
Ant-DBM050 Antenna Specifications

Product Specification

Press-release v0.1

MyAntenna

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1 Overview

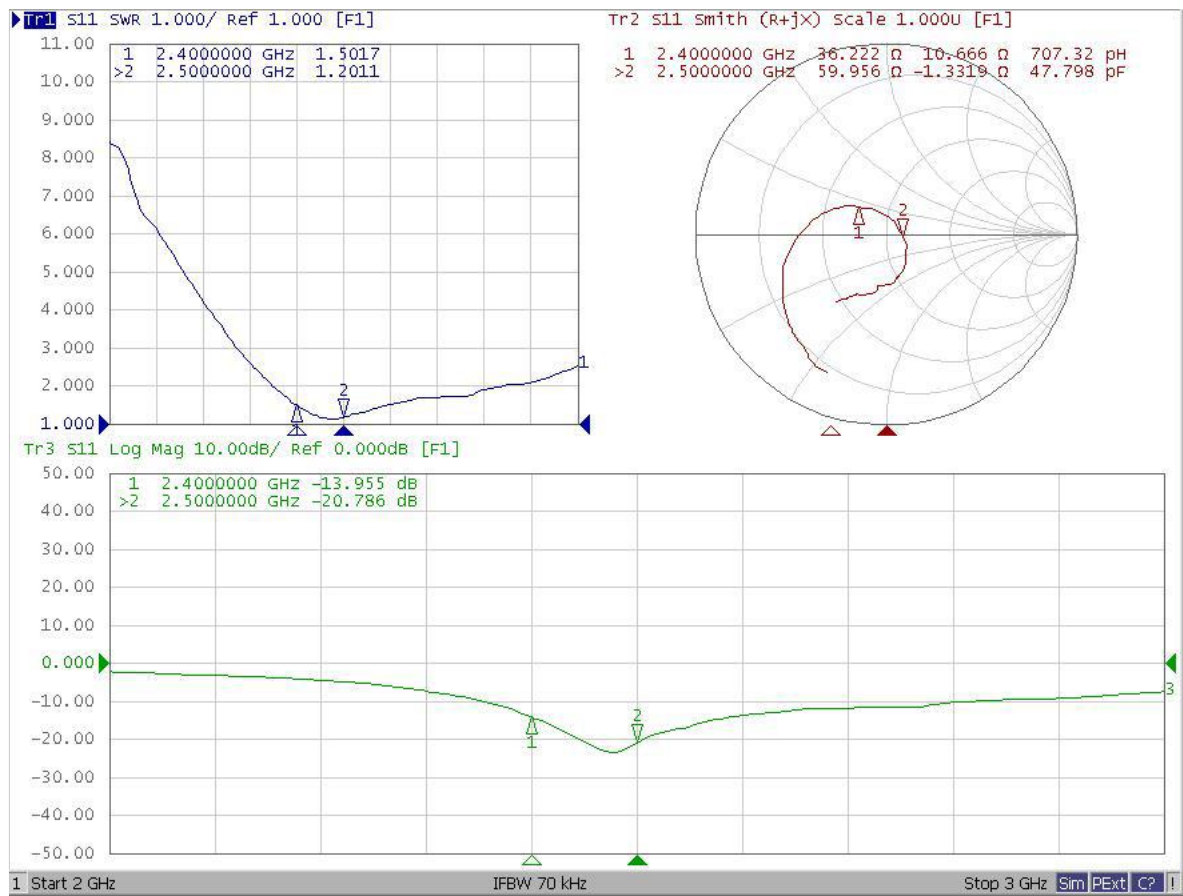
- Model: Ant-DBM050
- PCB Antenna
- 2dBi Gain
- 12.3*5.71*0.8mm

2 Specifications

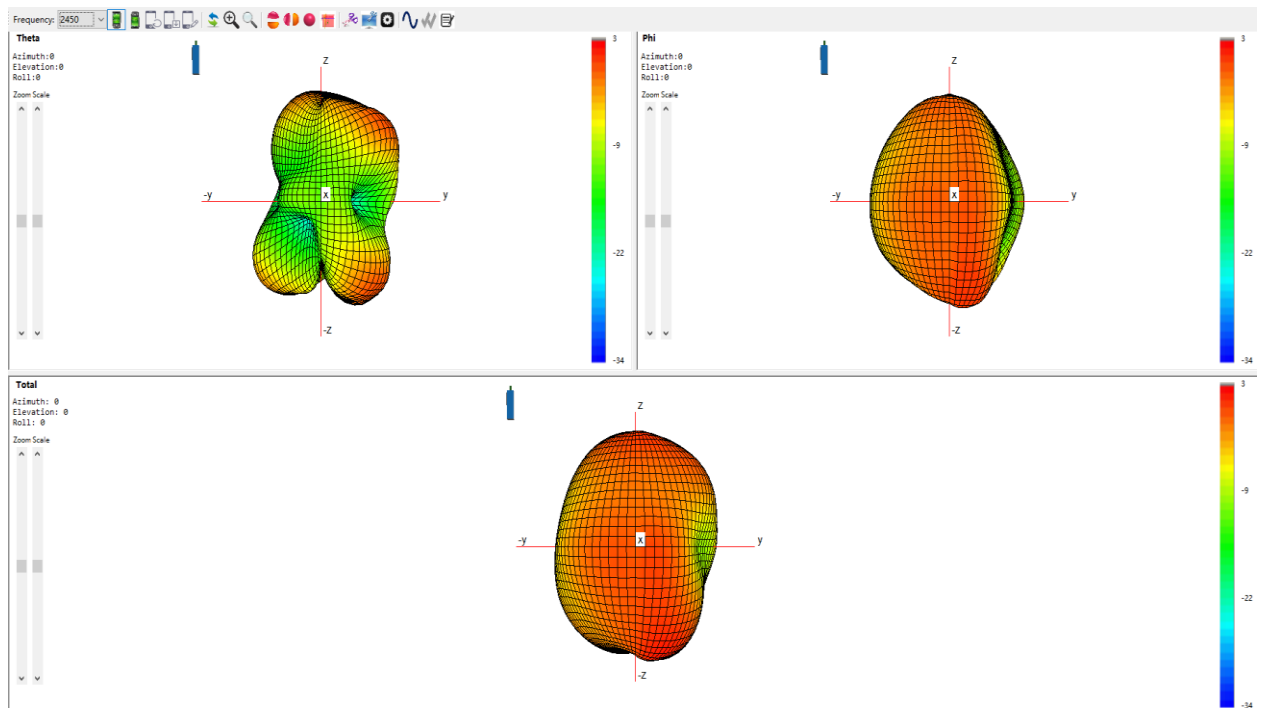
Parameters	Specifications
Frequency Bands, MHz	2400-2500
VSWR (Max)	2.0:1
Peak Gain, dBi (Typ)	Up to 4.2
Nominal Impedance	50 Ω
Max Power (ambient temp of 25°C)	2 Watts
Azimuth Beam Width (deg)	Omnidirectional
Polarization	Linear, Omnidirectional
Radome	PCB
Storage Temperature Range (°C)	-40° C to +85° C
Operational Temperature Range (°C)	-40° C to +80° C
Material Substance Compliance	REACH/RoHS Compliant

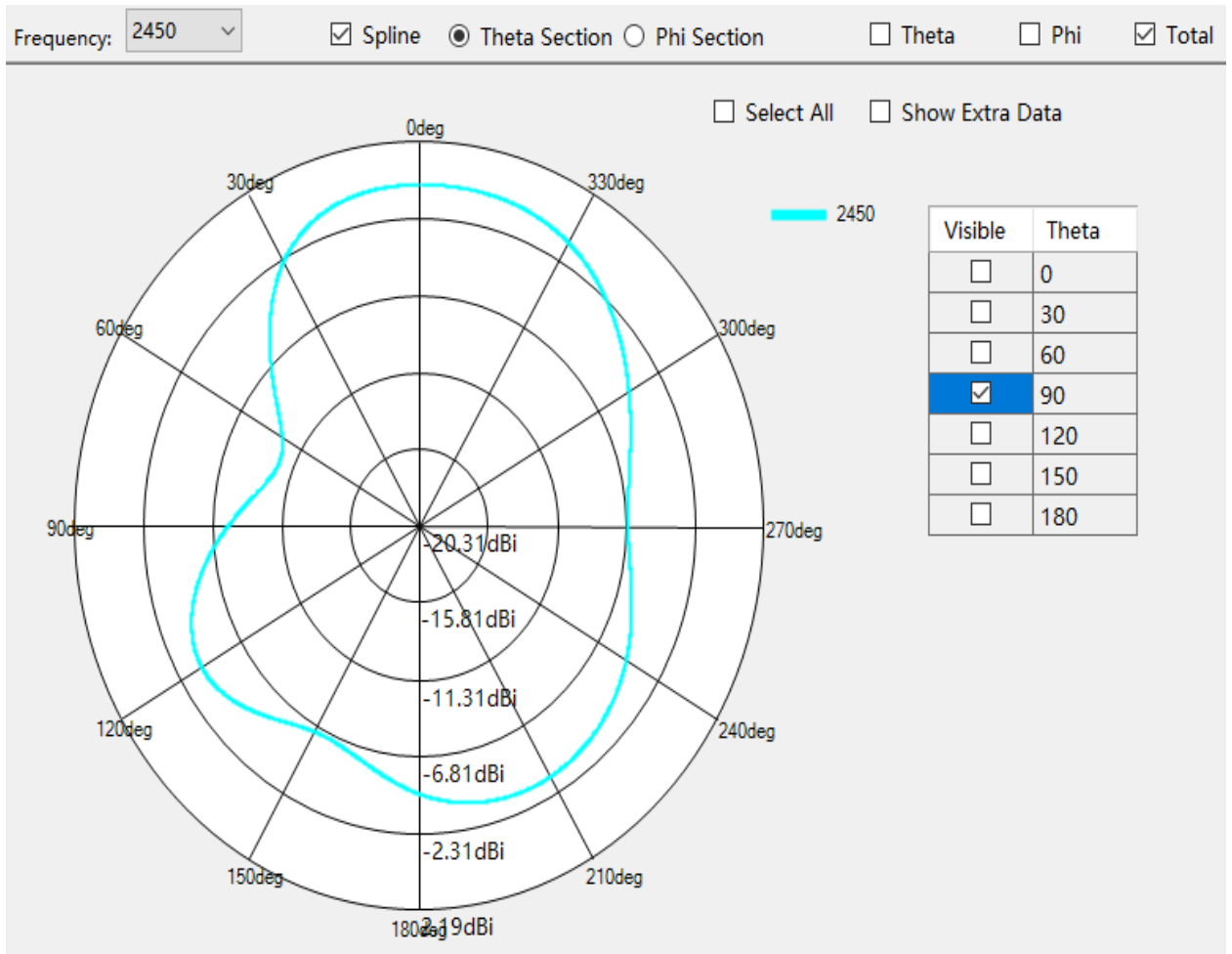
3 Electrical Characteristics

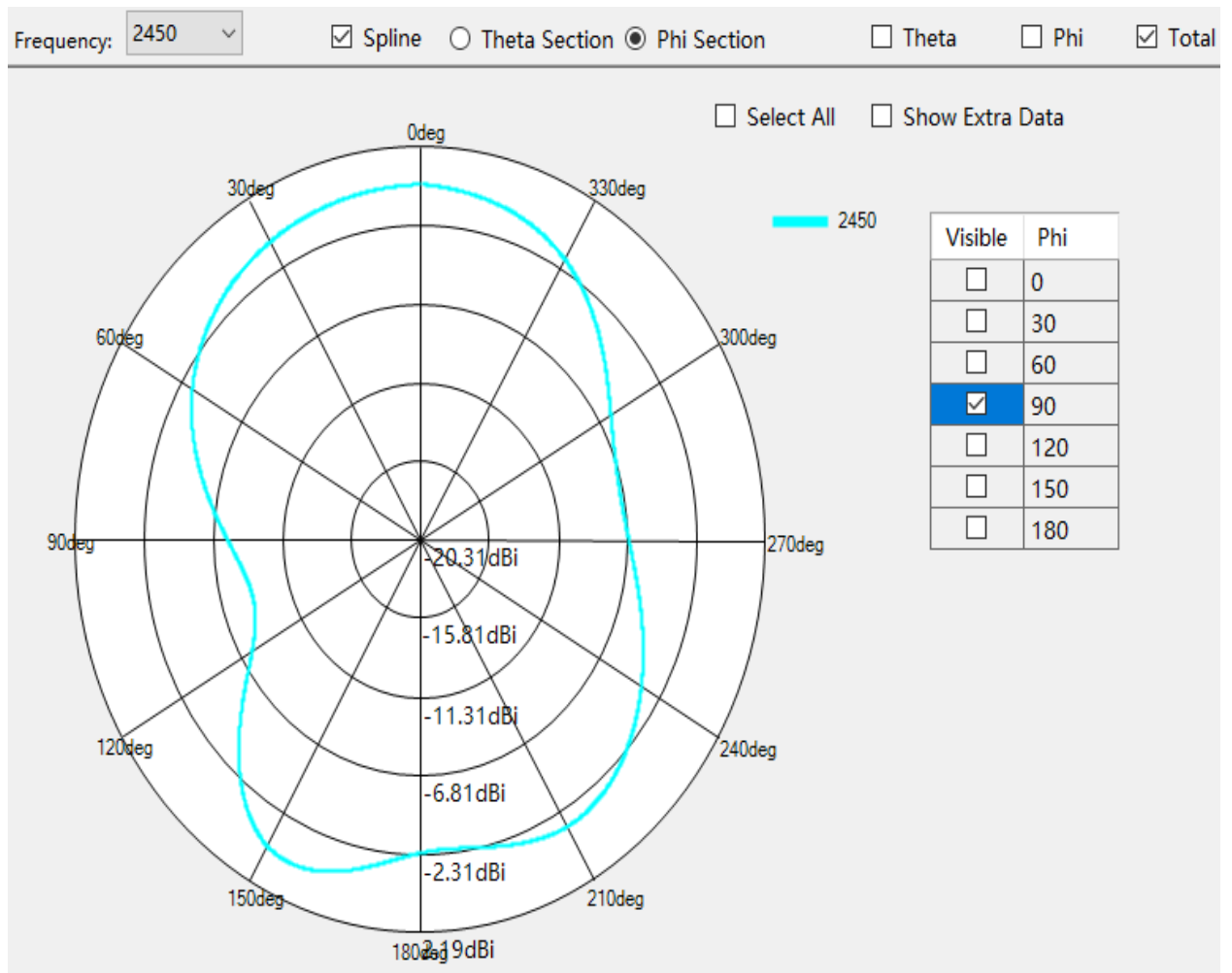
Freq/MHz	VSWR	Gain/dB	Efficiency/%
2400	1.29	1.67	52.59
2410	1.28	1.7	52.25
2420	1.26	1.8	52.48
2430	1.22	1.89	52.47
2440	1.13	1.96	53.75
2450	1.08	2.18	54.87
2460	1.07	2.15	54.22
2470	1.05	2.09	53.69
2480	1.12	1.99	52.46
2490	1.25	1.81	52.36
2500	1.34	1.56	51.63

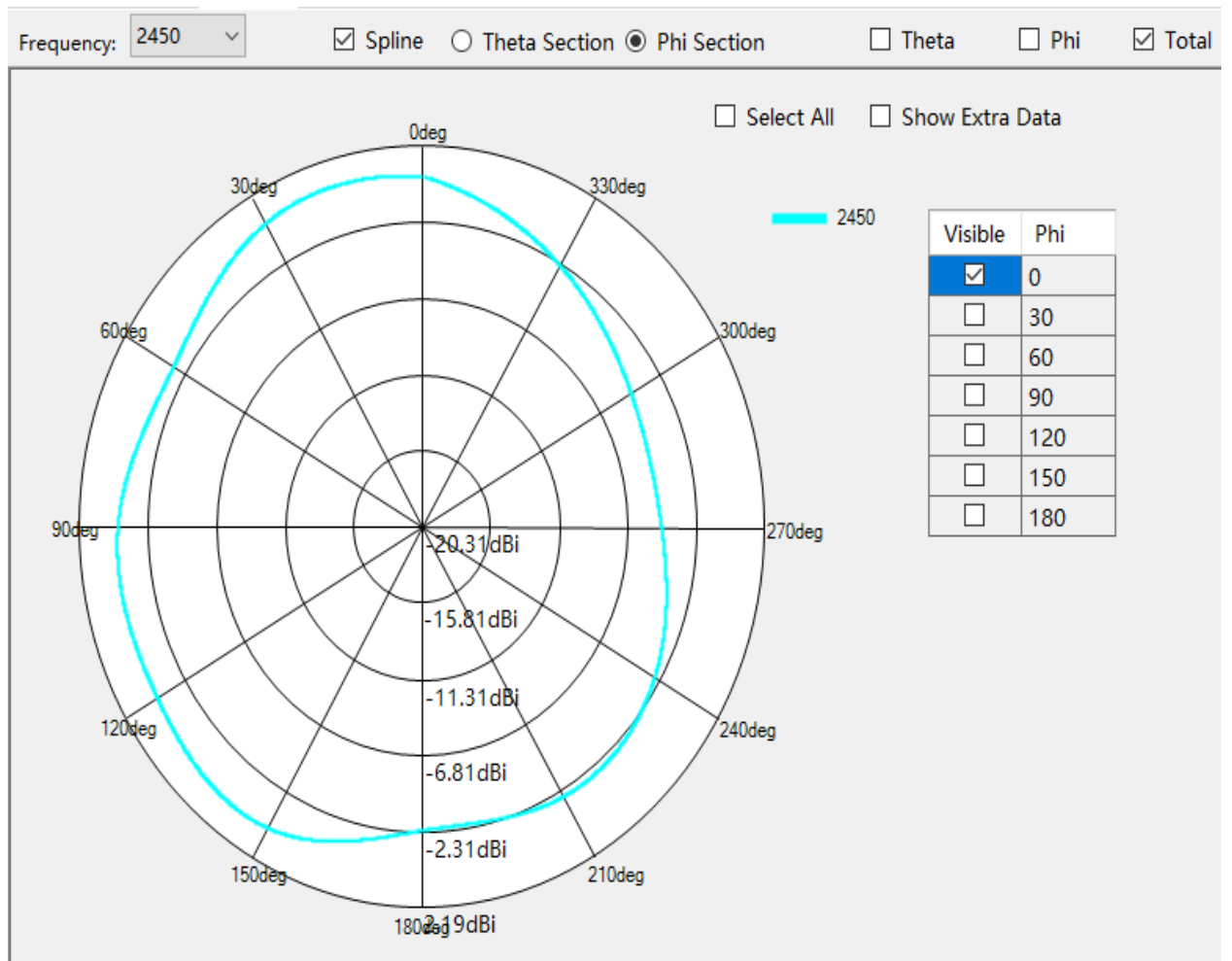


4 Pattern Radiation

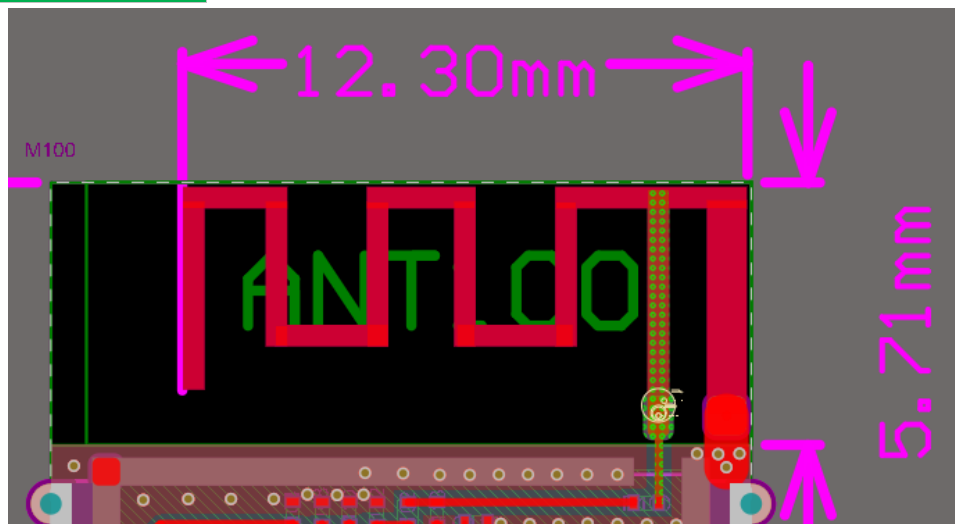








5 Mechanical



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