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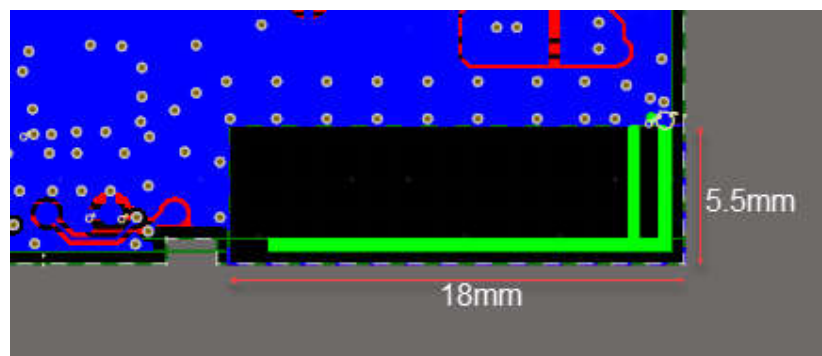
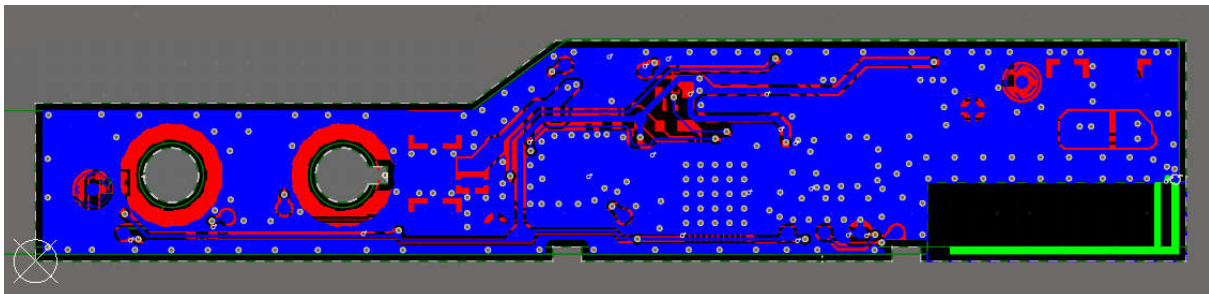
General Introduction

Design Company	Vesync Co., LTD
Manufacture company	Shenzhen H&T Intelligent Control Co., Ltd.
Manufacturing company location	No.18 Baoshan Road, Tianliao Community, Guangming District, Shenzhen, China
Model number	Bluetooth Charge Box TRP-V1.3P1.3SP4
Size	5.5mm*18mm

1. Requirement

Category	PCB antenna
Freq	2400-2500MHz
VSWR	<2
Gain	>0dBi
Resistance	50Ohm
Efficiency	>30%
Material	PCB (FR4+Cuprum)

2. Test report:



Item	1	2	3	4	5	6	7	8	9	10	11
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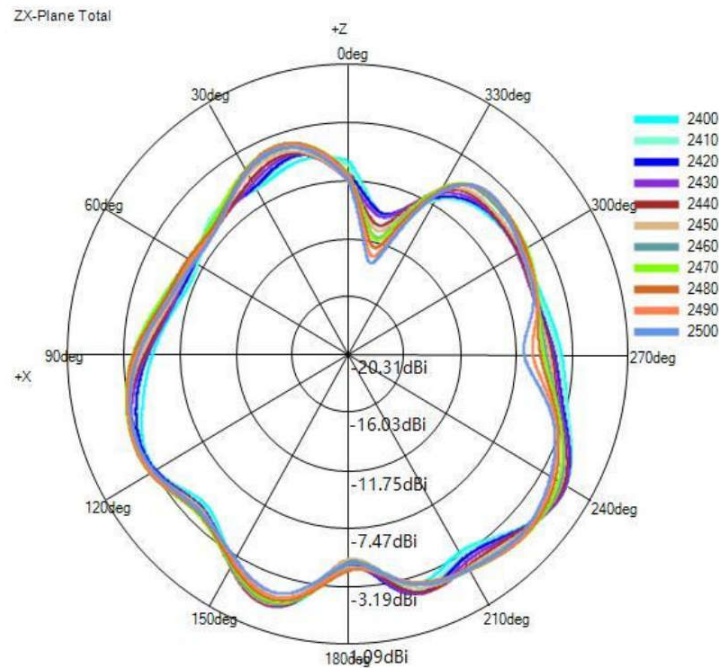
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Fre/MHz	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
PeakGain/dBi	1.09	1.07	0.96	1	0.95	0.81	0.73	0.69	0.5	0.35	0.12
Efficiency/%	38.32	39.03	39	39.63	39.79	39.49	40.01	40.24	38.54	36.68	34.7

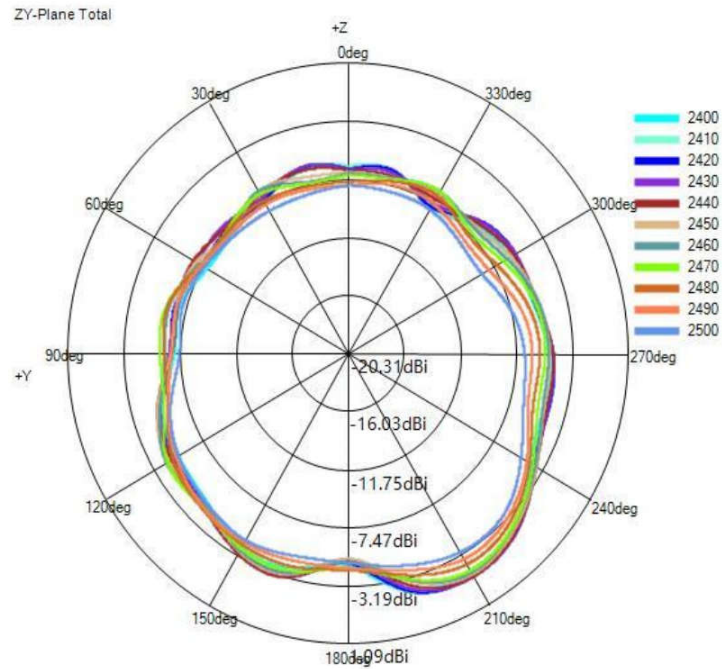
PeakGain: 1.09dBi

3. OTA test report:

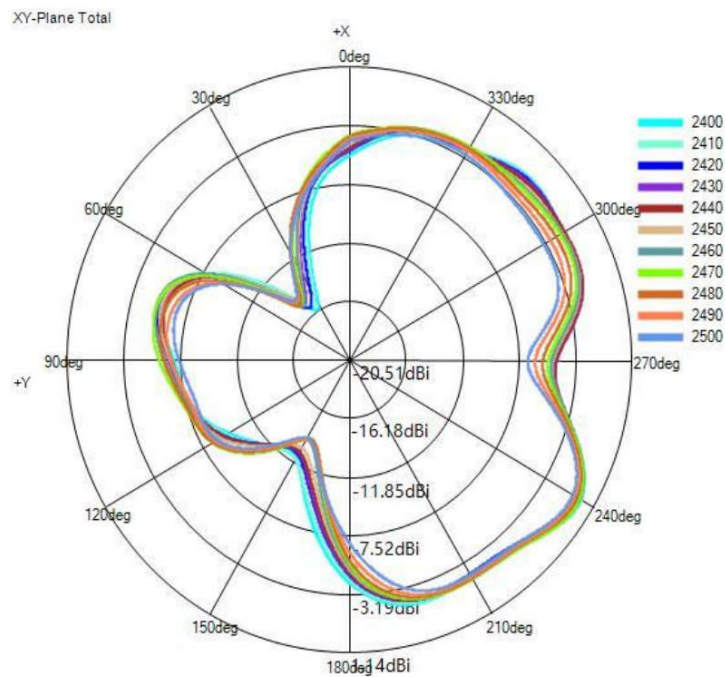
(1) X-Z 面(单位: dBi):



(2) Y-Z 面(单位: dBi):



(3) X-Y 面(单位: dBi):



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(4) 2.4GHz 的 3D 方向图(单位: dBi):

