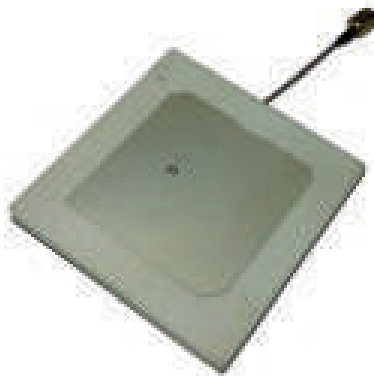


OEM ceramic antenna 79x79x06



V1.0

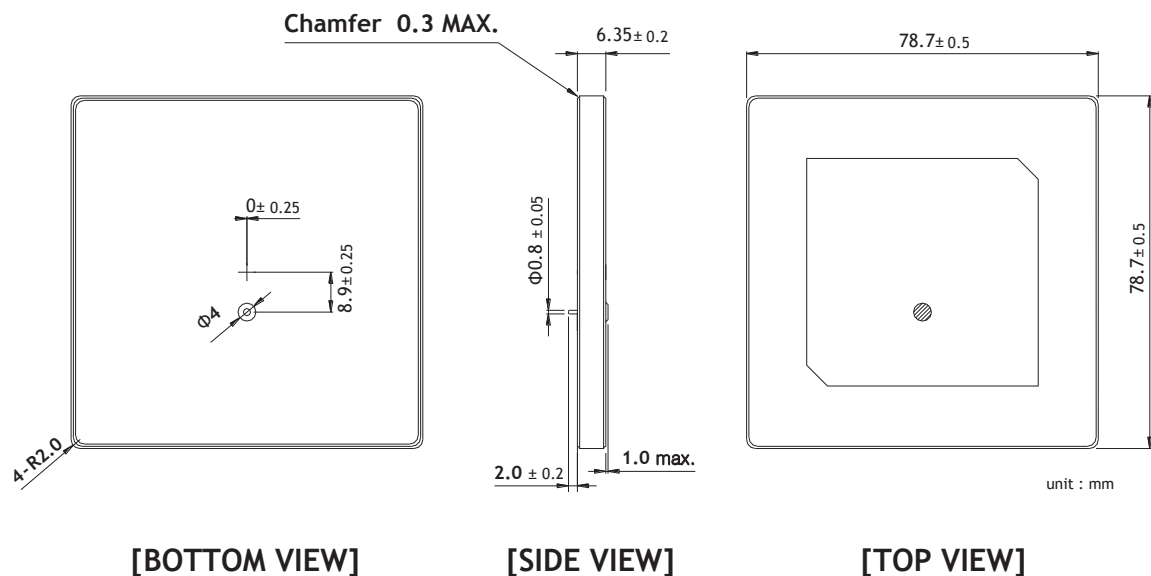
Non-contractual datasheet

Electrical specifications

NO.	Parameter	Spec.			Unit	Remark
		Ant. Element	PCB & Cable Ass'y	Set Ass'y		
1	Center Frequency		866.0 $\pm$ 2		MHz	
2	Band Width	typ.	18 typ.	typ.	MHz	@ -10 dB R.L
3	VSWR	max.	2.0 : 1 max.	max.	Ratio	
4	Impedance		50		Ohms	
5	Peak Gain	typ.	1 typ.	typ.	dBiL	@ PCB & Cable Ass'y
6	Polarization		RHCP			

Mechanical dimensions. (unit : mm)

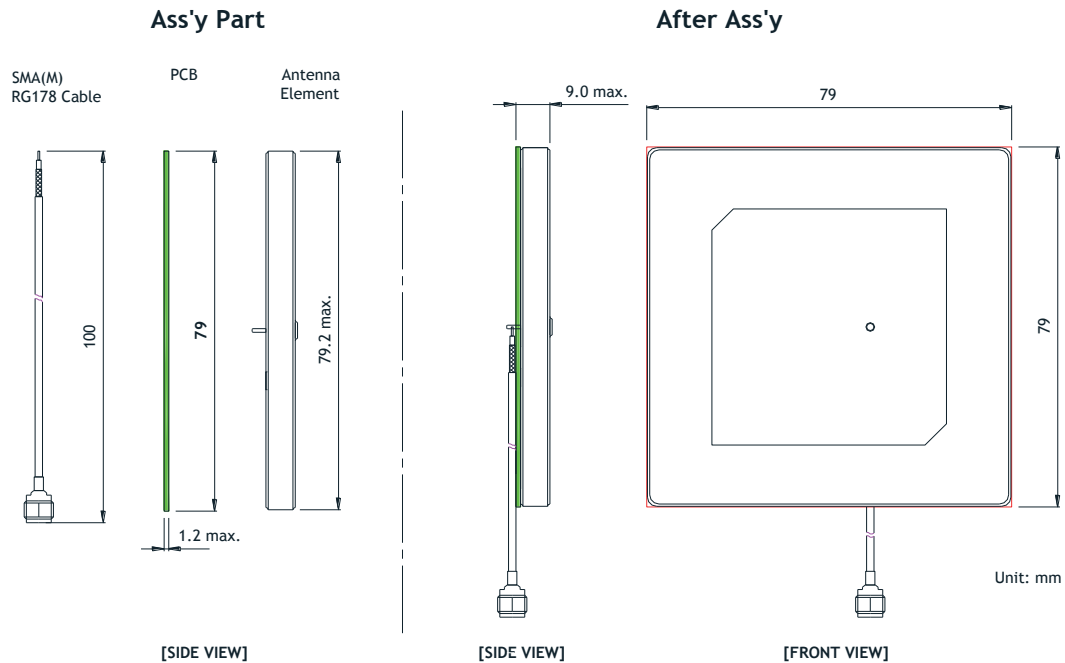
Antenna element (the color of ceramic substrates can be changed)



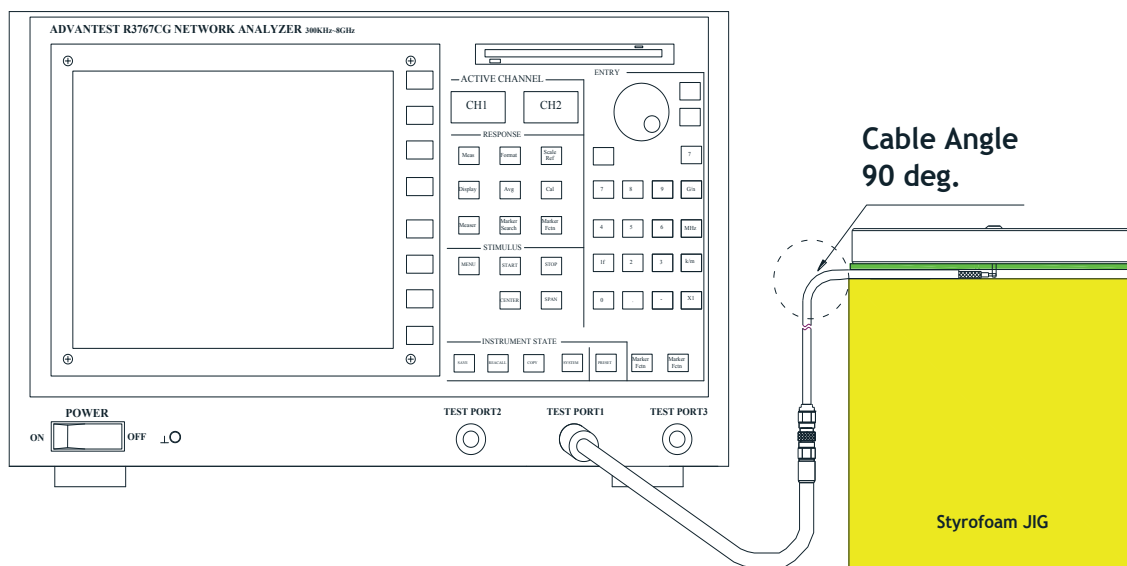
V1.0

Non-contractual datasheet

PCB & Cable Ass'y



Test Fixture

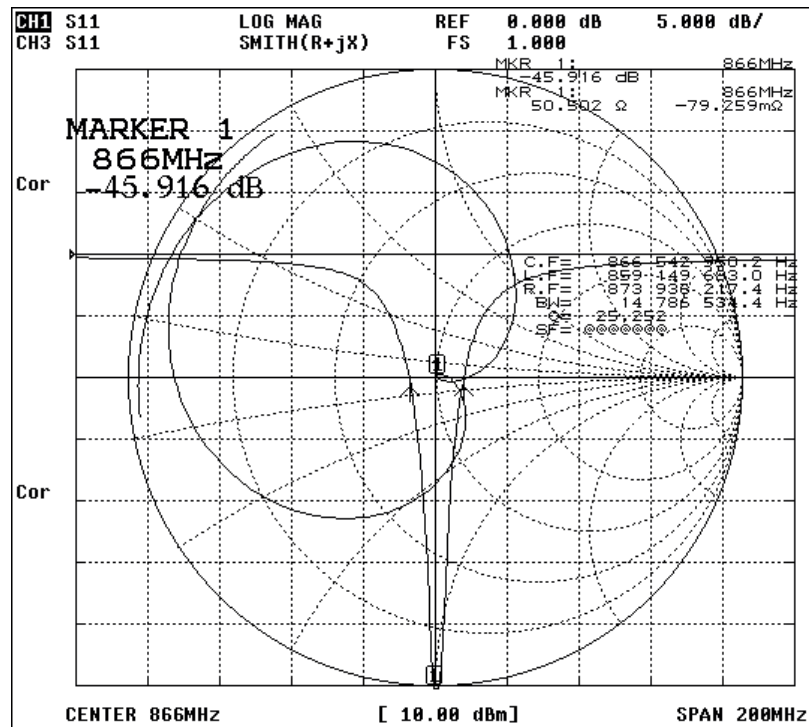


V1.0

Non-contractual datasheet

S11 Measurement Data

PCB & Cable Ass'y

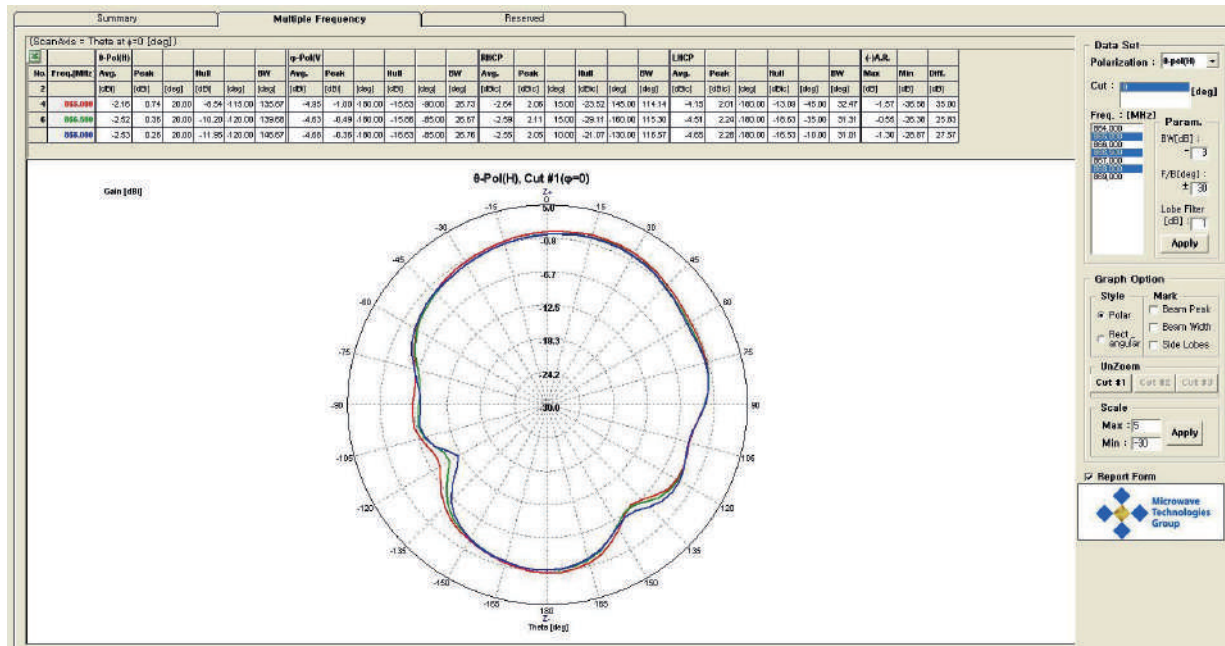


V1.0

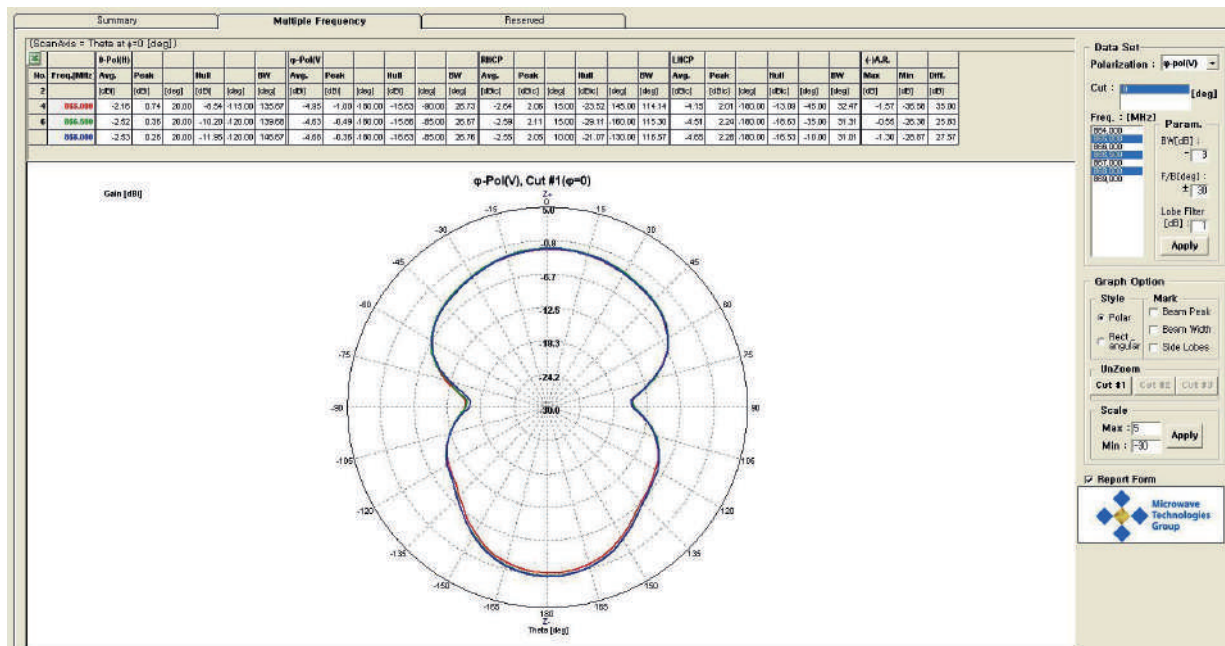
Non-contractual datasheet

Radiation Patterns

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



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



V1.0

Non-contractual datasheet

Gain Test Data

Source Antenna Polarization	Gain		
	865.0 MHz	866.5 MHz	868.0 MHz
H-Pol.(dBiL)	0.74	0.36	0.26
V-Pol.(dBiL)	-1.00	-0.49	-0.36
RHCP(dBic)	2.06	2.11	2.05

V1.0

Non-contractual datasheet