











Outdoor Antenna

W1427: 2400-2500&4900-5000MHz



Features & Applications:

-  2400-2500&4900-5000MHz
-  Gain: Max 3.88dBi
-  Total length 155.8mm
-  Cable length: 3100mm
-  Connector: RP SMA male
-  Cable: RG58
-  Zigbee, BLE/BT,WLAN(2.4GHz, 5GHz)
-  Industrial Applications
-  Metering, Security, IOT Applications
-  Data transmission, Access Points

ELECTRICAL SPECIFICATIONS @ 25°C

General Specifications

Antenna type	Nominal Impedance	Polarization	Horizontal Plane	Power withstanding	VSWR
Outdoor	50Ω	Vertical	Omni	3W	2max@2400-2500MHz 2.5max@4900-5900MHz

MECHANICAL SPECIFICATIONS

W1427

Dimension with gasket (Width x Length x Height)	Color	Connector type	Cable type	Cable length
155.8x35.5mm	Black	RP SMA male	RG58 UL	3100mm

ENVIRONMENTAL SPECIFICATIONS

W1427

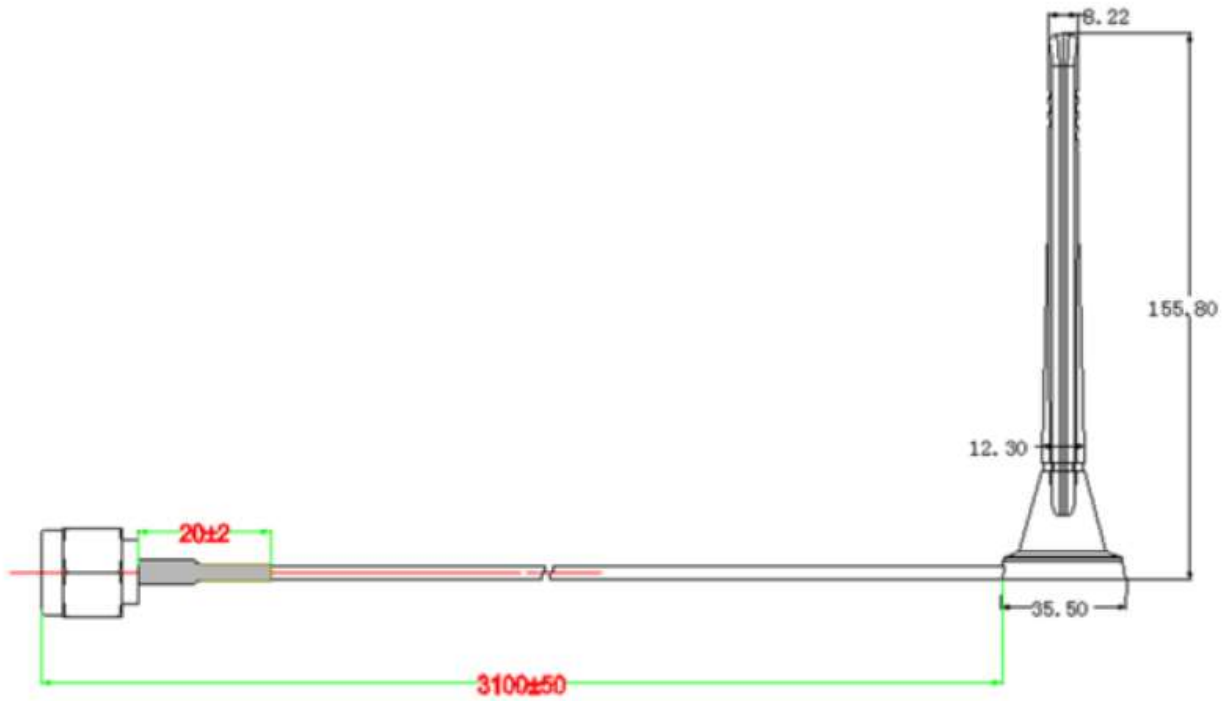
Operating Temperature	Storage Temperature	RoHS Compliant
-40 / +85° C	-40 / +85° C	Yes

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Mechanical Drawing

W1427



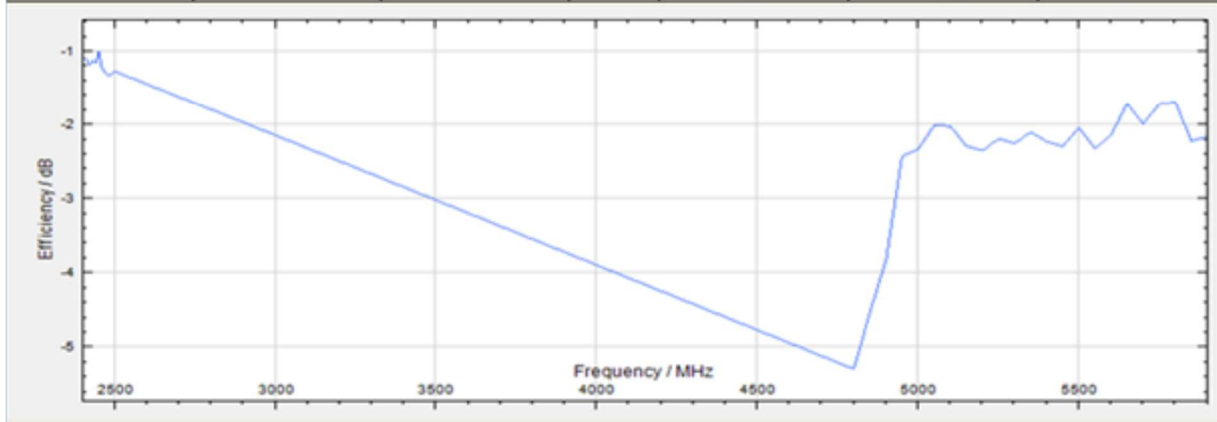
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Efficiency

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Frequency / MHz	Efficiency / dB	Efficiency / %	Frequency / MHz	Efficiency / dB	Efficiency / %
2400	-1.1	77.62	5000	-2.33	58.48
2410	-1.09	77.8	5050	-2.01	62.95
2420	-1.18	76.21	5100	-2.02	62.81
2430	-1.13	77.09	5150	-2.29	59.02
2440	-1.16	76.56	5200	-2.35	58.21
2450	-1	79.43	5250	-2.19	60.39
2460	-1.23	75.34	5300	-2.25	59.57
2470	-1.28	74.47	5350	-2.1	61.66
2480	-1.33	73.62	5400	-2.23	59.84
2490	-1.31	73.96	5450	-2.29	59.02
2500	-1.27	74.64	5500	-2.04	62.52
4900	-3.82	41.5	5550	-2.32	58.61
4950	-2.42	57.28	5600	-2.14	61.09
			5650	-1.71	67.45
			5700	-1.99	63.24
			5750	-1.72	67.3
			5800	-1.69	67.76
			5850	-2.22	59.98
			5900	-2.16	60.81

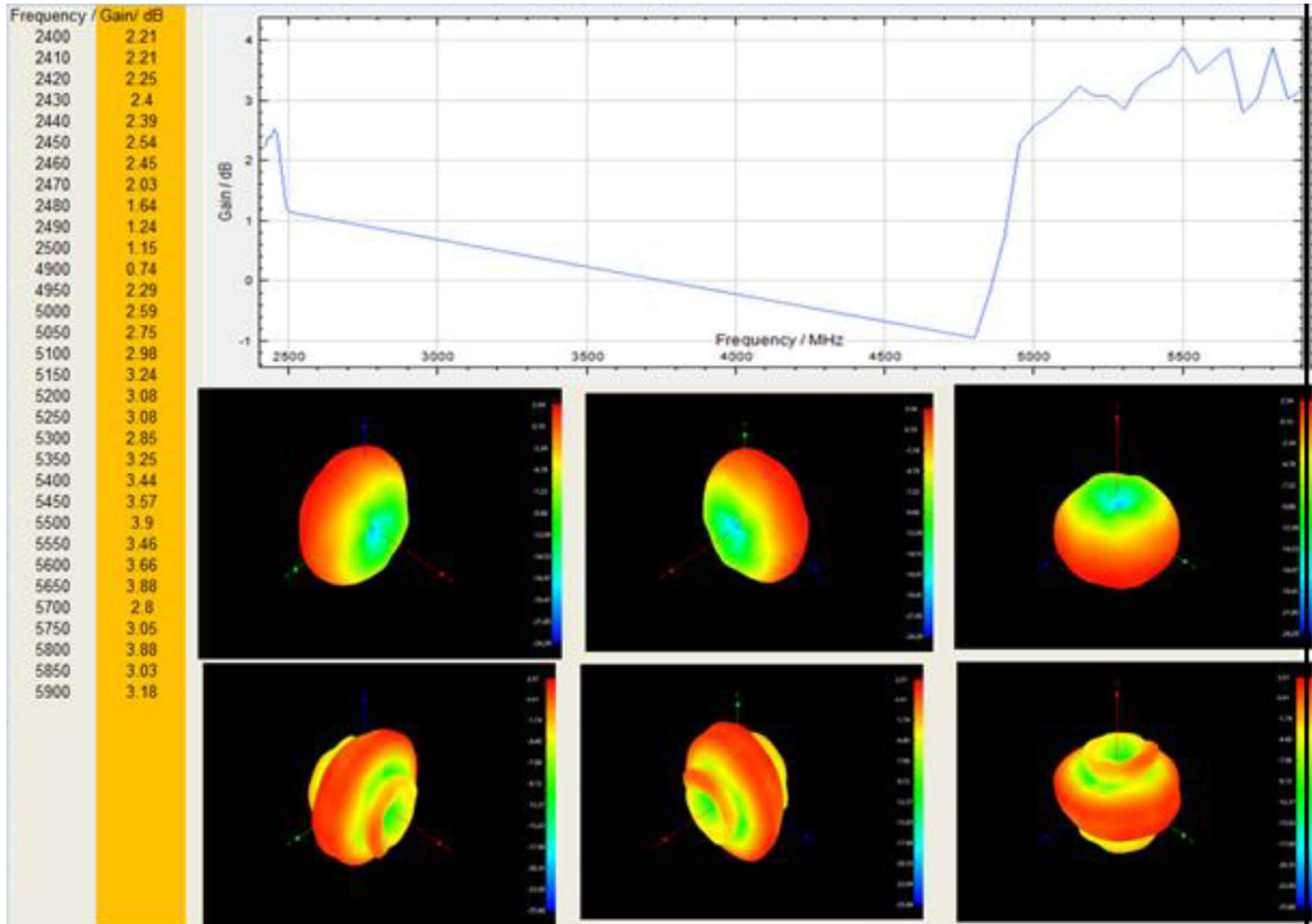


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GAIN(dBi) & 3D Radiation Pattern

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PACKAGING

W1427

TBD

For More Information:

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