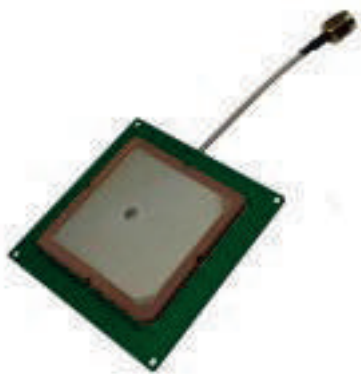


OEM ceramic antenna 45x45x04



V1.0

Non-contractual datasheet

NO.	Parameter	Spec.			Unit	Remark
		Ant. Element	PCB & Cable Ass'y	Set Ass'y		
1	Center Frequency		866.0 $\pm$ 3		MHz	
2	Band Width	typ.	6 typ.	typ.	MHz	@ -10 dB R.L
3	VSWR	max.	2.0 : 1 max.	max.	Ratio	
4	Impedance		50		Ohms	
5	Peak Gain	typ.	-1.0 typ.	typ.	dBiL	@ PCB & Cable Ass'y
6	Polarization		RHCP			

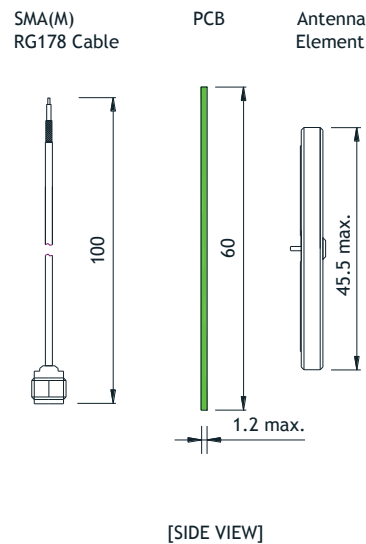
Antenna element (the color of ceramic substrates can be changed)



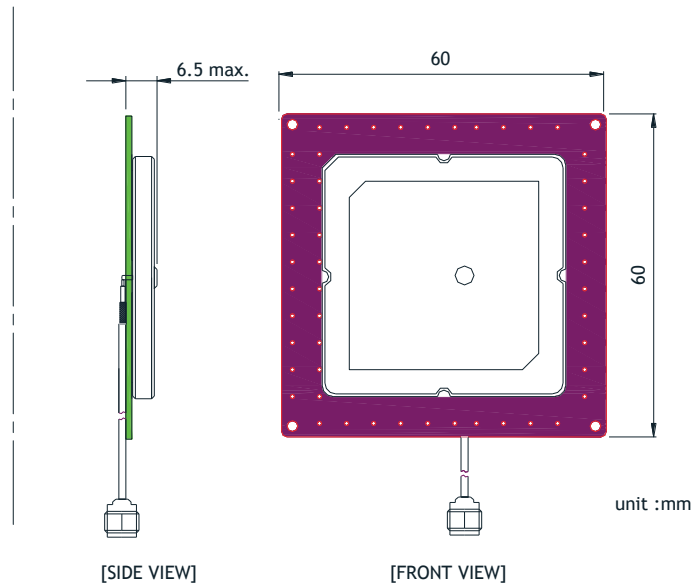
OEM ceramic antenna 45x45x04

PCB & Cable Ass'y

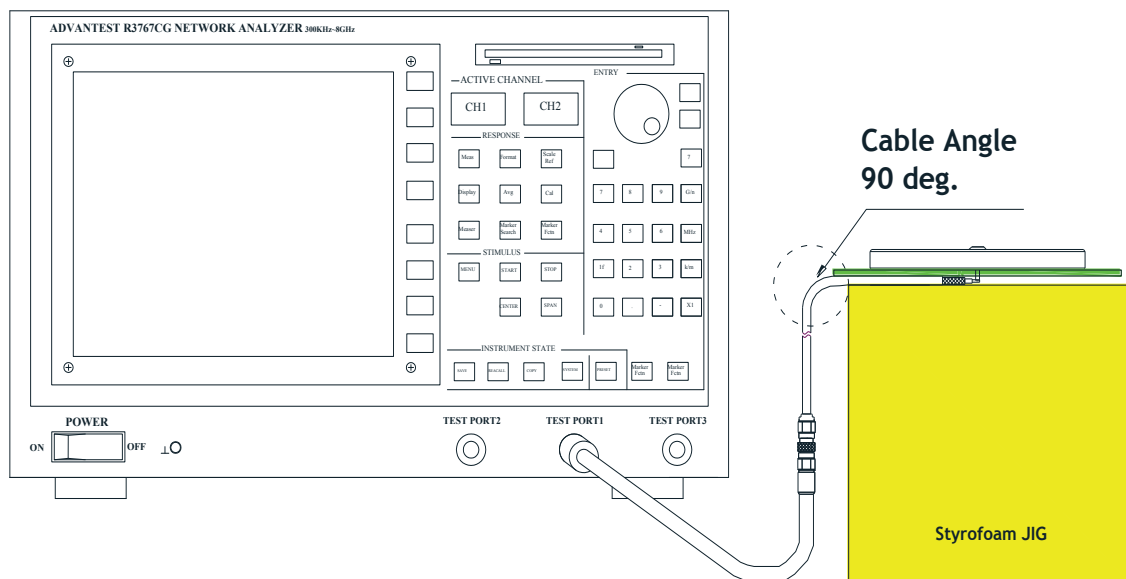
Ass'y Part



After Ass'y



Test Fixture



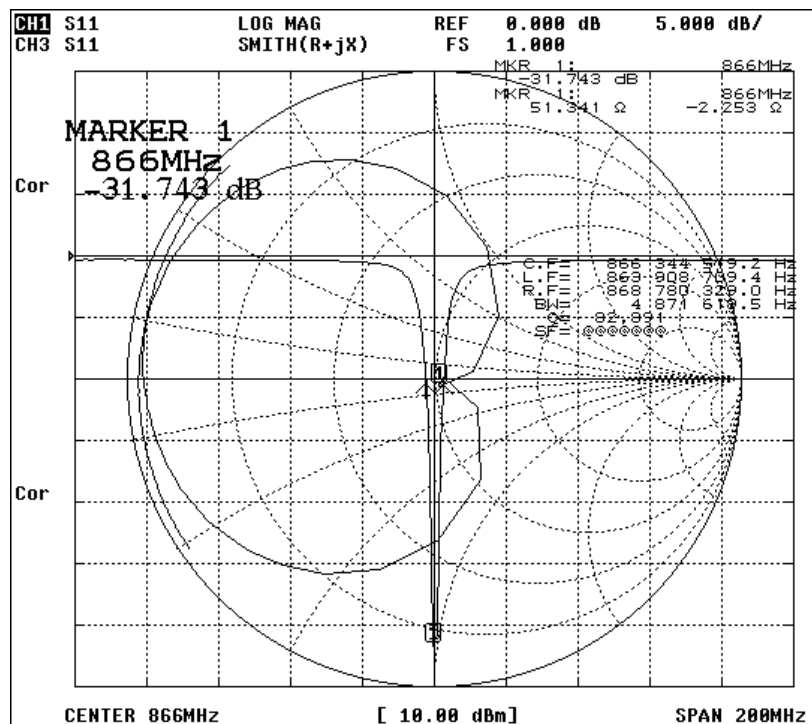
V1.0

Non-contractual datasheet

OEM ceramic antenna 45x45x04

S11 Measurement Data

PCB & Cable Ass'y



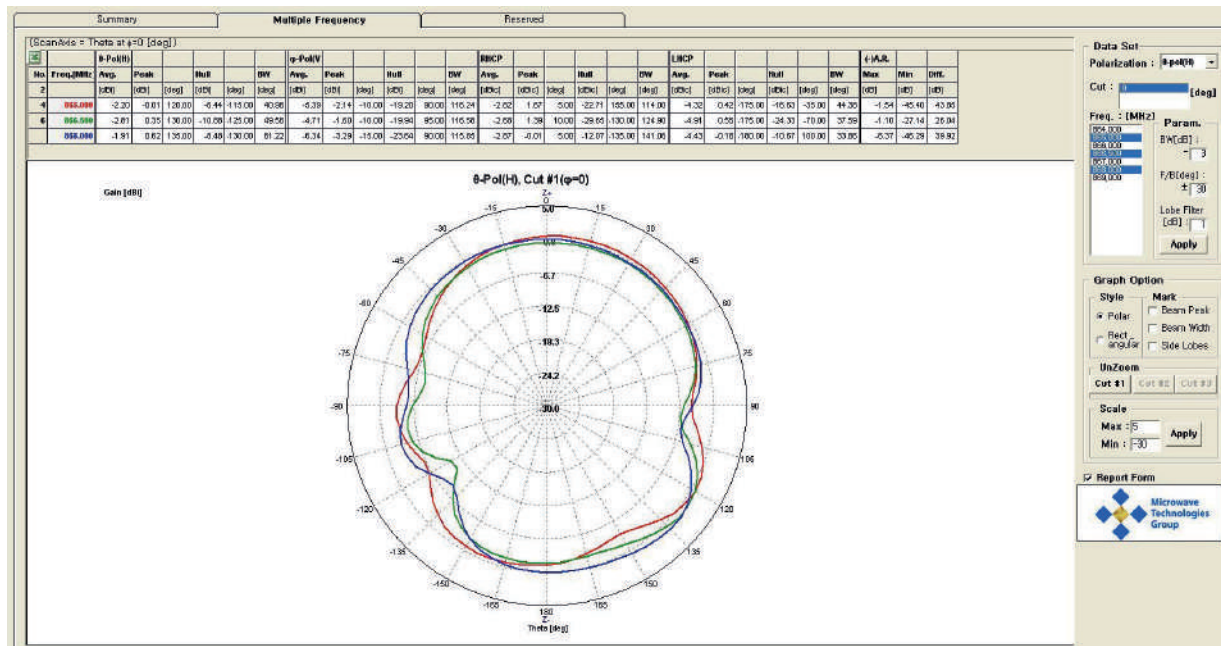
V1.0

Non-contractual datasheet

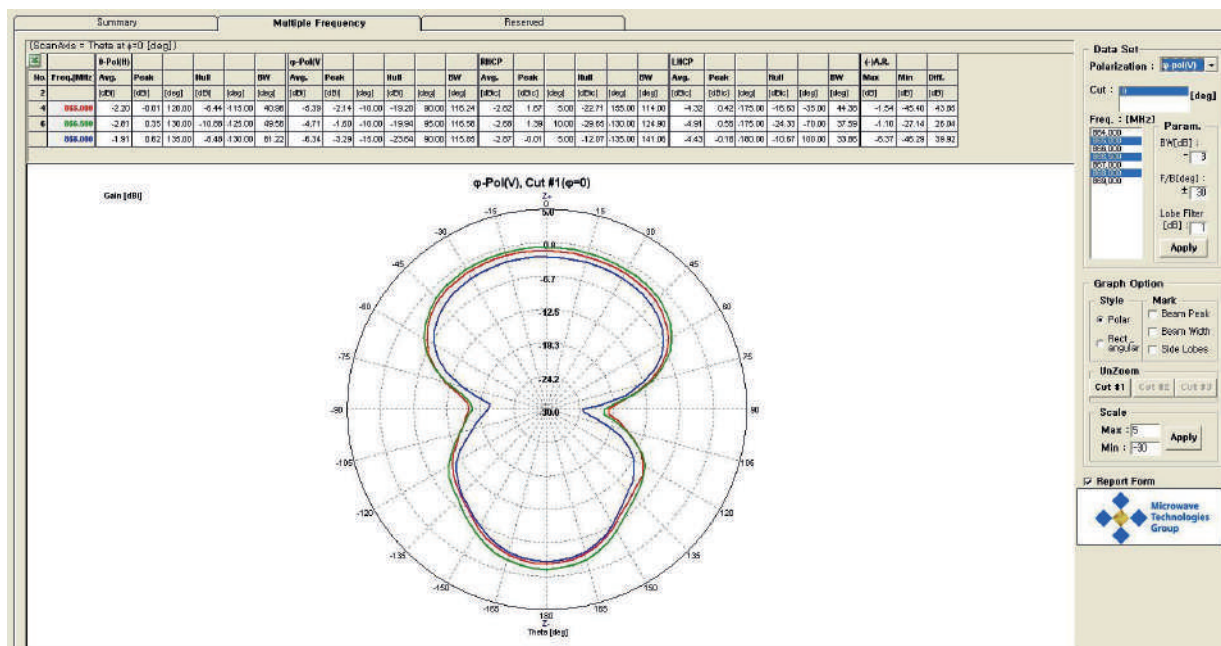
OEM ceramic antenna 45x45x04

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

OEM ceramic antenna 45x45x04



Gain Test Data

Source Antenna Polarization	Gain		
	865.0 MHz	866.5 MHz	868.0 MHz
H-Pol. (dBiL)	-0.01	0.35	0.62
V-Pol. (dBiL)	-2.14	-1.60	-3.29
RHCP(dBic)	1.67	1.39	-0.01

V1.0

Non-contractual datasheet