

## Specification

86246

Delock WLAN antenna 802. a/b/g/n -4dBi PCB internal PCB

EAN: 4043619862467



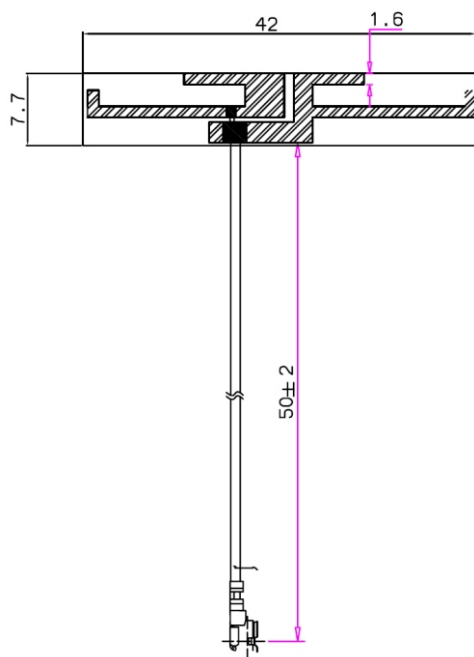
## Sample photos

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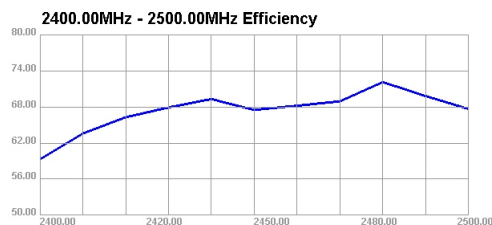
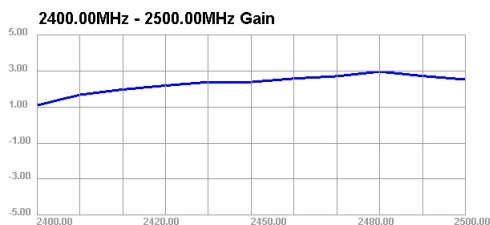


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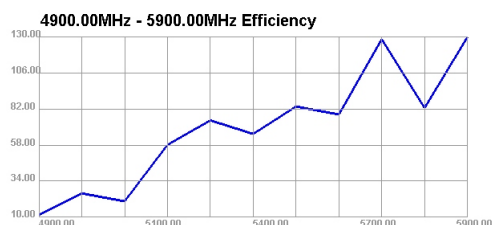
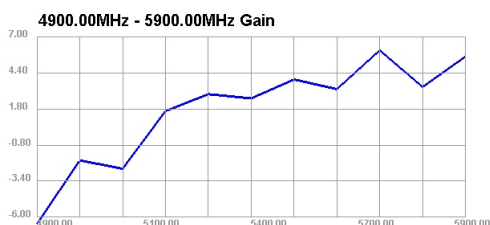
Passive test for 2.4 GHz								
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
2400	59,28	-2,27	1,09	-1,06	1,09	-11,27	47,87	48,11
2410	63,59	-1,97	1,67	-0,48	1,67	-11,42	48,17	48,33
2420	66,28	-1,79	1,97	-0,18	1,97	-11,60	48,47	48,47
2430	67,92	-1,68	2,19	0,04	2,19	-11,80	48,53	48,47
2440	69,31	-1,59	2,38	0,23	2,38	-12,11	48,44	48,36
2450	67,51	-1,71	2,38	0,23	2,38	-12,53	48,47	48,44
2460	68,21	-1,66	2,57	0,42	2,57	-12,75	48,47	48,51
2470	68,93	-1,62	2,70	0,55	2,70	-12,91	48,53	48,49
2480	72,13	-1,42	2,96	0,81	2,96	-12,79	48,49	48,47
2490	69,81	-1,56	2,72	0,57	2,72	-12,71	48,43	48,37
2500	67,67	-1,70	2,52	0,37	2,52	-12,40	48,37	48,33

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Passive test for 5 GHz								
Freq (MHz)	Effi (%%)	Effi (dB)	Gain (dBi)	Gain (dBd)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
4900	11,49	-9,40	-6,49	-8,64	-6,49	-22,18	62,21	63,19
5000	25,84	-5,88	-1,90	-4,05	-1,90	-17,53	62,12	62,76
5100	20,63	-6,85	-2,51	-4,66	-2,51	-25,10	60,90	61,58
5200	58,15	-2,35	1,65	-0,50	1,65	-14,91	62,11	62,06
5300	74,40	-1,28	2,87	0,72	2,87	-10,86	63,43	62,32
5400	65,37	-1,85	2,56	0,41	2,56	-13,07	62,83	62,00
5500	83,63	-0,78	3,92	1,77	3,92	-16,55	65,97	64,54
5600	78,31	-1,06	3,23	1,08	3,23	-14,16	66,75	66,37
5700	128,37	1,08	6,02	3,87	6,02	-11,28	70,10	69,89
5800	82,63	-0,83	3,39	1,24	3,39	-15,43	68,54	67,83
5900	129,81	1,13	5,57	3,42	5,57	-14,33	72,56	72,34

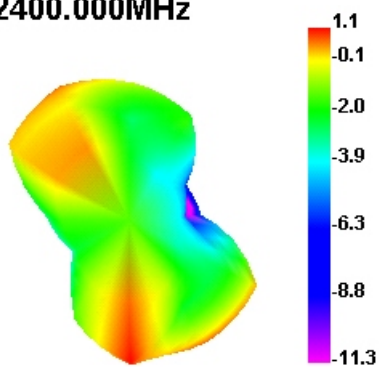
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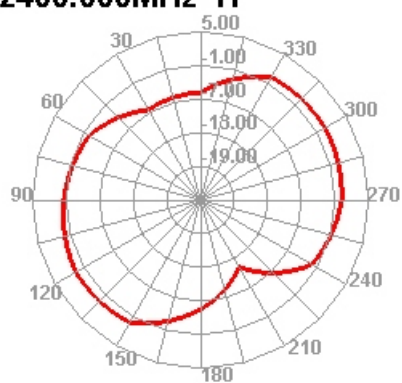
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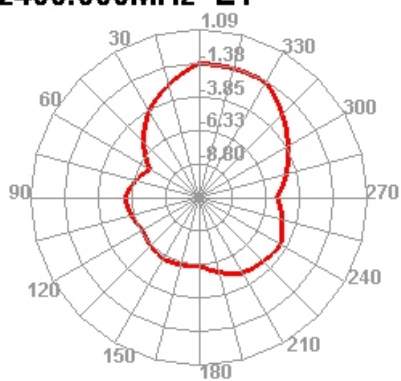
**2400.000MHz**



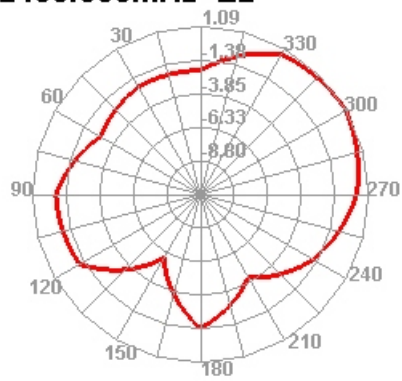
**2400.000MHz H**



**2400.000MHz E1**



**2400.000MHz E2**



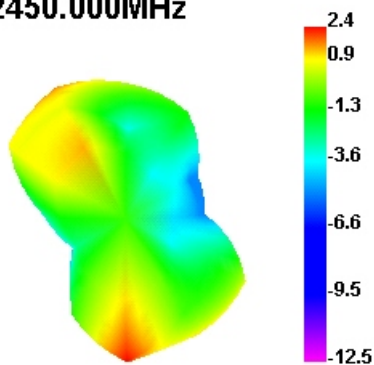
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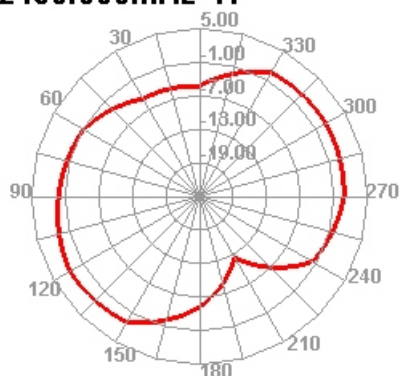
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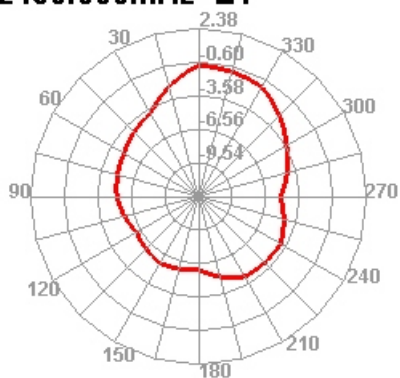
**2450.000MHz**



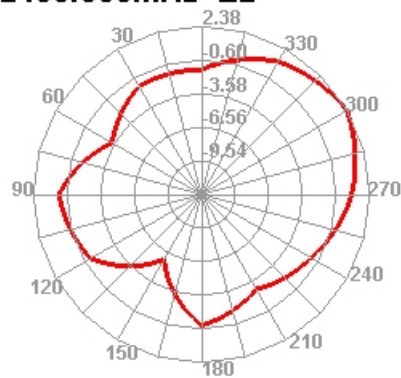
**2450.000MHz H**



**2450.000MHz E1**



**2450.000MHz E2**



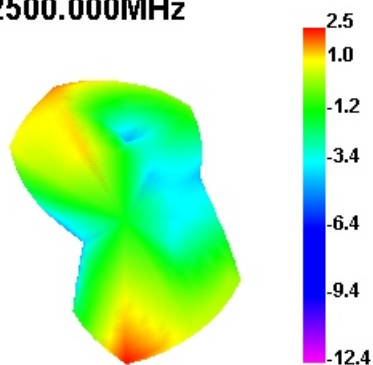
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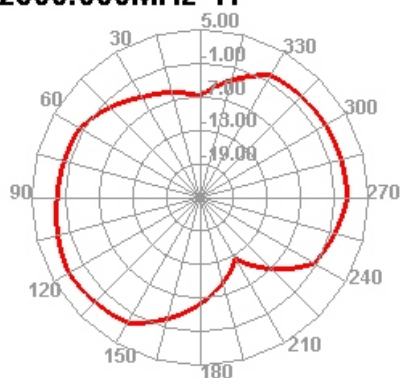
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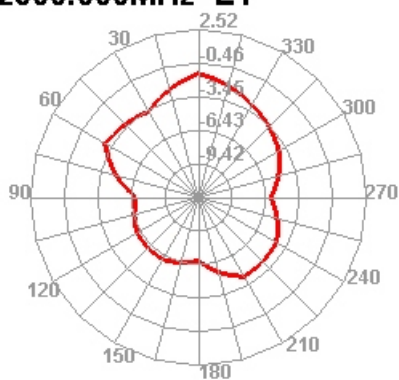
**2500.000MHz**



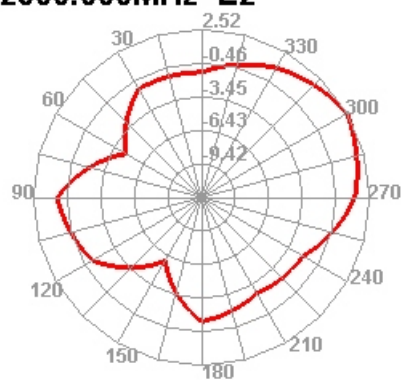
**2500.000MHz H**



**2500.000MHz E1**



**2500.000MHz E2**



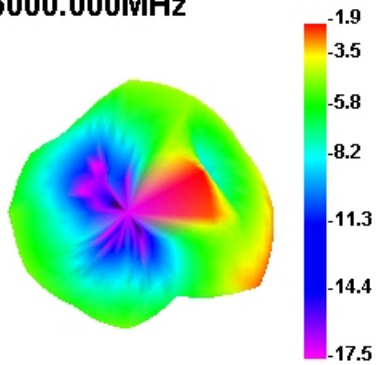
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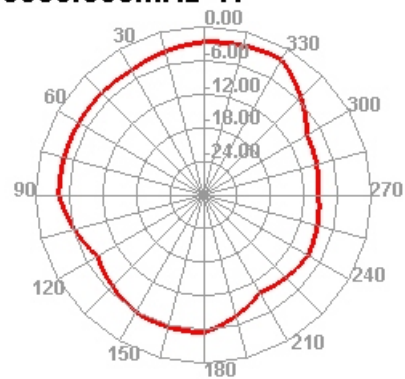
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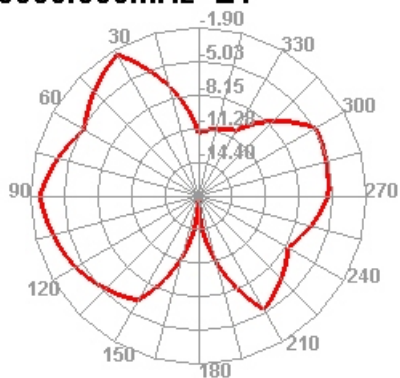
**5000.000MHz**



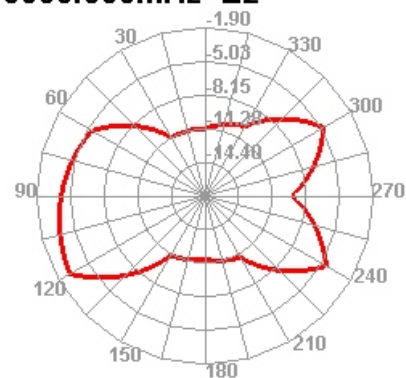
**5000.000MHz H**



**5000.000MHz E1**



**5000.000MHz E2**







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### **WEEE note**

The WEEE (Waste Electrical and Electronic Equipment) directive, which came into force on 13 February 2003, lead to a comprehensive change in the disposal of used electric products. It is the main purpose of this directive to avoid electric waste products (WEEE), while simultaneously promoting the re-usage, recycling and other forms of reconditioning in order to reduce the amount of waste. The WEEE logo on the product and the package shows that the product should not be disposed of with regular garbage. You are responsible for disposing all used electric and electronic devices at the corresponding collection sites. The separate collection and meaningful re-usage of electronic waste helps to deal with natural resources more economically. In addition, re-using electronic waste contributes to the preservation of the environment and human health. Additional information regarding the disposal of electric and electronic devices, their re-usage and the collection sites can be found at your local authorities, disposal companies, specialist shops and the manufacturer of the product.

### **RoHS conformity**

This product complies with the directive 2002/95/EC of the European parliament and the council from January 27th 2003 concerning the restricted use of dangerous substances in electrical and electronical devices (RoHS) as well as its modification. This product is compliant with Directive 2011/65/EU of 3 January 2013.

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### **Support Delock**

If you have further questions, please contact our customer support  
support@delock.de.

You can find current product information on our homepage: [www.delock.com](http://www.delock.com).

### **Final clause**

Information and data contained in this manual are subject to change without notice in advance. Errors and misprints excepted.

### **Copyright**

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