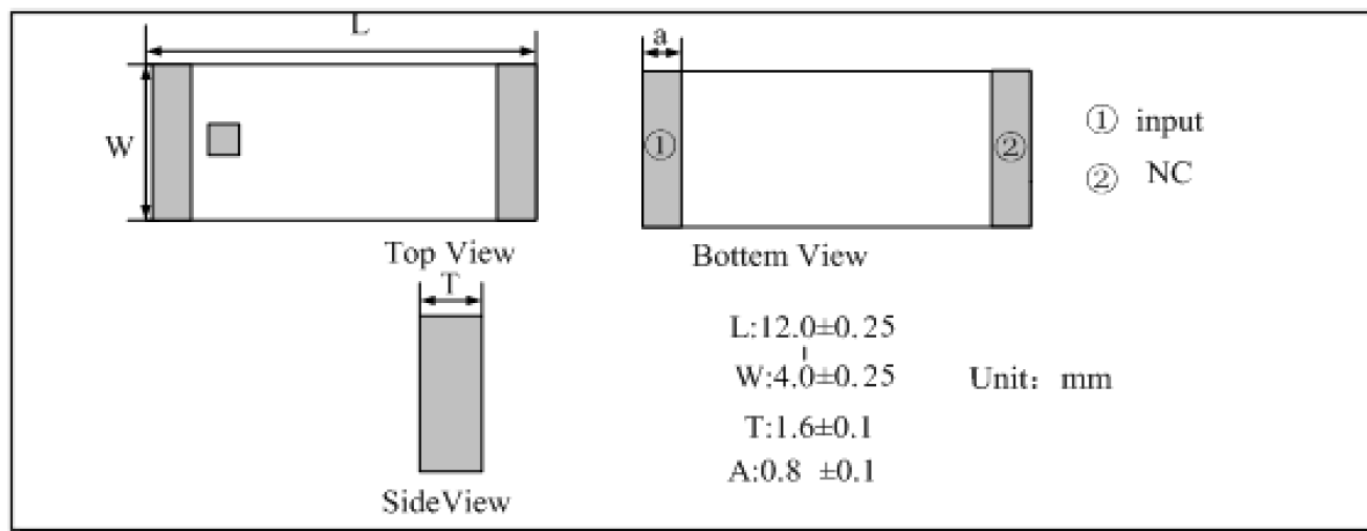
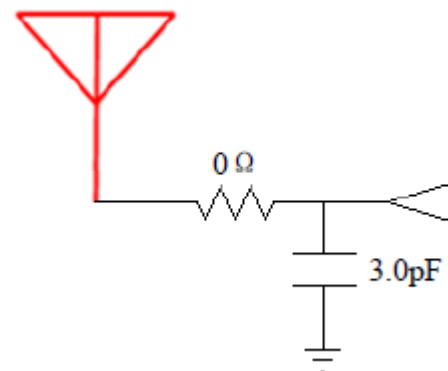
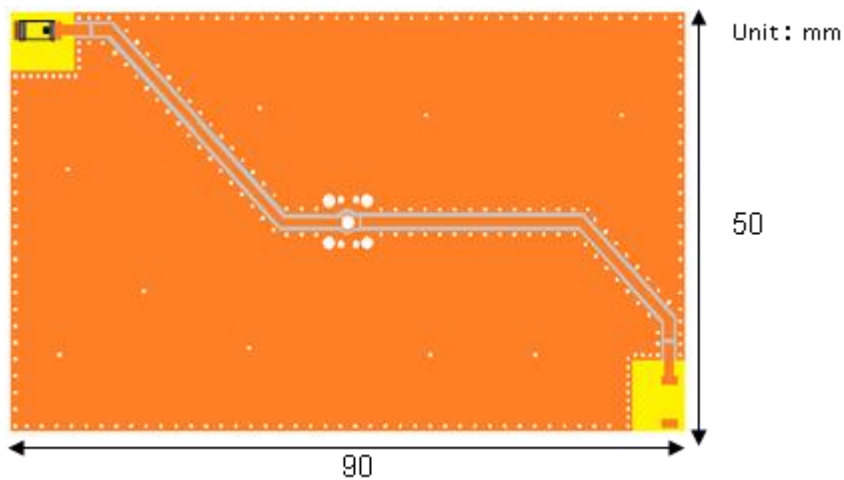
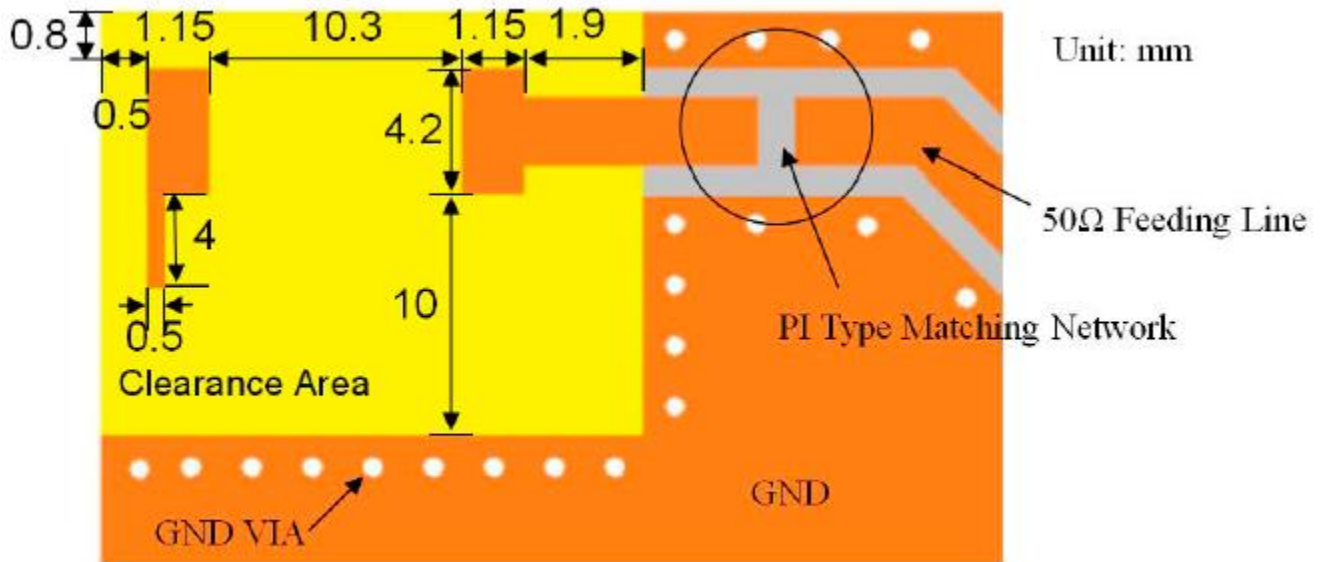


ELECTRICAL SPECIFICATION

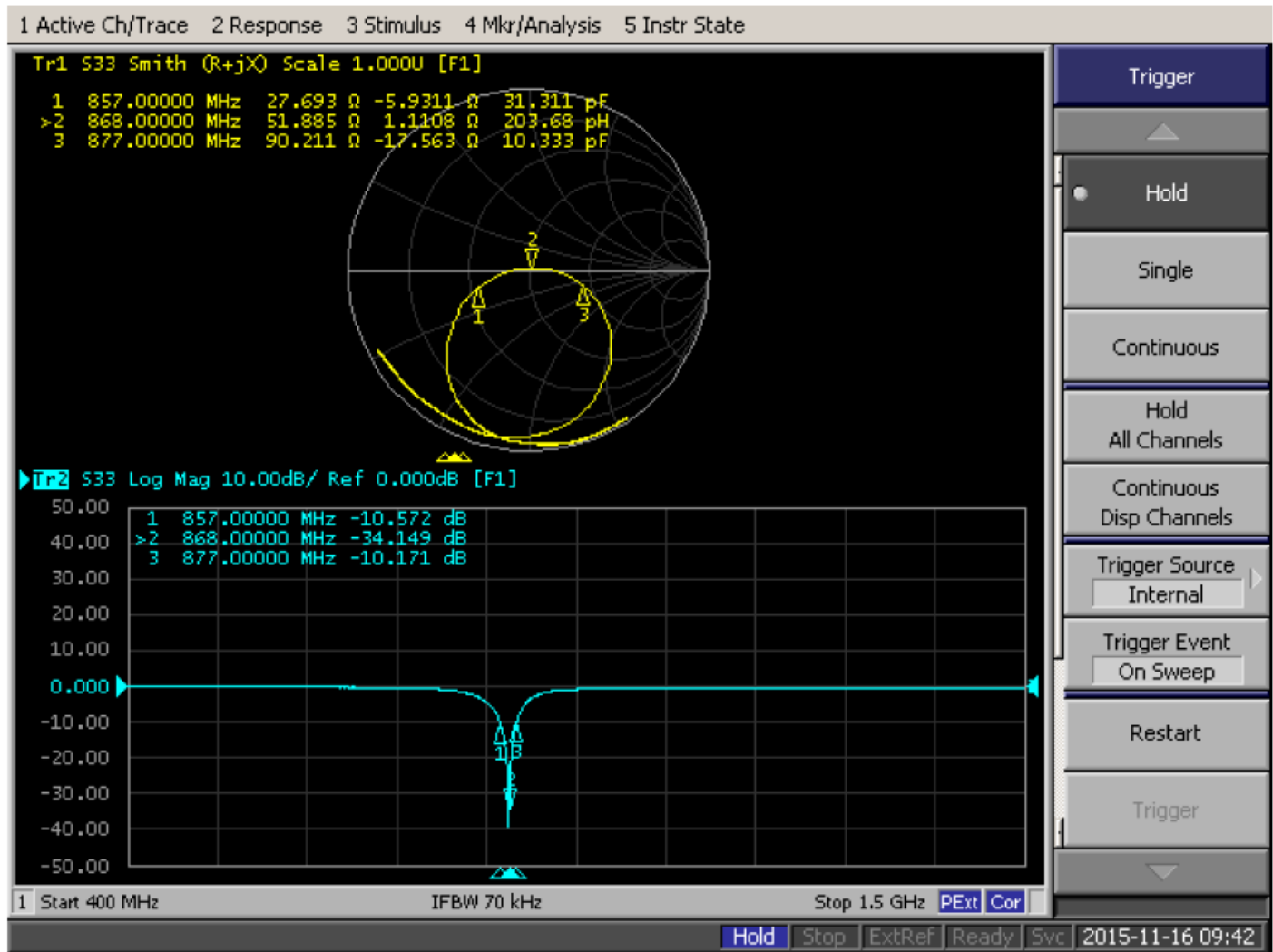
PARAMETERS	VALUE	UNIT
Center Frequency	868.000	MHz
Peak Gain	2.63	dBi
Polarization	Linear	-
Band Width,typ	20	MHz
VSWR, max	2.0	-
Impedance	50	Ω
Operating Temperature Range	-40 ~ + 85	$^{\circ}\text{C}$
Storage Temperature Range	-40 ~ +85	$^{\circ}\text{C}$
Azimuth Beam Width	Omni-Directional	-

MECHANICAL SPECIFICATION

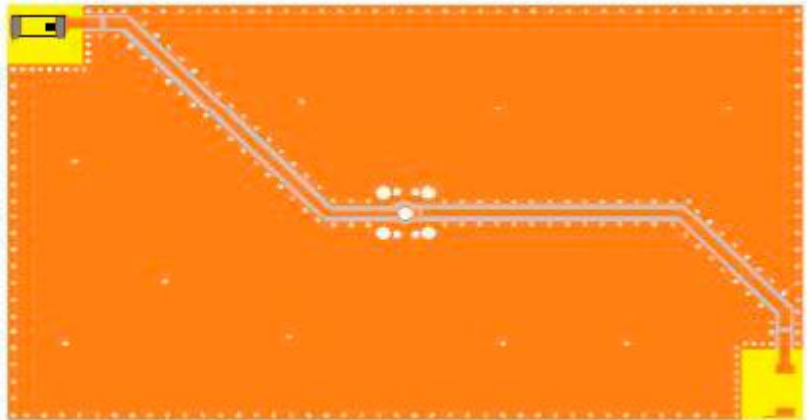
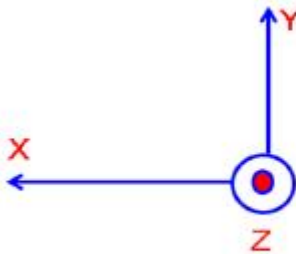




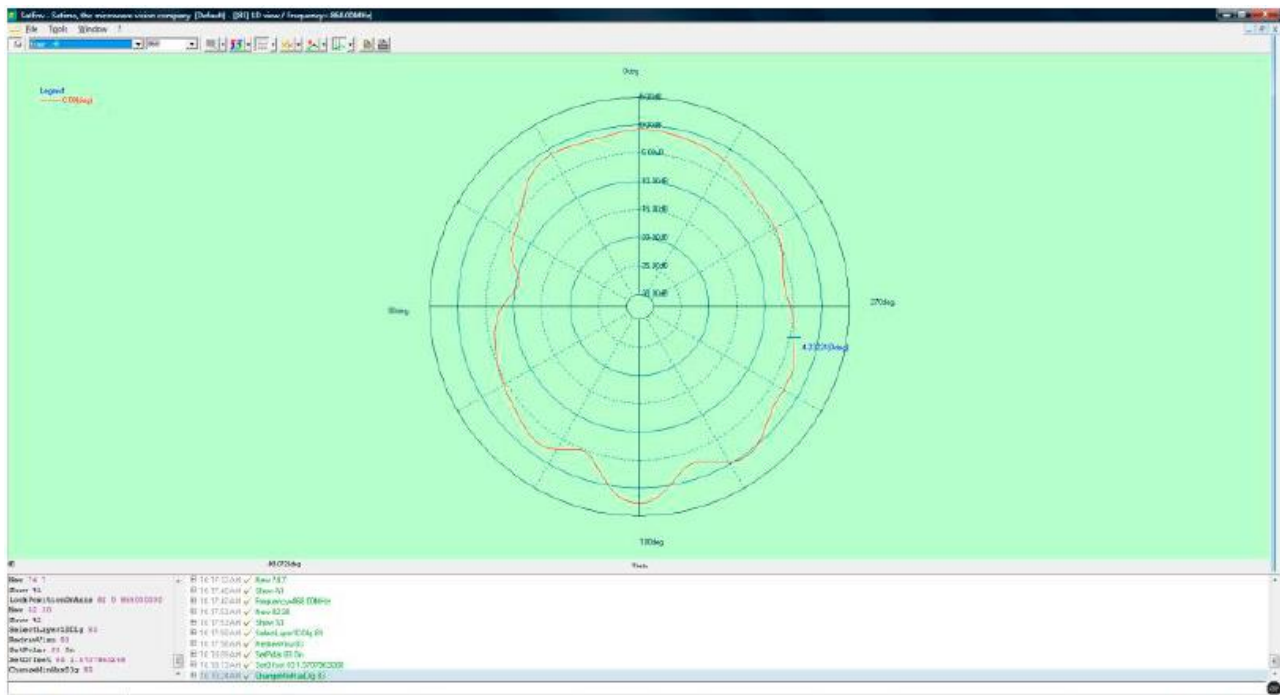
FREQUENCY CHARACTERISTICS



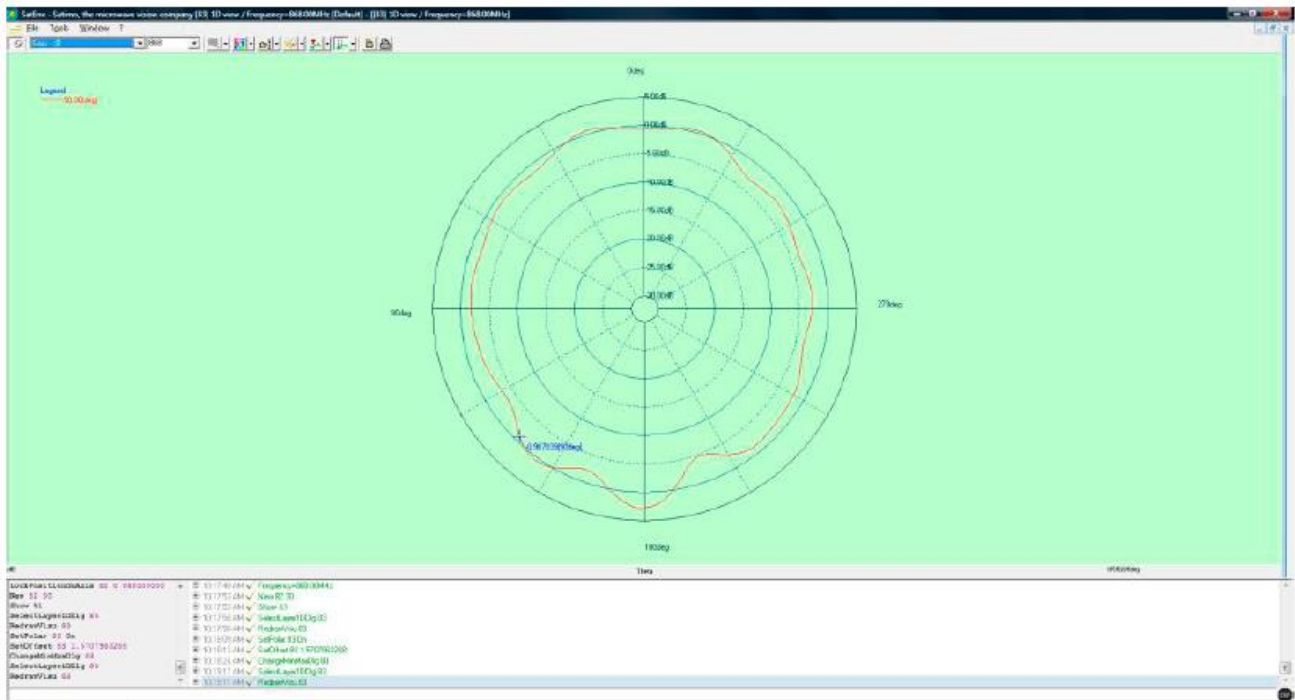
■ RADIATION PATTERN



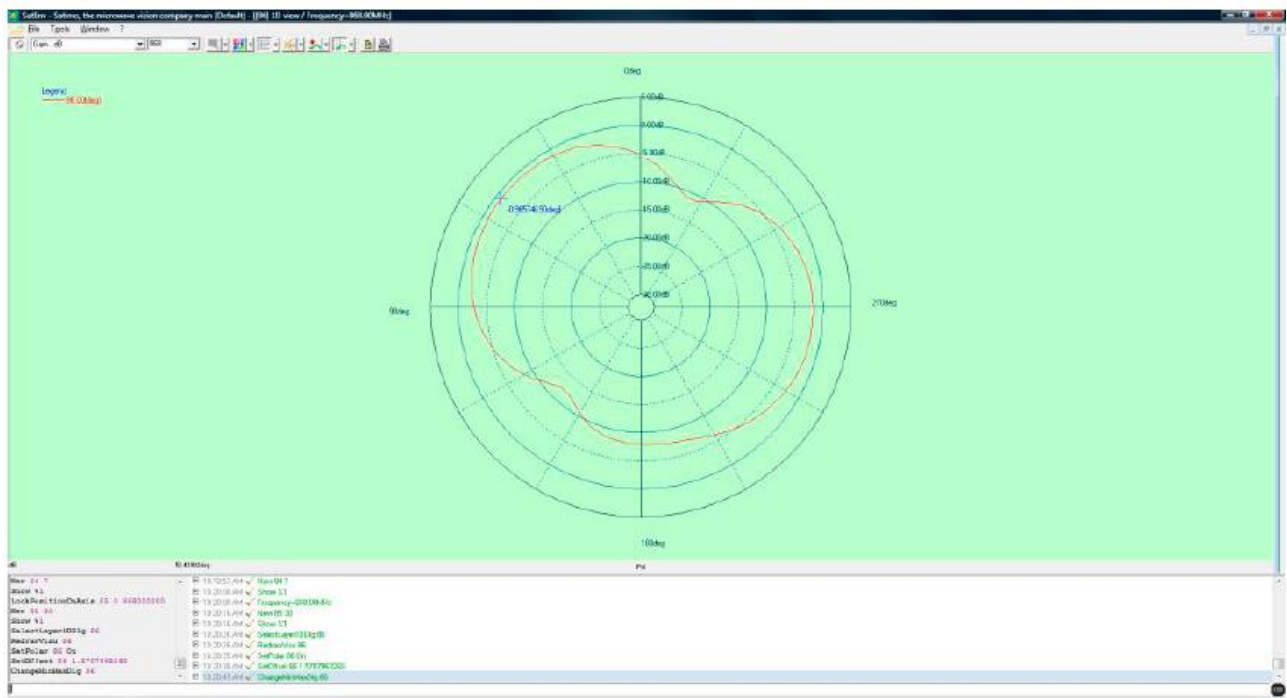
X – Z Plane



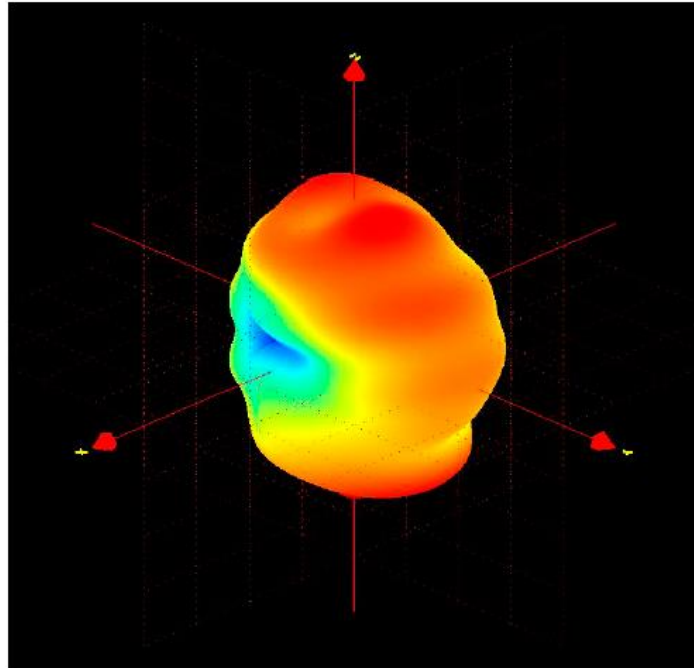
Y – Z Plane



X – Y Plane



■ 3D Radiation Pattern



Frequency (MHz)	858	868	878
Avg. Gain (dBi)	-2.68	-2.05	-2.72
Peak Gain (dBi)	2.35	2.63	2.26
Efficiency (%)	48	52	50

■ APPROVAL

RALTRON	
DRAWN BY:	AR, May 21, 2018
APPROVED BY:	CP, May 21, 2018
REVISION:	A, Initial Release



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