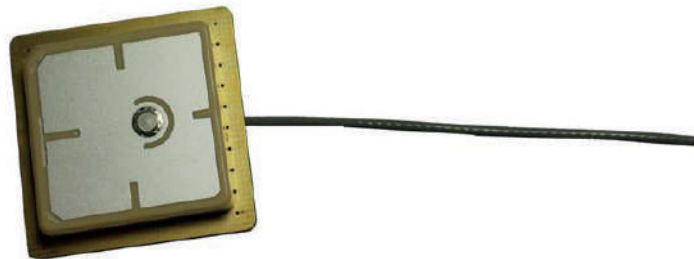


OEM ceramic antenna 18x18x04



V1.0

Non-contractual datasheet

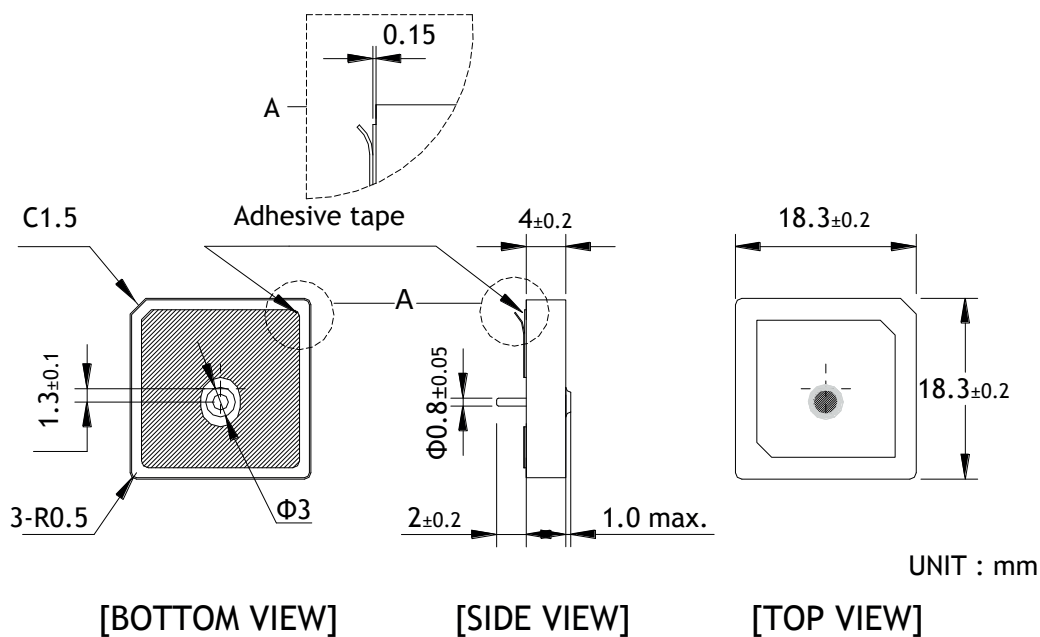
OEM ceramic antenna 18x18x04

Electrical specifications

NO.	Parameter	Spec.			Unit	Remark
		Ant. Element	PCB & Cable Ass'y	Set Ass'y		
1	Center Frequency		866.5 $\pm$ 2		MHz	
2	Band Width	typ.	5 typ.	typ.	MHz	@ -10 dB R.L
3	VSWR	max.	2.0 : 1 max.	max.	Ratio	
4	Impedance		50		Ohms	
5	Peak Gain	typ.	-10.0 typ.	typ.	dBiL	@ PCB & Cable Ass'y.
6	Polarization		RHCP			

Mechanical dimensions. (unit : mm)

Antenna element (the color of ceramic substrates can be changed)



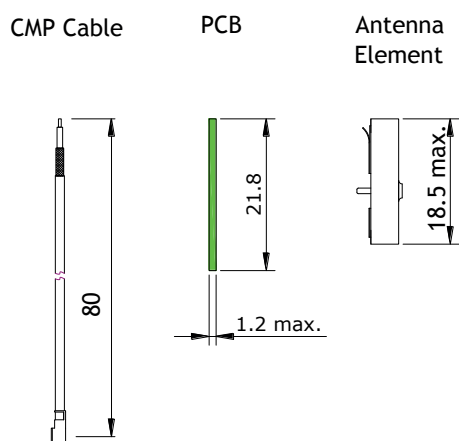
V1.0

Non-contractual datasheet

OEM ceramic antenna 18x18x04

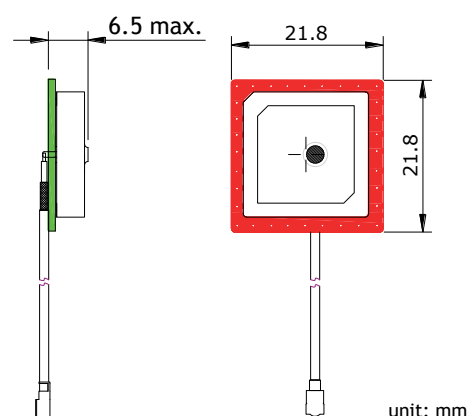
PCB & Cable Ass'y

Ass'y Part



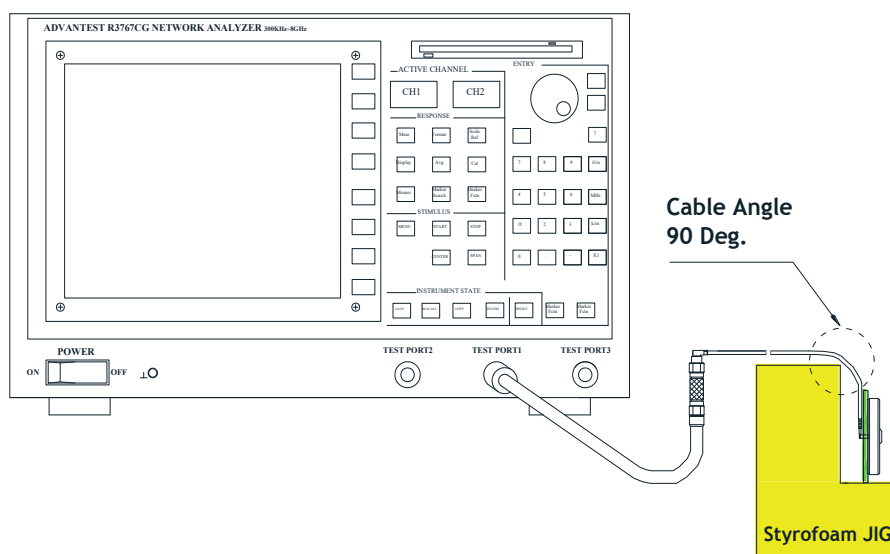
[SIDE VIEW]

After Ass'y



[FRONT VIEW]

Test Fixture



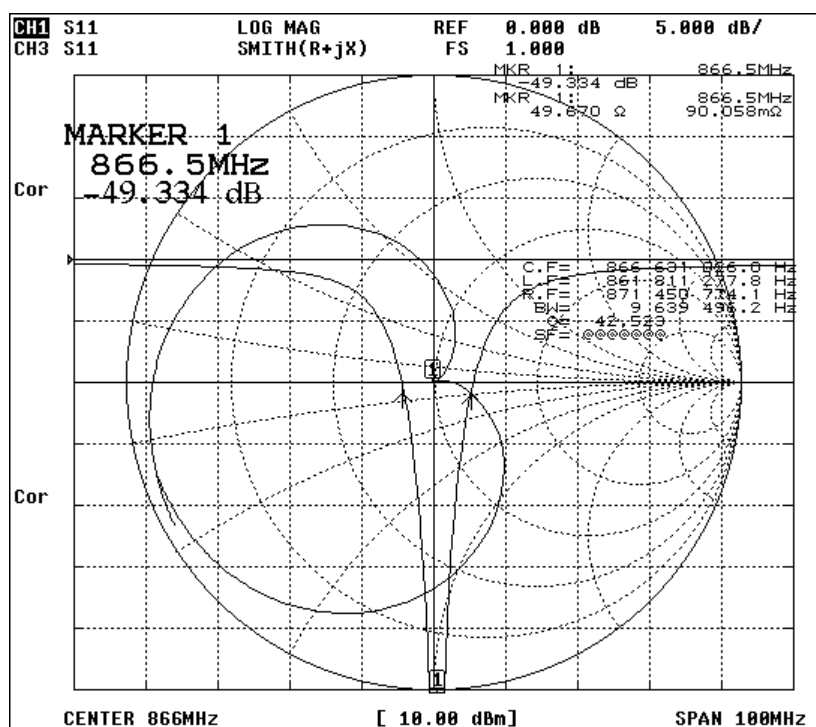
V1.0

Non-contractual datasheet

OEM ceramic antenna 18x18x04

S11 Measurement Data

PCB & Cable Ass'y



V1.0

Non-contractual datasheet

H-Pol. (Frequency 865.0, 866.5, 868.0 MHz)



OEM ceramic antenna 18x18x04



Gain Test Data

Source Antenna Polarization	Gain		
	865.0 MHz	866.5 MHz	868.0 MHz
H-Pol.(dBiL)	-6.91	-7.68	-6.44
V-Pol.(dBiL)	-8.63	-7.34	-7.75
RHCP(dBic)	-7.69	-7.35	-7.50

V1.0

Non-contractual datasheet