

Specification For Approval

Customer: Testo SE & Co. KGaA

Part name: OPEN-2.4G FPC-Antenna-0.81-L90MM

Part No: 3.03.0112000100

Customer Part No: 0263 0003

Manufacturer recognition			
Sales	Drafters	check	Approver
	Chen yanghui	Zhang bin	Zhou xihua

Thank you for giving us the chance to approve samples. If you agree to pass it, please kindly send it back to us.

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Catalog

1. Product appearance.....3
2. Antenna performance parameters.....3
3. Darkroom test data.....3-5
4. Product dimension draw.....6

Modify record

Version	Date	Engineer	Remark
A0	2019.01.03	Chen yanghui	Create
A1	2019.08.17	Zheng shaojuan	Increase the requirement of UV glue on the drawing

1. Product appearance

Size	32.4*8.4MM	Fixed mode	Paste type
Weight	/	Connector	/
colour	black	Cable	0.81 (black) 90mm

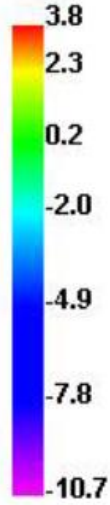
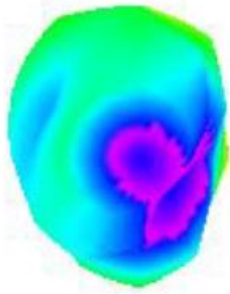
2. Antenna performance parameters

(Items)	(Specifications)	(unit)
Center Frequency (MHz)	2400-2500	MHz
Frequency bandwidth	≥ 10	MHz
Output impedance	50	Ω
V. S. W. R	≤ 2.0	---
Gain	≥ 1	dBi
Polarization mode	Vertical polarization	
Radiation direction	omnidirectional	
Maximum input power	5	W
working temperature	-20~+60	$^{\circ}\text{C}$
Storage temperature	-30~+70	$^{\circ}\text{C}$

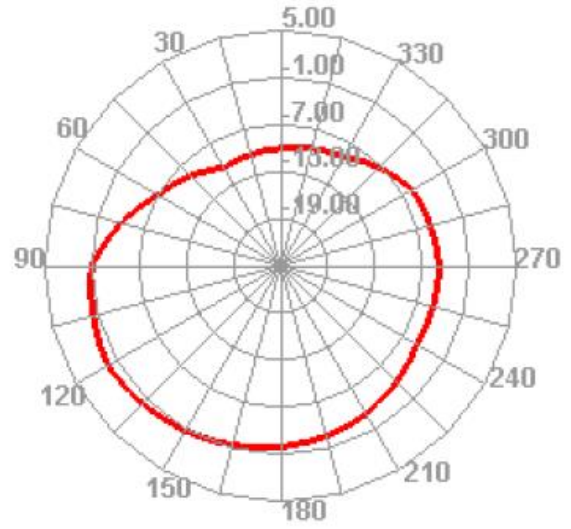
3. Darkroom test data

Passive Test For 2400-2500			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	66.73	-1.76	3.75
2410	62.89	-2.01	3.58
2420	61.62	-2.1	3.5
2430	61.67	-2.1	3.58
2440	57	-2.44	3.3
2450	56.29	-2.5	3.3
2460	58.09	-2.36	3.43
2470	59.95	-2.22	3.52
2480	56.83	-2.45	3.3
2490	54.37	-2.65	3.06
2500	56.57	-2.47	3.19

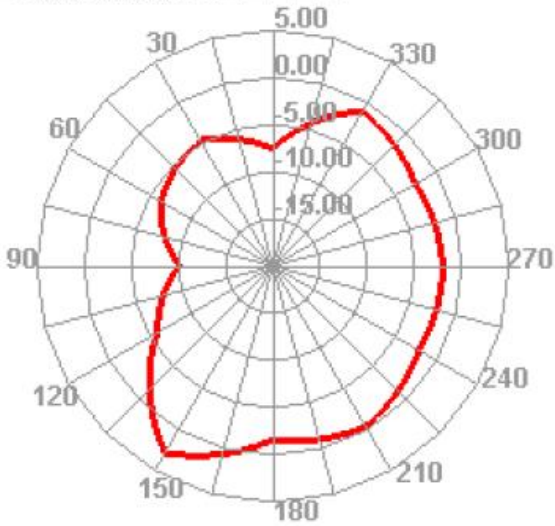
2400.000MHz



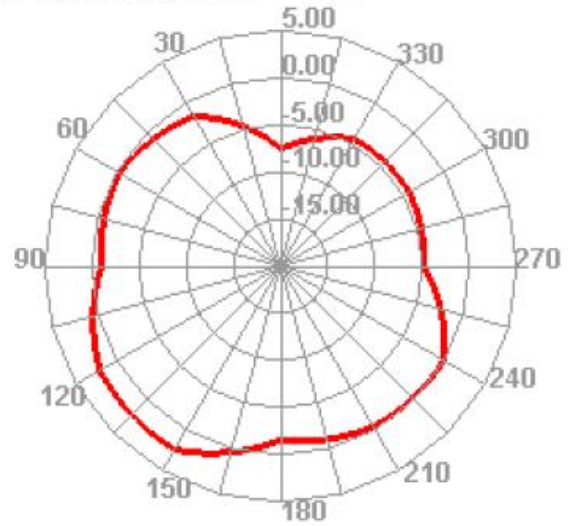
2400.000MHz H



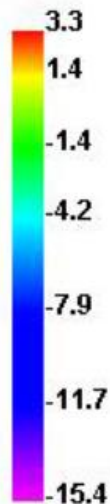
2400.000MHz E1



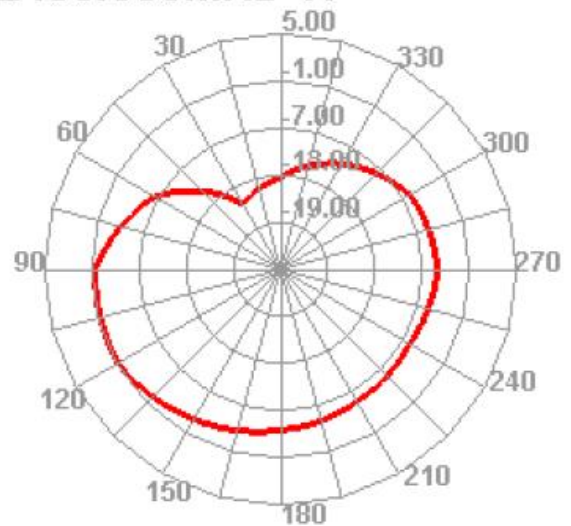
2400.000MHz E2



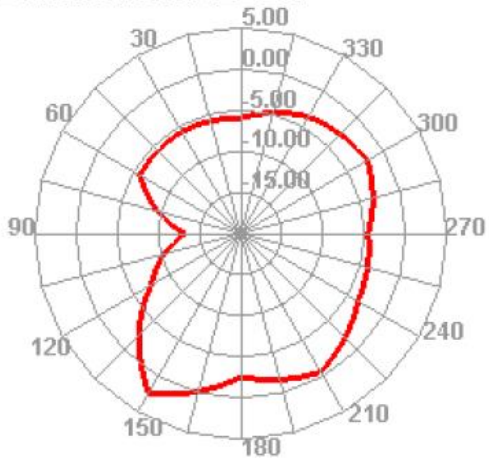
2450.000MHz



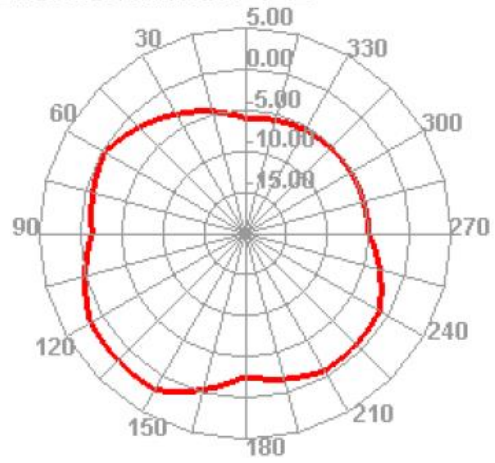
2450.000MHz H



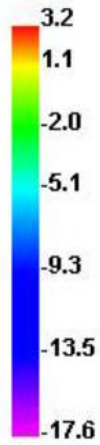
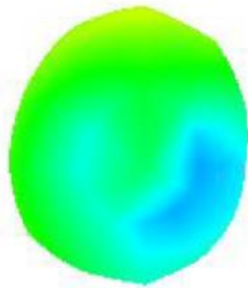
2450.000MHz E1



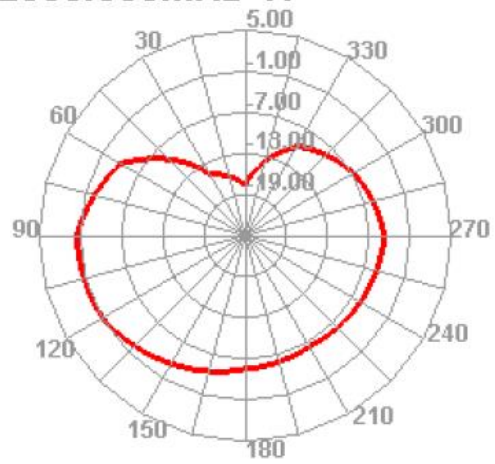
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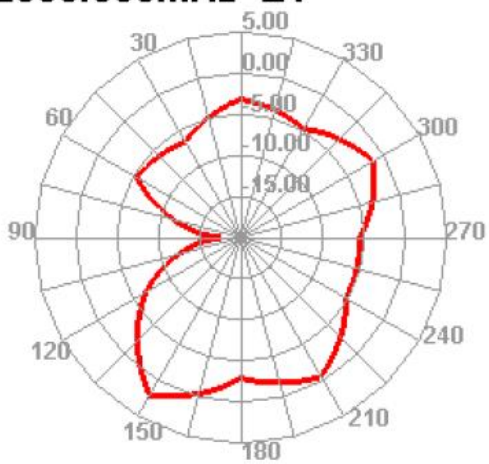
2500.000MHz



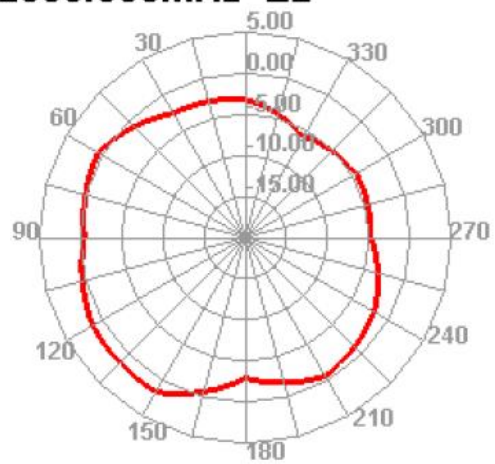
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



4. Product appearance

