

Antenna Specificaiton

Manufacturer: Moca System Inc.

Model Name: AE-M

Product Name: AE-M-BLE ANT

page2 ----- Spec

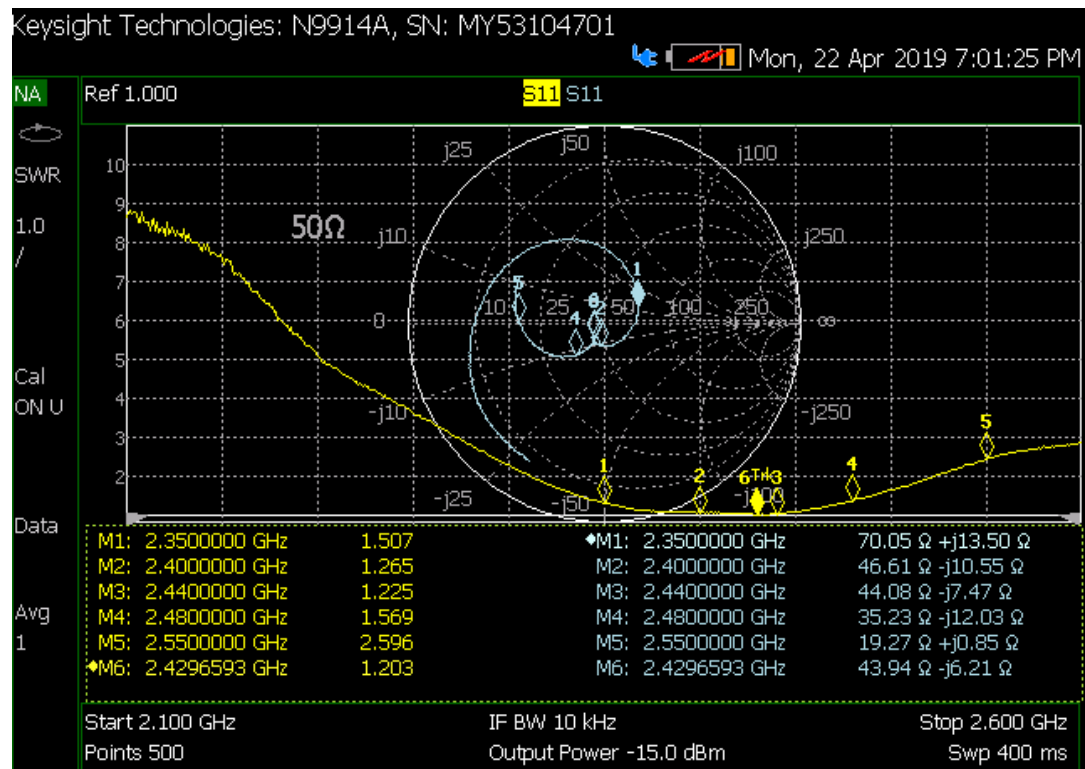
page3----- Radiation

page4 ----- drawings and photos

Spec

Band	2.4GHz ISM
Frequency	2.4~2.483GHz
VSWR	≤ 1.7
Peak Gain	0.99~1.72 dBi
Avg Gain	-3.21 ~ -2.64 dBi
Directivity	Directional
Polarization	Linear
Impedance	50 Ohms
TYPE	PCB(FR4) type PIFA

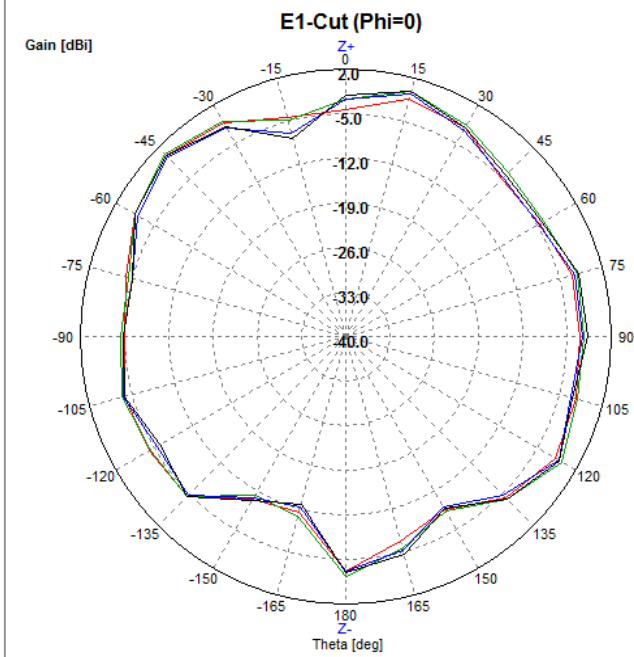
VSWR



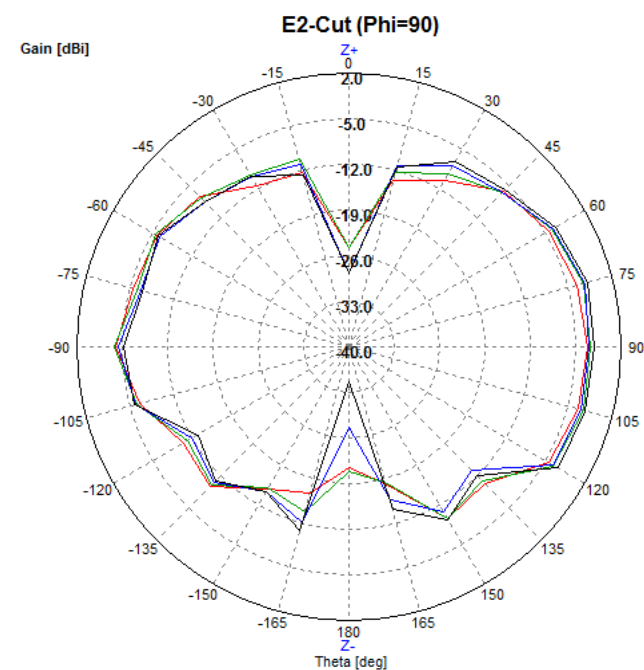
Radiation

No	Frequency	Peak Value		Minimum Value		Avg. Gain	Efficiency
	[GHz]	Value[dBi]	Degree	Value[dBi]	Degree	[dBi]	[%]
1	2.4	0.99	75/75	-14.51	90	-3.11	48.82
2	2.45	1.72	75/75	-15.43	60	-2.64	54.4
3	2.483	1.25	75/75	-16.68	60	-3.21	47.74
4	2.5	1.59	75/75	-18.5	60	-2.98	50.38
5							

Pattern

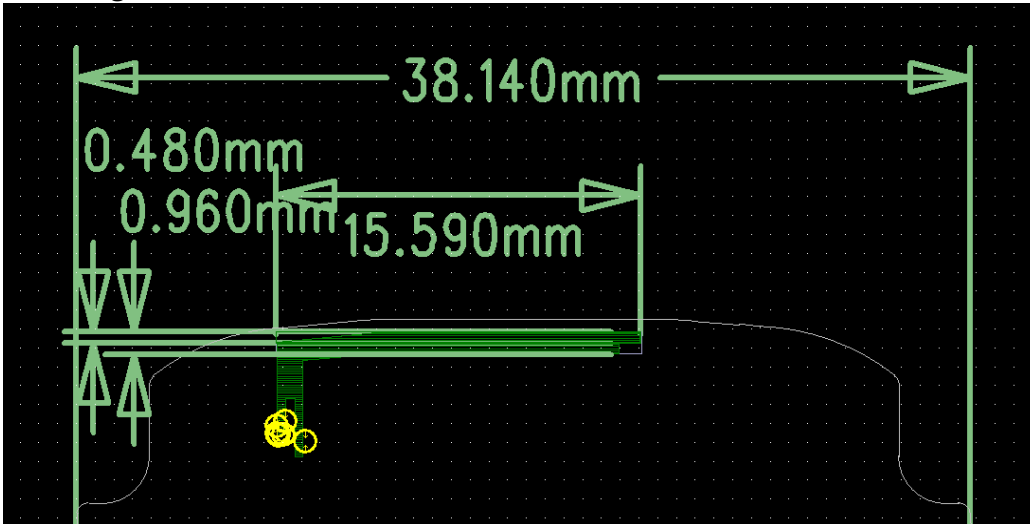


▲ Side View(left), ▼ Top View front at -90



BLE Antenna (AE-M-BLE ANT)

Drawing



Pictures

