
PRODUCT SPECIFICATION

Customer:

Customer's part number:

Product description: 2.4G/5.8G Terminal Antenna

Uni Link's part number: TLB-2410-4.6B

Issue Date: 2022-4-6

Note: 2400-2500MHZ/5150-5800MHZ,SMA,
ROHS

Customer Use		Customer's authorized signature	Remarks
Full approved			
Conditional approved			
Rejected			

1、（PRODUCT TECHNICAL SPECIFICATION）

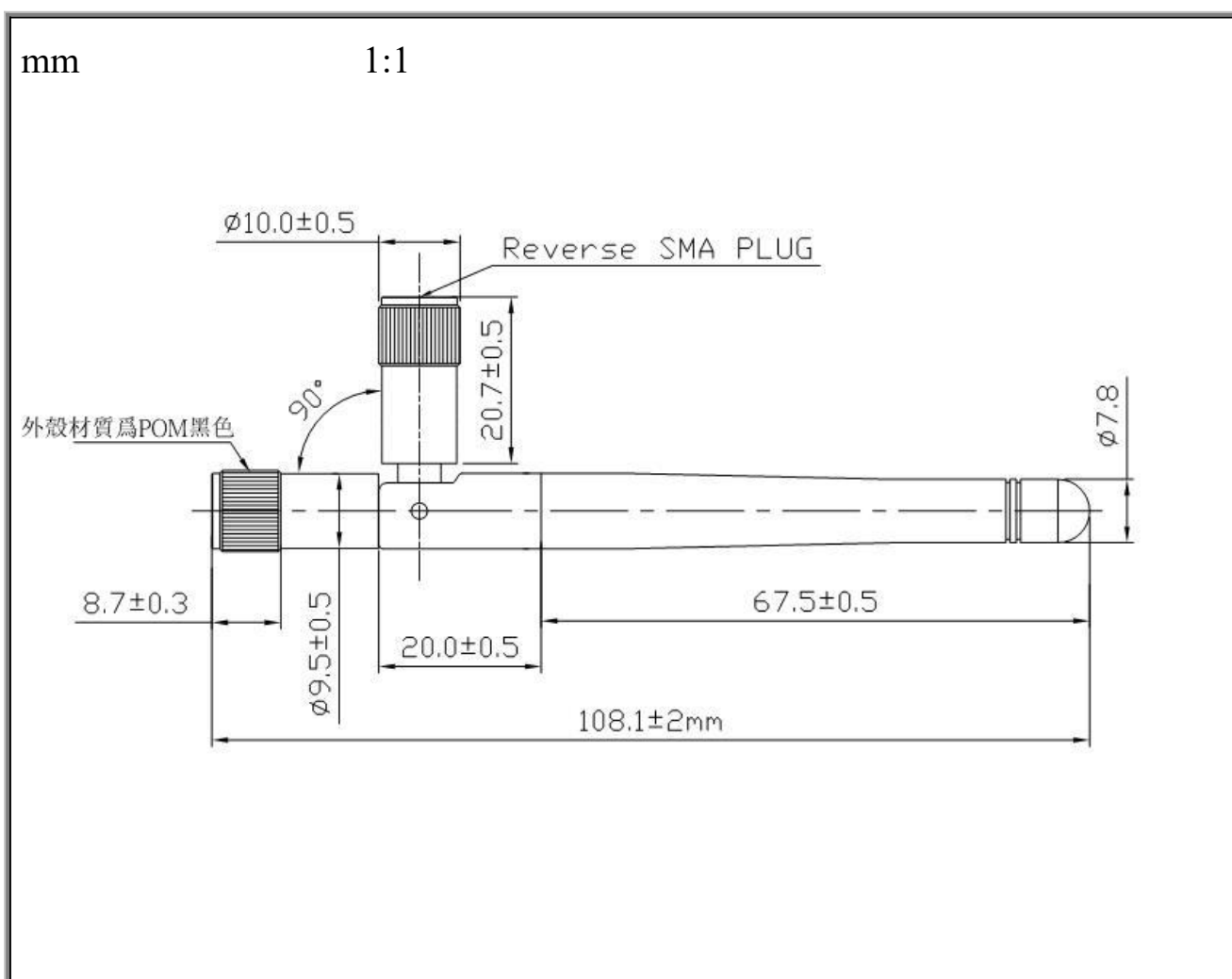
Electrical Specifications	
Frequency Range (MHz)	2400-2500/5150-5800
Bandwidth (MHz)	20
Input Impedence (Ω)	50
V.S.W.R	≤ 1.6
Gain (dBi)	2400-2500: 4.18 5150-5800: 5.09

Polarization Type	Vertical
Lightning Protection	PE
Power Capacity (w)	50
Mechanical Specifications	
Antenna Length (mm)	108mm
Radiator	Cuprum
Connect Type	SMA
Working Temp(°C)	-40-60
Storage Temperature(°C)	-20-40
Radome Color	B/W
Weight (g)	6.8

2、（PRODUCT PICTURE）



3、(PRODUCT SPECIFICATION CHART)



Test Point ID	Freq. (MHz)	TRP (dBm)	Gain (dB)	Directivity (dB)	Efficiency (%)	Efficiency (dB)	Max (dBm)	Theta of Max	Phi of Max	Min (dBm)	Theta of Min	Phi of Min	AVG (dBm)	Max/Min (dB)	Max/AVG (dB)	Min/AVG (dB)
1	2400.0	2400.00	2.88	5.93	49.5%	-3.05	2.88	9000	10680	-95.99	0	0	-3.25	98.87	6.13	-92.74
2	2410.0	2410.00	3.09	6.23	48.6%	-3.14	3.09	9000	10680	-95.99	0	0	-3.12	99.08	6.21	-92.87
3	2420.0	2420.00	3.60	6.55	50.7%	-2.95	3.60	9000	10680	-95.99	0	0	-2.70	99.59	6.30	-93.29
4	2430.0	2430.00	4.18	6.73	55.5%	-2.55	4.18	9000	10680	-95.99	0	0	-2.17	100.17	6.35	-93.82
5	2440.0	2440.00	3.68	6.58	51.3%	-2.90	3.68	9000	10680	-95.99	0	0	-2.59	99.67	6.28	-93.40
6	2450.0	2450.00	3.58	6.51	51.0%	-2.92	3.58	9000	10680	-95.99	0	0	-2.65	99.57	6.23	-93.34
7	2460.0	2460.00	3.52	6.39	51.6%	-2.88	3.52	9000	10680	-95.99	0	0	-2.62	99.51	6.13	-93.37
8	2470.0	2470.00	3.27	6.06	52.6%	-2.79	3.27	9000	10680	-95.99	0	0	-2.73	99.26	6.00	-93.26
9	2480.0	2480.00	3.20	5.68	56.6%	-2.47	3.20	9000	10680	-95.99	0	0	-2.79	99.19	5.99	-93.20
10	2490.0	2490.00	2.97	5.52	55.6%	-2.55	2.97	7500	10680	-95.99	0	0	-2.93	98.96	5.90	-93.06
11	2500.0	2500.00	3.09	5.48	57.6%	-2.39	3.09	9000	10680	-95.99	0	0	-2.84	99.08	5.93	-93.15
12	5150.0	5150.00	1.11	5.87	33.5%	-4.76	1.11	12000	10680	-95.99	0	0	-4.69	97.10	5.80	-91.30
13	5200.0	5200.00	1.08	5.45	36.6%	-4.37	1.08	12000	10680	-95.99	0	0	-4.92	97.07	6.01	-91.07
14	5250.0	5250.00	1.60	5.71	38.8%	-4.11	1.60	12000	10680	-95.99	0	0	-4.61	97.59	6.21	-91.38
15	5300.0	5300.00	3.07	6.32	47.3%	-3.25	3.07	12000	10680	-95.99	0	0	-3.48	99.06	6.56	-92.51
16	5350.0	5350.00	2.47	5.57	49.0%	-3.10	2.47	10500	12180	-95.99	0	0	-3.63	98.46	6.10	-92.36
17	5400.0	5400.00	2.10	6.09	39.9%	-3.99	2.10	7500	1500	-95.99	0	0	-4.33	98.09	6.43	-91.66
18	5450.0	5450.00	3.74	7.67	40.5%	-3.93	3.74	9000	0	-95.99	0	0	-3.89	99.73	7.63	-92.09
19	5500.0	5500.00	4.61	7.26	54.4%	-2.64	4.61	9000	1500	-95.99	0	0	-2.88	100.60	7.49	-93.11
20	5550.0	5550.00	4.08	7.26	48.2%	-3.17	4.08	9000	1500	-95.99	0	0	-3.83	100.07	7.92	-92.16
21	5600.0	5600.00	4.51	7.81	46.7%	-3.30	4.51	9000	0	-95.99	0	0	-4.01	100.50	8.52	-91.98
22	5650.0	5650.00	4.74	7.85	48.9%	-3.10	4.74	9000	0	-95.99	0	0	-3.58	100.73	8.32	-92.41
23	5700.0	5700.00	5.09	7.50	57.4%	-2.41	5.09	9000	1500	-95.99	0	0	-2.98	101.08	8.07	-93.01
24	5750.0	5750.00	4.31	7.23	51.0%	-2.93	4.31	9000	0	-95.99	0	0	-3.41	100.30	7.71	-92.58
25	5800.0	5800.00	2.81	6.86	39.3%	-4.05	2.81	9000	1500	-95.99	0	0	-4.88	98.80	7.70	-91.10

