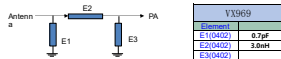


Ant	Freq.	Material	Performance Requirements
BT	2400-2480MHz	PCB Antenna	

Antenna end matching circuit:



VX969	
Element	
E1(0402)	0.7pF
E2(0402)	3.0nH
E3(0402)	

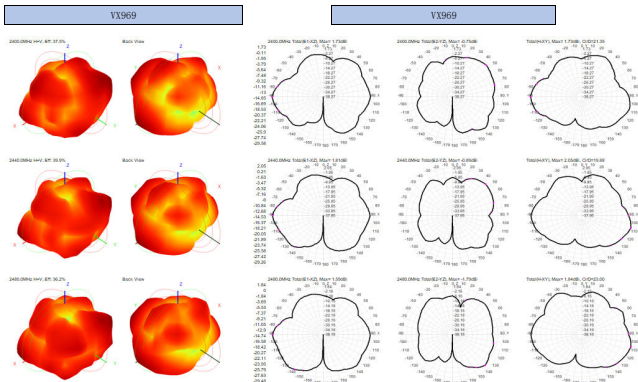
Antenna passive S11 parameter test:



Antenna passive efficiency and gain testing:

VX969		
Frequency (MHz)	Gain (dB)	Efficiency (%)
2400	1.73	37.48
2410	1.60	36.71
2420	1.64	37.28
2430	1.73	38.35
2440	2.05	39.85
2450	2.28	41.59
2460	2.31	38.33
2470	2.09	37.26
2480	1.84	36.21
2490	1.59	35.41
2500	1.46	34.94

Antenna passive radiation direction diagram:



Antenna Pictures:

