

## 2. Specification

### Wi-Fi Electrical

Band	Frequency (MHz)	Efficiency (%)	Average Gain (dB)	Peak Gain (dBi)	Impedance	Polarization	Radiation Pattern	Power consumption
Wi-Fi 2.4 GHz	2400-2500	48.7	-3.12	2.24	50 Ω	Linear	Omni	10W

### Mechanical

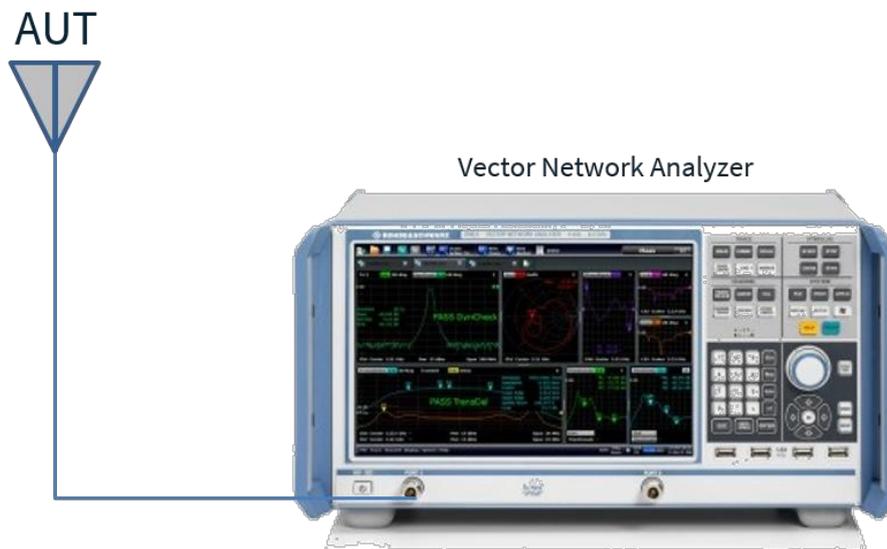
Dimensions	30mm x ø7.9mm
Material	TPU
Connector	RP-SMA(M)

### Environmental

Operating Temperature	-40°C ~ +85°C
Storage Temperature	-40°C ~ +85°C

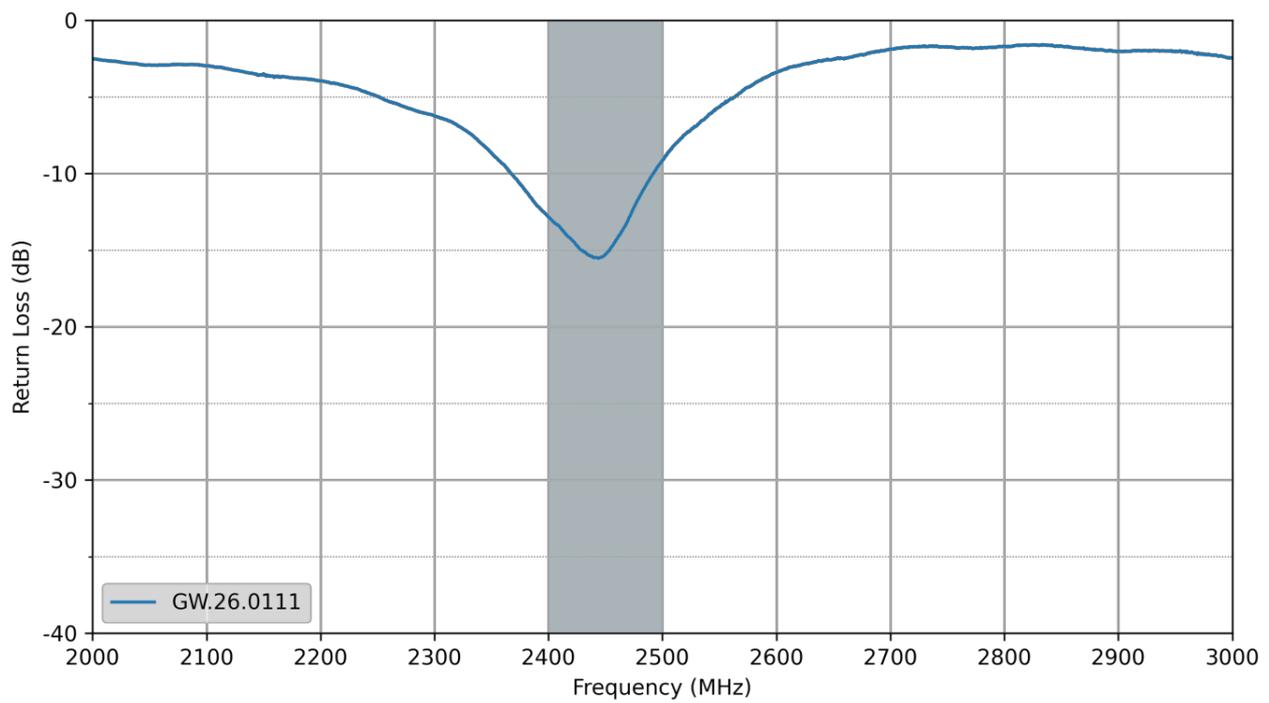
### 3. Antenna Characteristics

#### 3.1 Test Setup

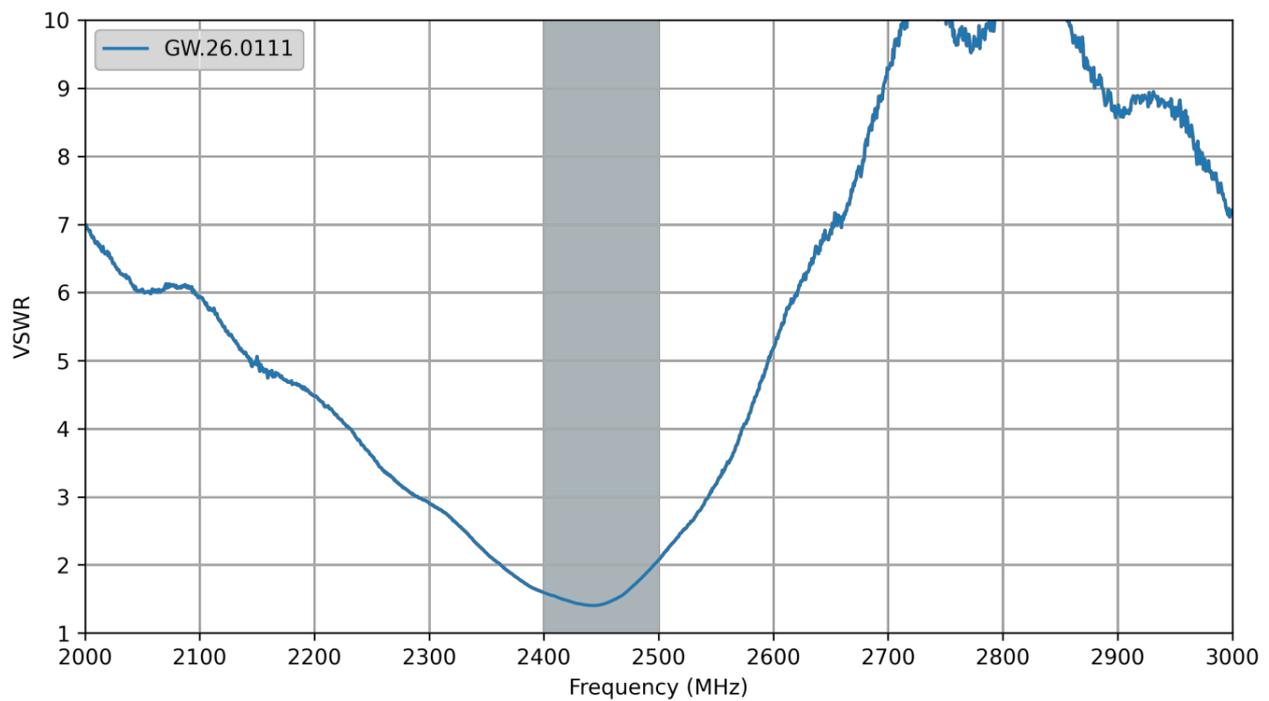


Tested on 150x90mm Ground Plane

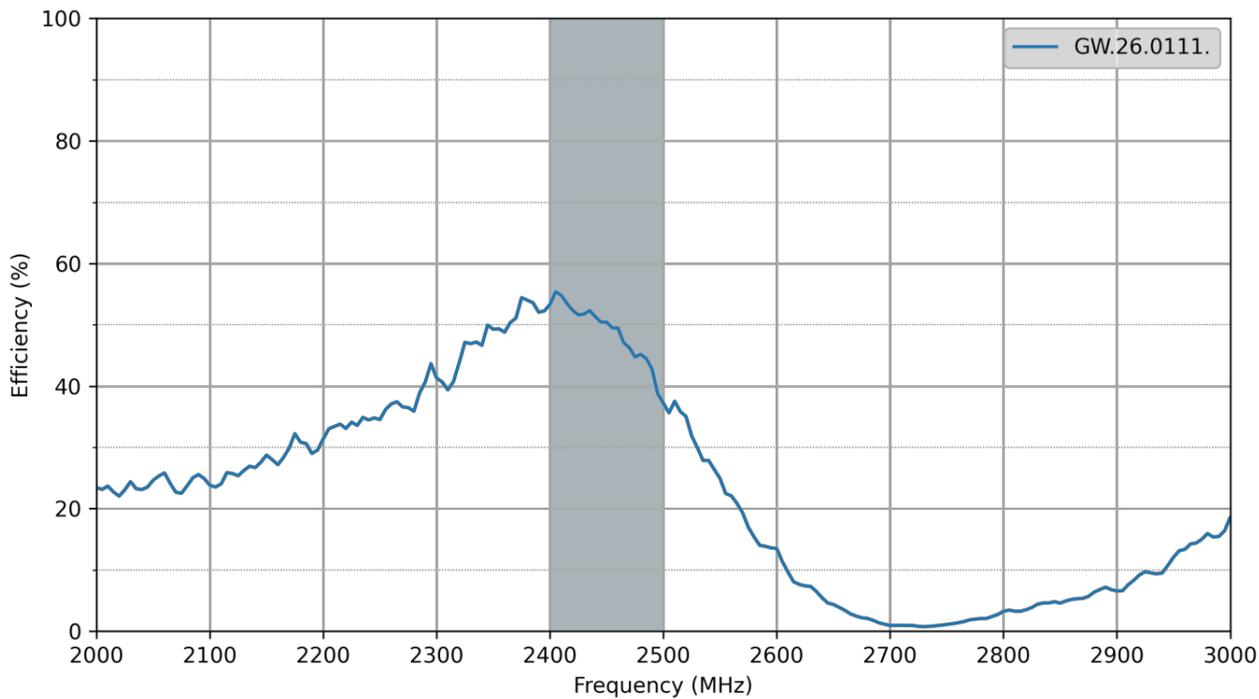
### 3.2 Return Loss



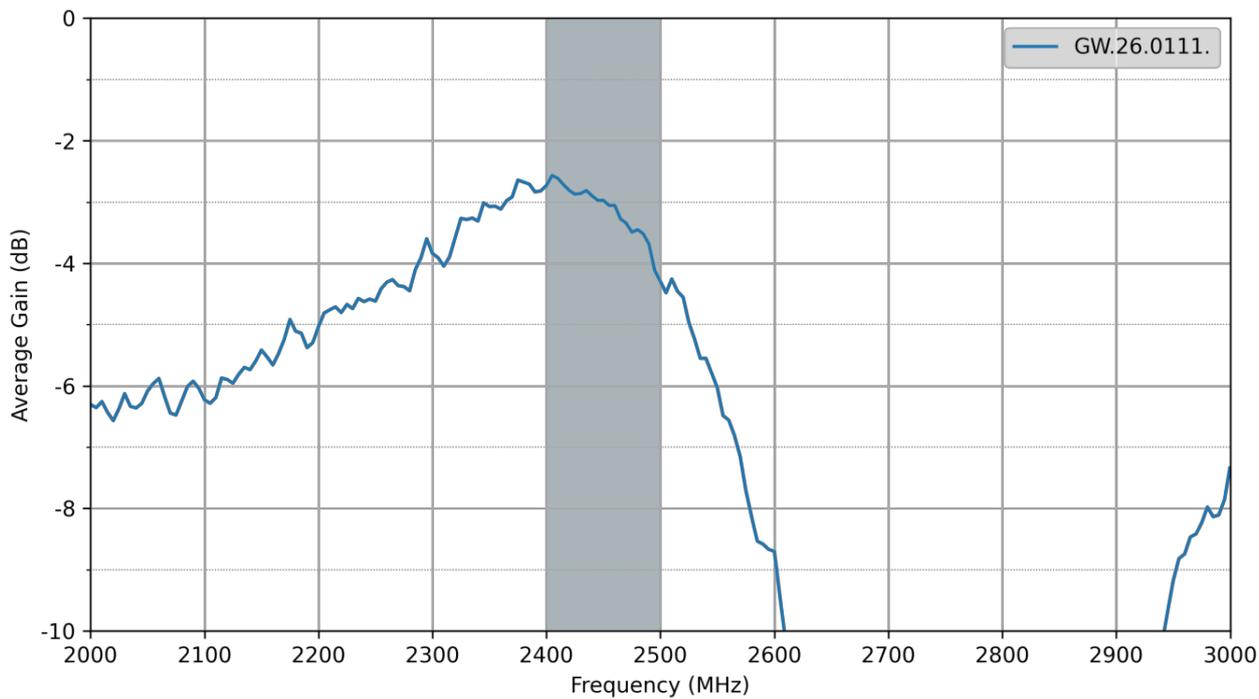
### 3.3 VSWR



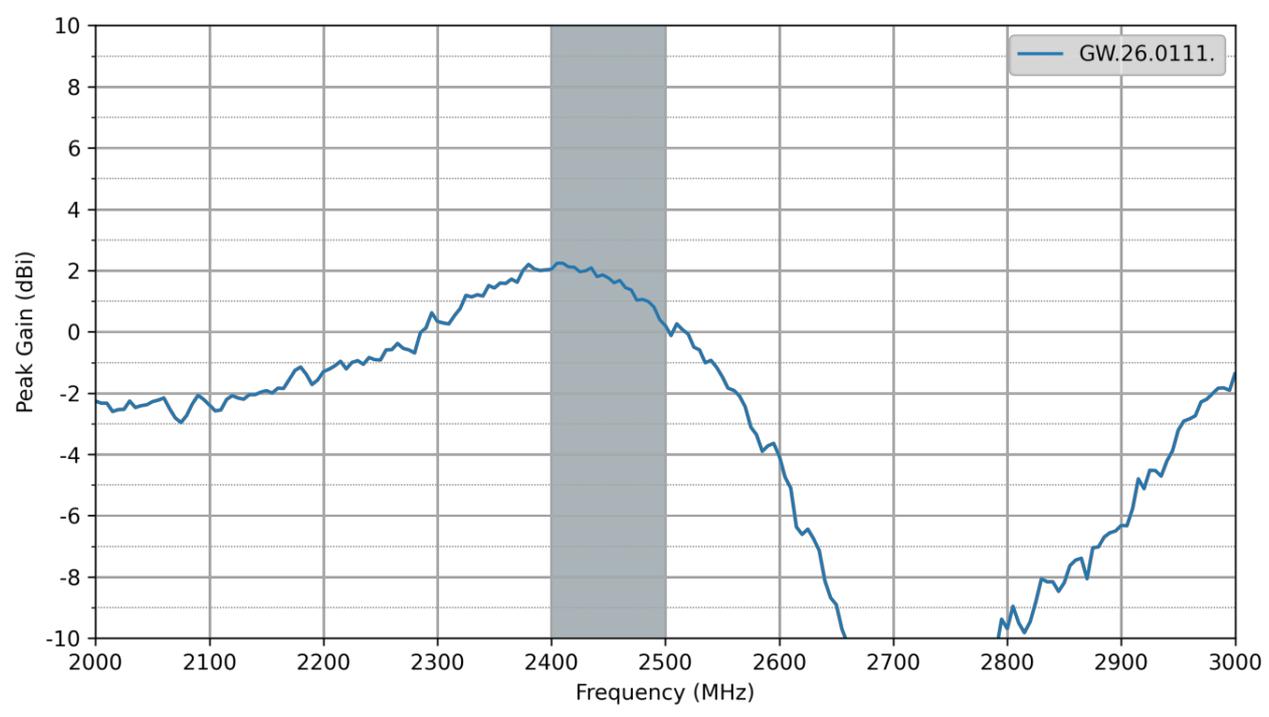
### 3.4 Efficiency



### 3.5 Average Gain

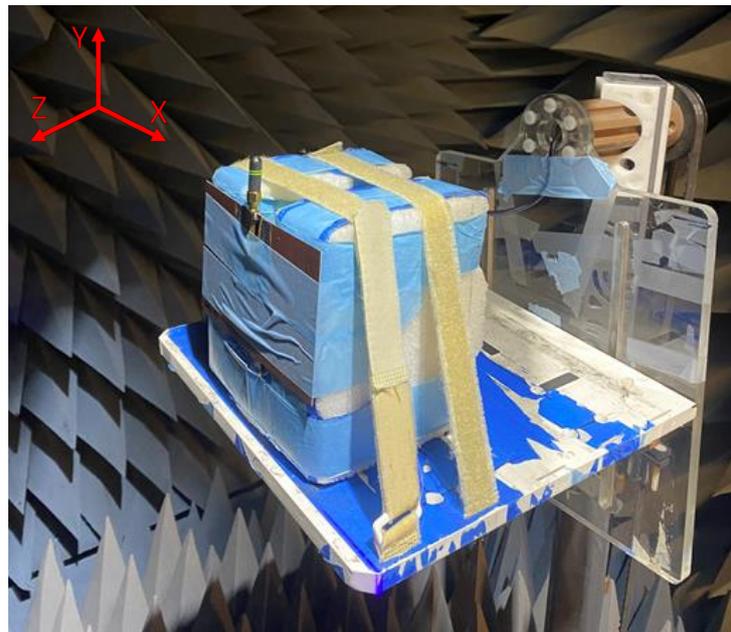
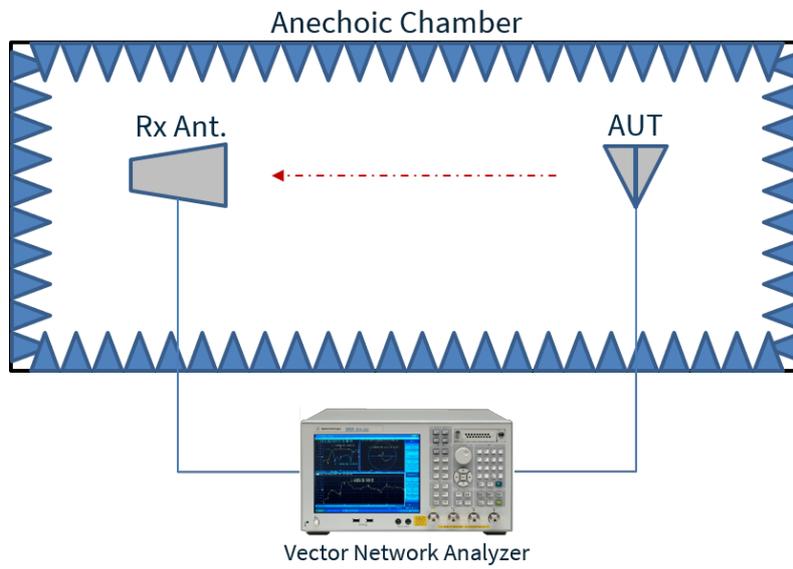


### 3.6 Peak Gain



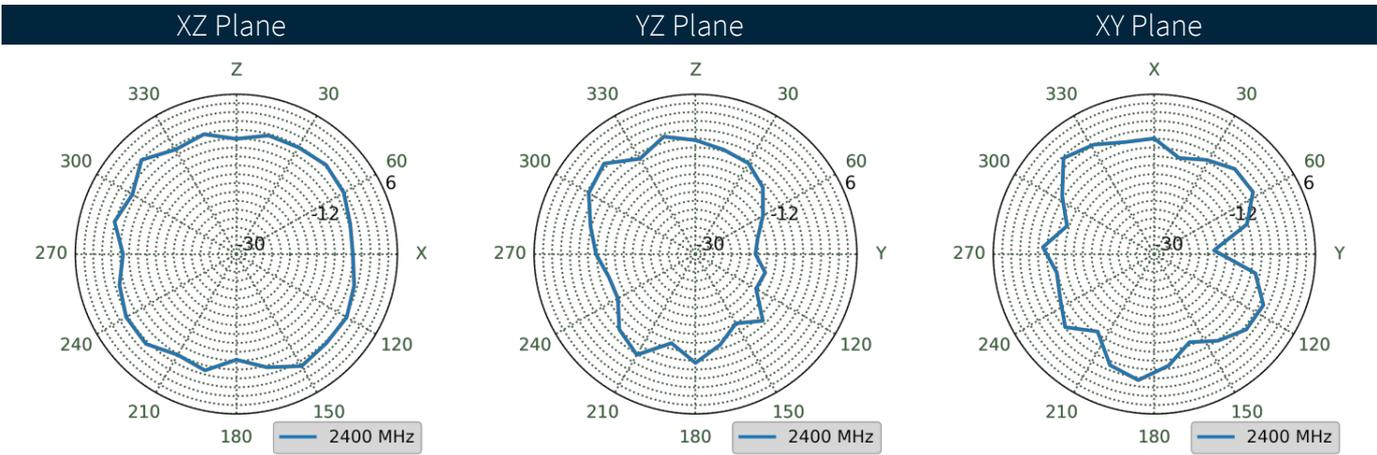
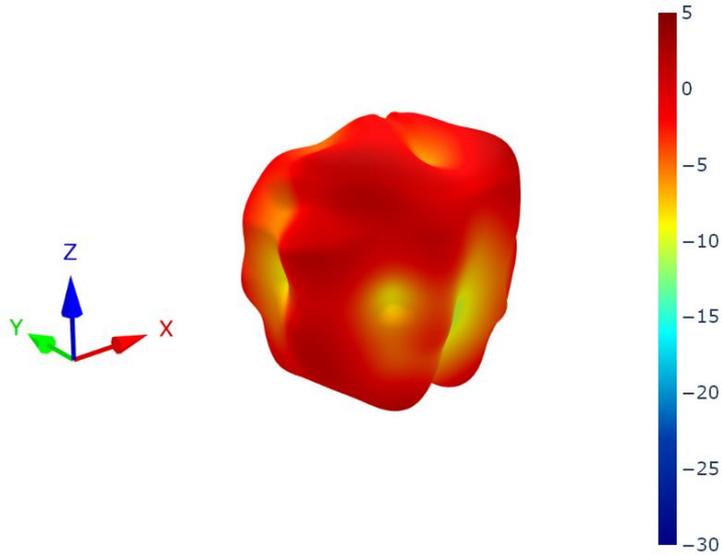
## 4. Radiation Patterns

### 4.1 Test Setup

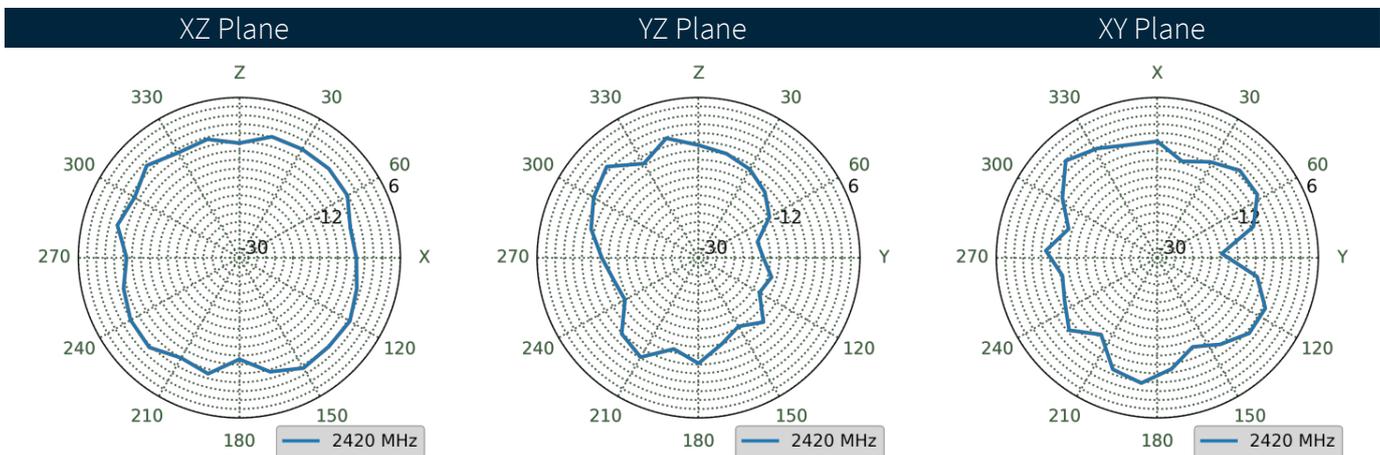
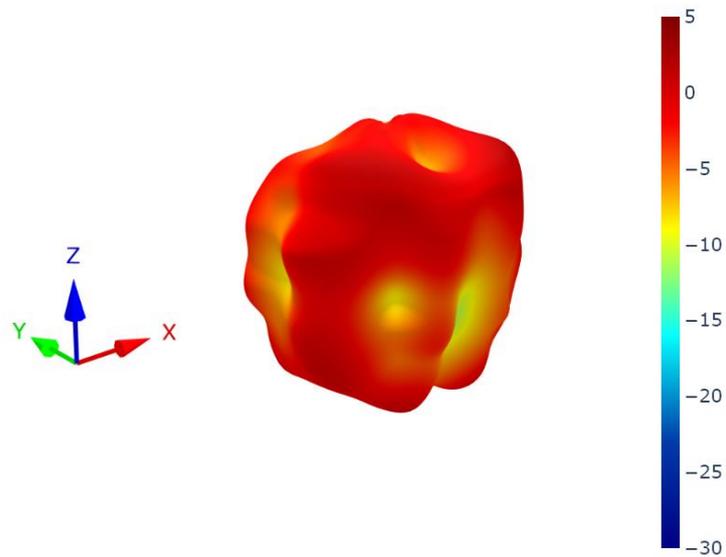


Tested on 150x90mm Ground Plane

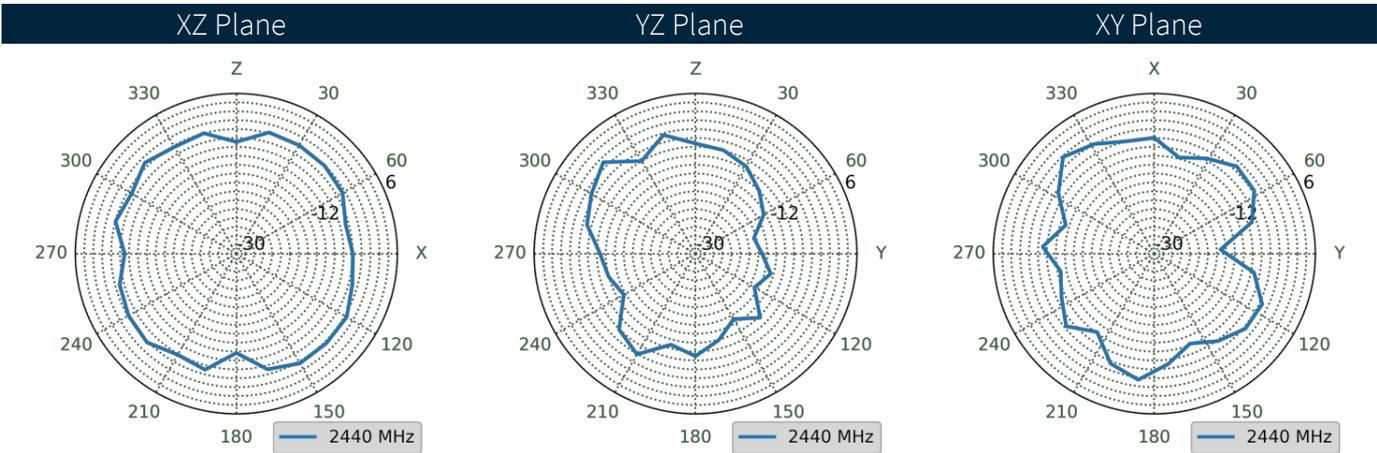
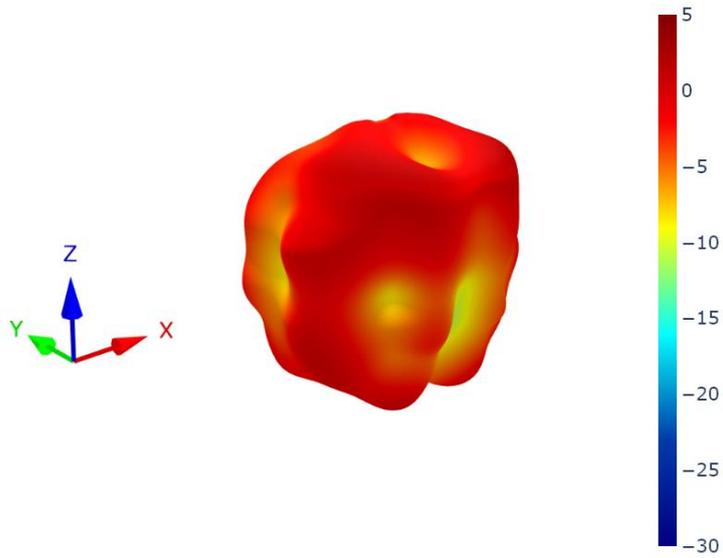
4.2 GW.26.0111 - Patterns at 2400 MHz



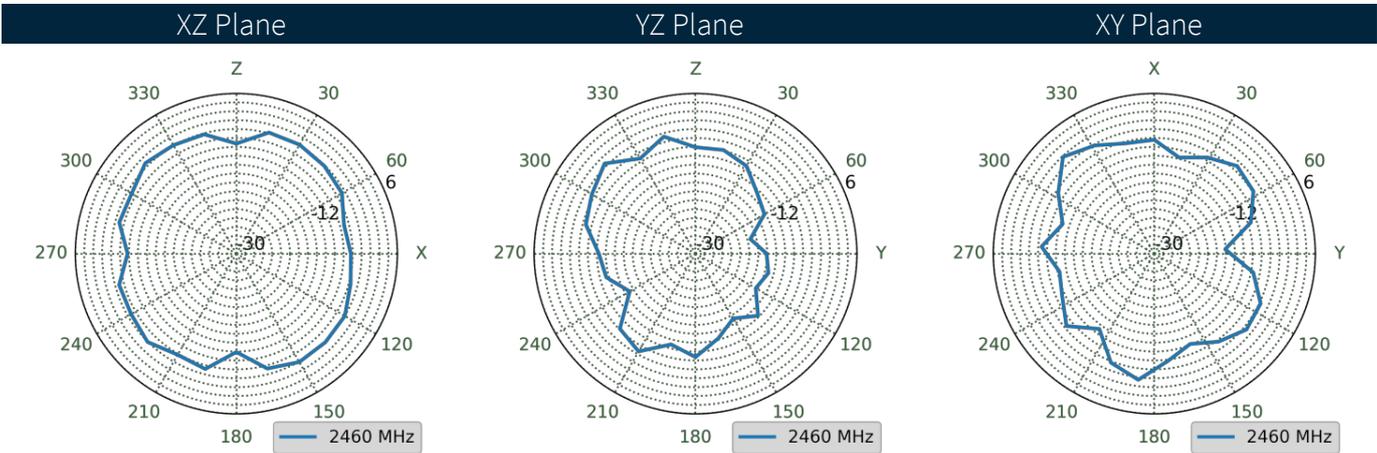
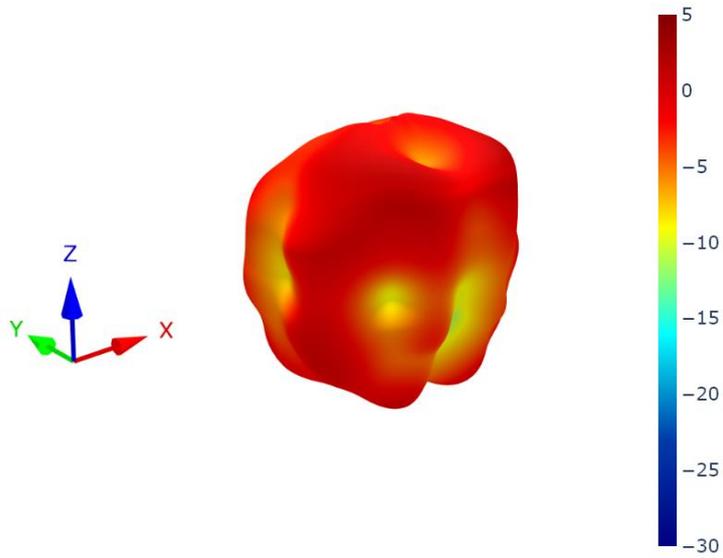
**4.3** GW.26.0111 - Patterns at 2420 MHz



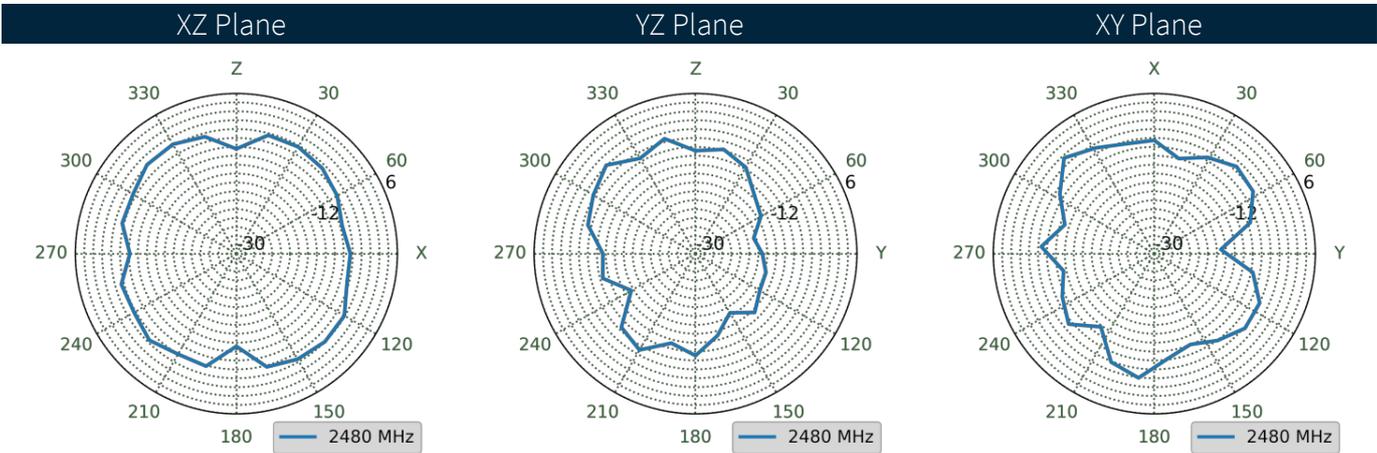
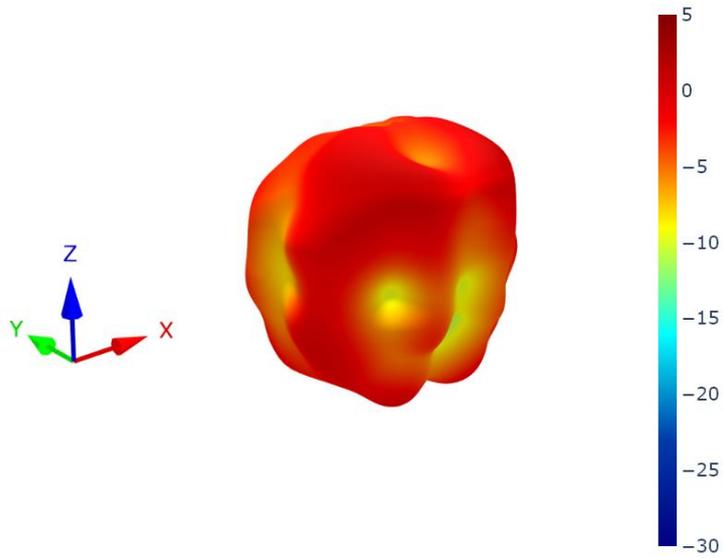
4.4 GW.26.0111 - Patterns at 2440 MHz



4.5 GW.26.0111 - Patterns at 2460 MHz



**4.6** GW.26.0111 - Patterns at 2480 MHz



**4.7** GW.26.0111 - Patterns at 2500 MHz

