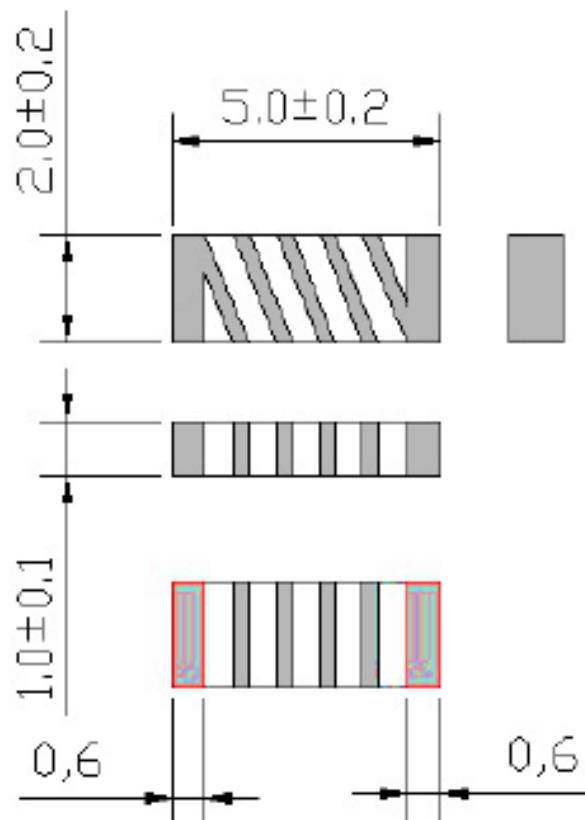


ELECTRICAL SPECIFICATION

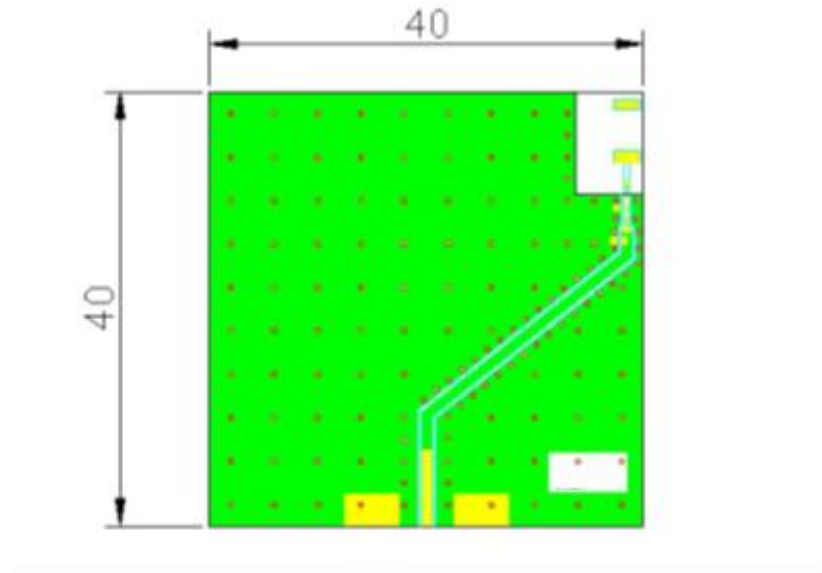
PARAMETERS	VALUE	UNIT
Frequency Range	2400 ~ 2500	MHz
VSWR, max	2.0	-
Input Power, max	2	W
Impedance	50	Ω
Operation Temperature Range	-40 ~ +85	$^{\circ}\text{C}$

MECHANICAL SPECIFICATION

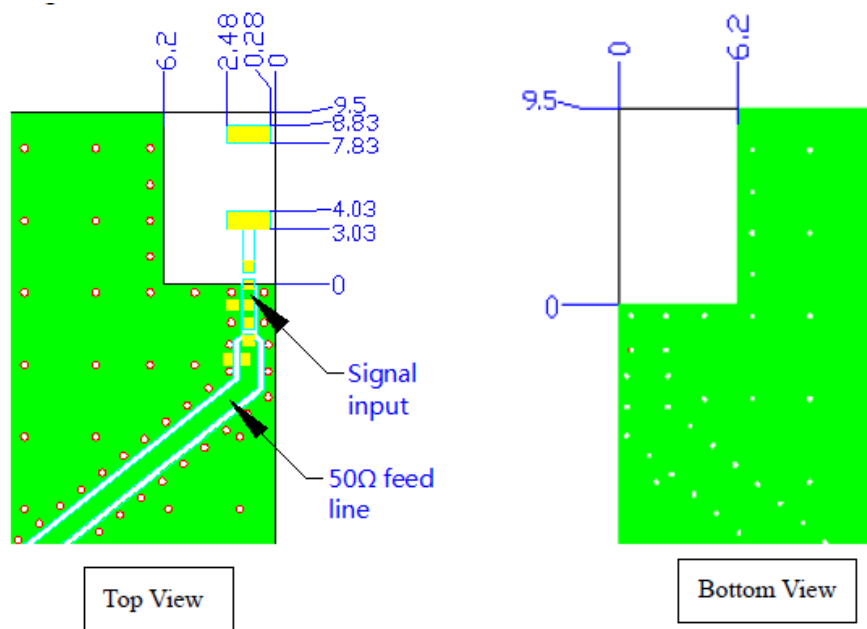


Unit: mm

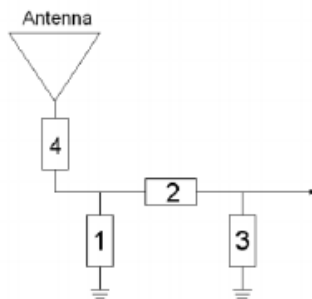
■ TEST BOARD



■ SOLDER LAND PATTERN DESIGN



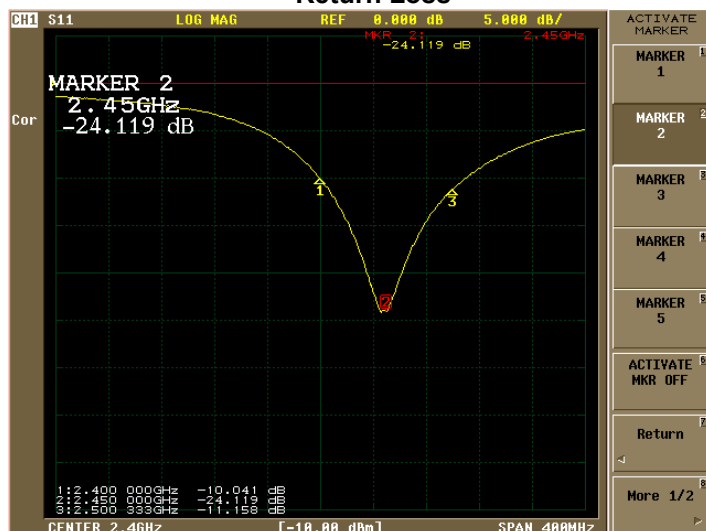
MATCHING CIRCUIT



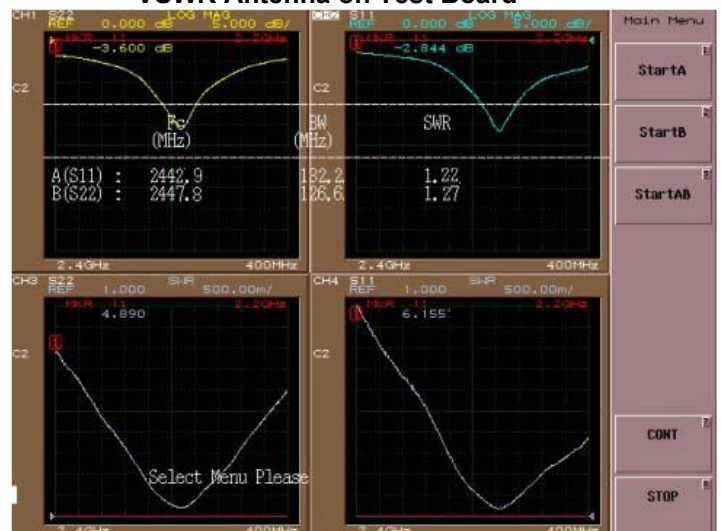
System Matching Circuit Component			
Location	Description	size	Tolerance
1	N/A	--	--
2	2.2nH	0402	0.1nH
3	1.0 pF	0402	0.1 pF
4	0 Ω		

FREQUENCY CHARACTERISTICS

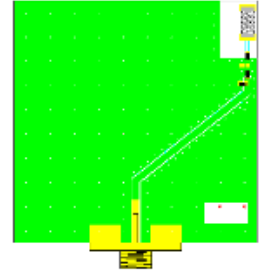
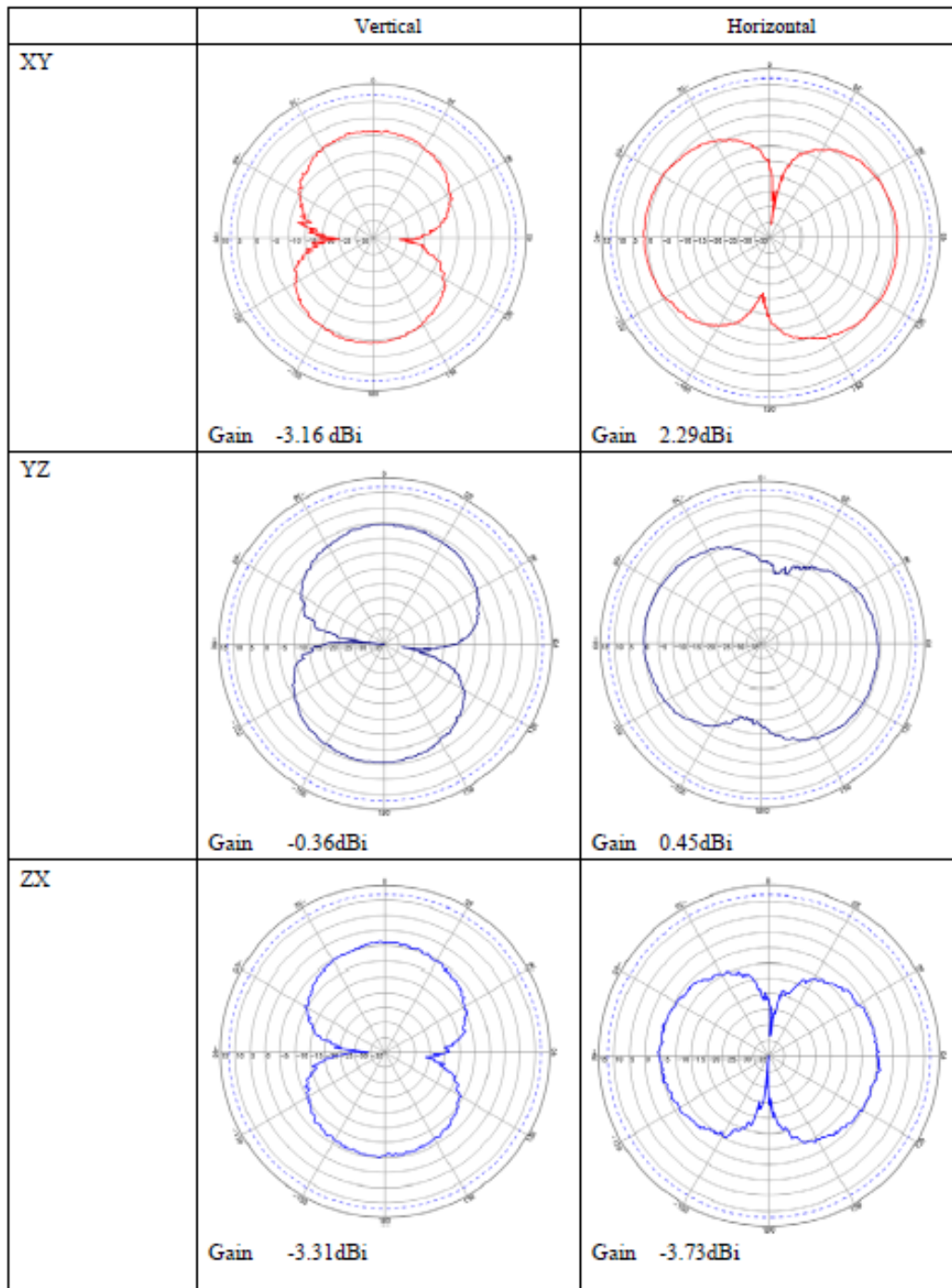
Return Loss



VSWR Antenna on Test Board



■ RADIATION PATTERN



■ ENVIRONMENTAL

PARAMETER	VALUE
RoHS	Compliant
REACH SVHC	Compliant
HALOGEN-FREE	Compliant



■ APPROVAL

RALTRON	
DRAWN BY:	AR, November 11, 2025
APPROVED BY:	CP, November 11, 2025
REVISION:	A, Initial Release

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