RPA-PB0-A-4535-1M-X-001

■ ELECTRICAL SPECIFICATION

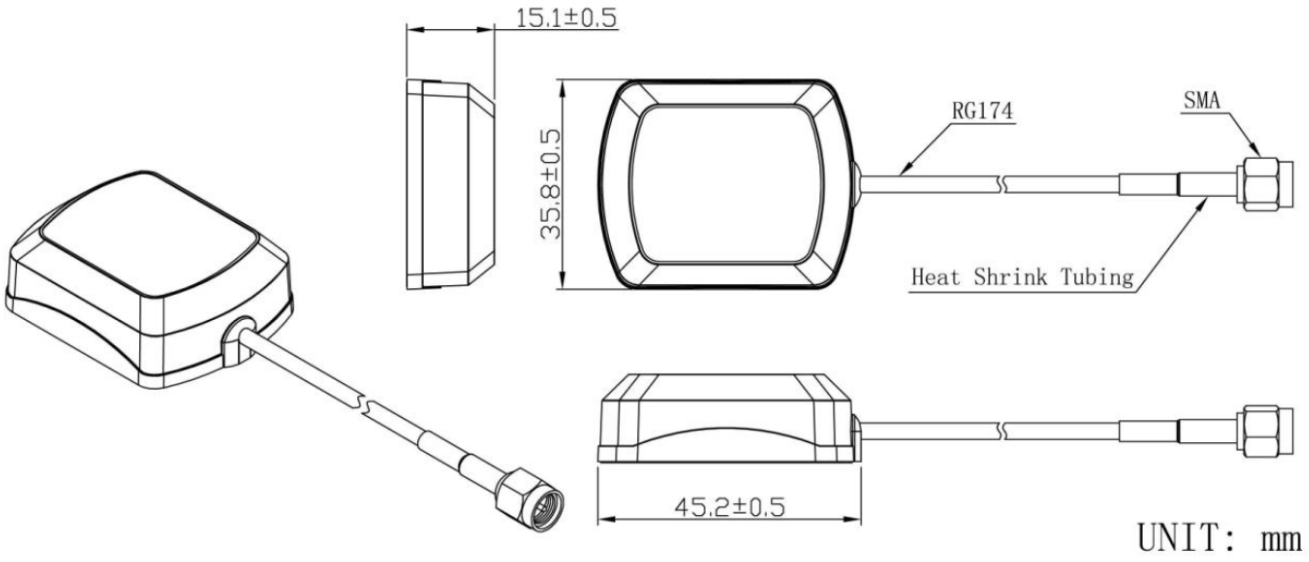
ANTENNA

PARAMETERS		VALUE	UNIT
Center Frequency		1575.42 ±3	MHz
Band Width		CF±5	MHz
Polarization		RHCP	-
Gain (Zenith)		2.0	dBic
VSWR, max		1.5	-
Impedance		50	Ω
Axial Ratio, max		3	dB
Dimension		25x25x4	mm
Connector		SMA Male	-
Radome Material		ABS	-
Mounting Way		Magnet	-
Cable	Type	RG174	-
	Length	3000	mm
Operating Temperature Range		-40 ~ +85	°C
Relative Humidity, max		95	%
IP Rating		IP67	-
Vibration (1.5 mm Amplitude 2Hours)		10 ~ 55	Hz
RoHS Compliant		YES	-

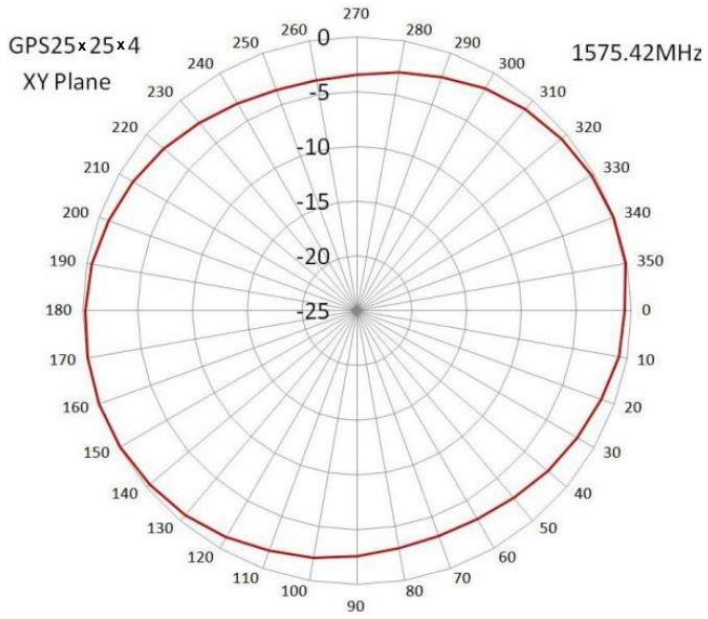
LNA

PARAMETERS	VALUE	UNIT
VSWR, max	2.0	-
Supply Voltage	2.2 ~ 5	VDC
Gain	28 ± 2	dB
Noise Figure, max	1.5	dB
Current Consumption, max	15	mA

■ DIMENSIONS



■ RADIATION PATTERN



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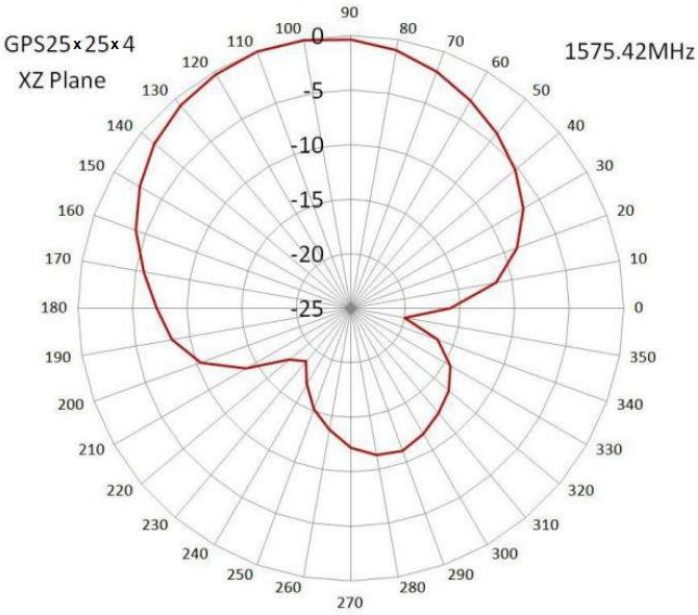

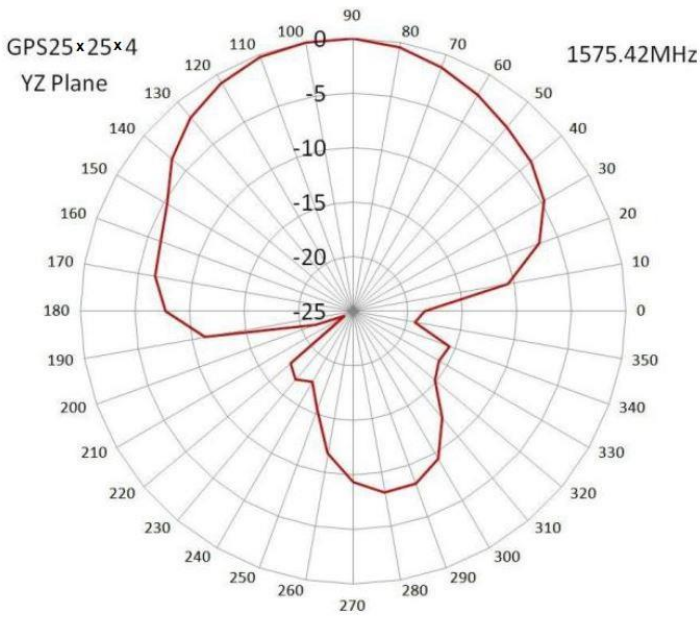

ENVIRONMENTAL

PARAMETER	VALUE
RoHS	Compliant
REACH SVHC	Compliant
HALOGEN-FREE	Compliant

RoHS Compliant

REACH COMPLIANCE

APPROVAL

RALTRON	
DRAWN BY:	AR, July 13, 2022
APPROVED BY:	CP, July 13, 2022
REVISION:	A, Initial Release