

Data Sheet

CUSTOMER: Wistron

CUSTOMER P/N : 025.902LC.0001

MODEL NAME: VS20861

AWAN P/N: AYP6Y-100694



14F., No. 217, Sec. 3, Beixin Rd., Xindian Dist.,
New Taipei City 231, Taiwan (R.O.C.)

TEL : 886-2-8913-1939

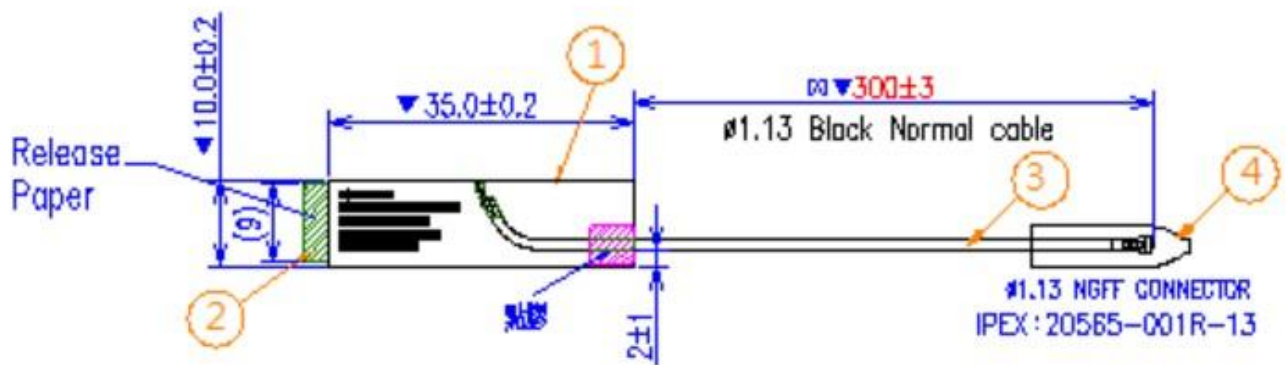
FAX : 886-2-8913-2538

Http : [//www.awan-ant.com](http://www.awan-ant.com)

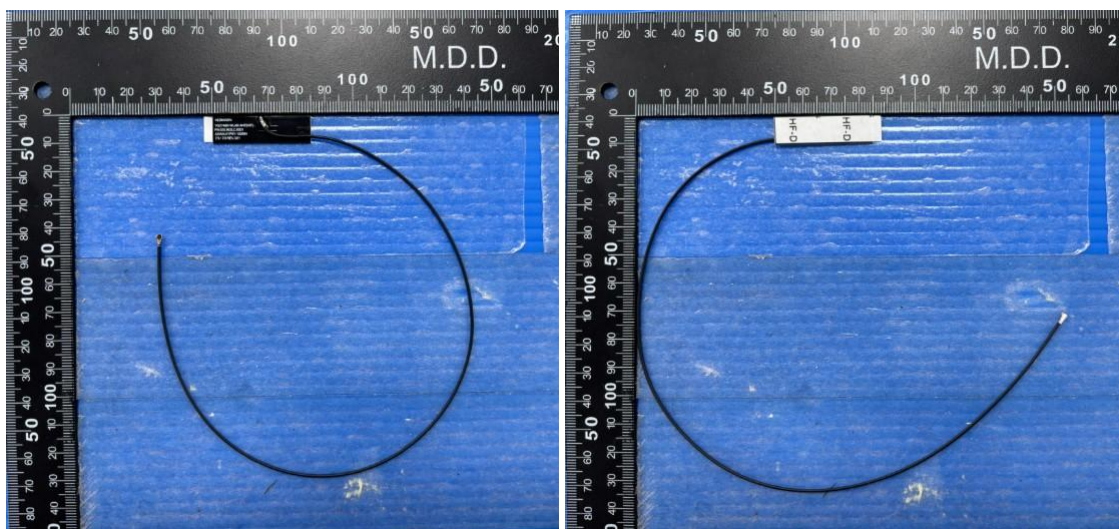
1.Specification

Antenna Physical Type	PCB Antenna	
Antenna Radiation Type	Dipole	
Connector Type	I-PEX Connector for 1.13 cable	
Cable Type	OD 1.13 RF Cable	
Impedance	50Ω	
Polarization	Linear	
Frequency	2.40~2.50 GHz	3.0 Max
	5.15~5.85 GHz	
VSWR	2.40~2.50 GHz	3.0 Max
	5.15~5.85 GHz	
Peak gain(dBi)	2.40~2.50 GHz	2.40 dBi(Max)
	5.15~5.85 GHz	2.55 dBi(Max)
Cable length	300 mm, Black	

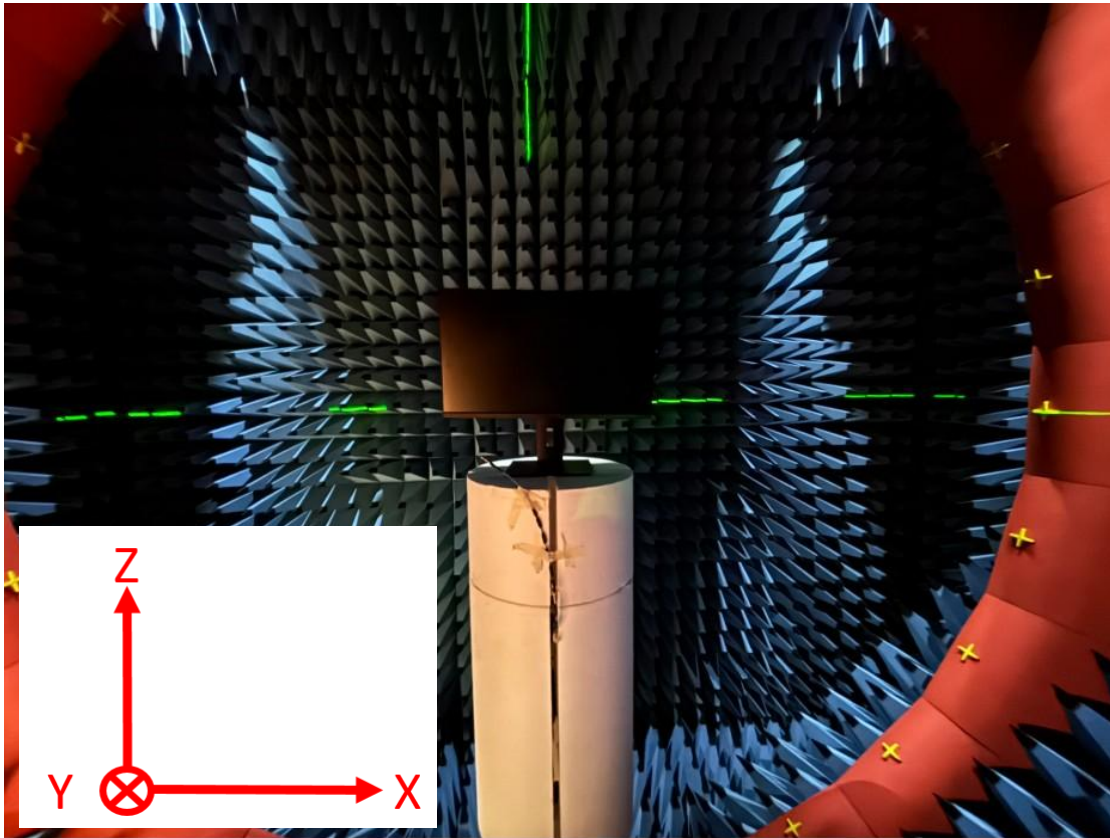
2.Drawing



3.Dimensioned Photo

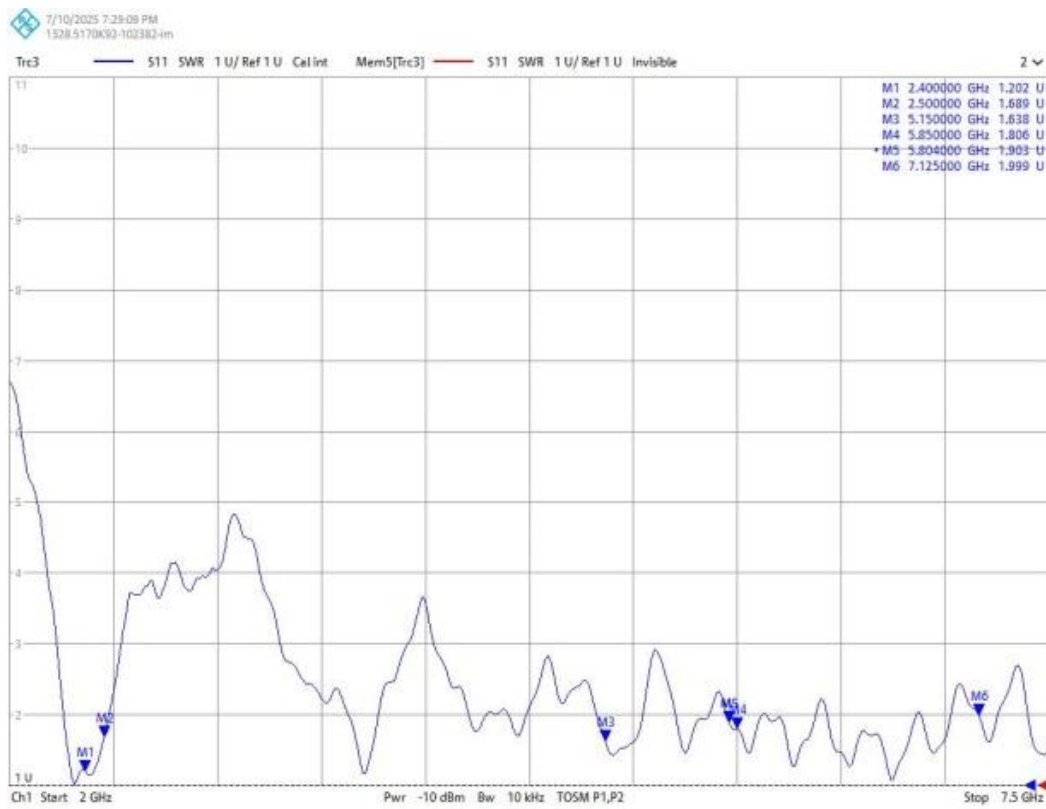


4.Setup photo

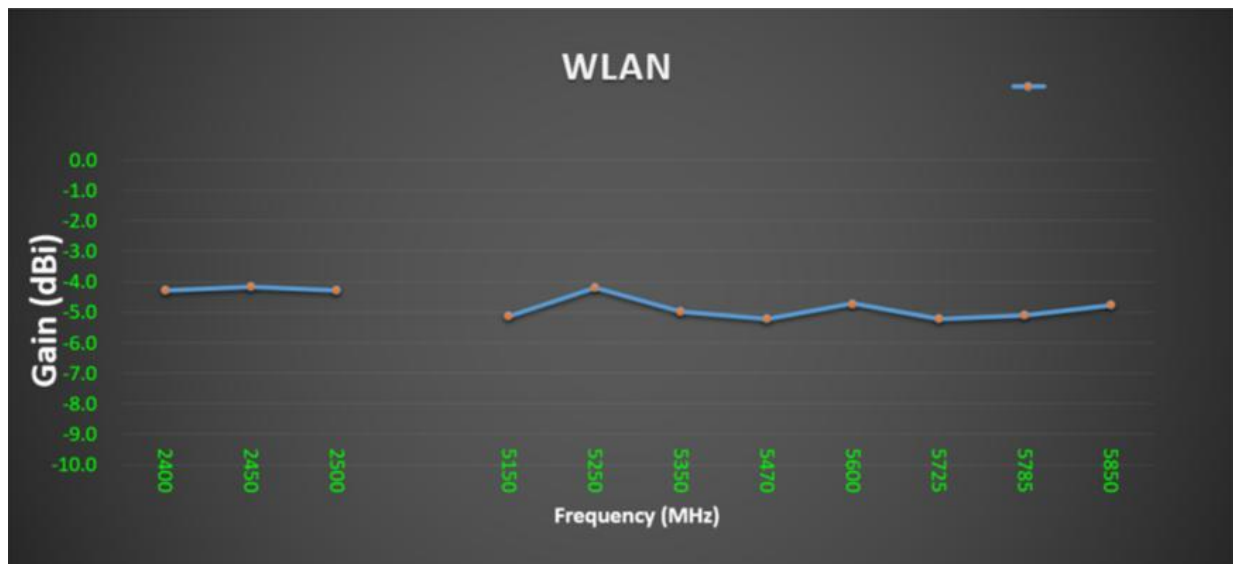


5. Antenna Characteristics

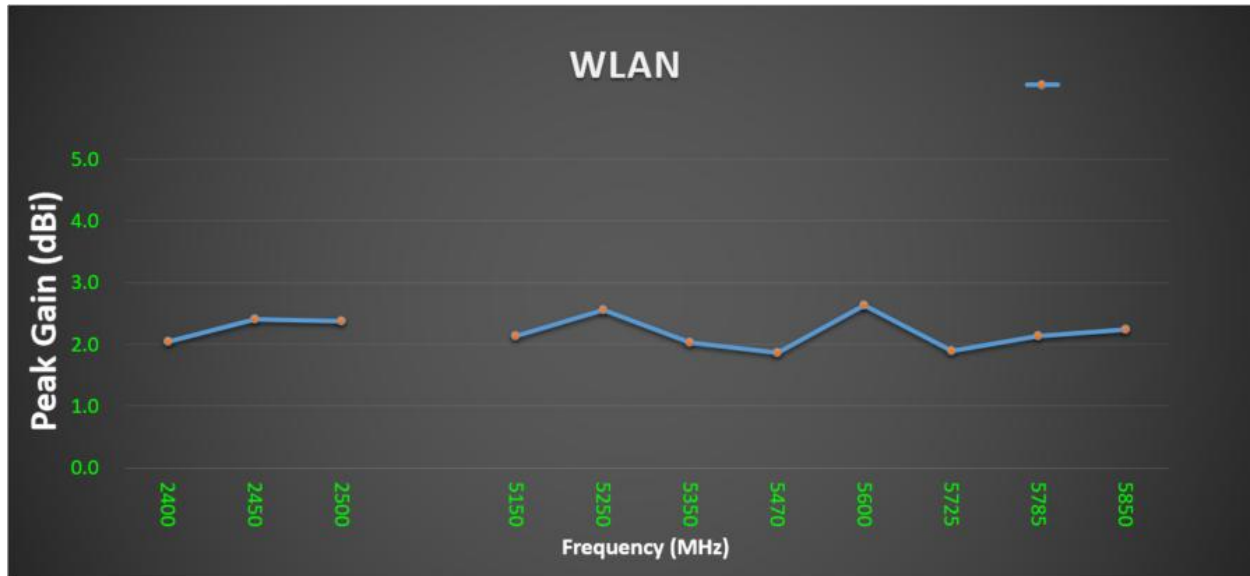
5.1. VSWR



5.2. Average Gain



5.3. Peak Gain



5.4. Peak Gain and Efficiency

Frequency(MHz)	Peak Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	2.04	-4.27	37.42
2450	2.40	-4.15	38.42
2500	2.37	-4.27	37.39
5150	2.14	-5.13	30.69
5250	2.55	-4.18	38.22
5350	2.03	-4.97	31.84
5470	1.87	-5.22	30.04
5600	2.64	-4.72	33.76
5725	1.90	-5.22	30.09
5785	2.13	-5.10	30.91
5850	2.24	-4.76	33.43

6. Antenna Radiation Patterns

