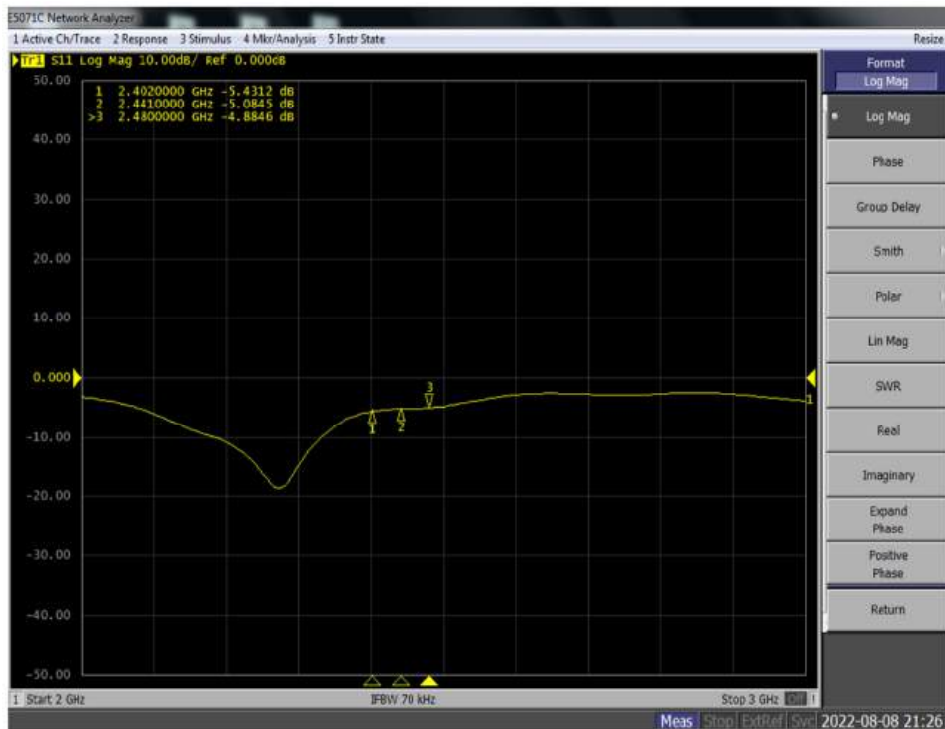


3. Antenna Gain Table

| Free Space | | | |
|-----------------|-----------------|----------------|------------|
| Frequency (MHz) | Efficiency (dB) | Efficiency (%) | Gain (dBi) |
| 2350 | -7.42 | 18.12 | -0.57 |
| 2355 | -7.42 | 18.12 | -0.67 |
| 2360 | -7.27 | 18.76 | -0.47 |
| 2365 | -7.40 | 18.21 | -0.69 |
| 2370 | -7.46 | 17.95 | -0.74 |
| 2375 | -7.57 | 17.49 | -0.93 |
| 2380 | -7.59 | 17.40 | -0.96 |
| 2385 | -7.64 | 17.21 | -0.98 |
| 2390 | -7.68 | 17.05 | -1.08 |
| 2395 | -7.53 | 17.65 | -0.90 |
| 2400 | -7.58 | 17.47 | -1.05 |
| 2402 | -7.54 | 17.64 | -0.95 |
| 2405 | -7.46 | 17.97 | -0.91 |
| 2410 | -7.49 | 17.83 | -0.97 |
| 2415 | -7.56 | 17.53 | -0.97 |
| 2420 | -7.71 | 16.94 | -1.13 |
| 2425 | -7.72 | 16.90 | -1.07 |
| 2430 | -7.67 | 17.08 | -1.00 |
| 2435 | -7.56 | 17.55 | -0.90 |
| 2440 | -7.38 | 18.26 | -0.77 |
| 2441 | -7.37 | 18.31 | -0.75 |
| 2445 | -7.31 | 18.58 | -0.69 |
| 2450 | -7.22 | 18.98 | -0.66 |
| 2455 | -7.13 | 19.37 | -0.53 |
| 2460 | -7.08 | 19.58 | -0.51 |
| 2465 | -6.93 | 20.27 | -0.27 |
| 2470 | -6.94 | 20.21 | -0.26 |
| 2475 | -6.77 | 21.05 | -0.07 |
| 2480 | -6.80 | 20.92 | -0.10 |
| 2482 | -6.76 | 21.10 | -0.16 |
| 2485 | -6.68 | 21.48 | -0.07 |
| 2490 | -6.60 | 21.88 | 0.13 |
| 2495 | -6.39 | 22.96 | 0.14 |
| 2500 | -6.16 | 24.20 | 0.55 |

| | | | |
|------|-------|-------|------|
| 2505 | -6.06 | 24.75 | 0.48 |
| 2510 | -5.98 | 25.22 | 0.78 |
| 2515 | -6.18 | 24.08 | 0.57 |
| 2520 | -6.26 | 23.65 | 0.53 |
| 2525 | -6.31 | 23.38 | 0.50 |
| 2530 | -6.23 | 23.81 | 0.45 |
| 2535 | -6.13 | 24.38 | 0.59 |
| 2540 | -6.09 | 24.63 | 0.42 |
| 2545 | -5.87 | 25.89 | 0.74 |
| 2550 | -5.90 | 25.69 | 0.66 |
| 2555 | -5.79 | 26.39 | 0.86 |
| 2560 | -5.83 | 26.11 | 0.76 |
| 2565 | -5.75 | 26.59 | 0.77 |
| 2570 | -5.74 | 26.70 | 0.86 |
| 2575 | -5.78 | 26.44 | 0.64 |
| 2580 | -5.56 | 27.77 | 0.82 |

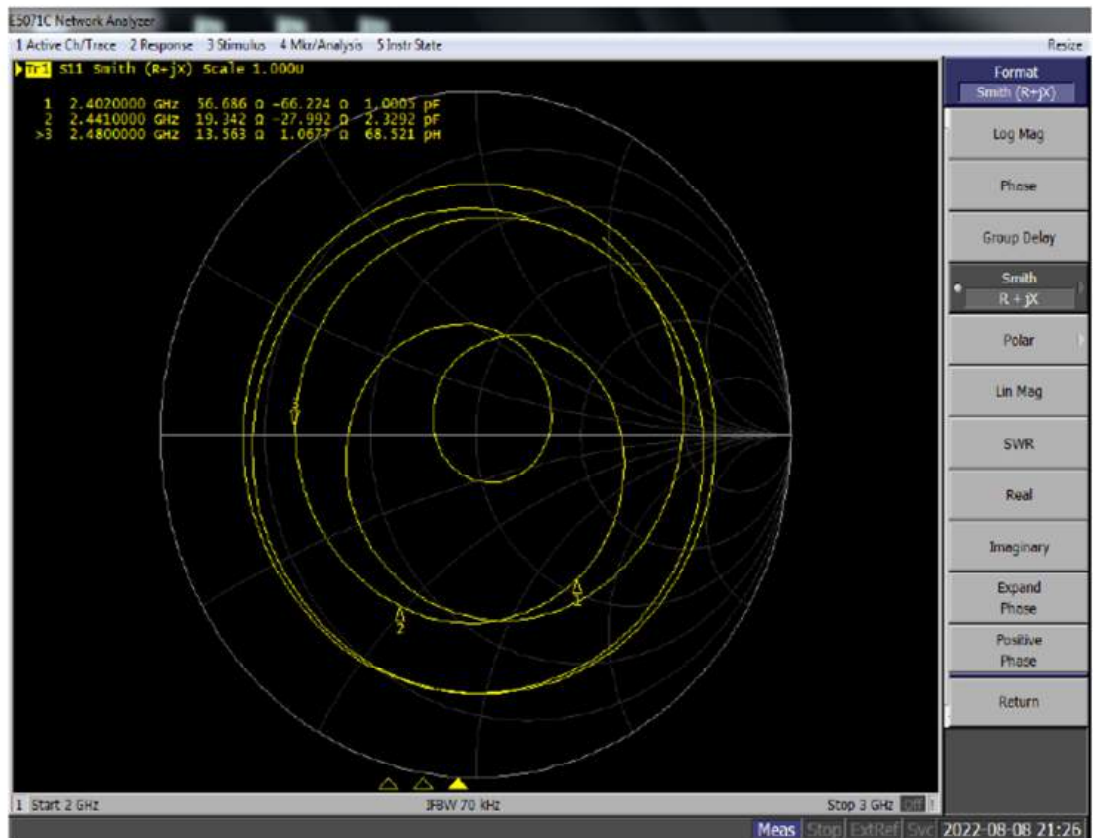
4. 2D Antenna Pattern(Theta=90°)



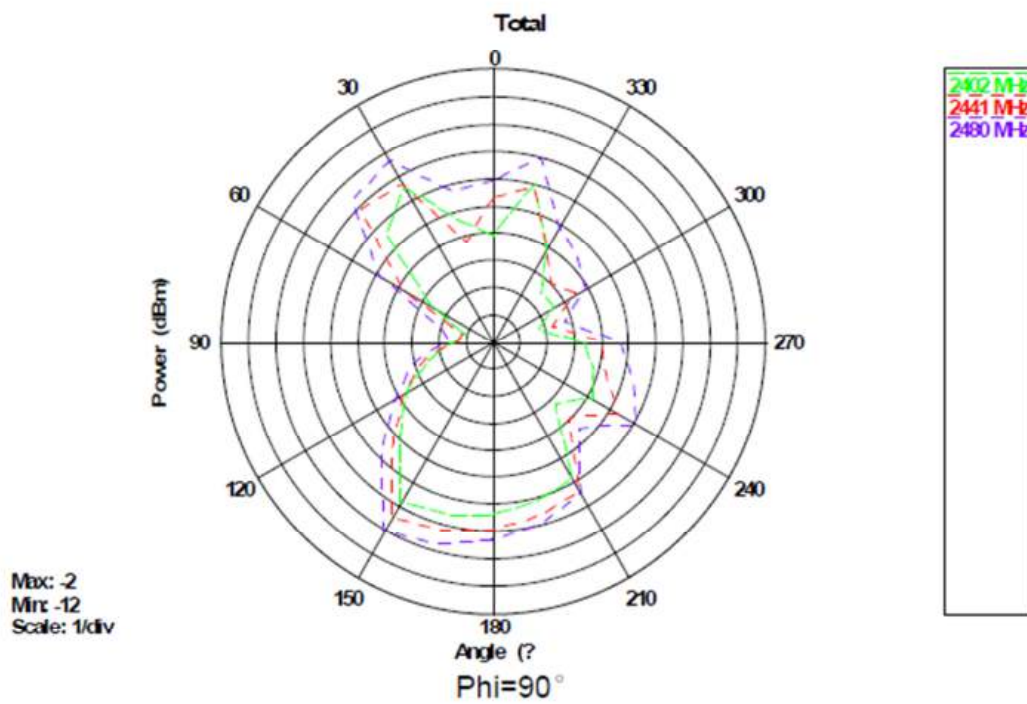
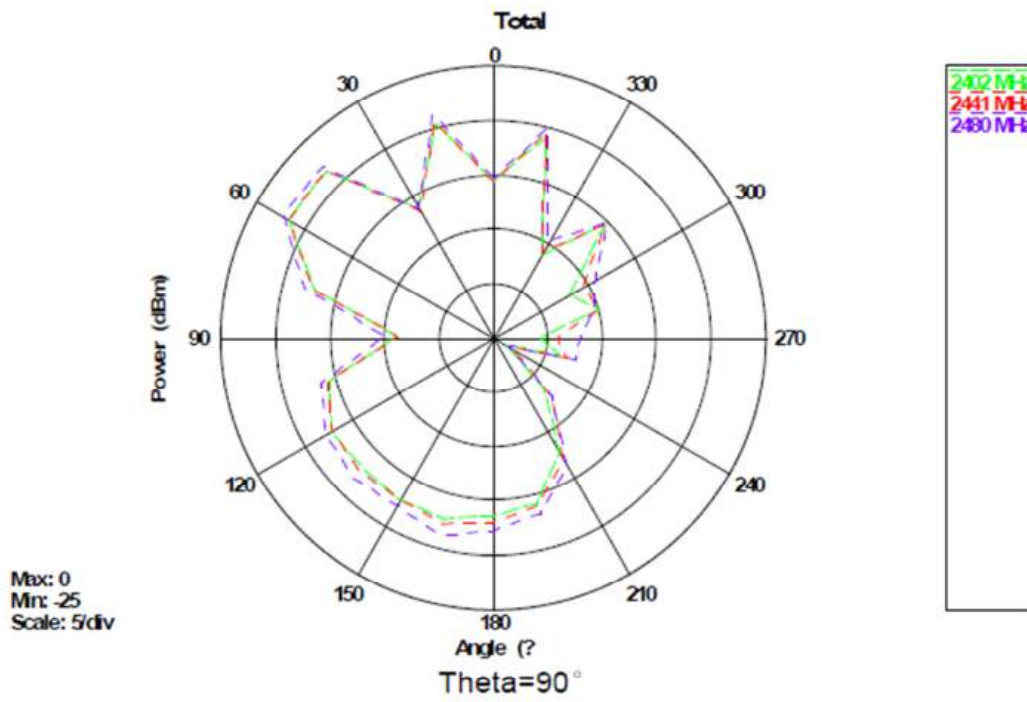
5. VSWR



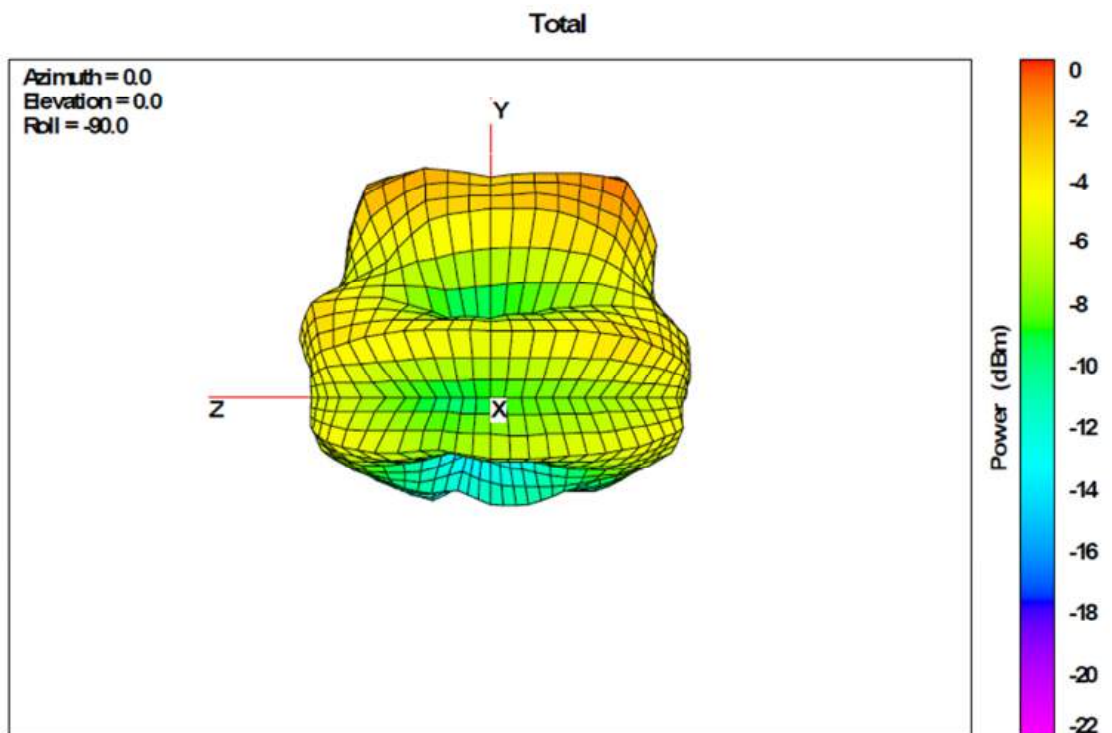
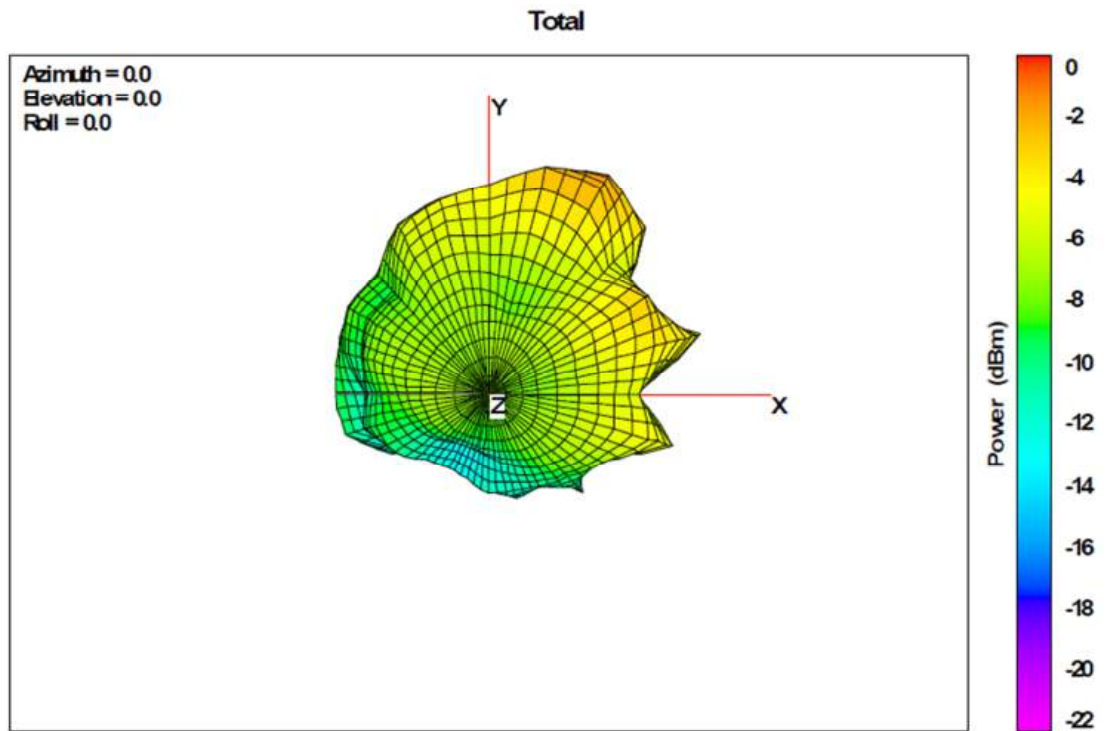
6. Stimulus



7. 2D Antenna Pattern(Theta=90°)



8. 3D Antenna Pattern



Total

Azimuth = 90.0
Elevation = -90.0
Roll = 0.0

