

DH14 Antenna Datasheet

Customer Name: Bang & Olufsen

Date: 2023-08-29

Doc. Version: 1.0

Designer: Simon Wu

Customer Name:	Bang & Olufsen
P/N	
品名	FPC Antenna

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1. Introduction

Part	DH14-Ant-R
Location	Earphone
Antenna Type	FPC

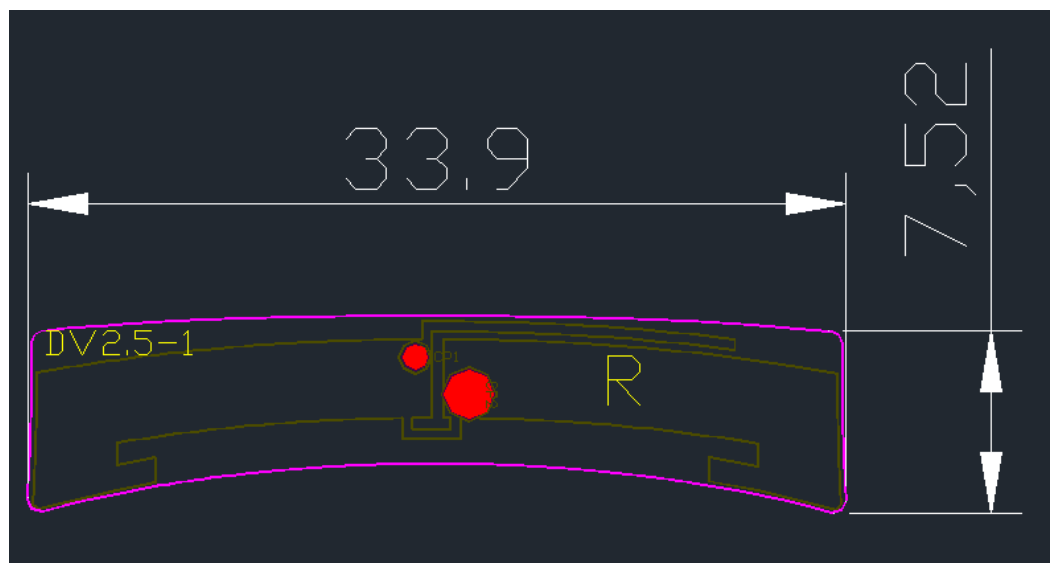
Part	DH14-Ant-L
Location	Earphone
Antenna Type	FPC

2. Revision History

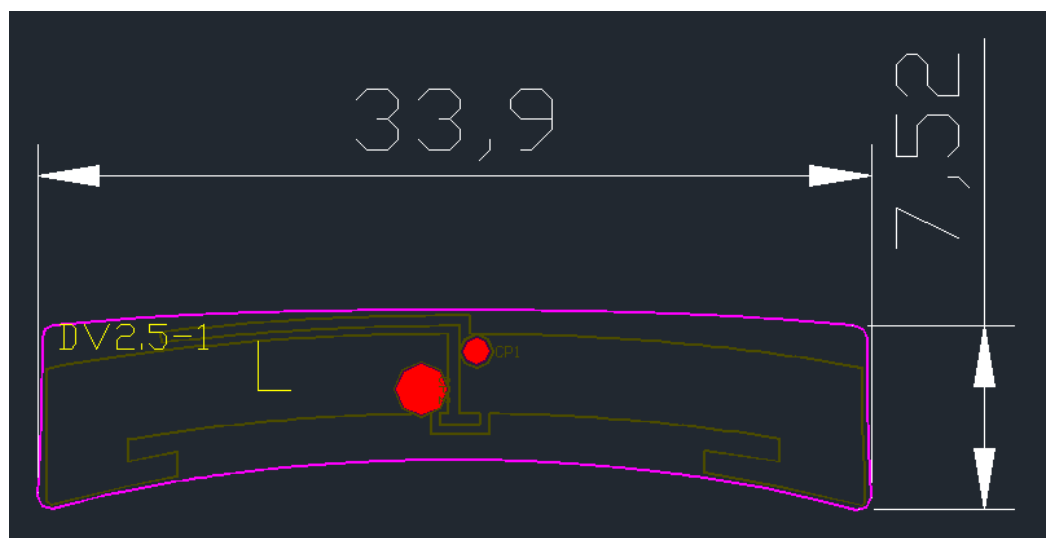
Date	Version	Revision History
2023-08-29	1.0	New Release

3. Antenna Drawings

3.1 DH14-Ant-R



3.2 DH14-Ant-L



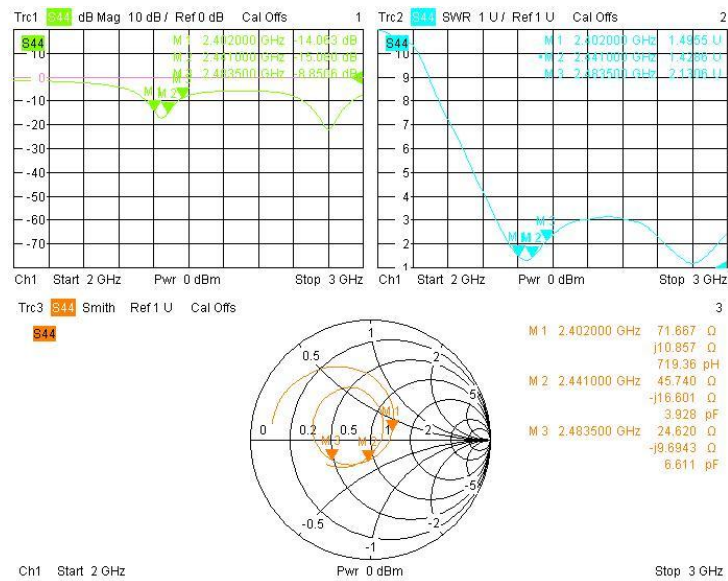
4. Matching circuit

Non used.

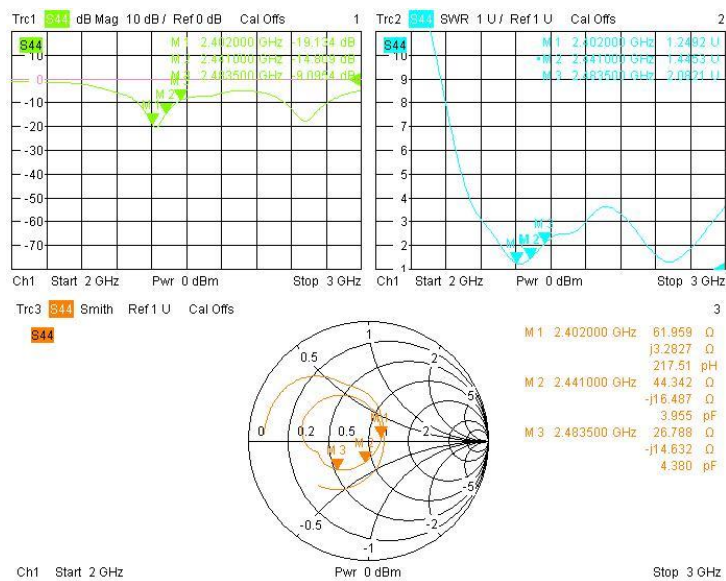
5. Antenna Performance

5.1 VSWR, Return Loss, Smith Chart

5.1.1 DH14-Ant-R



5.1.2 DH14-Ant-L



5.2 Antenna Gain and Efficiency

5.2.1 DH14-Ant-R

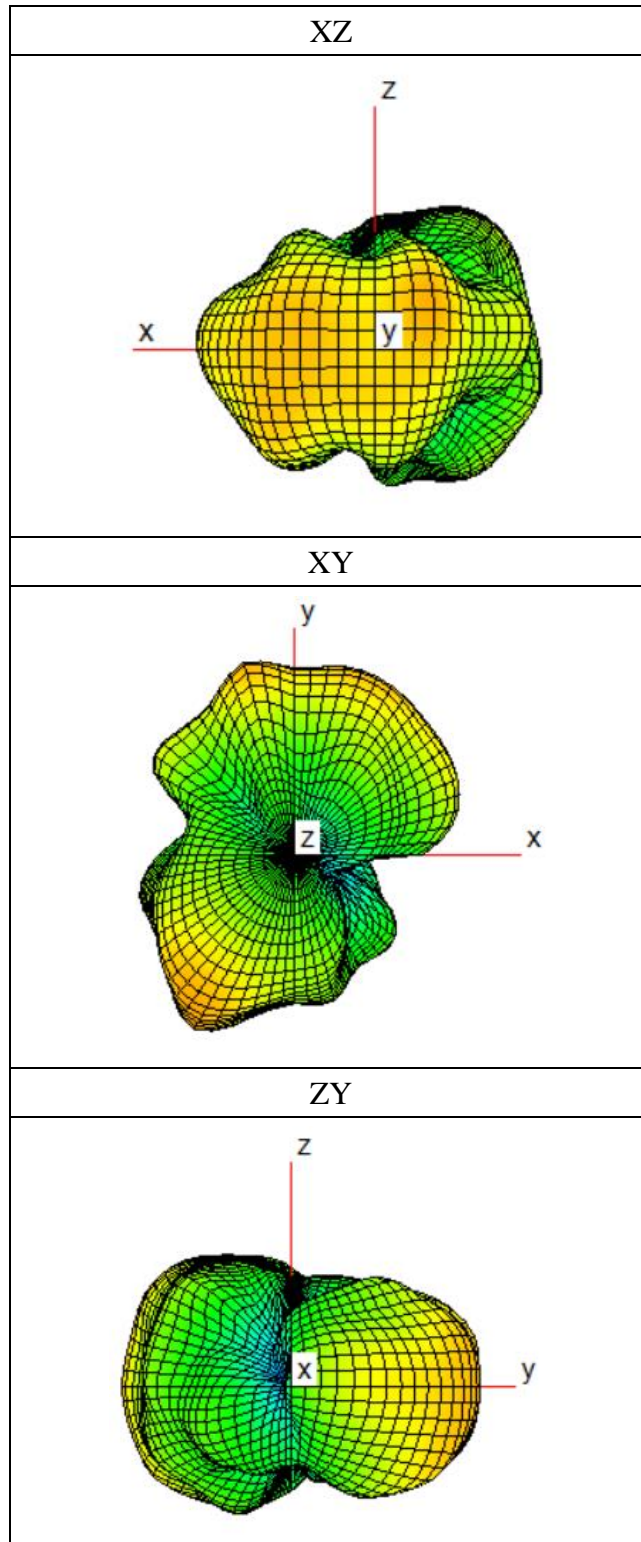
	2.402 GHz	2.441 GHz	2.4835 GHz
Gain (dBi)	0.95	0.97	0.35
Efficiency (%)	34.2	34.8	32.6

5.2.2 DH14-Ant-L

	2.402 GHz	2.441 GHz	2.4835 GHz
Gain (dBi)	0.83	0.79	1.06
Efficiency (%)	31.8	33.0	33.0

5.3 Antenna Radiation Pattern

5.3.1 DH14-Ant-R



5.3.2 DH14-Ant-L

