



Electrical specifications @ 25° C – Operating Temperatures – 20°C to +65°C

Frequency Bands – 2400-2485MHZ

Antenna type	Nominal Impedance	Return Loss	Radiation pattern	Polarization	Power withstanding
Pifa	50Ω	N/A	Omni	Linear	3W

Frequency	2400-2485MHZ	5150-5875MHz
VSWR	< 2:1	< 2:1
Efficiency	50%	50%

Mechanical Specifications

Orderable PN: SZ3181B

Size – (Length x Wide x high)	Color	Weight	Connector Type
27.15x10.20x0.13mm	Black	0.075g	None

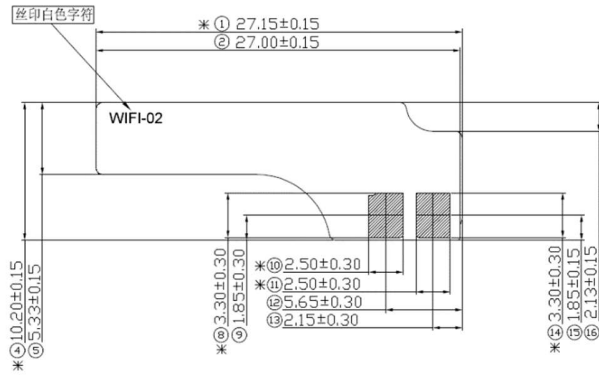
Supplier Name	Pulse (Suzhou) Wireless Products Co., Ltd
Product Name	DW200 WIFI antenna
Product part number	SZ3181B
Supplier Address	No.99 HuoJu Road, Suzhou New District Jiangsu Province, China 215009

Notes:

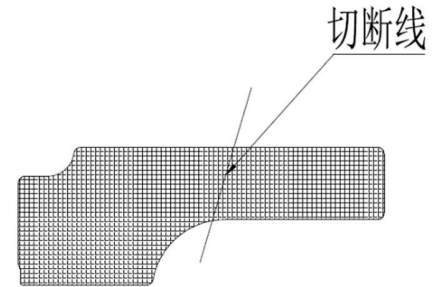
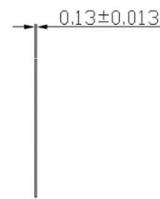
1. Storage Temperature: -40°C to 80°C

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Mechanical



正面油墨面

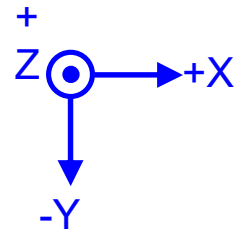
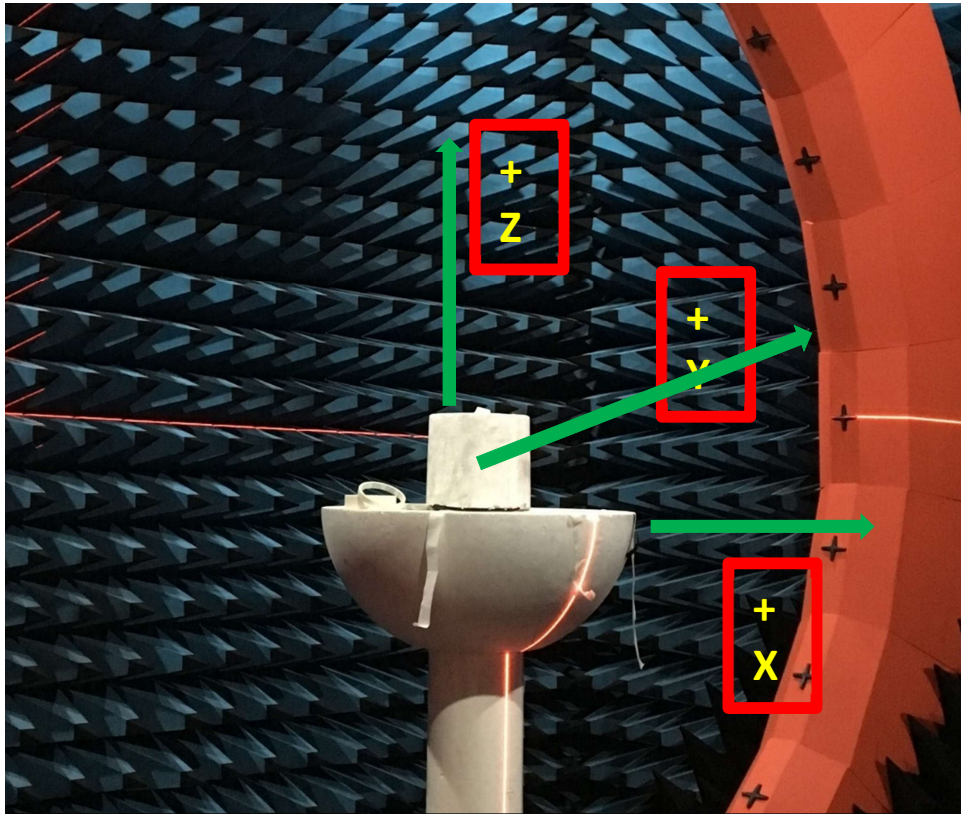


反面背胶面

Units: mm

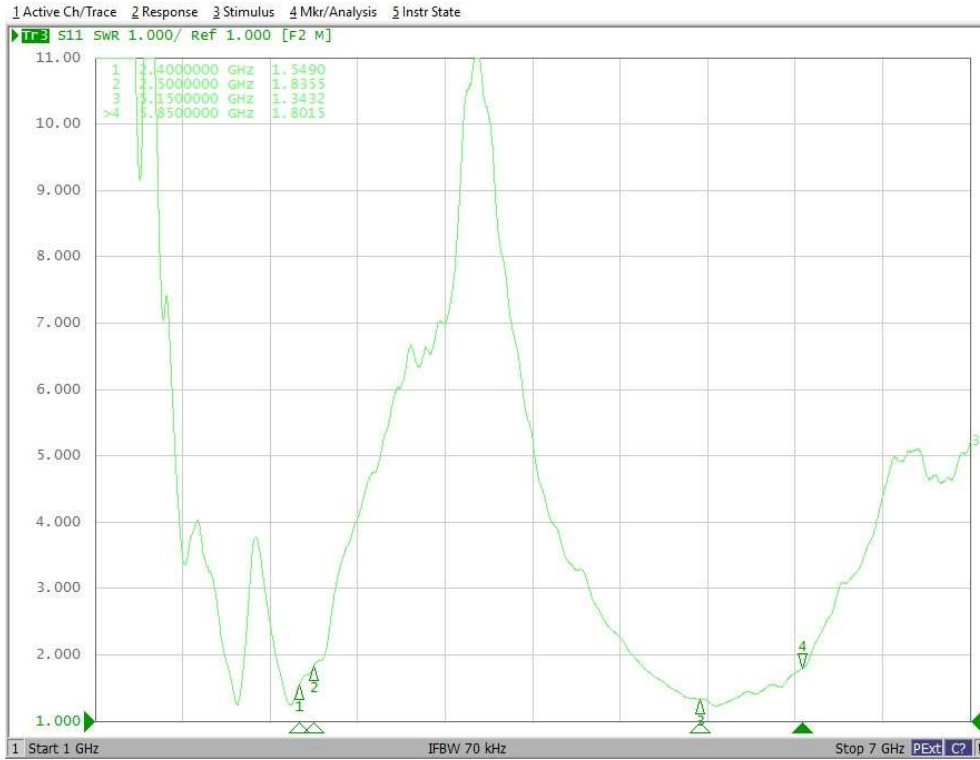
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Test Setup



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VSWR



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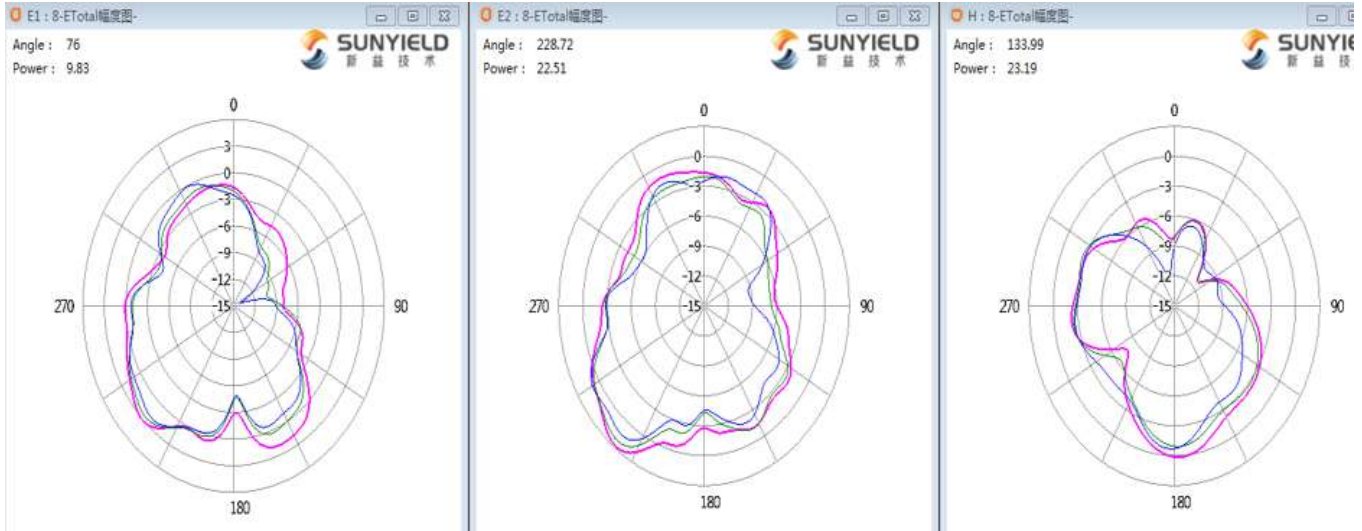
Passive Performance

频率(MHz)	增益(dBi)	效率(dB)	效率(%)		频率(MHz)	增益(dBi)	效率(dB)	效率(%)
2400	3.15	-2.31	58.8		5100	6.66	-2.41	57.44
2410	2.99	-2.5	56.25		5150	6.3	-2.32	58.57
2420	3	-2.45	56.9		5200	6.1	-2.32	58.58
2430	2.82	-2.57	55.4		5250	5.58	-2.34	58.35
2440	2.75	-2.59	55.08		5300	5.63	-2.33	58.46
2450	2.63	-2.71	53.52		5350	5.56	-2.41	57.46
2460	2.77	-2.66	54.19		5400	5.45	-2.51	56.05
2470	2.59	-2.81	52.32		5450	5.43	-2.57	55.35
2480	2.36	-2.9	51.23		5500	5.41	-2.60	54.91
2490	2.09	-3.07	49.32		5550	5.37	-2.52	55.94
2500	2.1	-3.07	49.28		5600	5.37	-2.54	55.73
					5650	5.59	-2.54	55.71
					5700	5.22	-2.69	53.84
					5750	5.16	-2.86	51.75
					5800	4.95	-2.99	50.21
					5850	4.89	-3.40	45.69
					5900	4.03	-3.59	43.74
					5950	3.81	-4.22	37.83

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Radiation pattern

2400, 2450, 2500MHz



5150, 5500, 5850MHz

