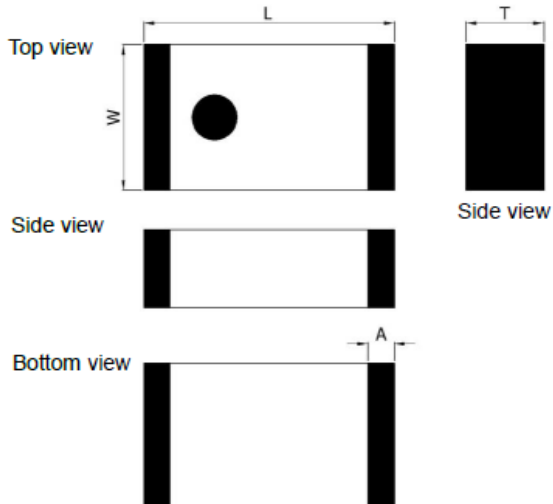


ELECTRICAL SPECIFICATION

PARAMETERS		VALUE	UNIT
Frequency Range		2400 ~ 2500	MHz
Gain, typ		1.32	dBi
VSWR, max		2.0	-
Polarization		Linear	-
Azimuth Beamwidth		Omni-Directional	-
Impedance		50	Ω
Rated Power, max		3	W
Input Power, max (for 5 min)		5	W
Operating Temperature Range		-40 ~ +85	°C
Storage Temperature Range		-40 ~ +85	°C
Storage Condition before Soldering (Included packaging material)	Storage Temperature Range	+5 ~ +40	°C
	Relative Humidity	30 ~ 70	%

MECHANICAL SPECIFICATION



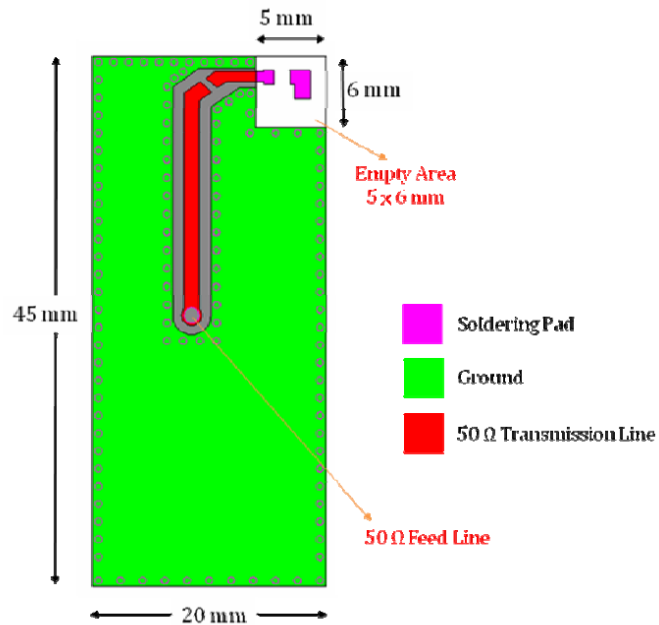
Symbol	Dimension (mm)
L	2.0 ± 0.20
W	1.25 ± 0.20
T	0.90 ± 0.10
A	0.25 ± 0.15

CONSTRUCTION

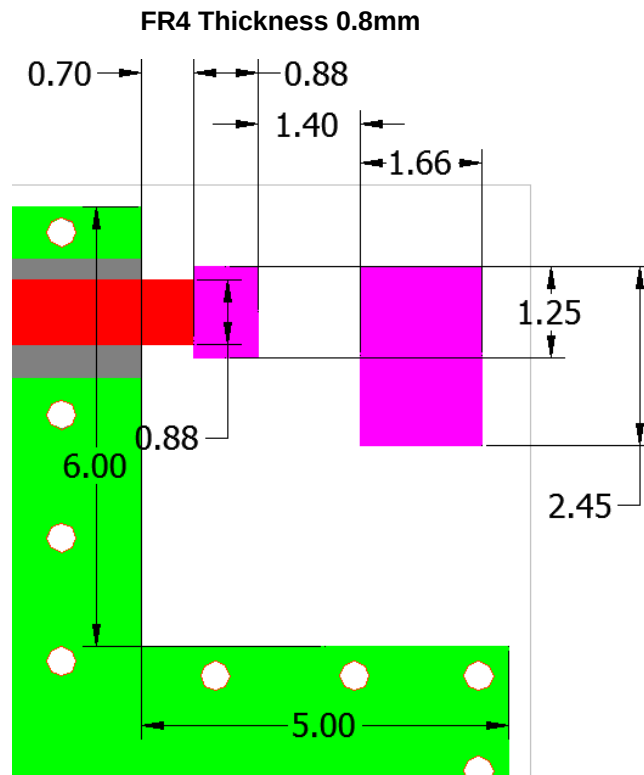


PIN	Connection
P1	Feeding
P2	Soldering terminal

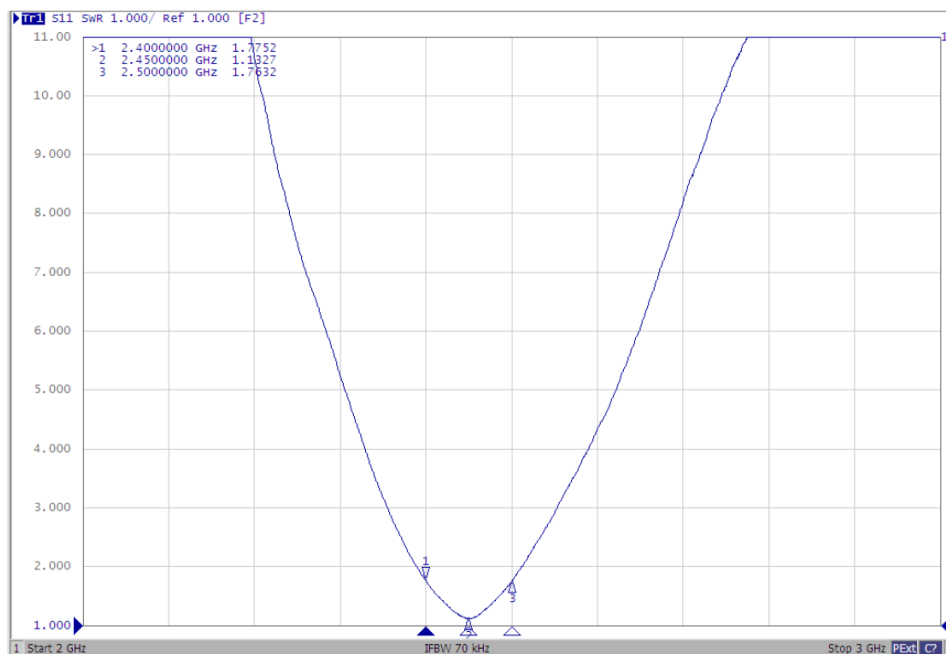
■ SOLDER LAND PATTERN



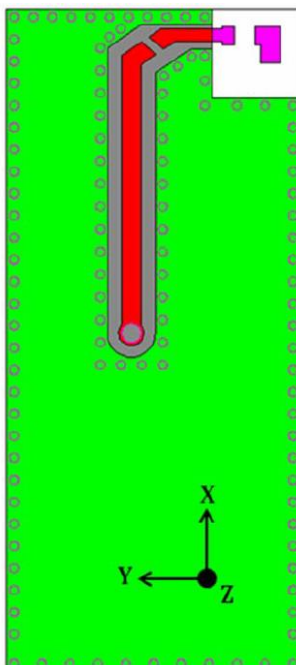
■ ANTENNA ON TEST BOARD

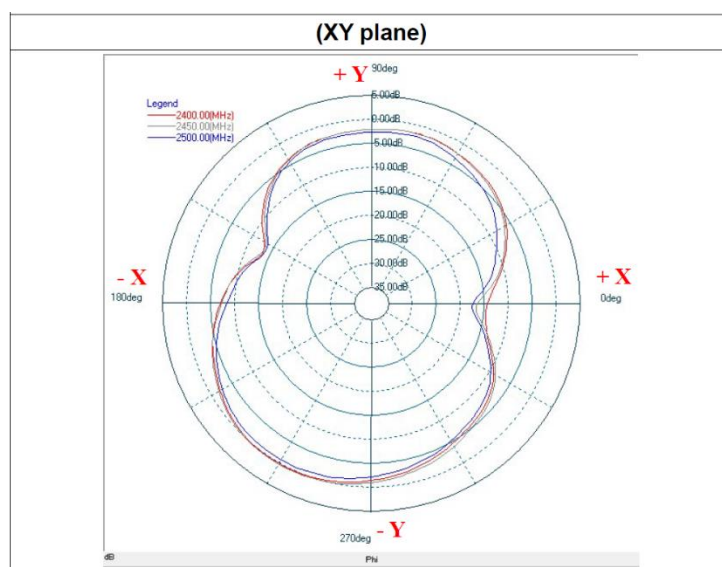
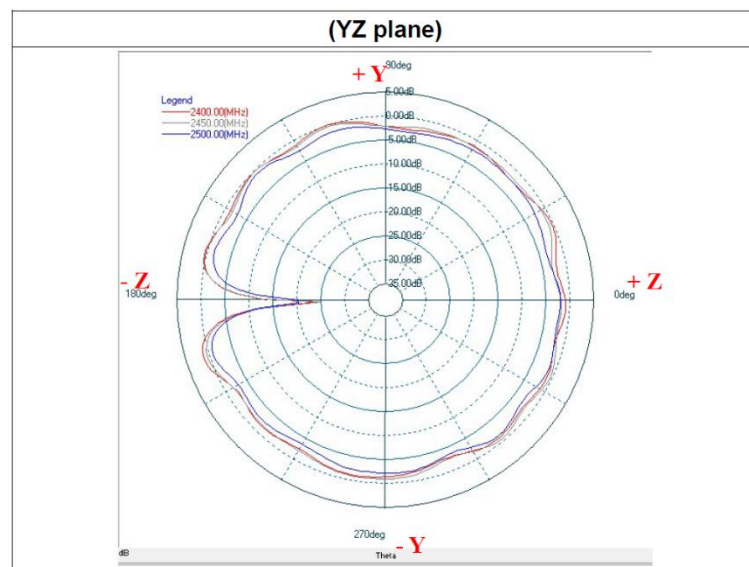
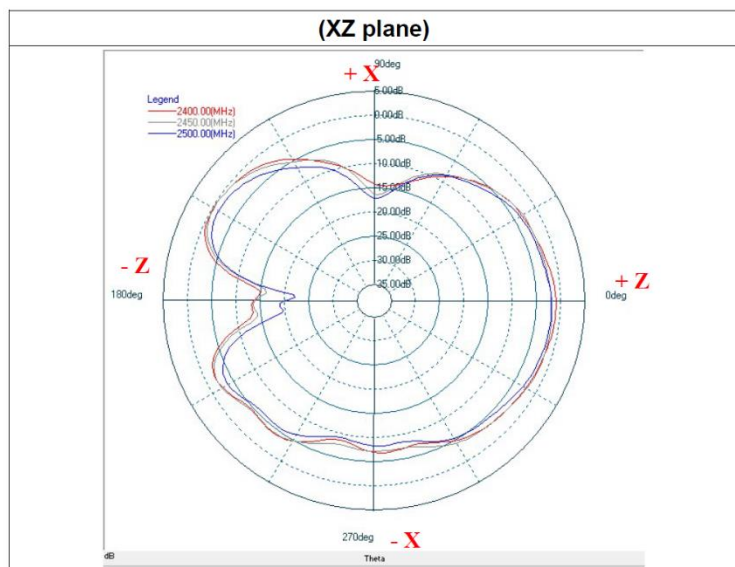


VSWR



■ RADIATION PATTERN





	ZX plane		ZY plane		XY plane	
Frequency [MHz]	Max Value [dB]	Average [dB]	Max Value [dB]	Average [dB]	Max Value [dB]	Average [dB]
2400	-0.23	-4.23	1.29	-1.46	0.04	-3.84
2450	-0.31	-4.40	0.52	-1.49	0.19	-3.72
2500	-1.39	-5.35	-0.79	-2.53	-0.83	-4.69

■ ENVIRONMENTAL

PARAMETER	VALUE
RoHS	Compliant
REACH SVHC	Compliant
HALOGEN-FREE	Compliant



■ APPROVAL

RALTRON	
DRAWN BY:	AR, February 03, 2020
APPROVED BY:	CP, February 03, 2020
REVISION:	A, Initial Release
	B, AR, April 26, 2022
	Updated the Current Revision Levels
	C, AR, March 31, 2023
	Updated the Current Revision Levels

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