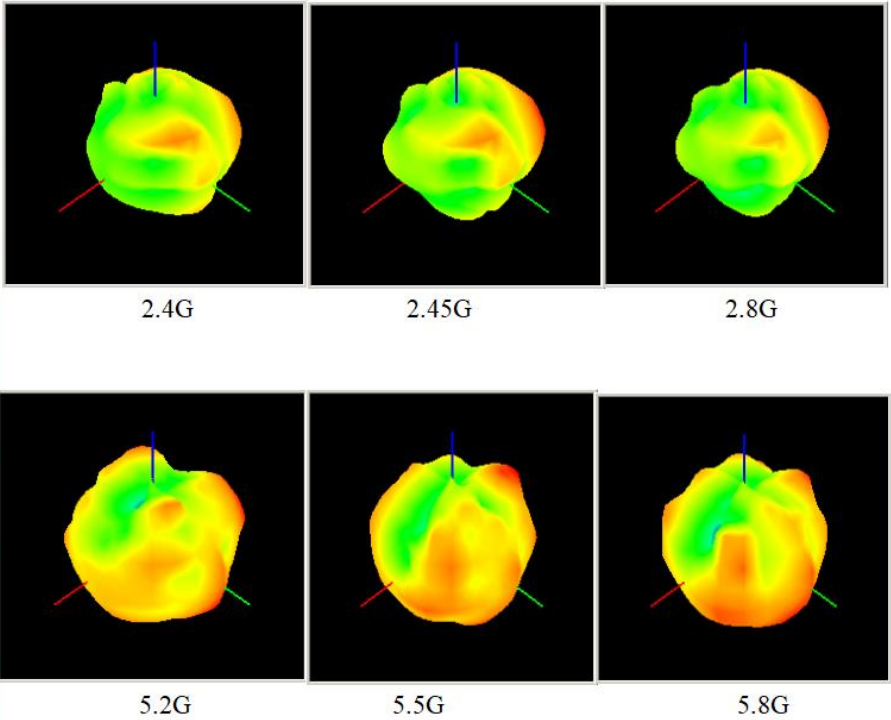
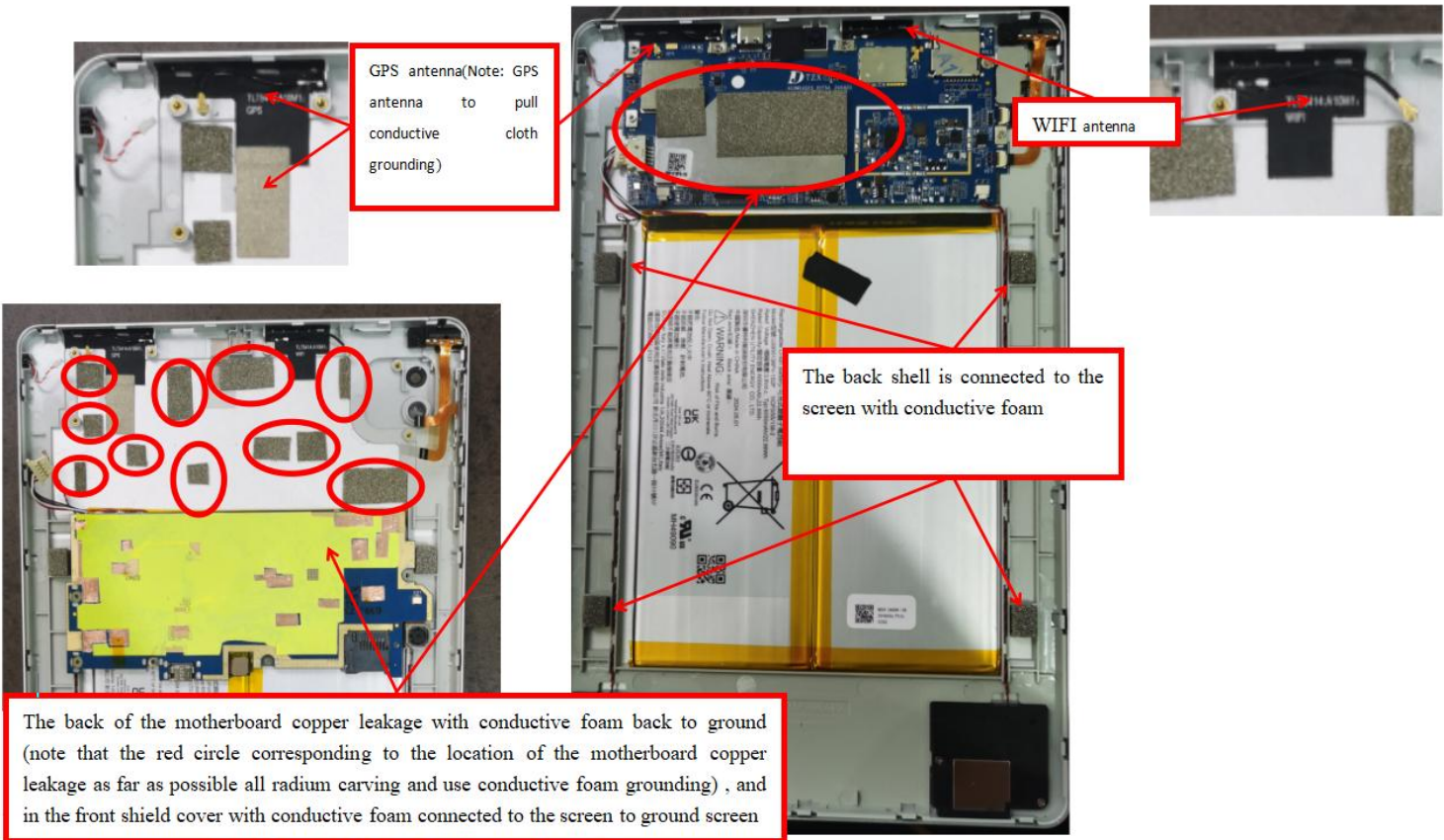


5.2 WIFI gain and efficiency test:

| Test Point ID | Freq. (MHz) | TRP (dBm) | Gain (dBi) | Efficiency (%) | Efficiency (dB) |
|---------------|-------------|-----------|------------|----------------|-----------------|
| 1 | 2400.0 | 2400.00 | 1.34 | 40.7% | -3.90 |
| 2 | 2405.0 | 2405.00 | -0.22 | 28.6% | -5.43 |
| 3 | 2410.0 | 2410.00 | 0.05 | 30.0% | -5.23 |
| 4 | 2415.0 | 2415.00 | 0.75 | 34.7% | -4.59 |
| 5 | 2420.0 | 2420.00 | 1.04 | 36.8% | -4.34 |
| 6 | 2425.0 | 2425.00 | 1.32 | 39.2% | -4.07 |
| 7 | 2430.0 | 2430.00 | 1.32 | 39.6% | -4.03 |
| 8 | 2435.0 | 2435.00 | 0.65 | 34.3% | -4.65 |
| 9 | 2440.0 | 2440.00 | 0.54 | 33.7% | -4.72 |
| 10 | 2445.0 | 2445.00 | 1.01 | 37.8% | -4.23 |
| 11 | 2450.0 | 2450.00 | 0.48 | 33.0% | -4.82 |
| 12 | 2455.0 | 2455.00 | 0.65 | 34.7% | -4.60 |
| 13 | 2460.0 | 2460.00 | 1.84 | 47.2% | -3.26 |
| 14 | 2465.0 | 2465.00 | 1.19 | 39.9% | -3.99 |
| 15 | 2470.0 | 2470.00 | 0.10 | 31.0% | -5.08 |
| 16 | 2475.0 | 2475.00 | 0.45 | 33.4% | -4.76 |
| 17 | 2480.0 | 2480.00 | 1.13 | 38.6% | -4.14 |
| 18 | 2485.0 | 2485.00 | 1.37 | 40.5% | -3.93 |
| 19 | 2490.0 | 2490.00 | 1.29 | 39.1% | -4.08 |
| 20 | 2495.0 | 2495.00 | 1.28 | 39.3% | -4.06 |
| 21 | 2500.0 | 2500.00 | 0.97 | 37.2% | -4.30 |
| 22 | 5150.0 | 5150.00 | 2.43 | 31.9% | -4.96 |
| 23 | 5200.0 | 5200.00 | 2.95 | 36.2% | -5.06 |
| 24 | 5250.0 | 5250.00 | 2.51 | 32.0% | -6.58 |
| 25 | 5300.0 | 5300.00 | 3.27 | 41.1% | -3.86 |
| 26 | 5350.0 | 5350.00 | 2.10 | 31.0% | -6.79 |
| 27 | 5400.0 | 5400.00 | 2.16 | 38.4% | -4.16 |
| 28 | 5450.0 | 5450.00 | 2.25 | 30.7% | -5.57 |
| 29 | 5500.0 | 5500.00 | 2.31 | 34.3% | -6.14 |
| 30 | 5550.0 | 5550.00 | 4.68 | 47.1% | -3.27 |
| 31 | 5600.0 | 5600.00 | 4.70 | 43.9% | -3.58 |
| 32 | 5650.0 | 5650.00 | 5.14 | 44.8% | -3.49 |
| 33 | 5700.0 | 5700.00 | 5.04 | 40.1% | -3.97 |
| 34 | 5750.0 | 5750.00 | 4.58 | 36.7% | -4.36 |
| 35 | 5800.0 | 5800.00 | 4.56 | 46.2% | -2.50 |
| 36 | 5850.0 | 5850.00 | 3.00 | 36.6% | -4.37 |



6.Antenna assembly and processing drawing file



7. Antenna 2D profile

