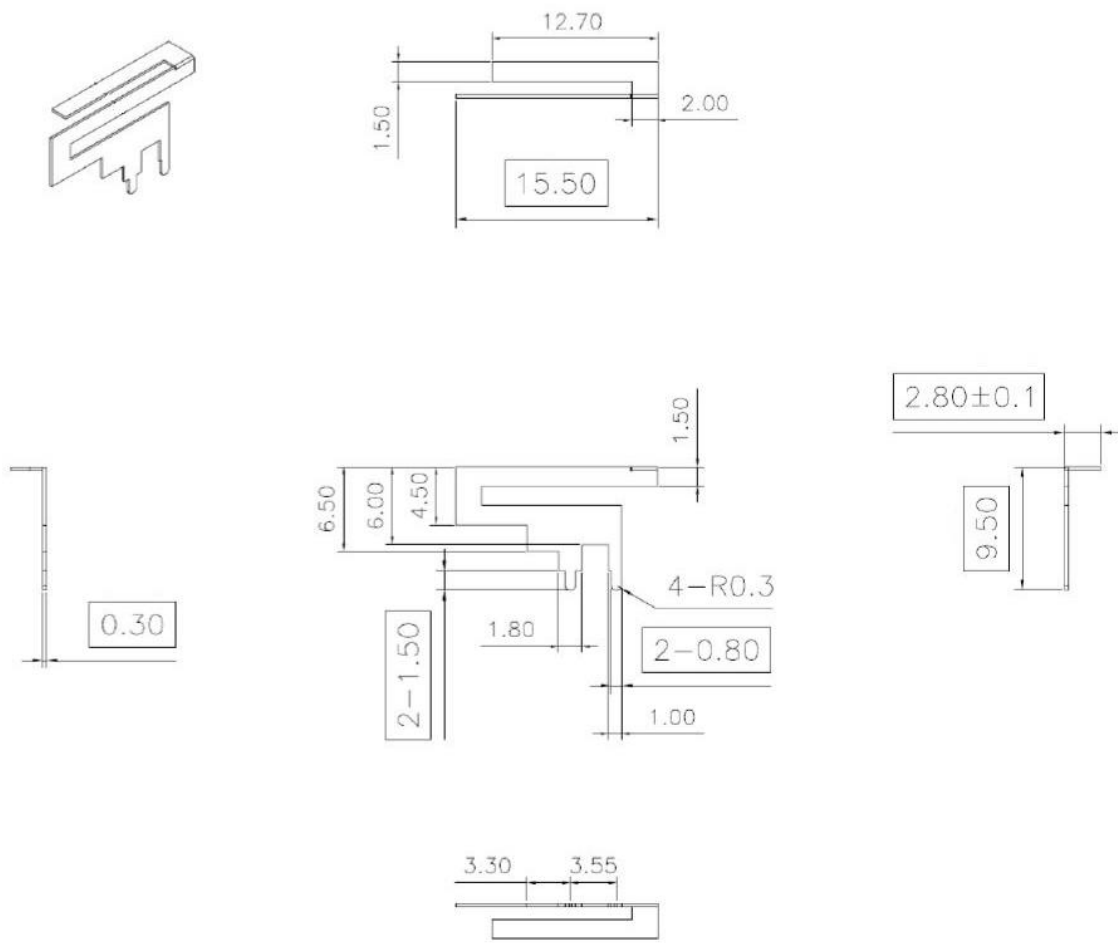


ELECTRICAL SPECIFICATION

PARAMETERS	VALUE	UNIT
Frequency Range	2400 ~ 2500	MHz
Return Loss, max	-10	dB
VSWR, max	2	-
Peak Gain	3.0	dBi
Impedance	50	Ω
Polarization	Linear Vertical	-
Radiation Pattern	Directional	-
Antenna Material	SUS430	-
	T	0.3

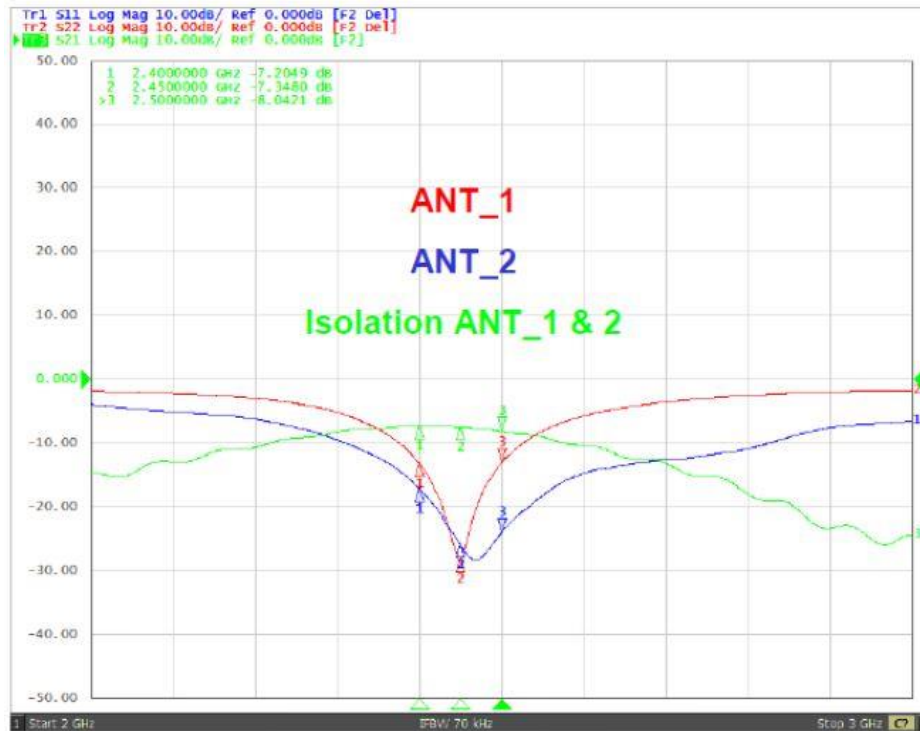
DIMENSIONS



Unit : mm

■ FREQUENCY CHARACTERISTICS

Return Loss



■ RADIATION PATTERN

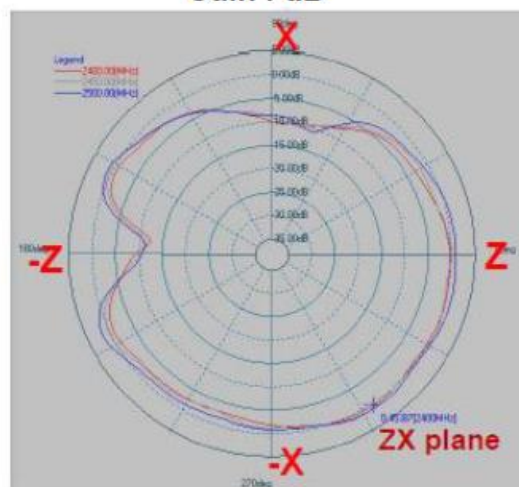
2400~2500 MHz

(ANT2)

X-Z Plane

Phi=0.00deg

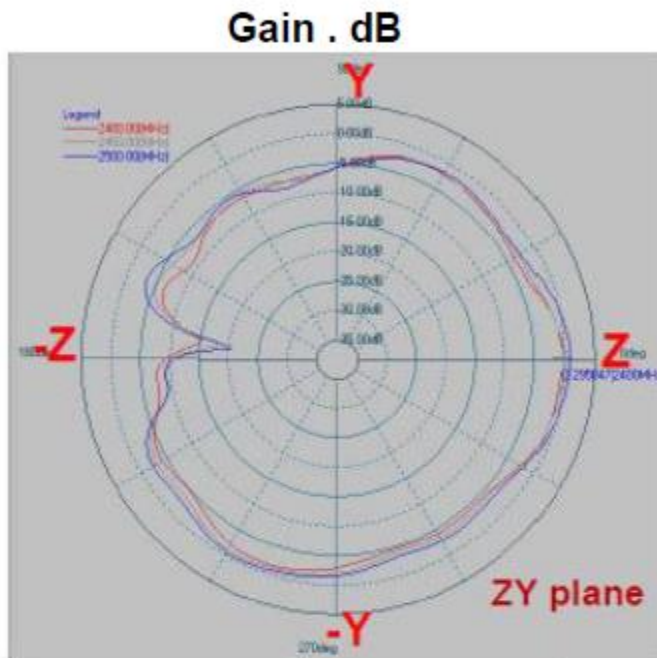
Gain . dB



Plane	Frequency [MHz]	Max Value [dB]	Average [dB]
ZX	2400	0.45	-2.40
	2450	1.11	-1.96
	2500	1.54	-1.25

Y-Z Plane

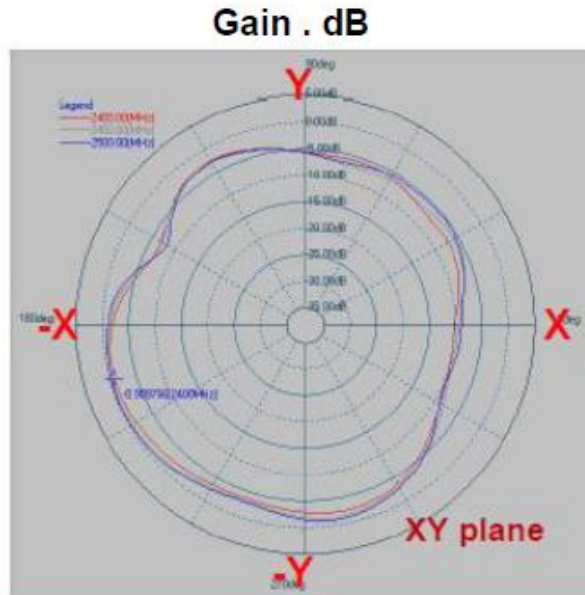
Phi=90.00deg



Plane	Frequency [MHz]	Max Value [dB]	Average [dB]
ZY	2400	-0.30	-3.83
	2450	-0.01	-3.40
	2500	0.93	-2.78

X-Y Plane

Theta=90.00deg



Plane	Frequency [MHz]	Max Value [dB]	Average [dB]
XY	2400	-0.91	-4.39
	2450	-0.37	-3.90
	2500	-0.30	-3.65

ENVIRONMENTAL

PARAMETER	VALUE
RoHS	Compliant
REACH SVHC	Compliant
HALOGEN-FREE	Compliant



APPROVAL

RALTRON	
DRAWN BY:	AR, March 30, 2022
APPROVED BY:	CP, March 30, 2022
REVISION:	A, Initial Release

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