

2.2.2 Antenna efficiency and Gain

Left			
Frequency	Eff (%)	Eff (db)	Gain (dbi)
2400	24%	-6.21	-2.11
2410	25%	-6.01	-1.98
2420	25%	-6.02	-1.88
2430	27%	-5.69	-1.78
2440	26%	-5.81	-1.87
2450	28%	-5.52	-1.80
2460	27%	-5.63	-2.01
2470	25%	-6.02	-2.10
2480	24%	-6.21	-1.85
2490	25%	-6.02	-2.10
2500	24%	-6.21	-2.32
Average	25.4%	-5.93	-1.98

Right			
Frequency	Eff (%)	Eff (db)	Gain (dbi)
2400	23%	-6.38	-2.20
2410	24%	-6.21	-2.17
2420	25%	-6.02	-1.89
2430	26%	-5.81	-1.80
2440	27%	-5.69	-1.78
2450	28%	-5.53	-1.65
2460	26%	-5.85	-1.75
2470	26%	-5.85	-2.01
2480	24%	-6.20	-2.10
2490	23%	-6.38	-2.23
2500	23%	-6.38	-2.31
Average	25.0%	-5.49	-1.97

2.2.3 Antenna OTA

Free space	Channel	TRP (dBm)	TIS (dBm)
L	0	3.65	-88.69
	39	3.74	-88.74
	78	3.42	-87.92

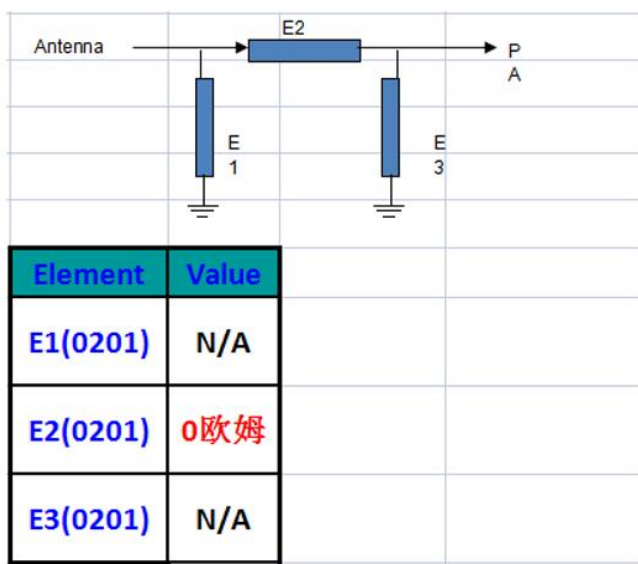
Free space	Channel	TRP (dBm)	TIS (dBm)
R	0	3.78	-88.69
	39	3.84	-89.10
	78	3.51	-88.47

Head Model	Channel	TRP (dBm)	TIS (dBm)
L	0	-2.35	-82.10
	39	-2.54	-82.41
	78	-2.65	-81.78

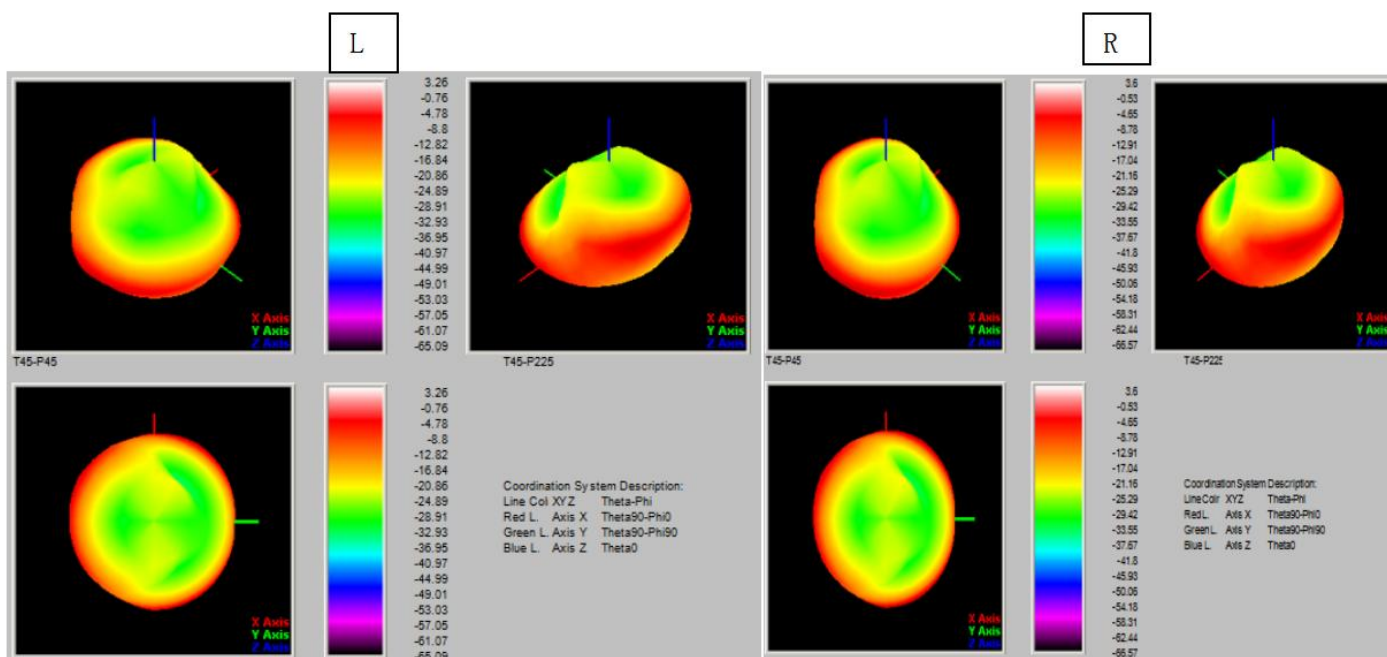
Head Model	Channel	TRP (dBm)	TIS (dBm)
R	0	-2.58	-82.21
	39	-2.85	-82.10
	78	-2.78	-82.36

2.2.4 Left and right ear matching

The left and right ears match equally, as shown below



2.2.5 3D Field-type diagram



3.1 Right headphone drawings

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