

2.2.2 Antenna efficiency and gain

Left ear antenna efficiency and				
	gain			
	Annual Control of the	workpiece catio (dB)	Gain(dBi)	
2400	24%	-6. 38	-2. 21	
2410	25%	-6. 38	-1. 95	
2420	26%	-6. 38	-1.80	
2430	28%	-6. 38	-1.71	
2440	27%	-6. 38	-1. 50	
2450	29%	-6. 38	-1. 33	
2460	28%	-6. 38	-1. 40	
2470	27%	-6. 38	-1. 6 5	
2480	25%	-6. 38	-1. 71	
2490	25%	-6. 38	-1.86	
2500	23%	-6. 38	-2.01	

Right ea		a efficie	ency and
	ga	ın	
frequency point (MHz)	workpiece ratio(%)	workpiece catio (dB)	Gain(dBi)
2400	23%	-6.38	-2. 01
2410	24%	-6.20	-2.21
2420	25%	-6.02	-1.88
2430	27%	-5.69	-1. 74
2440	29%	-5.38	-1. 46
2450	28%	-5.53	-1. 39
2460	28%	-5. 53	-1.37
2470	27%	-5. 69	-1.46
2480	25%	-6.02	- 1. 59
2490	24%	-6.20	-1. 98
2500	23%	-6.38	-2.21

2.2.3 Antenna OTA

free space	Channel	TRP (dBm)	TIS (dBm)
L	0	4. 95	-88. 45
	39	5. 32	-88. 32
	78	5. 15	-89. 01
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free space	Channel	TRP (dBm)	TIS (dBm)
	0	5. 12	-88. 65
R	39	4. 89	-89. 01
	78	4. 87	-89. 32

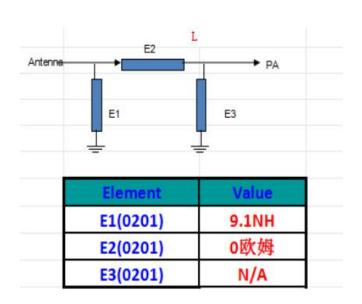
ear	Channel	TRP (dBm)	TIS (dBm)
L	0	-1. 78	-82. 14
	39	-1. 85	-82. 50
	78	-2. 01	-82.35

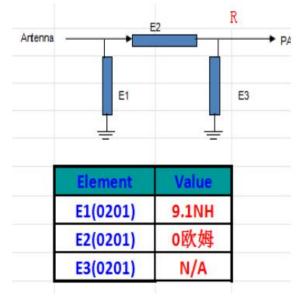
ear	Channel	TRP (dBm)	TIS (dBm)
	0	-1. 87	-82. 25
R	39	-1. 94	-82. 52
	78	-2. 14	-82. 60



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2.2.4 The left and right ears match the same, as shown below





2.2.5 Headset assembly precautions

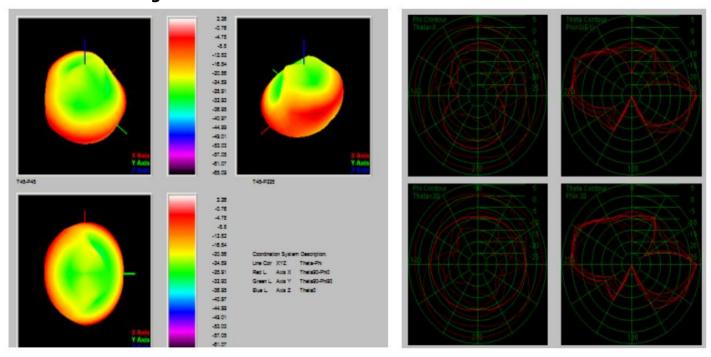


Speaker cable Battery cable twisted 3 turns, as shown in the figure (refer to project 2161B)

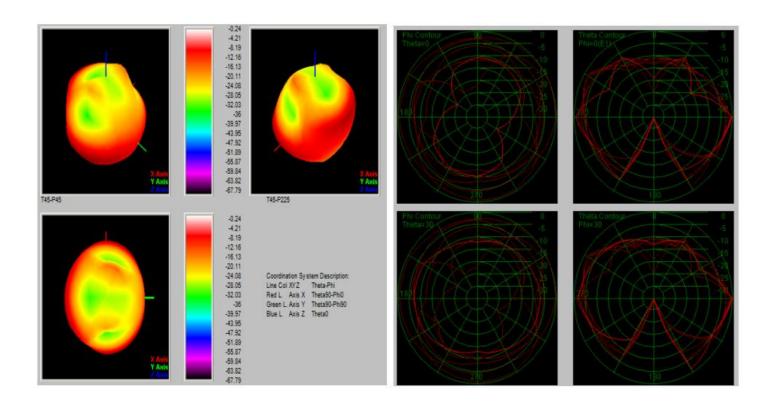


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2.2.6 Direction diagram -L



2.2.7 Direction diagram -R

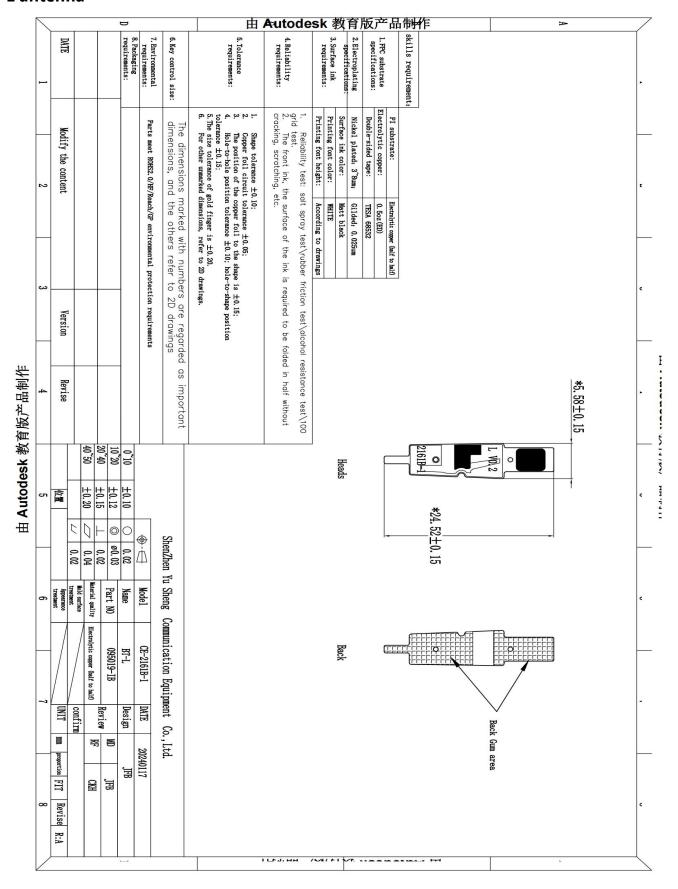




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3. Structural drawings

L antenna





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R antenna

