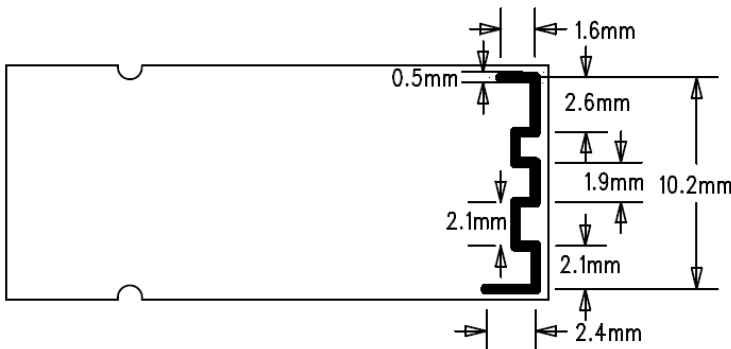


Xiamen Claritone Technology Co. Ltd

BT560 Bluetooth Dongle PCB Antenna Specification

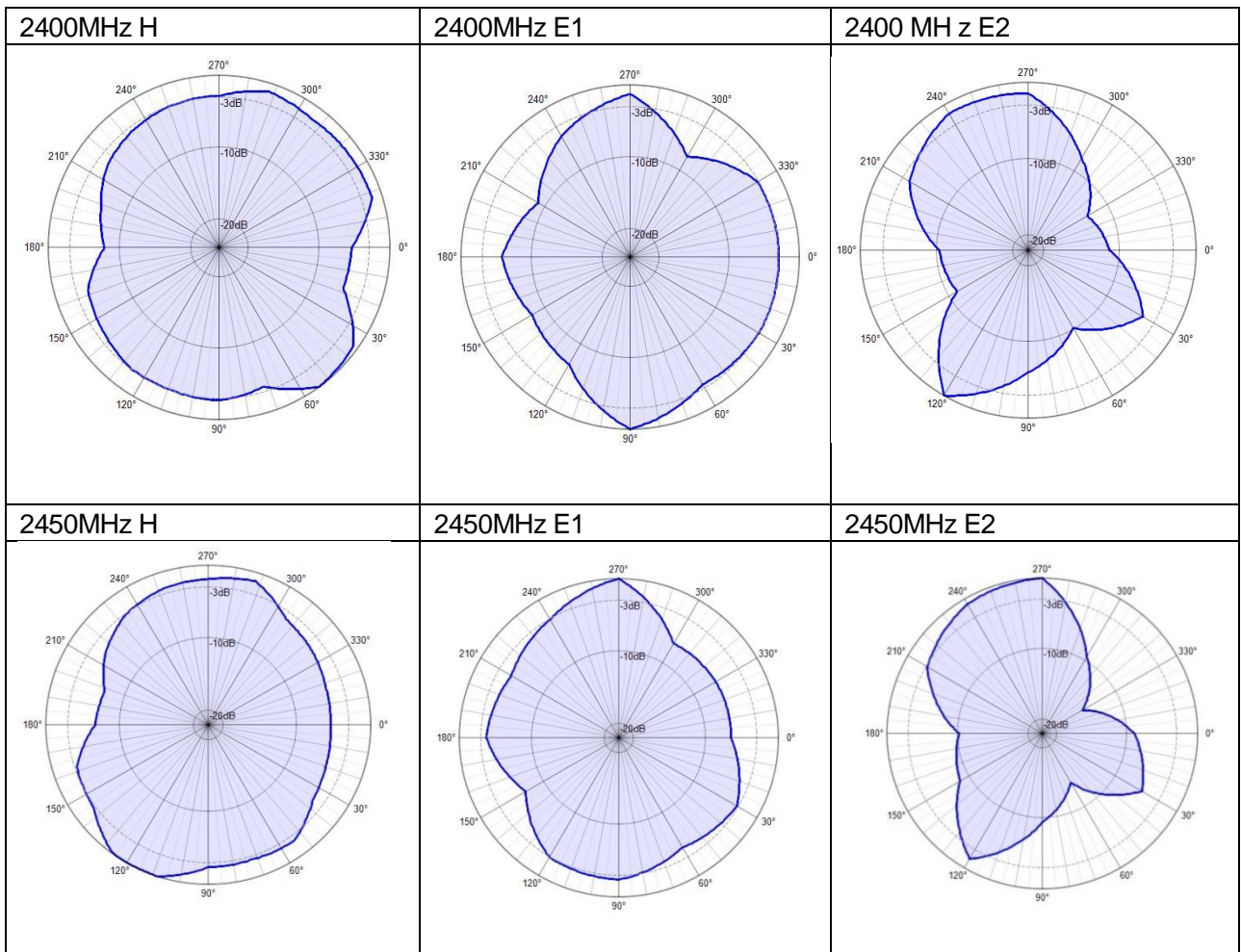
Doc. No.	39-00062	Version :	Rev A																																				
Date	2022/8/22																																						
Antenna Model No.:	BT560																																						
Antenna Type	PCB foil antenna																																						
Size	 <p style="text-align: center;">Width 0.5mm, overall length 19.5mm</p>																																						
PCB material	FR-4, thickness 0.8mm																																						
Center frequency	2450MHz																																						
bandwidth	100MHz(Min.)																																						
Return Loss	-10dB(Max)																																						
Peak Gain:	3.0dBi																																						
Impedance	50 Ohm																																						
Polarization	Linear																																						
Azimuth Beamwidth	Omni-directional																																						
Termination	Cu/Sn (Leadless)																																						
Working temperature	-40 ~ +110 °C																																						
Soldering	10 sec. @260°C																																						
Manufacturer	Xiamen Claritone Technology Co. Ltd																																						
Address:	Room 421, Meiren Plaza, No. 189 Xiahe Road, Xiamen, Fujian, China																																						
Passive efficiency	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 25%;">Freq.(MHz)</th> <th style="width: 25%;">Peak Gain(dBi)</th> <th style="width: 25%;">Efficiency(%)</th> </tr> </thead> <tbody> <tr><td>2400</td><td>2.30</td><td>41.6</td></tr> <tr><td>2410</td><td>2.46</td><td>42.1</td></tr> <tr><td>2420</td><td>2.64</td><td>42.4</td></tr> <tr><td>2430</td><td>2.70</td><td>43.2</td></tr> <tr><td>2440</td><td>2.81</td><td>45.6</td></tr> <tr><td>2450</td><td>3.0</td><td>46.35</td></tr> <tr><td>2460</td><td>2.83</td><td>45.2</td></tr> <tr><td>2470</td><td>2.62</td><td>44.7</td></tr> <tr><td>2480</td><td>2.45</td><td>42.3</td></tr> <tr><td>2490</td><td>2.33</td><td>41.6</td></tr> <tr><td>2500</td><td>2.12</td><td>40.8</td></tr> </tbody> </table>			Freq.(MHz)	Peak Gain(dBi)	Efficiency(%)	2400	2.30	41.6	2410	2.46	42.1	2420	2.64	42.4	2430	2.70	43.2	2440	2.81	45.6	2450	3.0	46.35	2460	2.83	45.2	2470	2.62	44.7	2480	2.45	42.3	2490	2.33	41.6	2500	2.12	40.8
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Issue	Zhang Ruizhi	date :	2022/8/15																																				
Check	Chen Xinzong	date :	2022/8/20																																				
Approve:	Wang Dong	date :	2022/8/22																																				

Xiamen Claritone Technology Co. Ltd

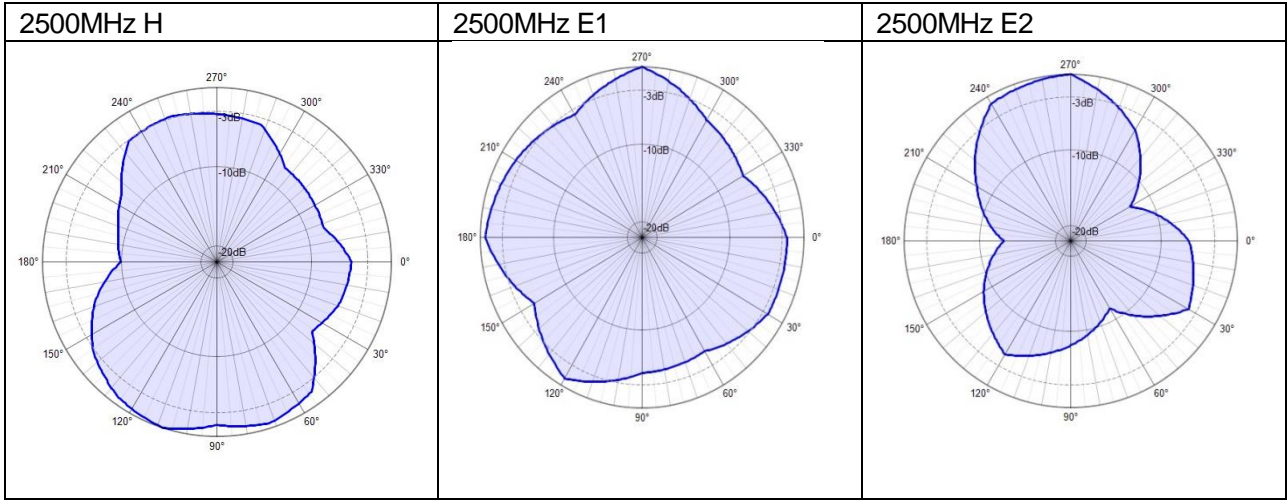
Passive Test For Antenna:

Freq.(MHz)	Peak Gain(dBi)	Efficiency(%)
2400	2.30	41.6
2410	2.46	42.1
2420	2.64	42.4
2430	2.70	43.2
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2460	2.83	45.2
2470	2.62	44.7
2480	2.45	42.3
2490	2.33	41.6
2500	2.12	40.8

Radiation Pattern:



Xiamen Claritone Technology Co. Ltd



Test:	Zhang Zhenrong	date:	2022/7/19
Approve:	Wang Dong	date:	2022/7/25