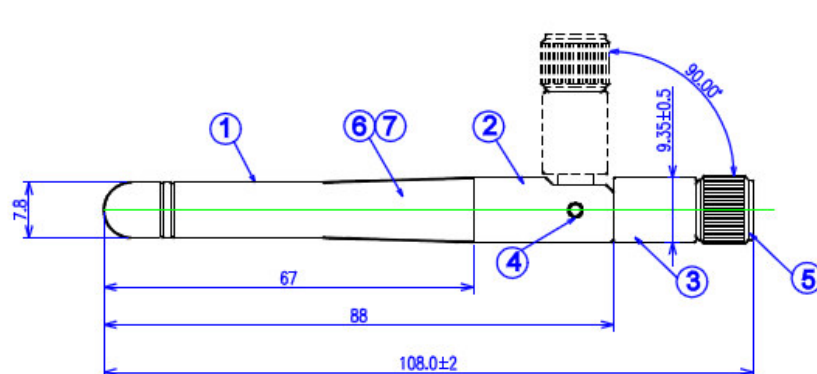


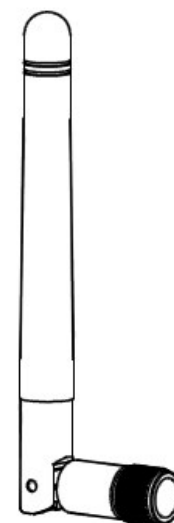
AWAN P/N	A8EEE-000003
SENAO P/N	7102A0559000

Rev.	EC#	Description	Drawn/Date	Checked/Date	Approved/Date
X1		NEW RELEASE	Roy 05/12/22'	Louis 05/12/22'	Louis 05/12/22'

Brand Name: AWAN
Model Name: 7102A0559000
Antenna Type: Dipole



RP-SMA PLUG
公頭母針



Electrical Properties	
Frequency	2400~2500 MHz
Impedance	50 Ohm Nominal
VSWR	2.0MAX
Gain	2dBi
Polarization	-
Mechanical Properties	
CASE	TPEE
CONNECTOR	RPSMA
COLOR	Black
Operating Temp	-45 ~ +85 °C
Waterproof level	無

7	RG178 CABLE	1		Cable
6	Grounding copper pipe	1		Copper
5	SMA公頭	1		CONN
4	PC/FBT ALLOY A724	2		PC/FBT ALLOY A724
3	PC/FBT ALLOY A724	1		PC/FBT ALLOY A724
2	PC S2000/R	1		PC S2000/R
1	Antenna Cover	1		TPEE S201HA
Item	Name	Q'ty	Part #	Material / Finish
Version	Revision	Date	 ADE-108WBB DIPOLE_ANT_HF	
General	X	05/12/22'		
Drawn	X	05/12/22'		
Check	X	05/12/22'		
Scale	1 : 1	05/12/22'	 ADE-108WBB DIPOLE_ANT_HF	
Sheet	1 OF 1	05/12/22'		
Unit	mm	05/12/22'		
Customer Drawing				

HALOGEN FREE

Address : Rm. F, B2., No. 207-1, Sec. 3, Beixin Rd., Xindian Dist., New Taipei City , Taiwan (R.O.C.)





AWAN Dipole_BT Report

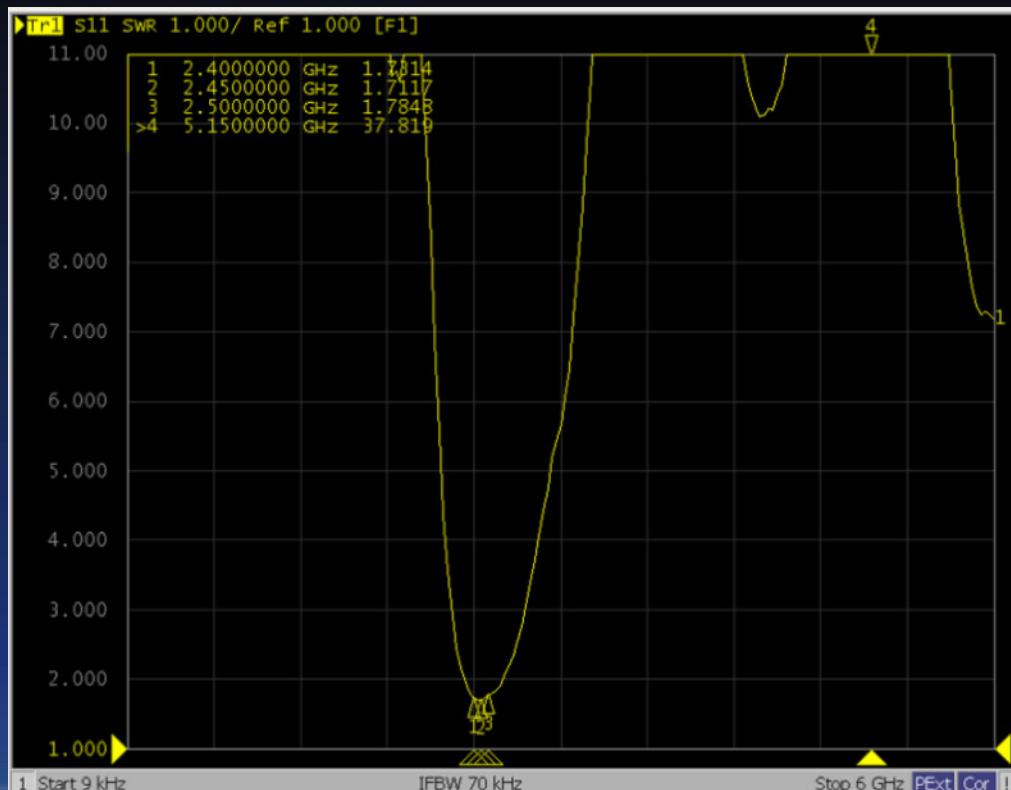
*ADVANCED WIRELESS & ANTENNA
INC.*

Antenna proposal and specification

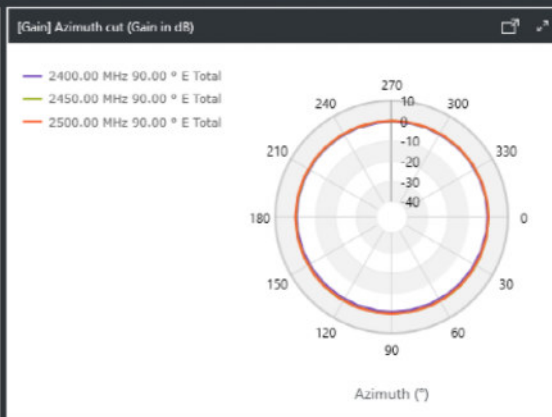
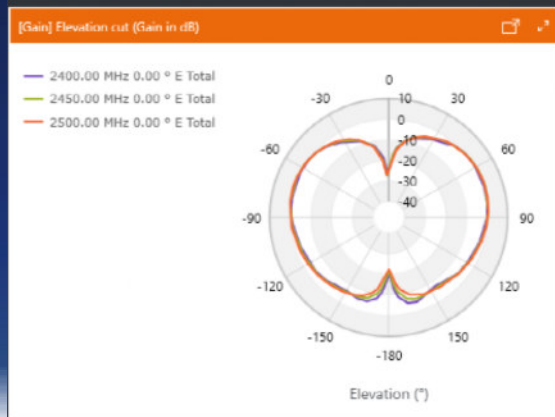
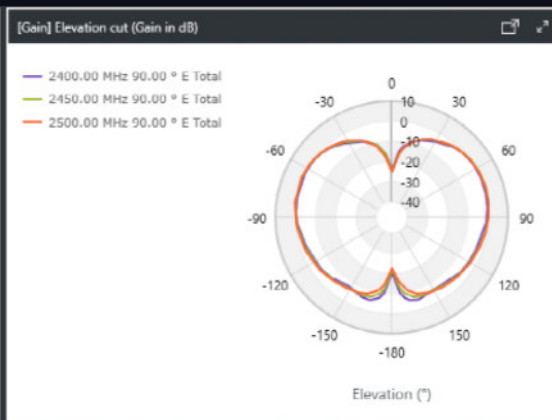
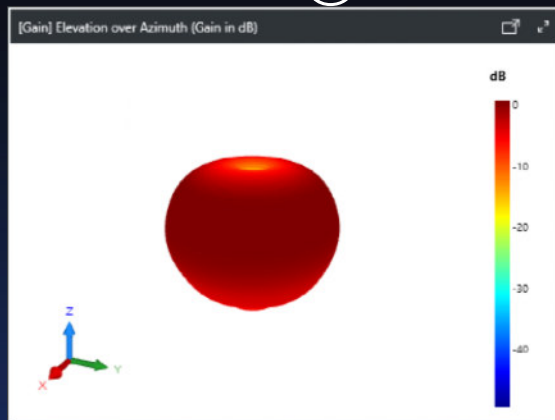


Antenna Proposal	
Antenna type	•Dipole
Measurement data	
VSWR	•VSWR < 2
Peak Gain	•2.4 ~ 2.5 G 2dBi $\pm$ 0.5dBi
Efficiency	•2.4 ~ 2.5 G 75 ~ 80%

VSWR



2D & 3D Radiation @2GHz



EFF. & Peak Gain

Frequency (MHz)	E-total (dBi)	Efficiency (dB)	Efficiency (%)
2400	1.92	-1.96	82.9
2450	1.75	-1.78	79.62
2500	1.61	-2.10	75.61