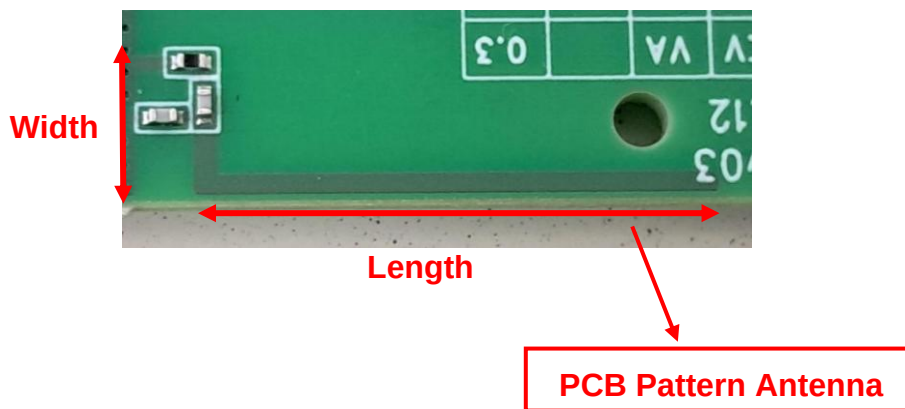


Antenna Information

Item	Contents
Antenna Type	PCB Pattern Antenna
Antenna peak gain	4.22 dBi
Manufacturer / Model name	ST SUNLAB Ltd. / ST6952 BLE Antenna Rev03
Address of manufacturer	A-906, Great-valley, 32, 9-Gil, Digital-Ro, Geumcheon-Gu, Seoul, Korea, 08512
Test Laboratory	STARTELLABS Co., Ltd
Antenna Length	1.8 cm
Antenna Width	0.4 cm

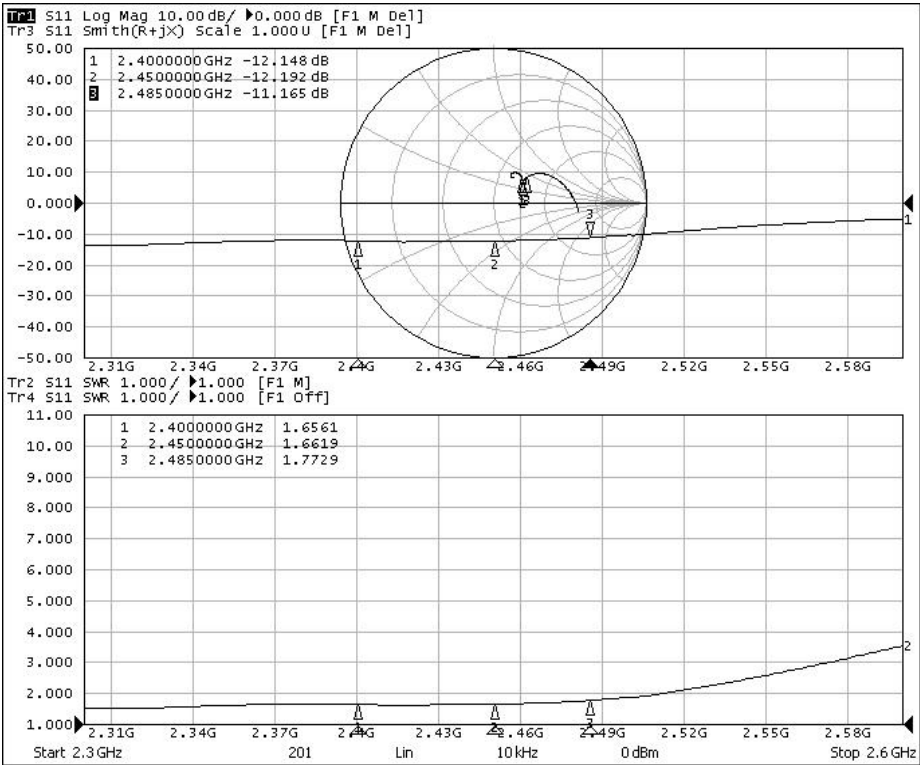


Model name: ST6952

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Model	Type	Rev.	Startellabs	IR
ST6952 BLE	PCB PATTERN		ST SUNLAB	IR

2.2.1 Electrical Spec. of Set (With VSWR)



2.2.2 Passive Gain & 3D Pattern

Frequency[MHz]	Peak Gain[dBi]	Efficiency[dBi]	Efficiency[%]
2400	3.54	-3.07	49.4
2420	3.82	-2.89	51.4
2440	4.22	-2.47	56.6
2460	3.83	-2.98	50.4
2480	2.97	-3.81	41.6

3D Radiation Pattern			
	XY	XZ	YZ
BLE			