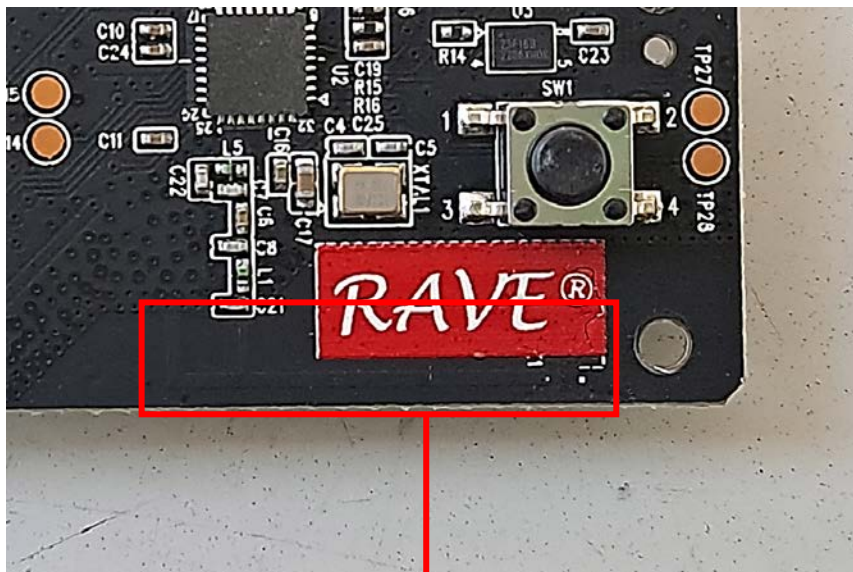


Antenna Information

Item	Contents
Antenna Type	PCB Pattern Antenna
Antenna peak gain	2.76 dB i
Manufacturer / Address	RadiAnt / 92,Jomaru-ro 385, Bucheon-si Gyeonggi-do, South Korea
Model name	None
Antenna Width	0.3 cm
Antenna Length	2cm



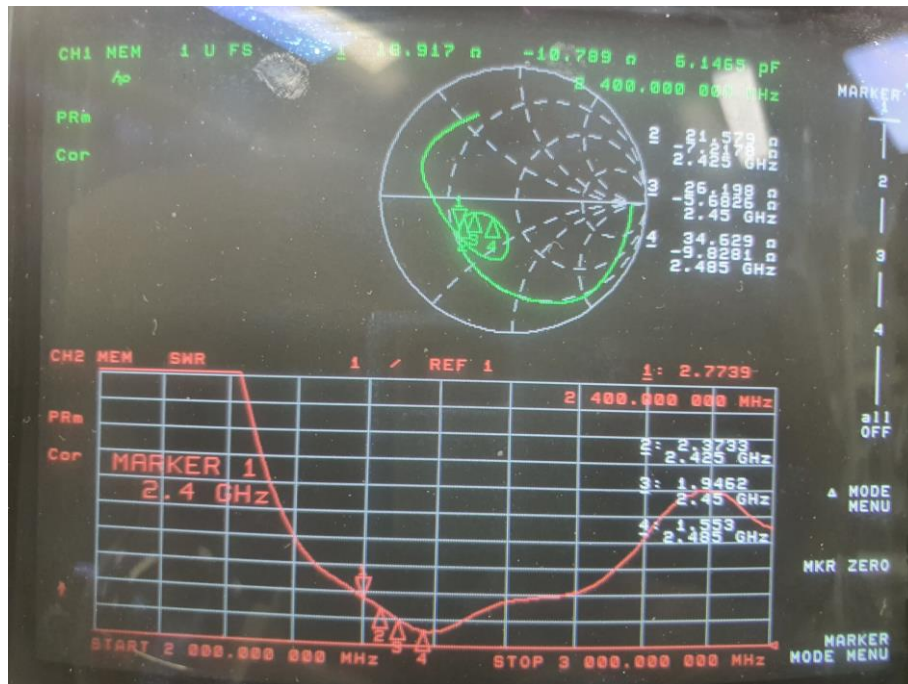
PCB Pattern Antenna

7-1. Antenna VSWR & Matching Value _ Tuning(type B)

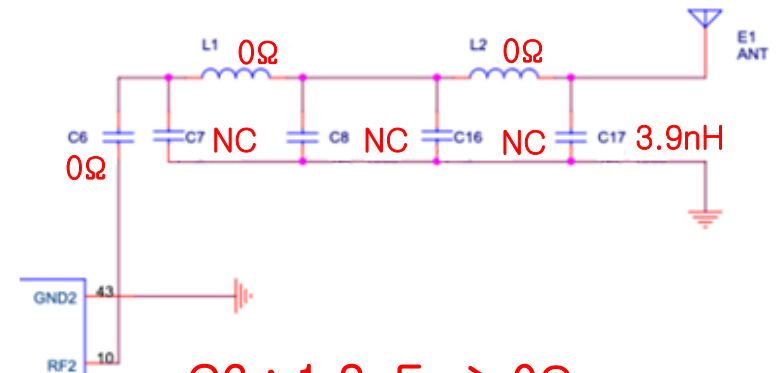
Top View



Smith chart & VSWR



Matching Value



C6 : 1.2pF → 0Ω

C7 : 1pF → NC

L1 : 2.7nH → 0Ω

C8 : 1pF → NC

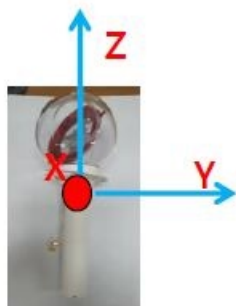
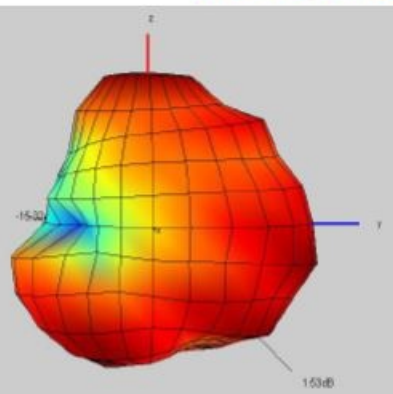
C16 : 1pF → NC

L2 : 2.7nH → 0Ω

C17 : 1pF → 3.9nH

7-2. Antenna VSWR & Matching Value _ Tuning(type B)

3D Radiation Pattern

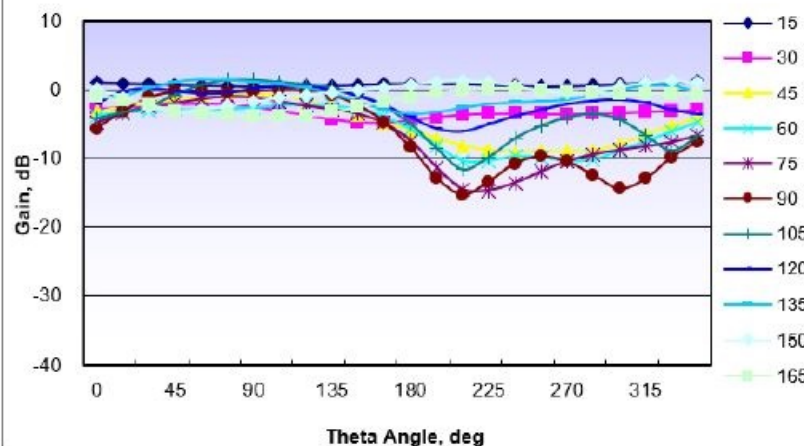


Gain data

	1	2	3	4
Frequency [MHz]	2400	2425	2450	2485
Avg.Gain [dBi]	-2.39	-2.06	-1.89	-1.70
Efficiency [%]	57.7	62.2	64.7	67.7
Peak Gain [dBi]	1.53	2.02	2.44	2.76

2D Radiation Pattern

Theta + Phi Polarization Gain



Theta + Phi Polarization Gain

