

Room 201, Building 4, Xiangyuer Cosmetics Longgang Factory Area, No. 8 Longsheng Road, Longgang Community, Longgang Subdistrict, Longgang District, Shenzhen City

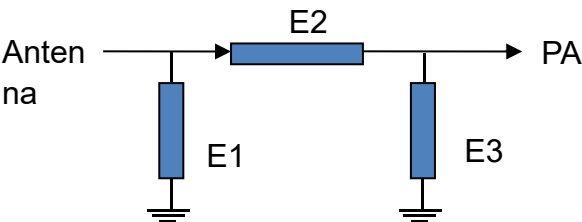
MS11901 Antenna commissioning report

Data: 2025/2/25

antenna	frequency range	material quality	performance requirement
BT	2400-2480MHz		

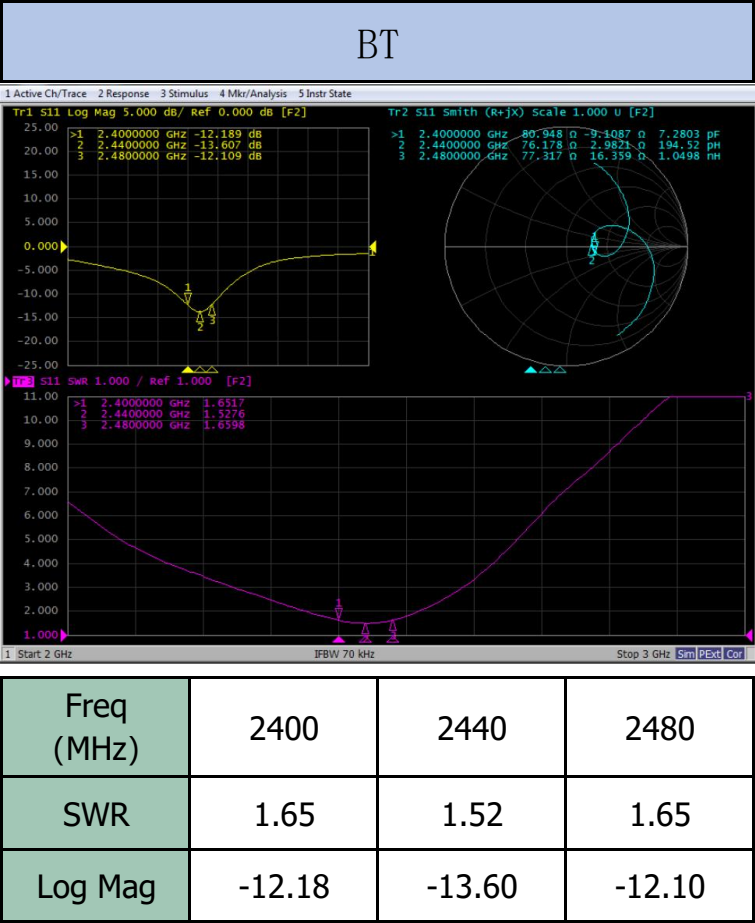
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Antenna end matching circuit:



BT	
Element	
E1(0402)	
E2(0402)	
E3(0402)	

Antenna passive S11 parameter test:

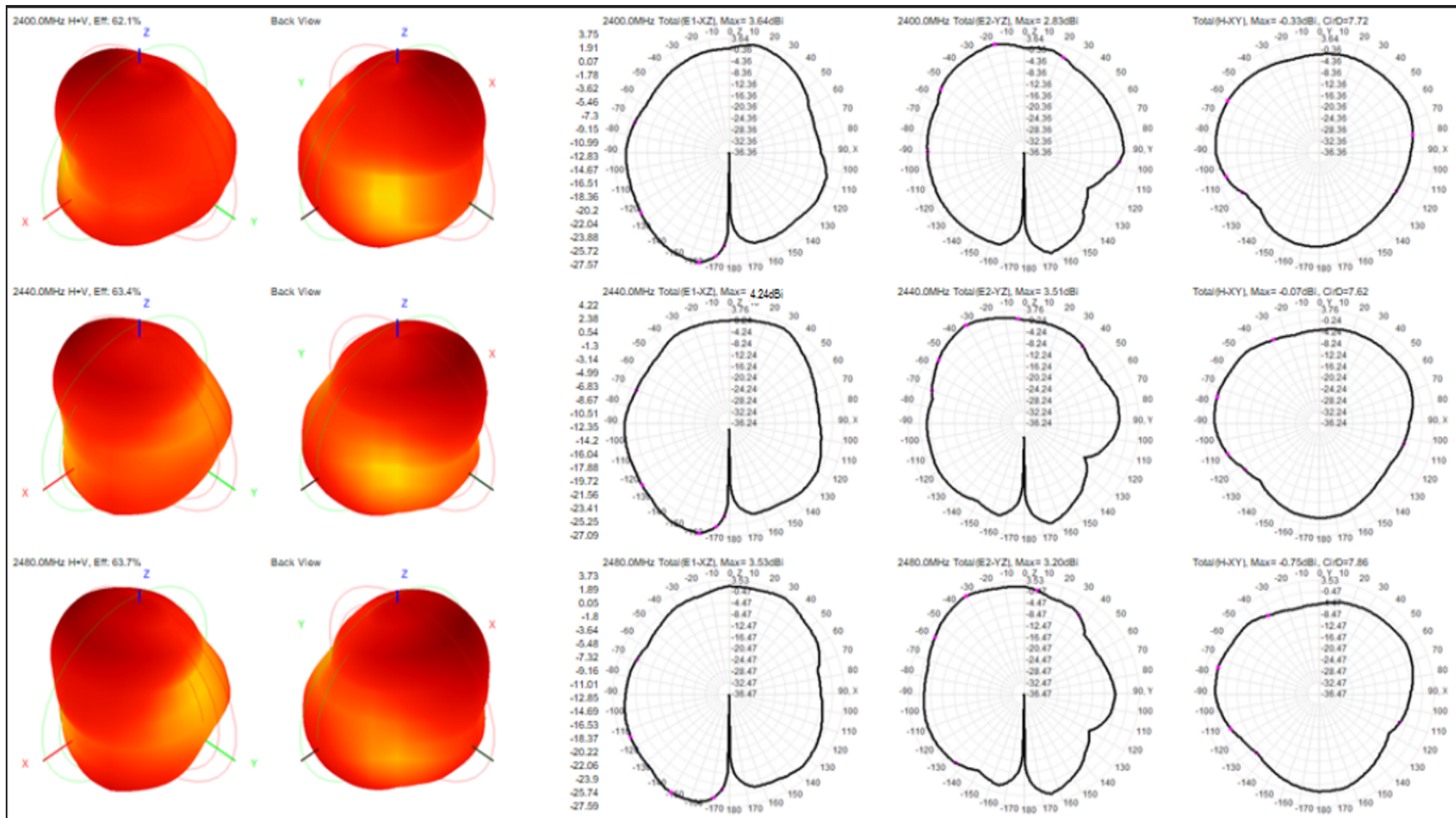


Antenna passive efficiency and gain test:

BT		
Frequency (MHz)	Gain (dBi)	Efficiency (%)
2400	3.75	62.10
2410	3.83	63.55
2420	3.75	62.15
2430	4.16	63.08
2440	4.22	63.43
2450	4.09	63.70
2460	4.24	64.37
2470	4.19	64.41
2480	3.73	63.65
2490	3.66	64.63
2500	3.76	65.58

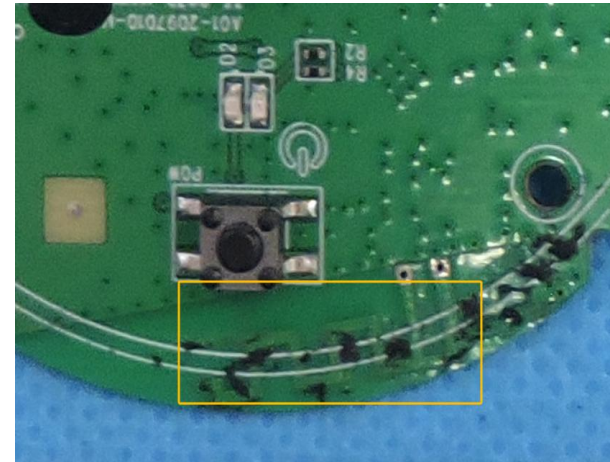
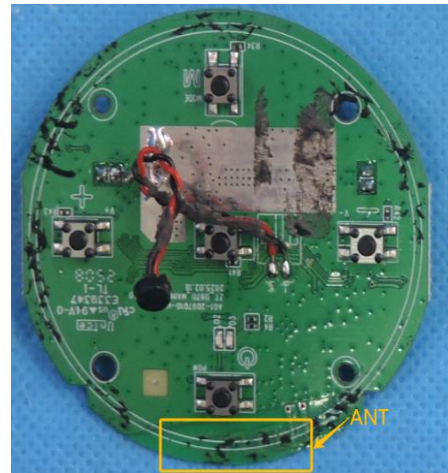
Antenna passive radiation direction diagram:

BT



Antenna OTA test:

BT



Dimension drawing:

