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Specifications Sheet

1. Antenna Summary

Object Monopole and Dipole Antenna

Model Name SMI-R167-Pr / SME-A167-P

Band 2.4GHz BLE / Wi-Fi

Connector Type Manual Solder & U.FL

Cable Length 81 mm

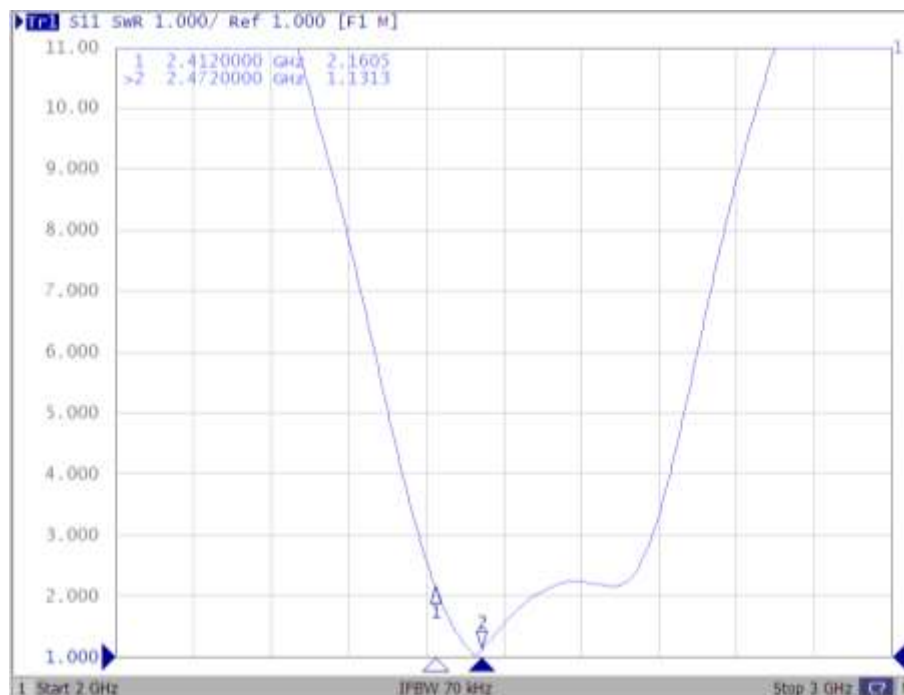
2. Electrical Specifications

Communication Band	BLE	Wi-Fi
Frequency Range	2402MHz~2480MHz	2412MHz~2472MHz
Band Width	78MHz	60MHz
V.S.W.R (Min)	3.0 : 1	
Gain (Max)	2 ± 1 (dBi)	
Input Impedance	50 (Ω)	
Polarization	Linear	

3. VSWR (Agilent E5071B Network Analyzer)



[2.4G BLE]

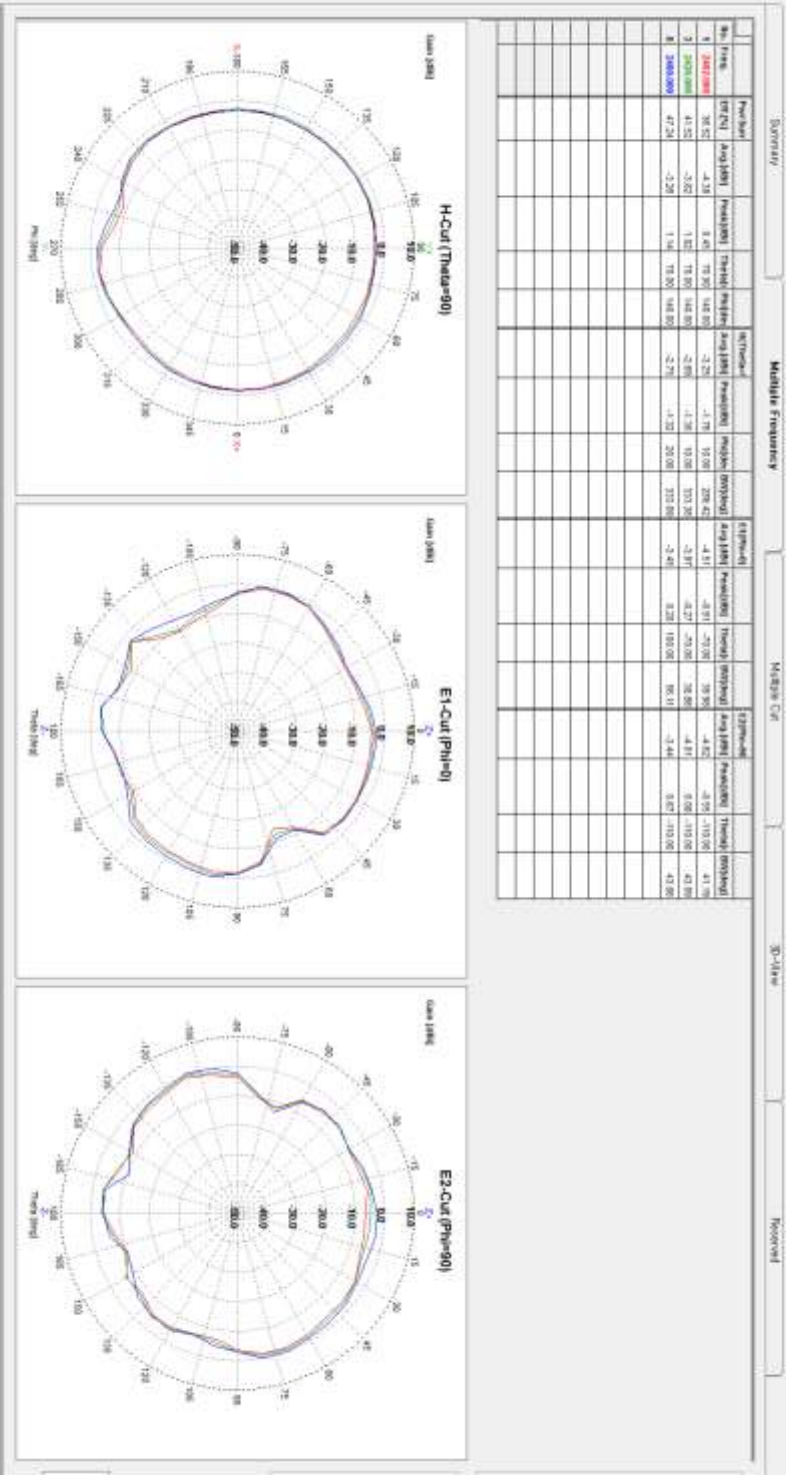


[2.4G Wi-Fi]

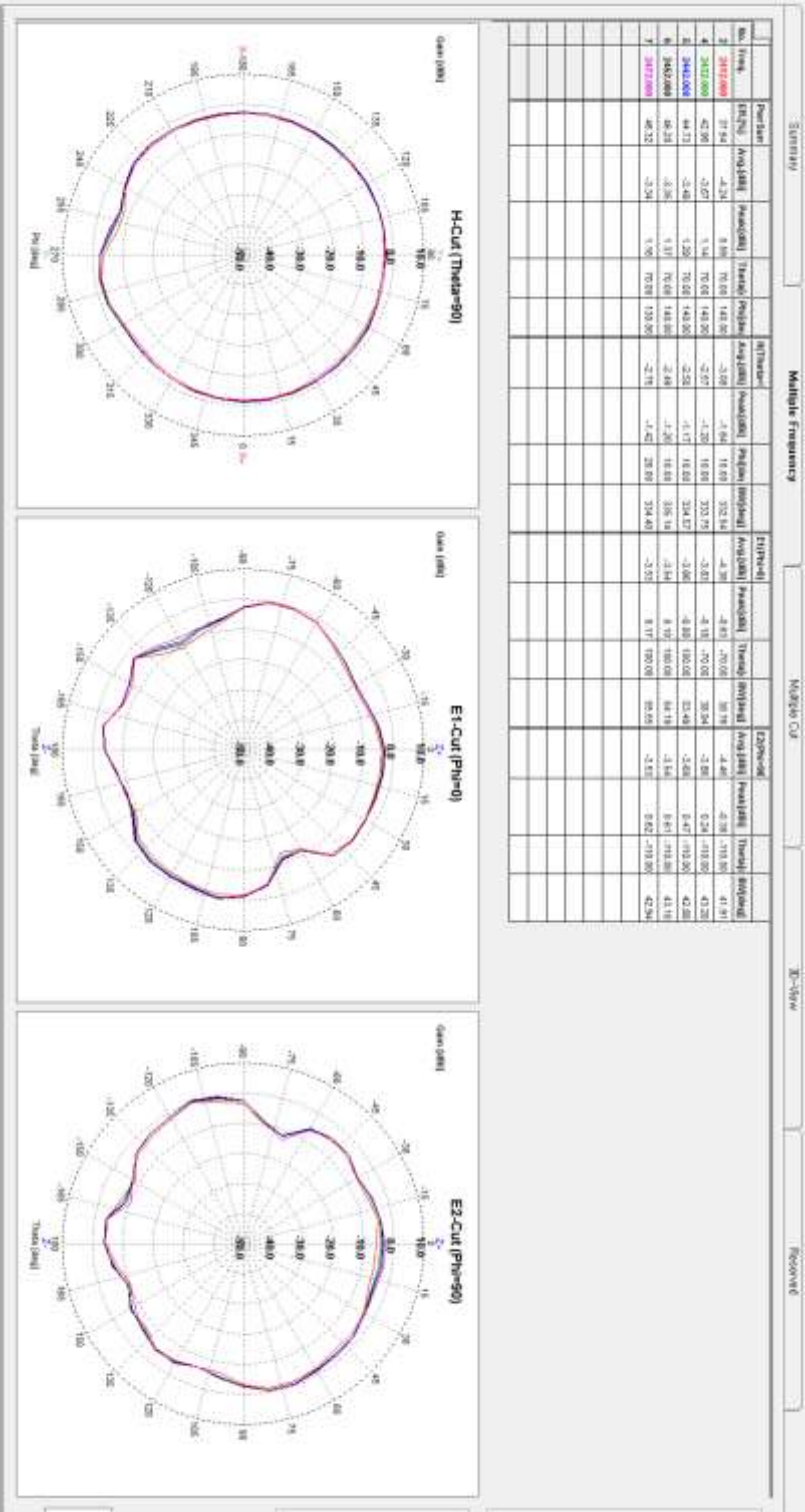
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4. GAIN Pattern

- 2D Radiation Pattern



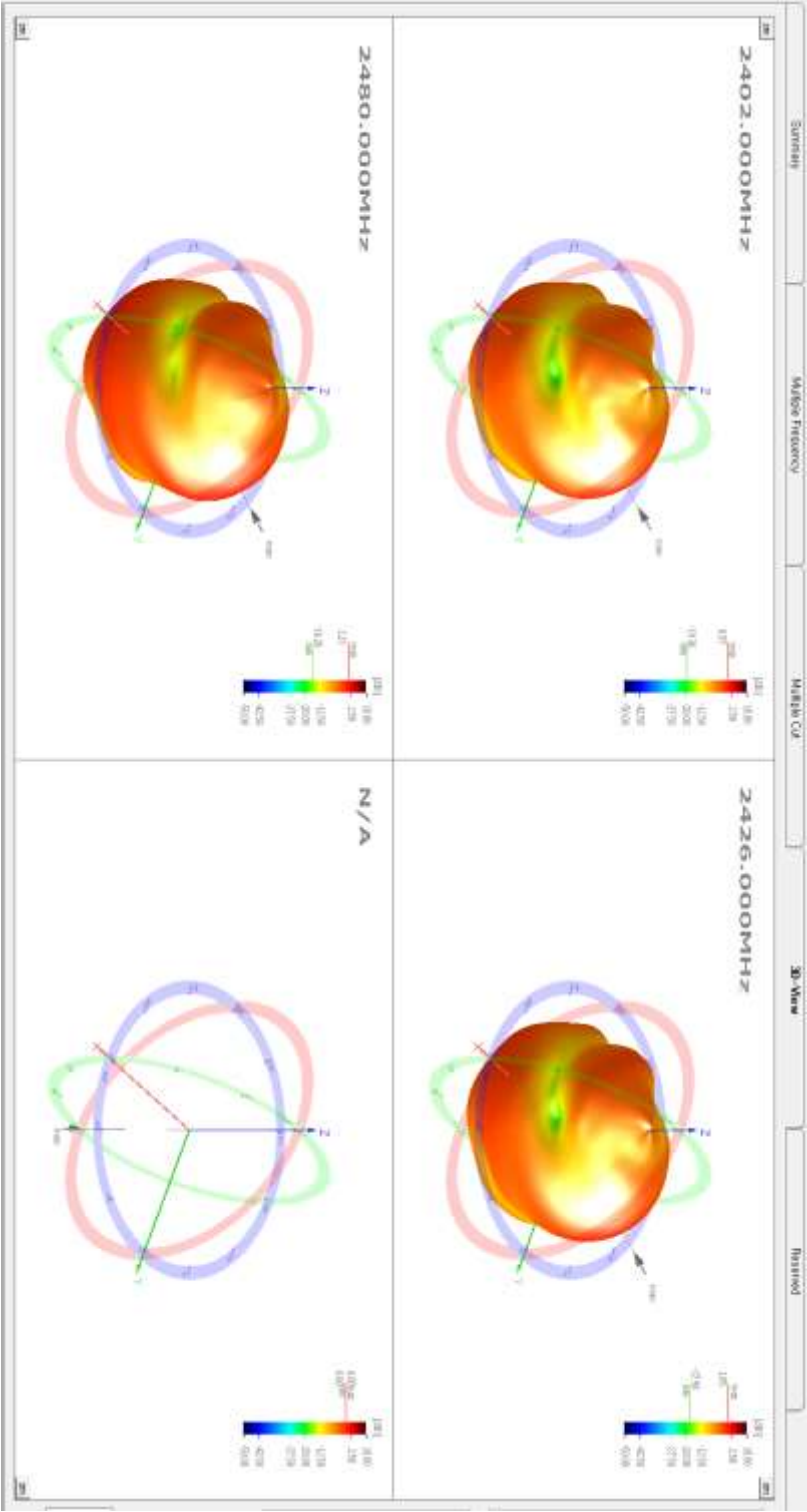
[2.4G BLE]



[2.4G Wi-Fi]

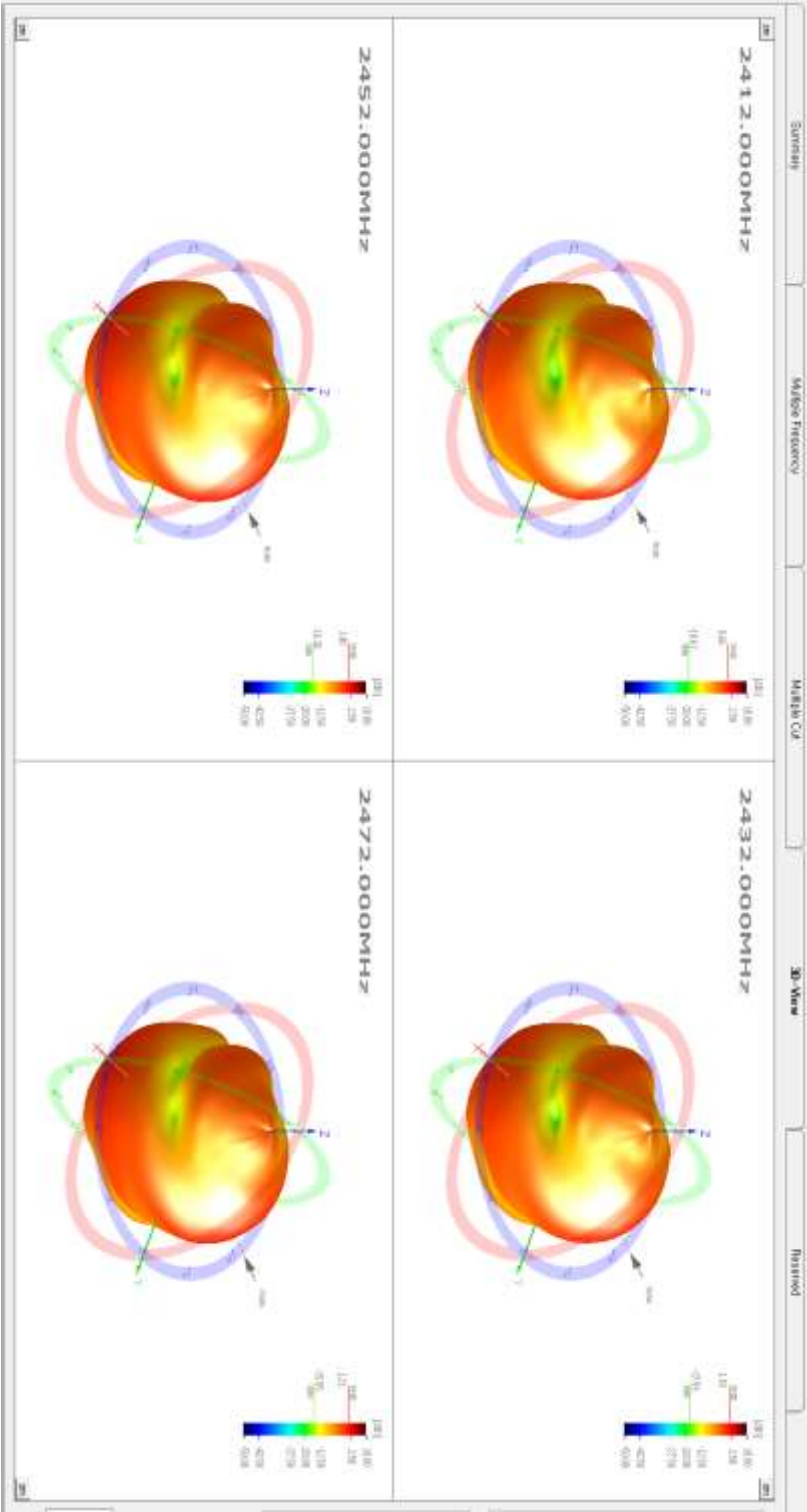
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- 3D Radiation Pattern



[2.4G BLE]

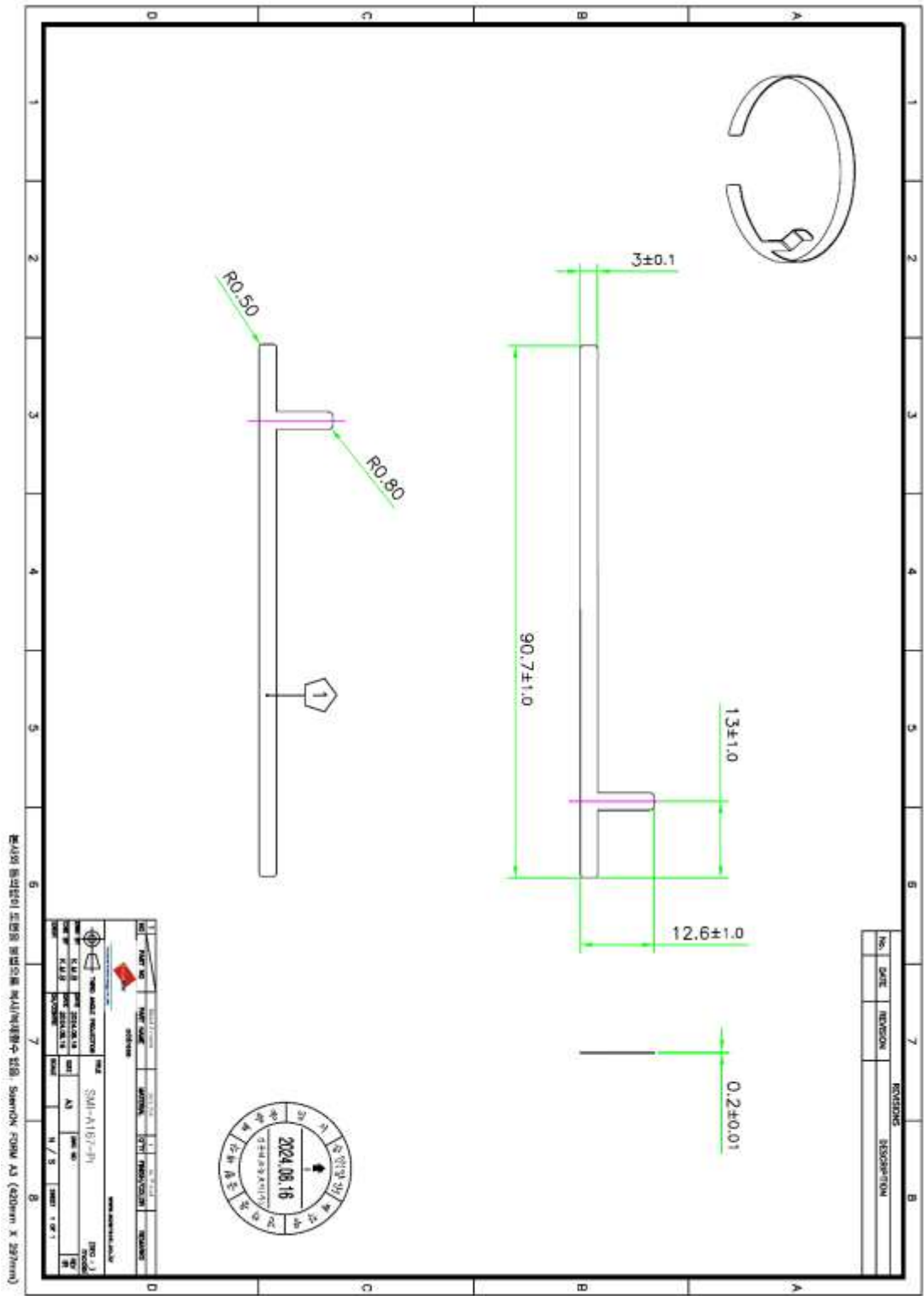
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5. 2D Drawing



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