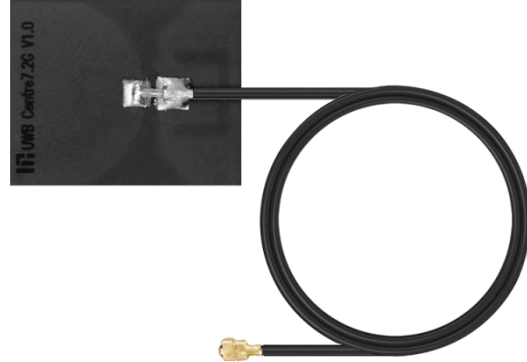


UWB 5-8G 21x16.5L100ZP FPC Antenna

FEATURES



- 3.83 dBi Peak Gain
- Welding RG 1.13 cable, Ipex connector, 3M sticker for easy installation.
- Mounting to: non-conductive surface
- Installation type: adhesive
- Widely used in fields such as wireless multimedia communication, radar, precision positioning, wall penetration detection, imaging, and measurement

PRODUCTS

Part No.	Weight	Dimensions (L x WxH)	Cables Dimensions	Connector	Color
M01-0400910R0A	0.60g	FPC:16.5*21.0*0.2 mm	Φ 1.13*100mm	IPX1	Black

SPECIFICATIONS

PARAMETER	SPECIFICATION
Frequency Bands, MHz	5000-8000
VSWR (Max)	3.0:1
Peak Gain, dBi (Typ)	Up to 3.83
Nominal Impedance	50 Ω
Max Power (ambient temp of 25°C)	10 Watts
Azimuth Beam Width (deg)	Omnidirectional
Polarization	Linear
Color	Black
Storage Temperature Range (°C)	-40° C to +85° C
Operational Temperature Range (°C)	-40° C to +85° C
Material Substance Compliance	REACH/RoHS Compliant

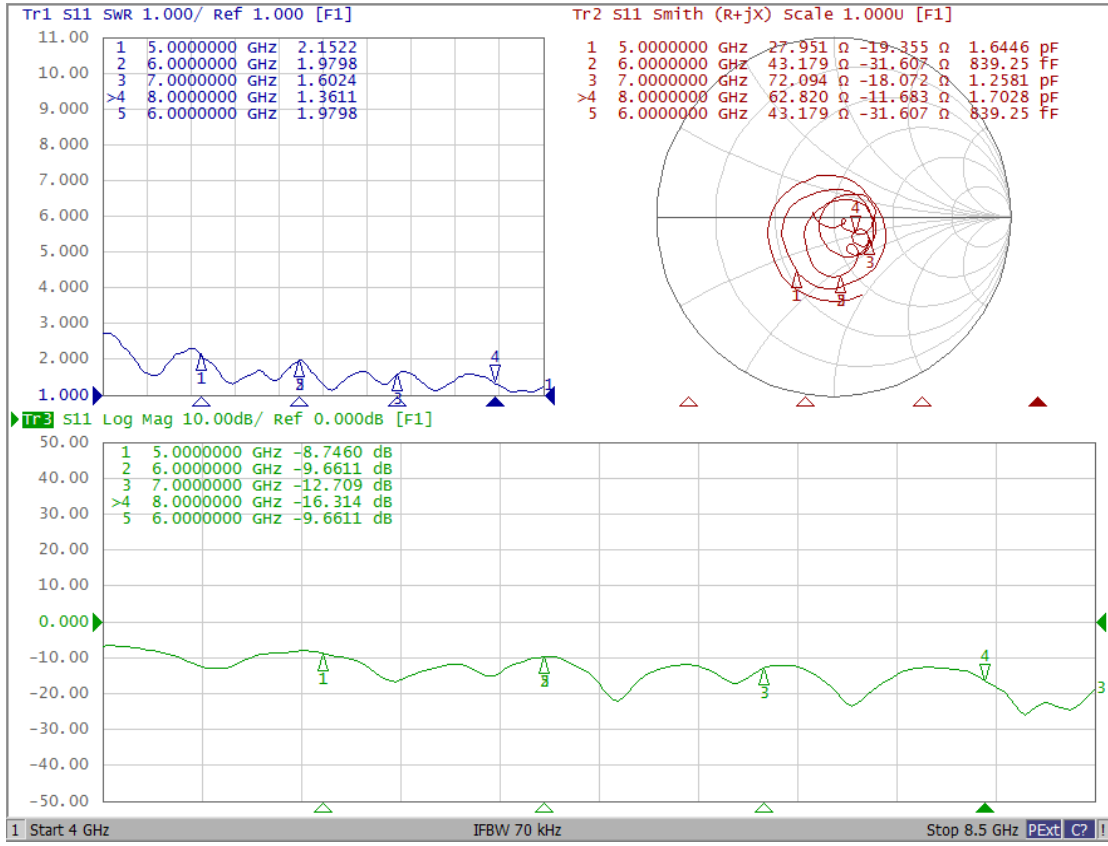
MyAntenna RF Technology Co., Ltd

ADD:No.RM 410, Country Garden Phoenix Wisdom Valley, No. 50 Tiezai Road, Baoan District, Shenzhen, P.R.China.

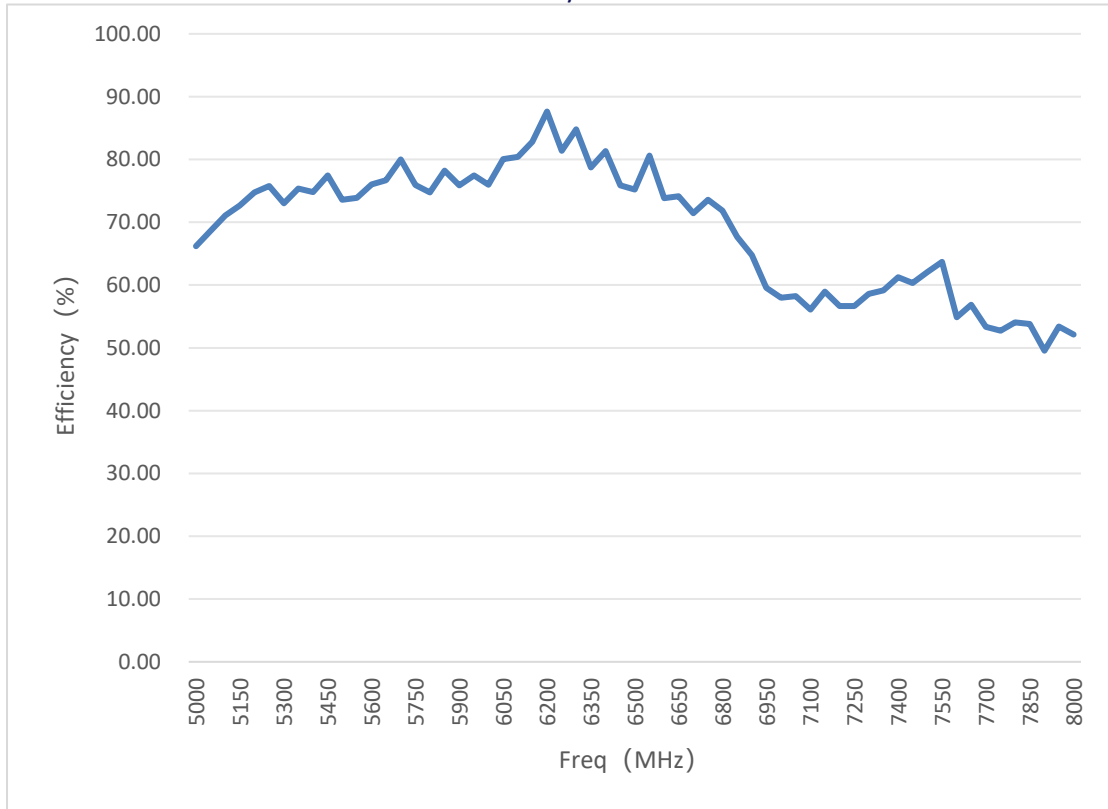
TEL: +86-0755-86503881 E-mail: nfc@imyantenna.com

ELECTRICAL DATA

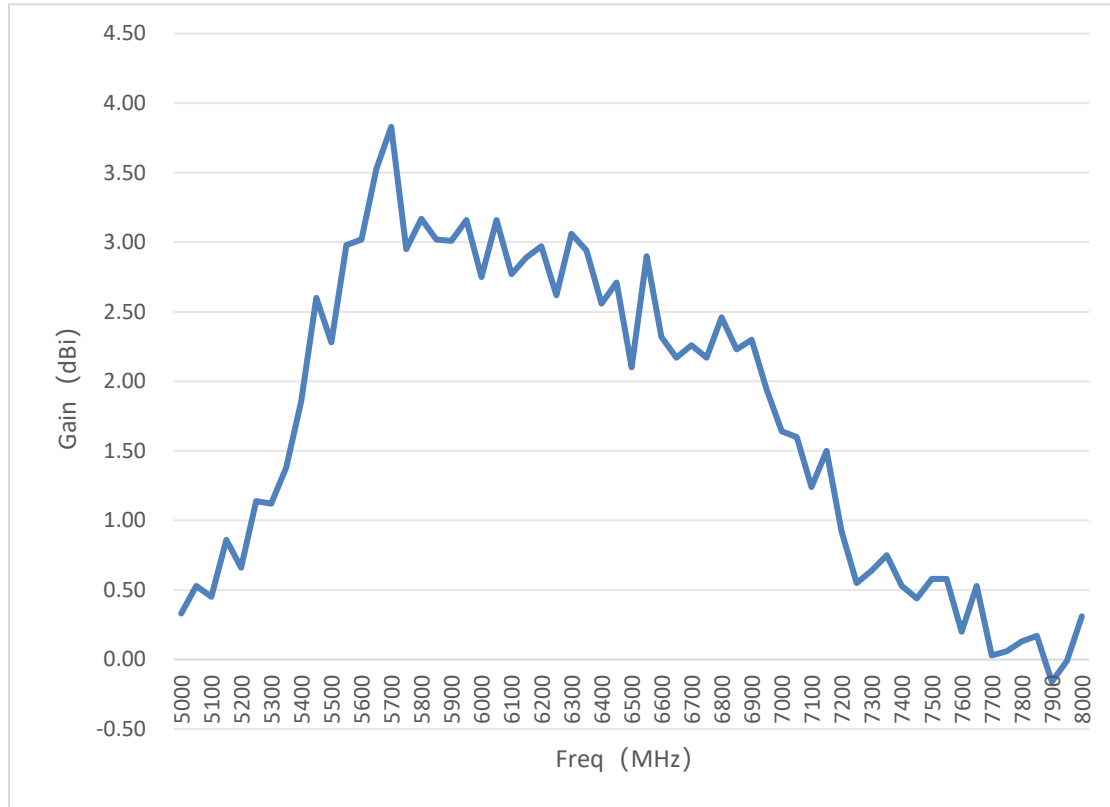
VSWR



Efficiency (%)



Peak Gain (dBi)

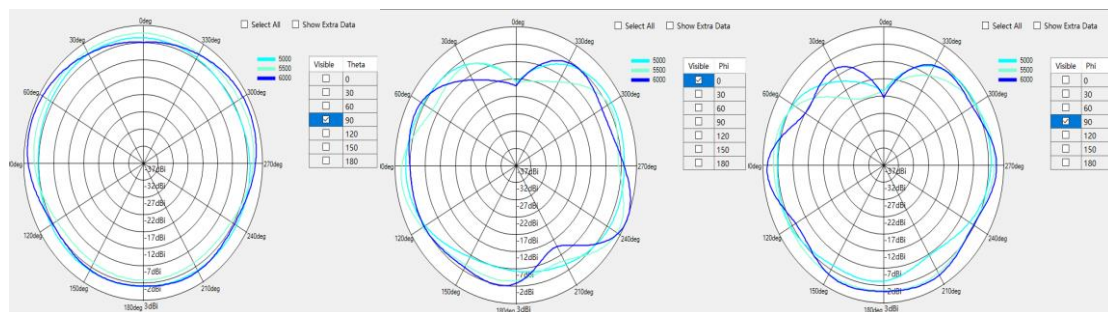


Freq (MHz)	Gain (dBi)	Efficiency (%)	Freq (MHz)	Gain (dBi)	Efficiency (%)
5000	0.33	66.21	6550	2.90	80.59
5050	0.53	68.61	6600	2.32	73.84
5100	0.45	71.06	6650	2.17	74.16
5150	0.86	72.65	6700	2.26	71.46
5200	0.66	74.76	6750	2.17	73.58
5250	1.14	75.78	6800	2.46	71.83
5300	1.12	73.03	6850	2.23	67.65
5350	1.38	75.37	6900	2.30	64.77
5400	1.86	74.81	6950	1.94	59.57
5450	2.60	77.46	7000	1.64	57.99
5500	2.28	73.58	7050	1.60	58.26
5550	2.98	73.87	7100	1.24	56.09
5600	3.02	76.01	7150	1.50	58.93
5650	3.53	76.67	7200	0.92	56.68
5700	3.83	80.01	7250	0.55	56.64
5750	2.95	75.90	7300	0.64	58.59
5800	3.17	74.76	7350	0.75	59.15
5850	3.02	78.20	7400	0.53	61.23

5900	3.01	75.85	7450	0.44	60.33
5950	3.16	77.45	7500	0.58	62.04
6000	2.75	76.00	7550	0.58	63.68
6050	3.16	80.08	7600	0.20	54.87
6100	2.77	80.41	7650	0.53	56.85
6150	2.89	82.83	7700	0.03	53.35
6200	2.97	87.63	7750	0.06	52.71
6250	2.62	81.38	7800	0.13	54.03
6300	3.06	84.82	7850	0.17	53.82
6350	2.94	78.71	7900	-0.16	49.55
6400	2.56	81.34	7950	-0.01	53.37
6450	2.71	75.89	8000	0.31	52.11
6500	2.10	75.23			

RADIATION PATTERNS

2D Radiation Pattern at 5500MHz Gain=2.28dBi

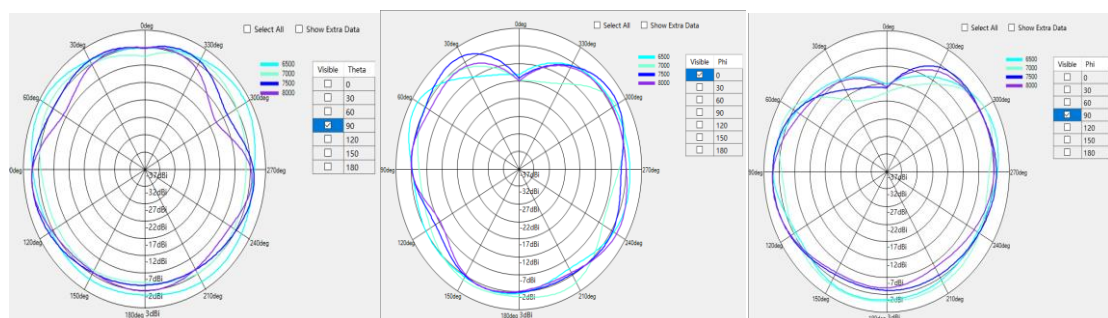


H

E1

E2

2D Radiation Pattern at 7500MHz Gain=0.58dBi

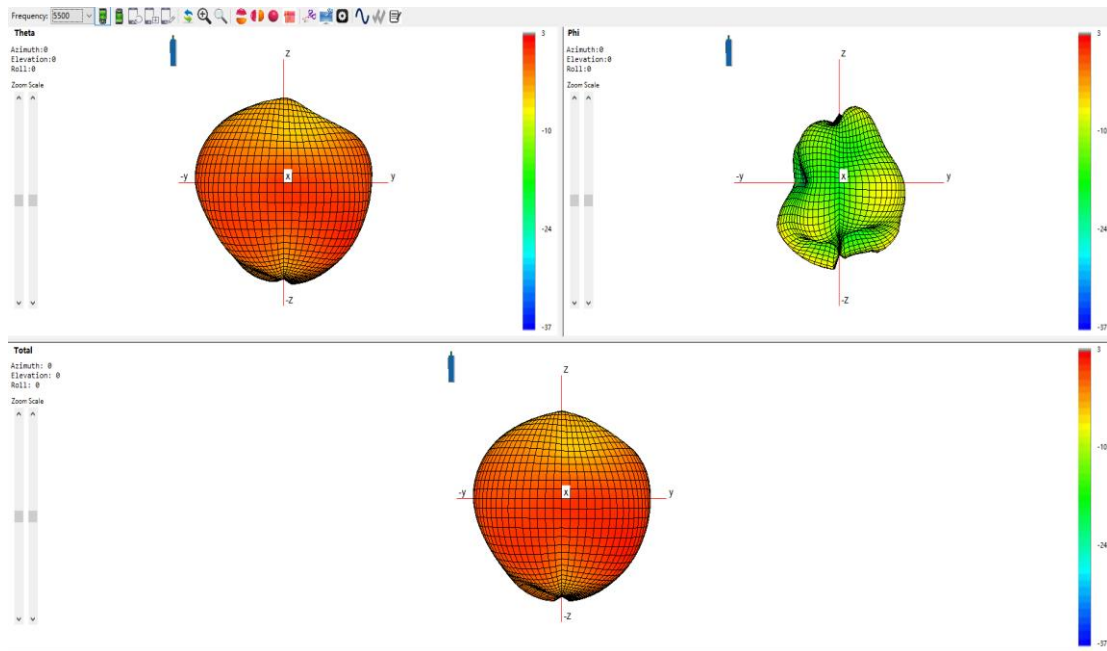


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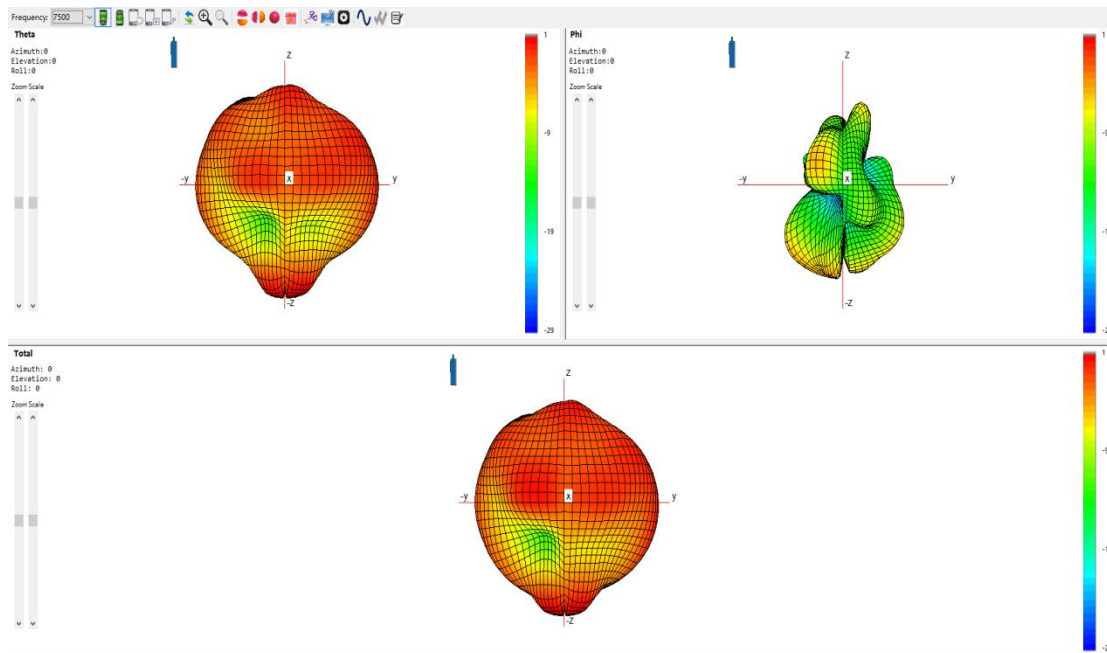
E1

E2

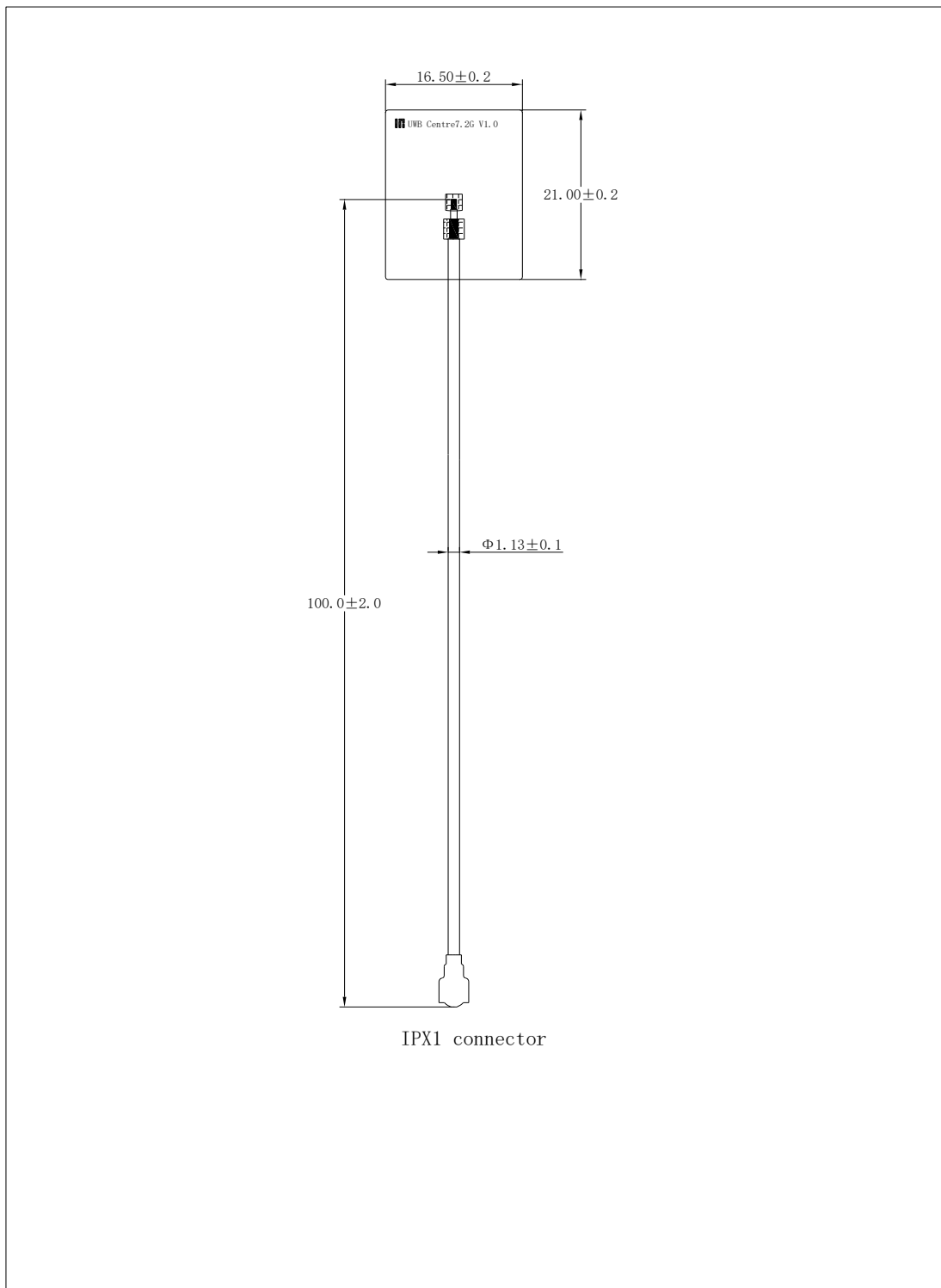
3D Radiation Pattern at 5500MHz Gain=2.28dBi



2D Radiation Pattern at 7500MHz Gain=0.58dBi



HOUSING CONFIGURATIONS



Aboosty™ is owned by Shenzhen MyAntenna RF Technology Co., Ltd. (often abbreviated as MyAntenna).