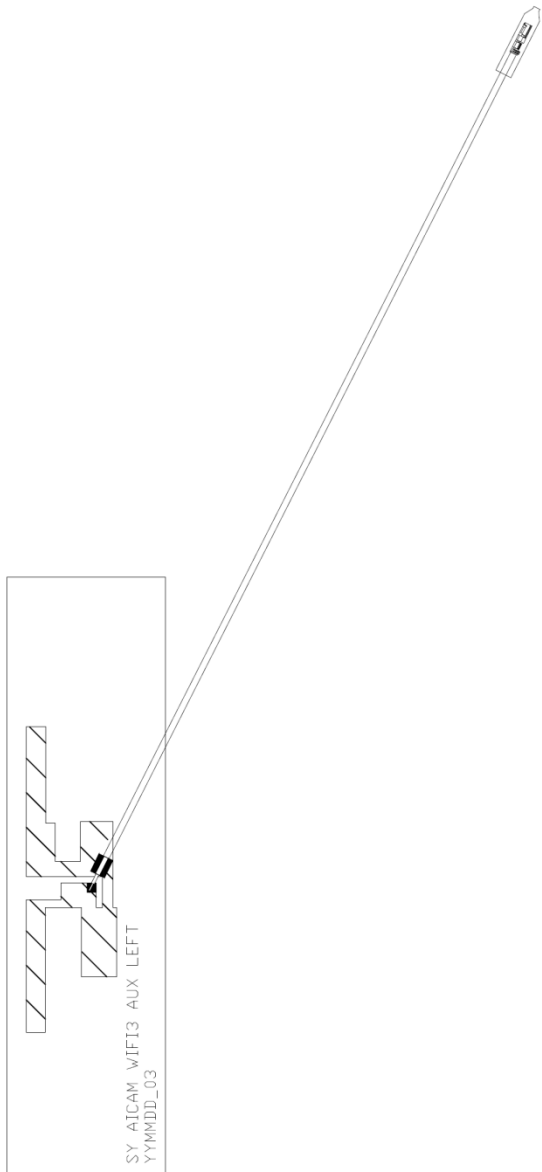


Series: SY AICAM

CUSTOMER P/N: 117-0116-001
PULSE P/N: TZ2727W

Features:

- WiFi 6E antenna
- Flexible Printed Circuit
- 1.13mm LLS cable with IPEX4代
- RoHS Compliant



Applications:

- AI CAM

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ELECTRICAL SPECIFICATIONS

Antenna Type	FPC Dipole
Frequency	2.4-2.5 GHz 5.15-5.85 GHz 5.925-7.125 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

Description:

WIFI 3 AUX LEFT

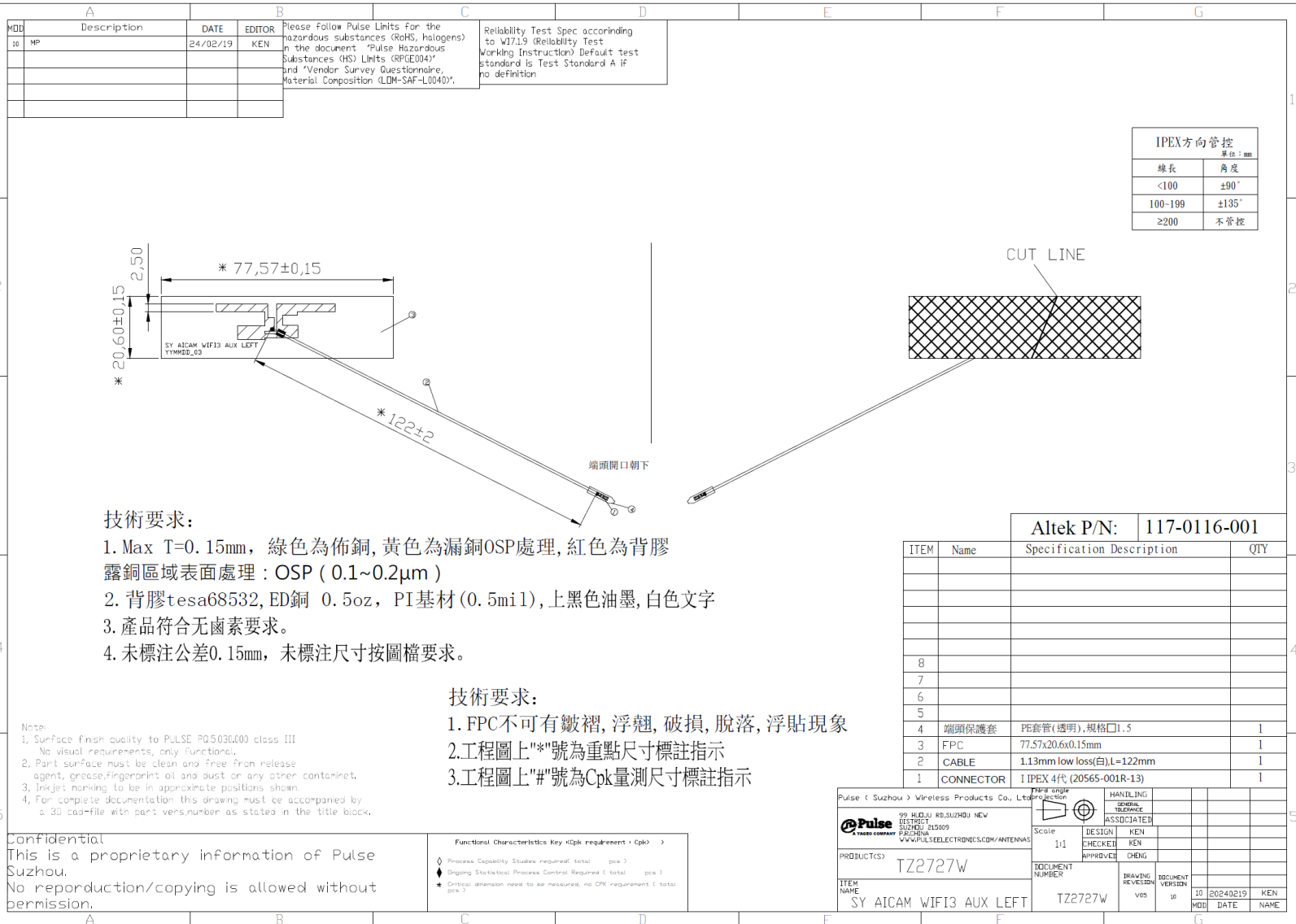


Series: SY AICAM

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MECHANICAL DRAWING



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Description:

WIFI 3 AUX LEFT



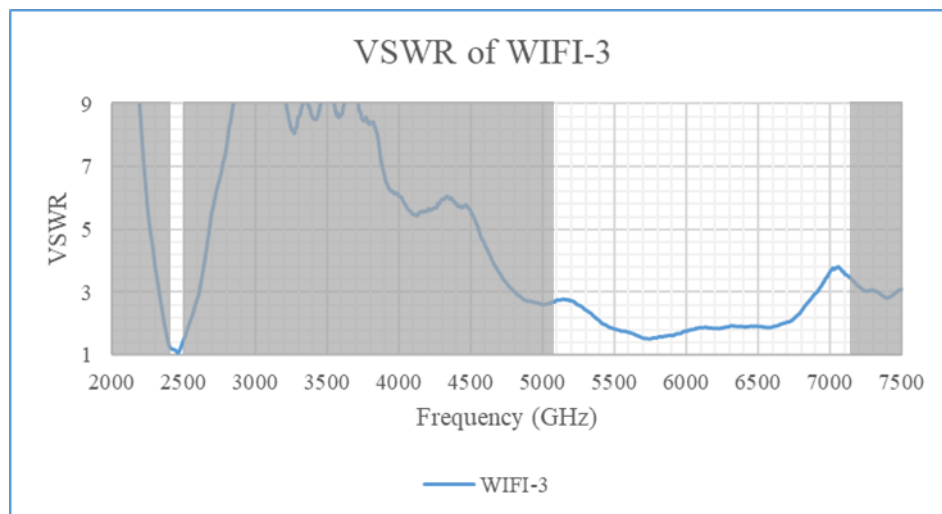
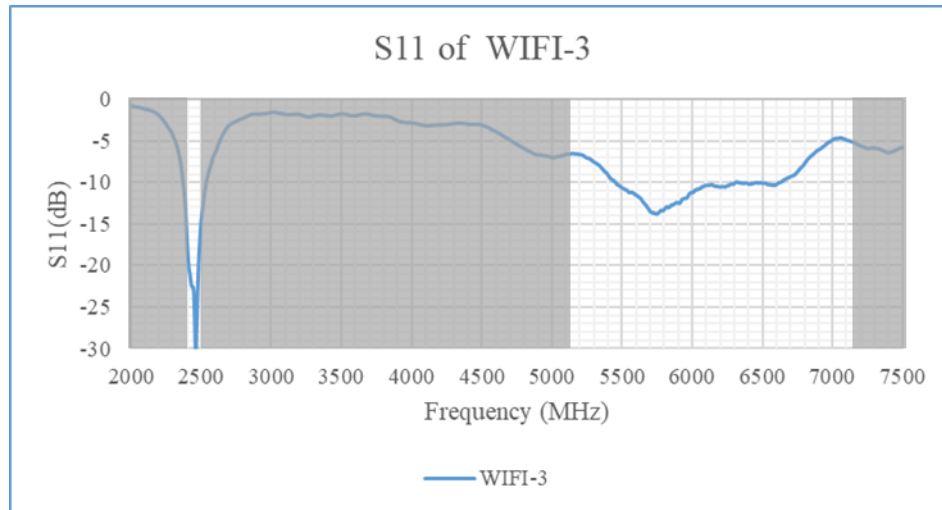
Series: SY AICAM

CUSTOMER P/N: 117-0116-001

PULSE P/N: TZ2727W

TEST SETUP

S11 of WIFI3



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Description:
WIFI 3 AUX LEFT

Series: SY AICAM
CUSTOMER P/N: 117-0116-001
PULSE P/N: TZ2727W
TEST SETUP

Efficiency of WIFI3

	WIFI-3		
Freq (MHz)	Eff.(dB)	Eff.(%)	Peak Gain (dBi)
2400	-2.21	60.1	3.73
2450	-1.70	67.6	3.79
2500	-2.28	59.2	3.63
5150	-2.18	60.5	3.24
5250	-1.86	65.2	4.36
5320	-2.11	61.5	4.15
5470	-2.11	61.5	4.97
5600	-1.61	69.0	4.82
5725	-1.44	71.8	5.17
5785	-1.76	66.7	5.28
5850	-1.80	66.1	5.94
5925	-1.92	64.3	5.85
6085	-1.92	64.3	5.07
6125	-2.17	60.7	4.66
6225	-2.29	59.0	4.03
6325	-2.36	58.1	4.36
6425	-2.17	60.7	4.55
6565	-1.95	63.8	4.03
6625	-2.09	61.8	3.88
6725	-1.94	64.0	4.27
6885	-2.42	57.3	3.73
6925	-2.60	55.0	3.39
7000	-2.94	50.8	3.39
7125	-3.50	44.7	2.73

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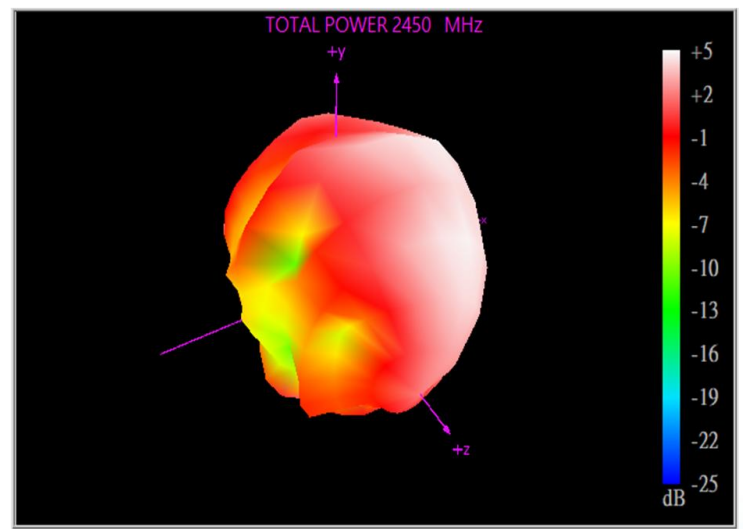
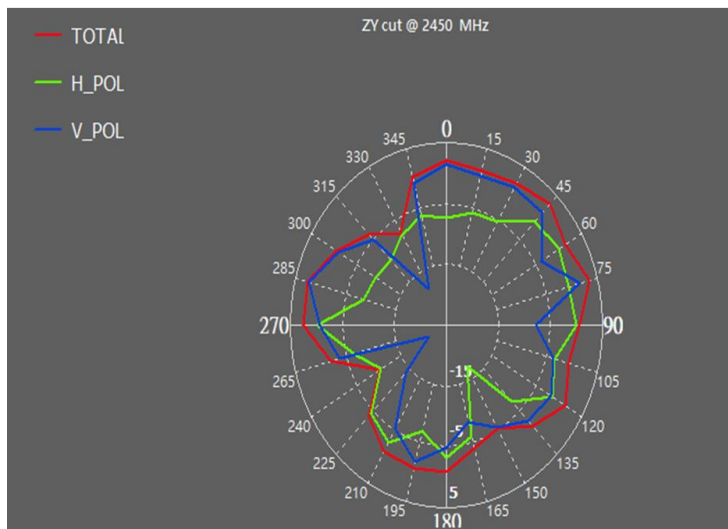
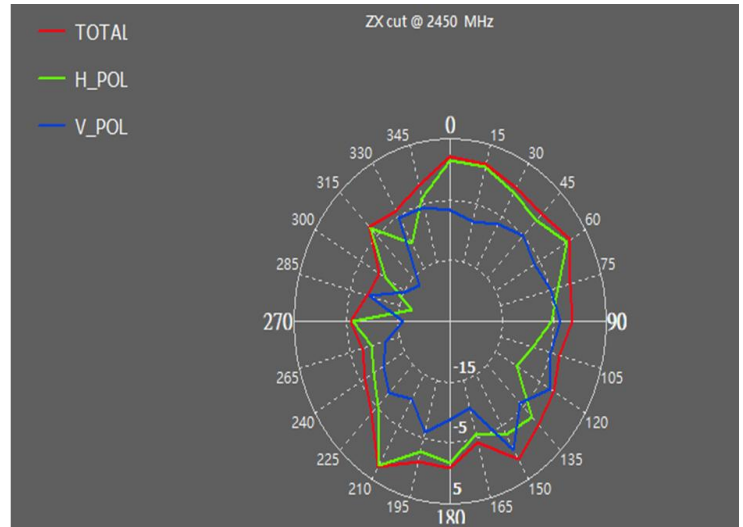
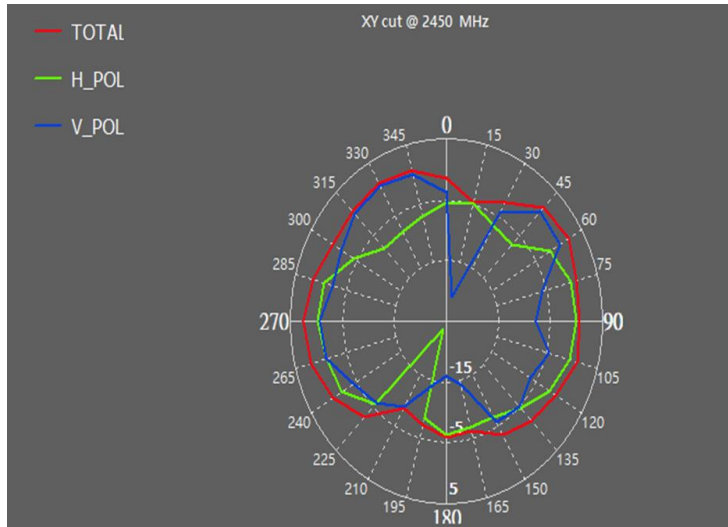
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CUSTOMER P/N: 117-0116-001

PULSE P/N: TZ2727W

CHARTS

Radiation Pattern of WIFI3(2450 MHz)



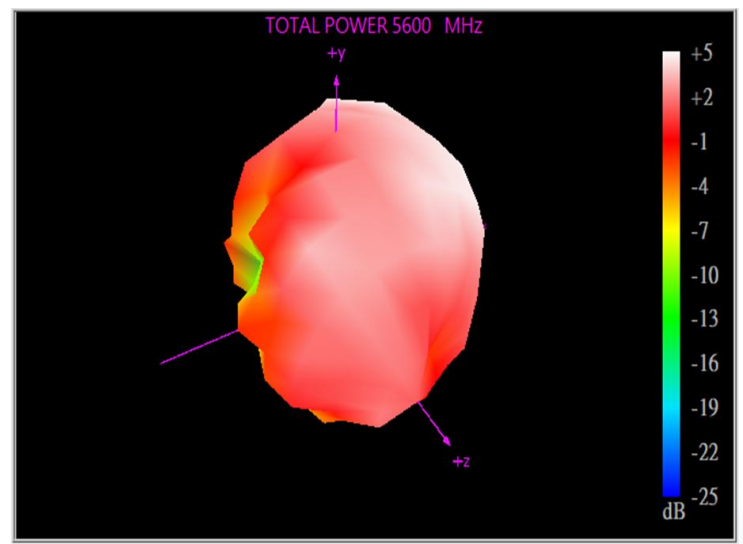
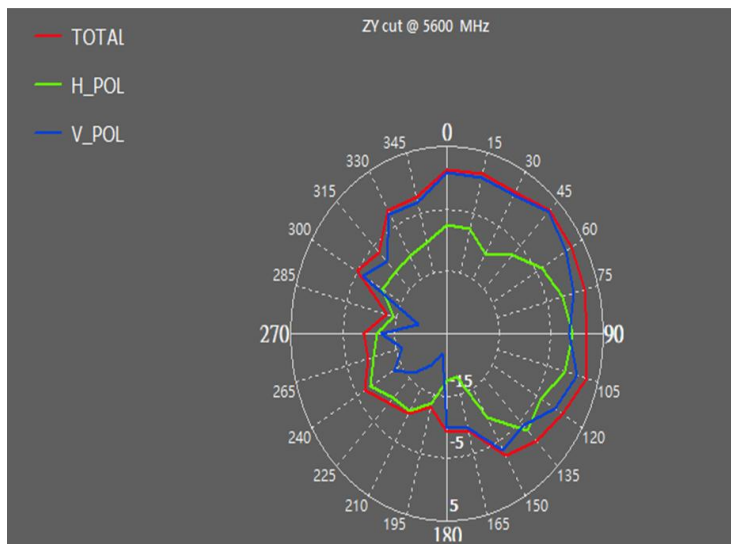
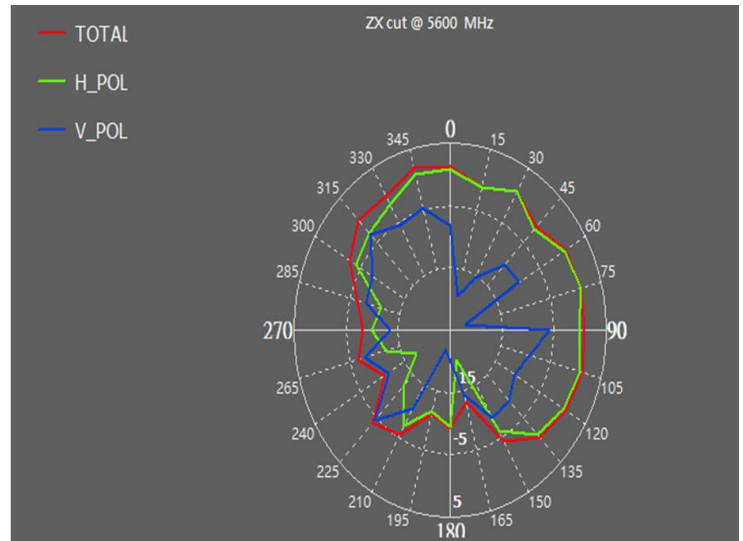
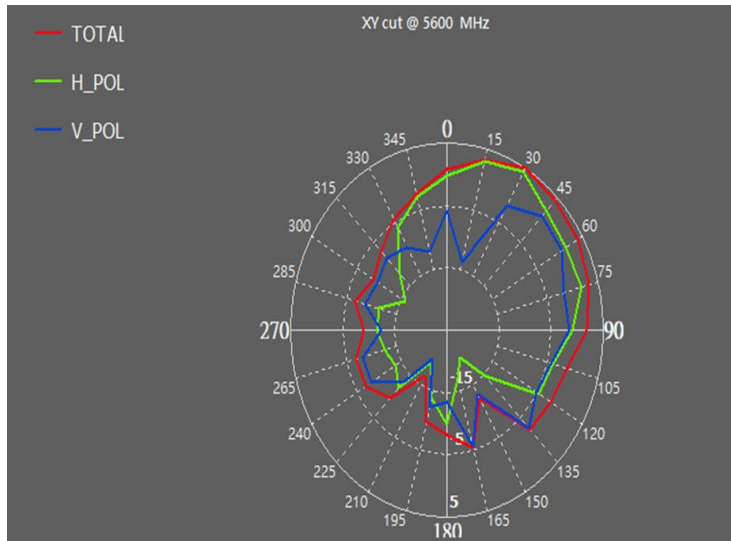
Series: SY AICAM

CUSTOMER P/N: 117-0116-001

PULSE P/N: TZ2727W

CHARTS

Radiation Pattern of WIFI3(5600 MHz)



Series: SY AICAM

CUSTOMER P/N: 117-0116-001

PULSE P/N: TZ2727W

CHARTS

Radiation Pattern of WIFI3(6525 MHz)

