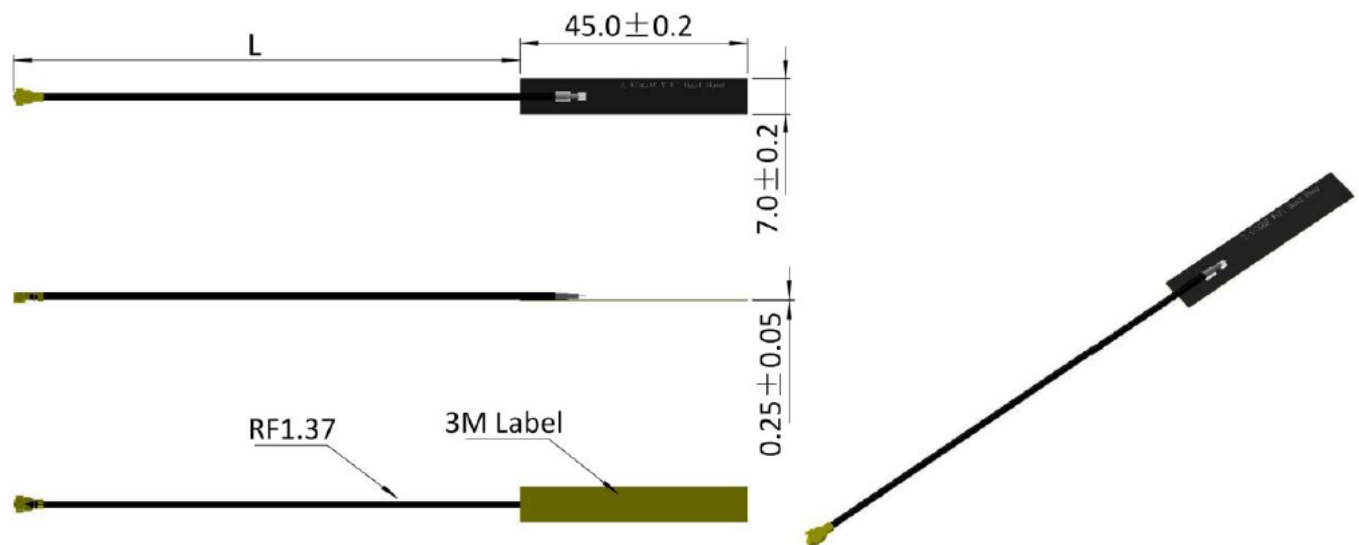




ELECTRICAL SPECIFICATION

PARAMETERS		VALUE	UNIT
Frequency Range		2400 ~ 2483.5 4900 ~ 5825	MHz
Polarization		Linear	-
Gain		3	dBi
VSWR, max		2	-
Impedance		50	Ω
PCB Dimensions		45 x 7 x 0.3	mm
Cable	Type	RF1.37	-
	Length (L)	100	mm
Connector		IPEX	-
Mounting Method		Adhesive or Embedded	-
Operating Temperature Range		-40 ~ +85	$^{\circ}\text{C}$
Vibration (With 1.5 mm amplitude 2 hours)		10 to 55	Hz
Environmentally Friendly		RoHS Compliant	-

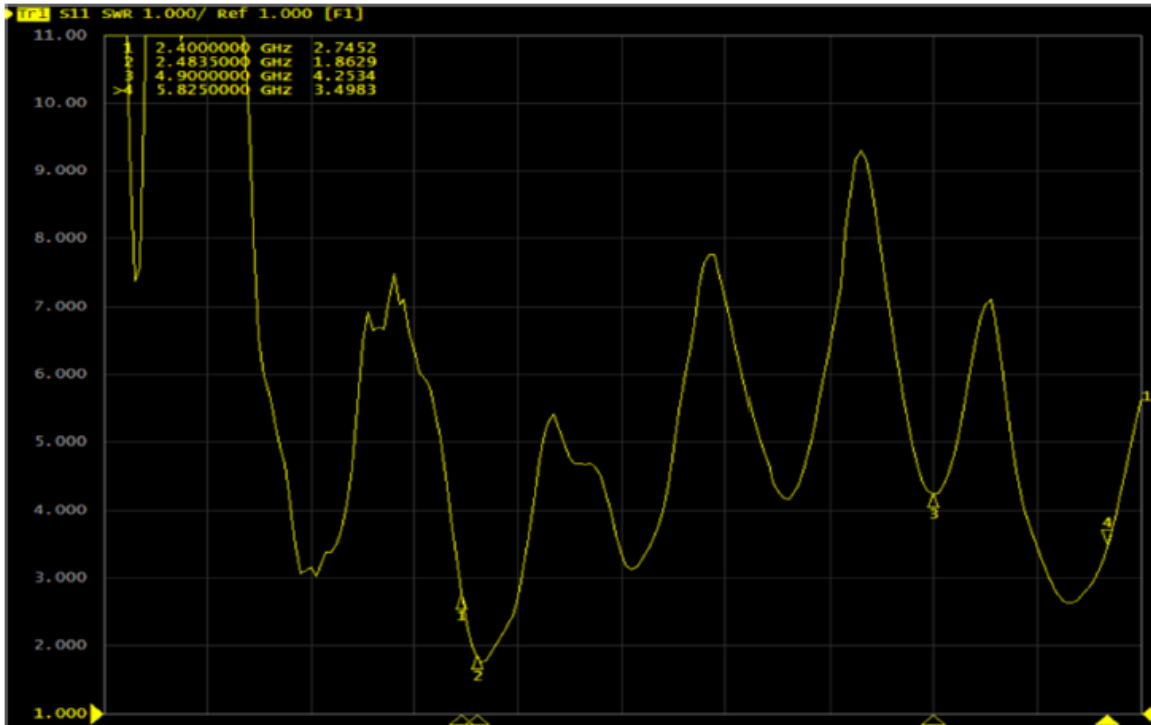
DIMENSIONS



Unit: mm

FREQUENCY CHARACTERISTICS

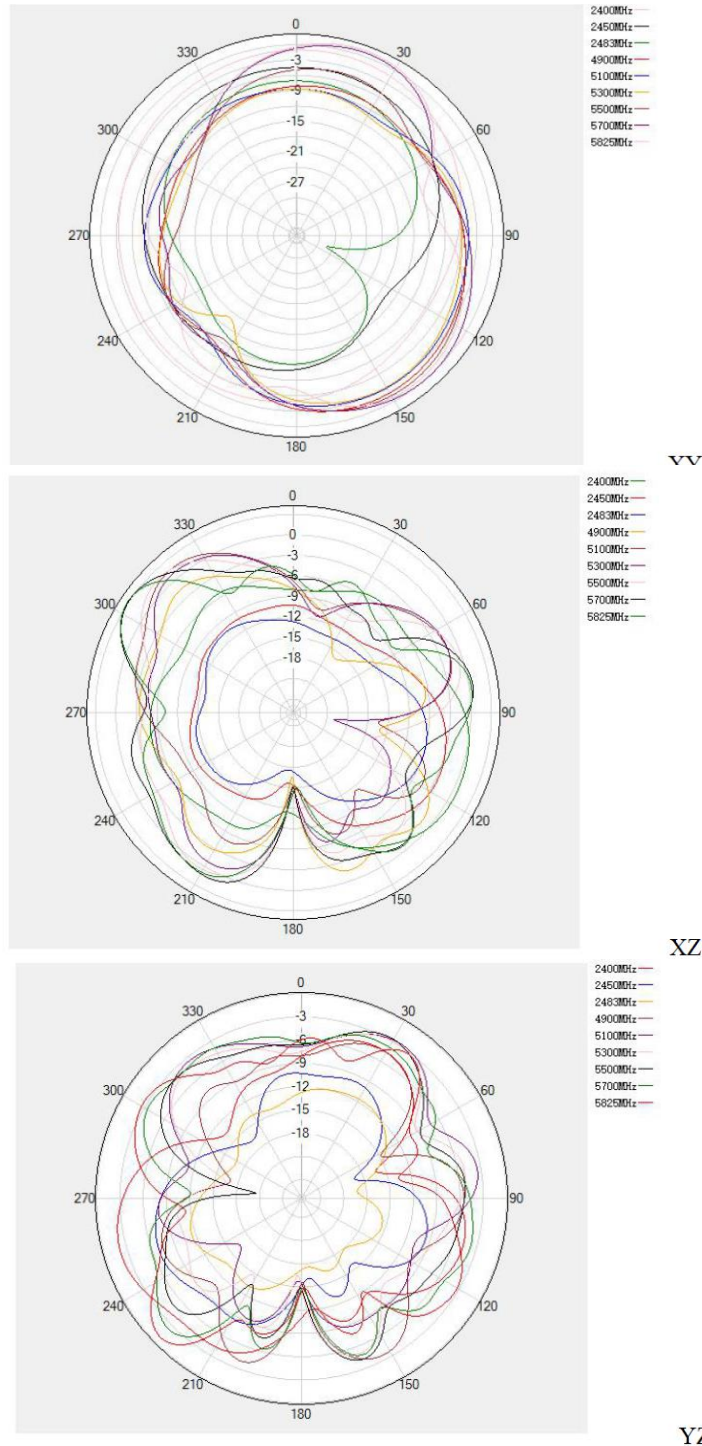
VSWR



GAIN & EFFICIENCY

Gain&Efficiency			
frequency (MHz)	gain (dB)	efficiency	V.S.W.R
2400	2.36	52.16%	1.89
2450	2.51	58.71%	1.90
2483.5	2.65	62.34%	1.82
4900	2.33	48.98%	1.77
5100	1.88	43.00%	1.62
5300	1.72	40.42%	1.81
5500	3.84	64.84%	1.71
5700	4.2	80.80%	1.62
5825	3.66	77.88%	1.60

■ RADIATION PATTERN



■ ENVIRONMENTAL

PARAMETER	VALUE
RoHS	Compliant
REACH SVHC	Compliant
HALOGEN-FREE	Compliant



■ APPROVAL

RALTRON	
DRAWN BY:	AR, April 11, 2019
APPROVED BY:	CP, April 11, 2019
REVISION:	A, Initial Release
	B, AR, April 12, 2019 Updated the Cable Length
	C, AR, July 12, 2022
	Updated the Current Revision Levels

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