

ANTENNA SPECIFICATIONS: APAE915R2540ABDB1-T

Summary:

STANDARD SPECIFICATIONS:

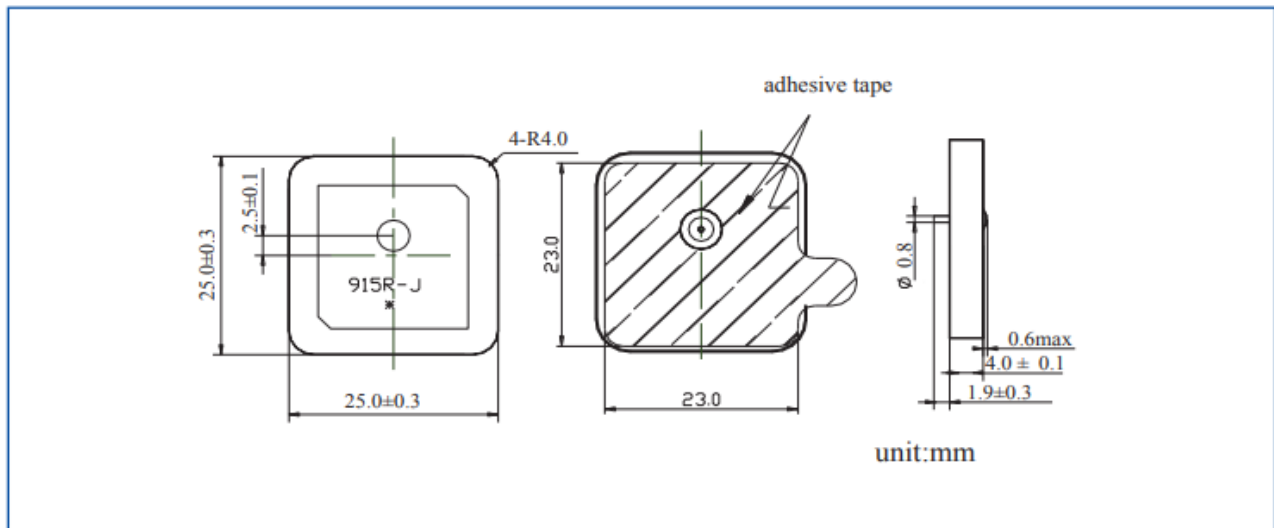
Parameters	Min.	Typ.	Max.	Units	Note
Nominal Frequency		915.0		MHz	
Center Frequency @ -10dB bandwidth ^(*)		927.5±3.0		MHz	(without tape on 35×35mm ground plane.)
Real part at CF		30±15		Ω	(Peak gain on standardized Ground Plane)
Imaginary part at CF		-5± 15		Ω	
Polarization Model		RHCP			(Right Hand Circular Polarization)
Impedance		50		Ω	
Frequency Temperature Coefficient			20	ppm/°C	

^(*)Application environment, including size of ground plane will affect stated performance. Fine tuning might be required when installed on customer's PCB.



Outline Drawing:

OUTLINE DRAWING:



SENSOR ID SRL

P.iva / C.F. IT 01614260709
Registro Imprese: 01614260709
Isr. reg. pile e accumulatori n. IT 20010P00005962

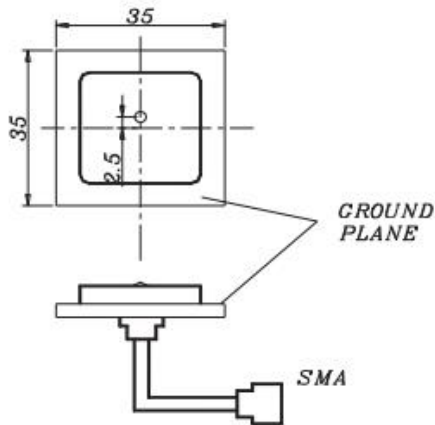
Sede Legale
Corso F. Amaturio n.122
86021 - Bojano (CB) - Italy

Sede Operativa
Via G. Mucciardi n.5
86020 - Campochiaro (CB) - Italy

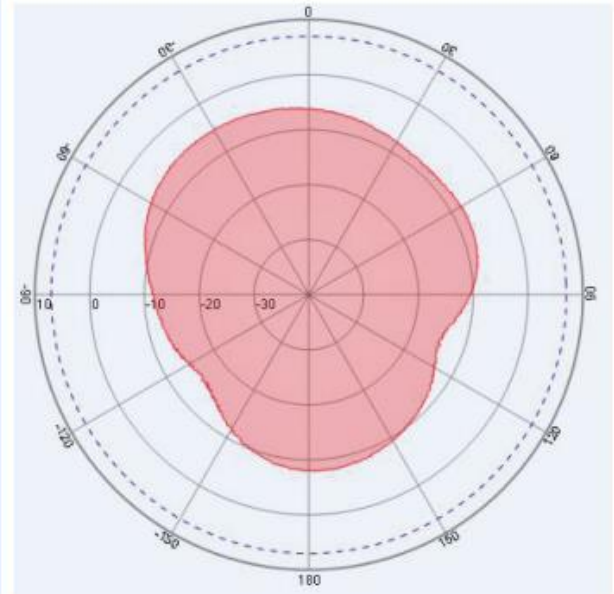
Test conditions and radiation pattern:

TEST CONDITIONS & TEST SETUP:

Parts shall be measured under a condition (Temp.: $20 \pm 15^\circ\text{C}$, Humidity: $65 \pm 20\%$ R.H.)



RADIATION PATTERN



Measured at 927MHz

Impedance Characteristics:

IMPEDANCE CHARACTERISTICS

