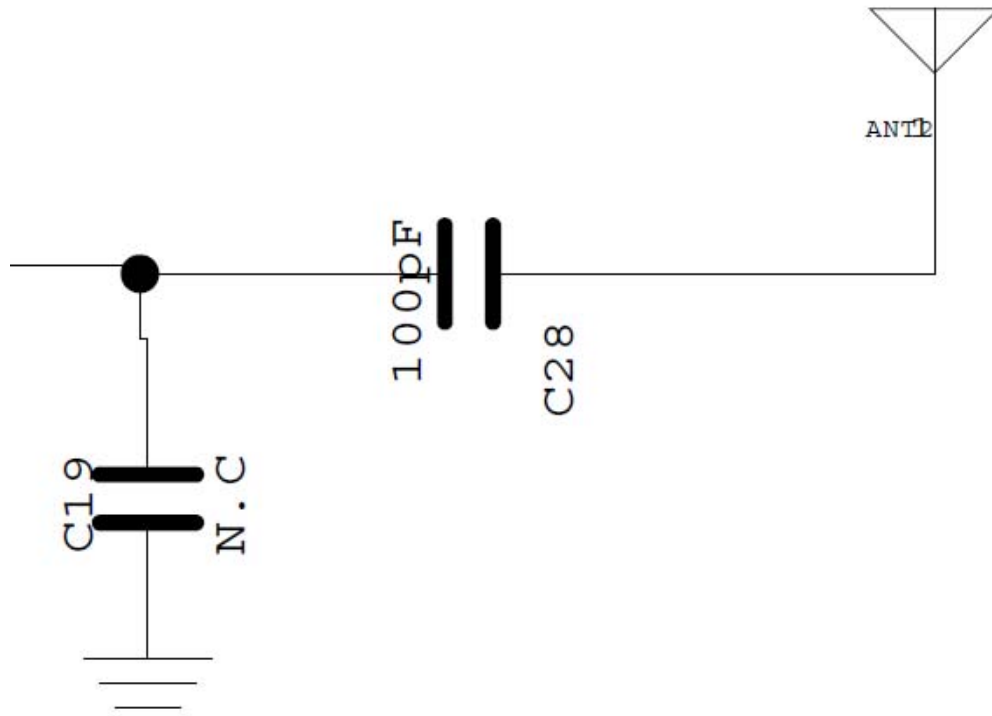
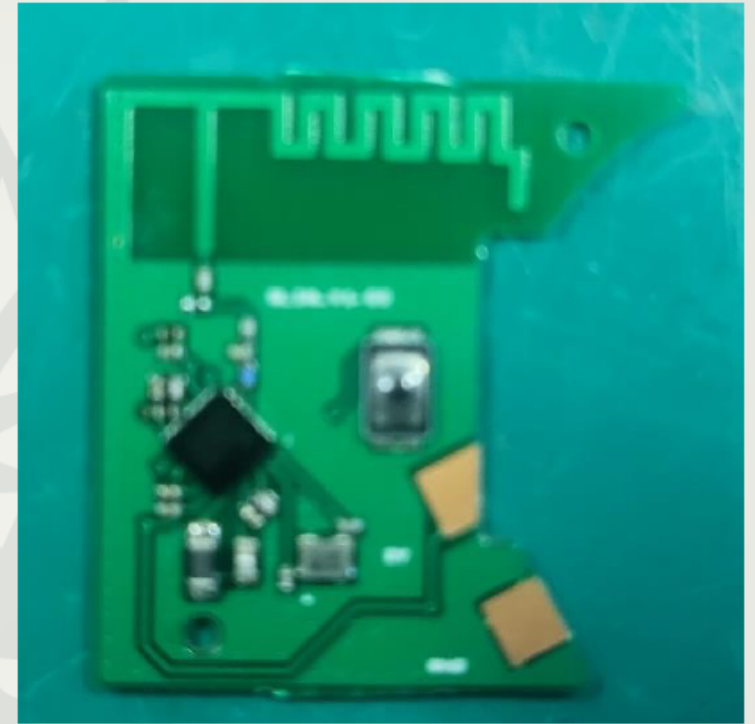


# SoluM “CD16BTS01X and 2 others”

## 1. TEST condition

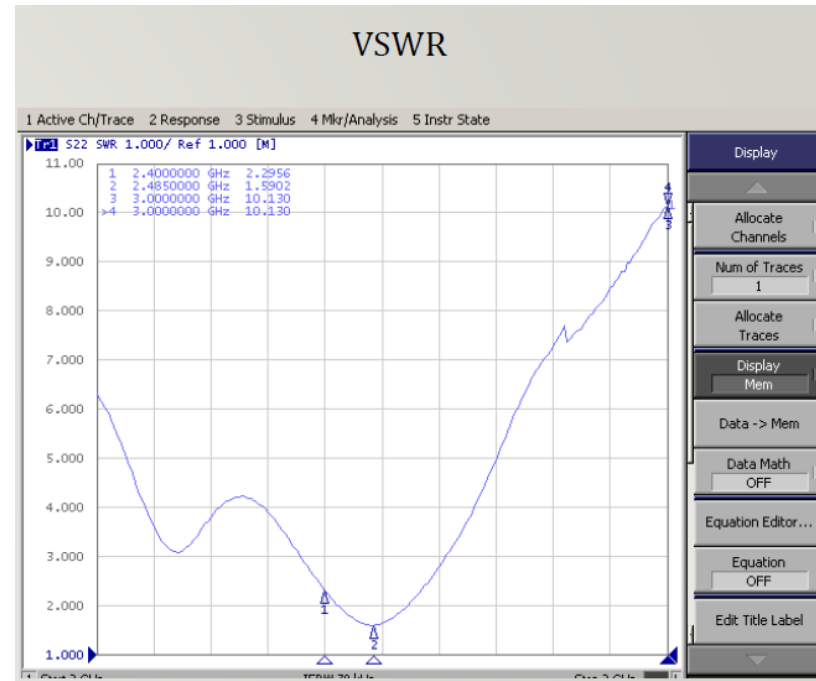


Picture



# SoluM “CD16BTS01X/WSM and 2 others”

## 2. Passive TEST – VSWR & 3D gain

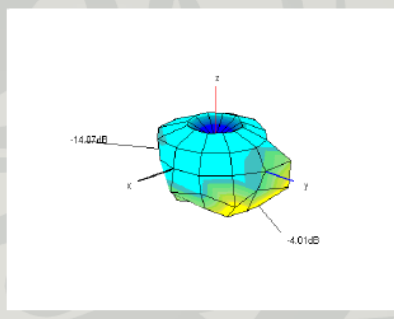
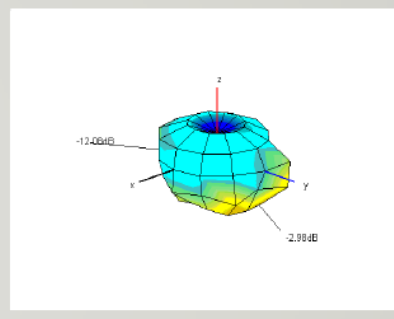
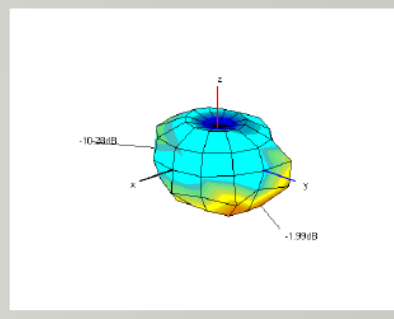
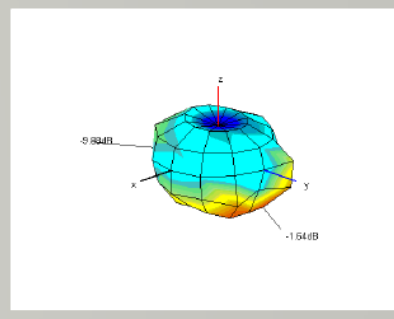
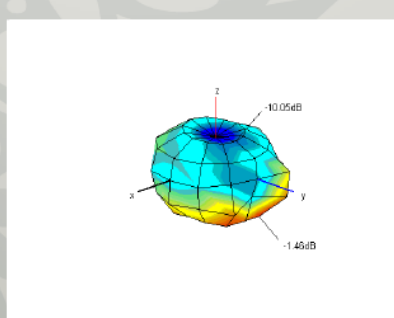


### 3D gain

	1	2	3	4	5
<b>Frequency [MHz]</b>	2400	2420	2440	2460	2485
<b>Efficiency [dB]</b>	-8.64	-7.60	-6.72	-6.47	-6.47
<b>Efficiency [%]</b>	13.7	17.4	21.3	22.6	22.5
<b>Peak Gain [dB]</b>	-4.01	-2.98	-1.99	-1.64	-1.46
<b>Directivity [dB]</b>	4.63	4.61	4.73	4.83	5.02
<b>Minimum Gain [dB]</b>	-14.07	-12.08	-10.28	-9.88	-10.05

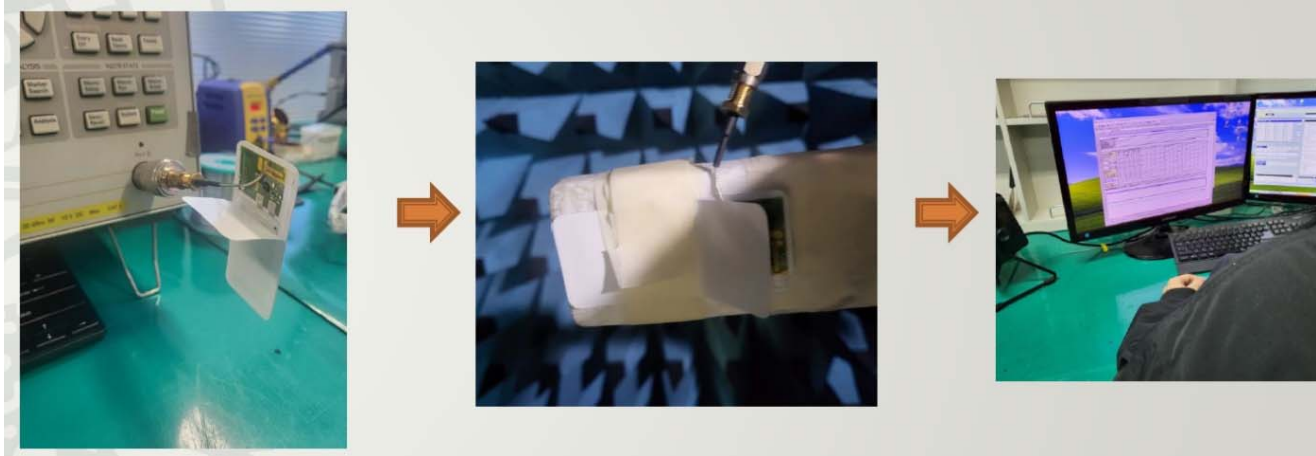
# SoluM “CD16BTS01X/WSM and 2 ohters”

## 3. 3D radiation Pattern

2400	2420	2440	2460
 <p>3D radiation pattern for 2400 MHz. The plot shows a main lobe centered at the top (z-axis) with a peak value of -14.07 dB. The side lobes are labeled with a value of -4.01 dB. The x, y, and z axes are shown.</p>	 <p>3D radiation pattern for 2420 MHz. The plot shows a main lobe centered at the top (z-axis) with a peak value of -12.06 dB. The side lobes are labeled with a value of -2.98 dB. The x, y, and z axes are shown.</p>	 <p>3D radiation pattern for 2440 MHz. The plot shows a main lobe centered at the top (z-axis) with a peak value of -10.23 dB. The side lobes are labeled with a value of -1.99 dB. The x, y, and z axes are shown.</p>	 <p>3D radiation pattern for 2460 MHz. The plot shows a main lobe centered at the top (z-axis) with a peak value of -9.84 dB. The side lobes are labeled with a value of -1.64 dB. The x, y, and z axes are shown.</p>
2485			
 <p>3D radiation pattern for 2485 MHz. The plot shows a main lobe centered at the top (z-axis) with a peak value of -10.05 dB. The side lobes are labeled with a value of -1.48 dB. The x, y, and z axes are shown.</p>			

# ART SIGNAL CO., LTD

## A. Measurement Procedure



## B. Measurement Equipment

