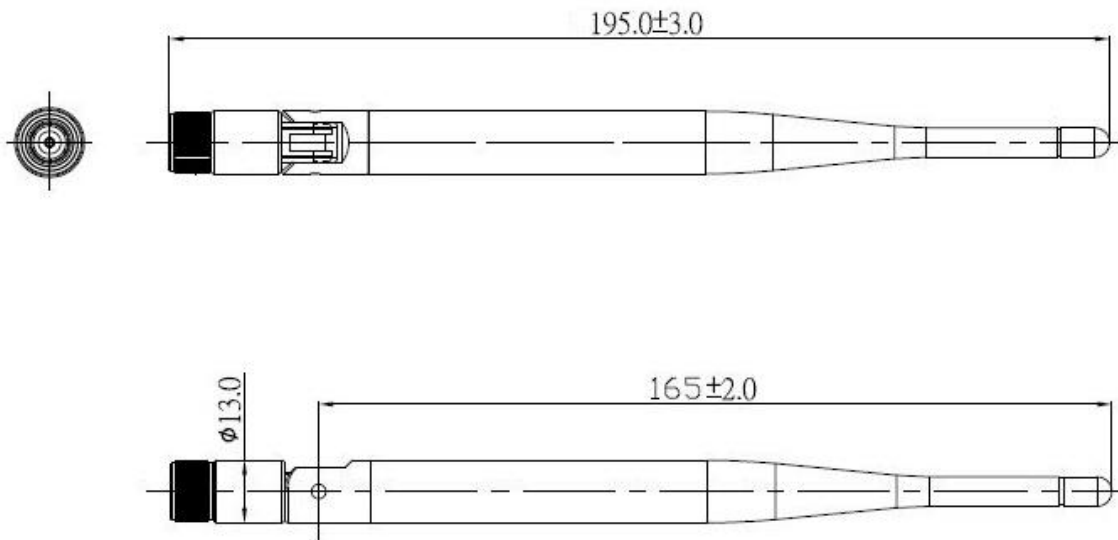


ELECTRICAL SPECIFICATION

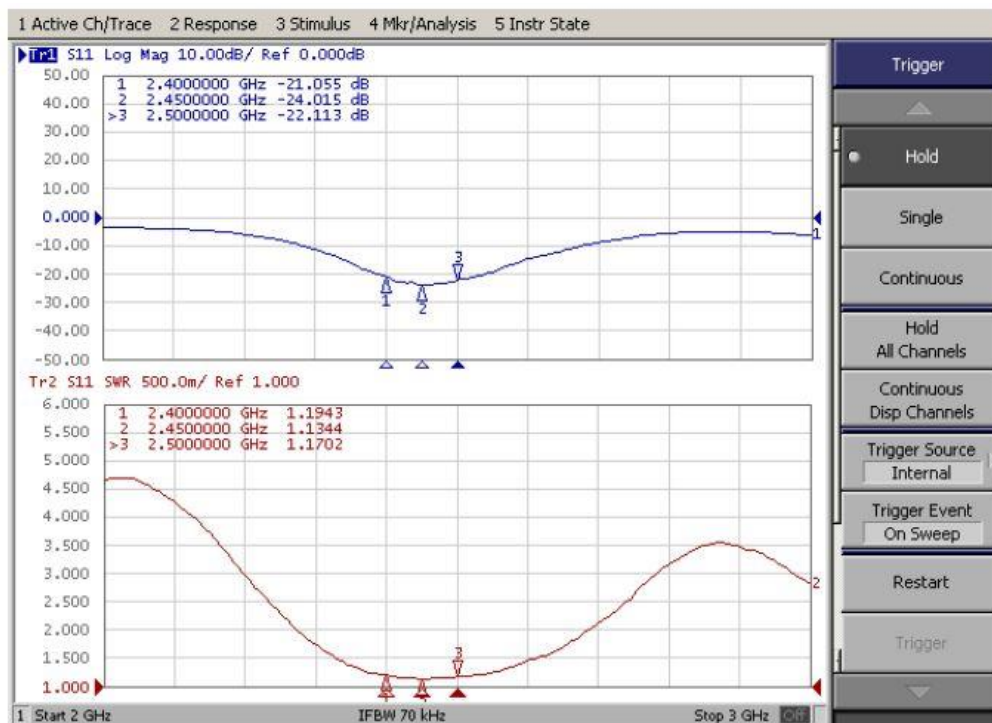
PARAMETER	VALUE	UNIT
Frequency Range	2400 ~ 2500	MHz
Polarization	Linear	-
Radiation Pattern	Omni-Directional	-
Peak Gain	5.0	dBi
VSWR, max	2.0	-
Impedance	50	Ω
Connector	SMA Male	-
Material of Radiator	Cu	-
Operating Temperature Range	-40 ~ +75	$^{\circ}\text{C}$
Storage Temperature Range	-40 ~ +80	$^{\circ}\text{C}$
RoHS Compliant	YES	-

DIMENSIONS



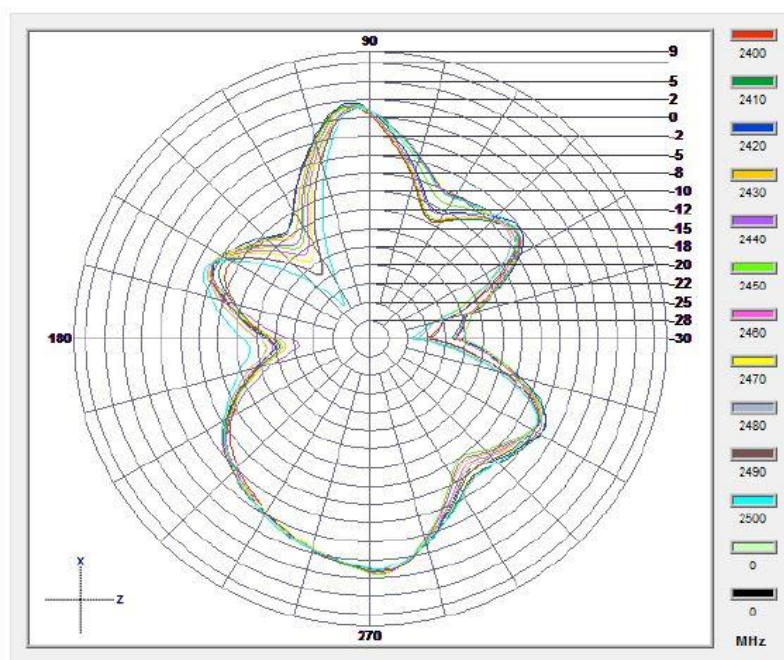
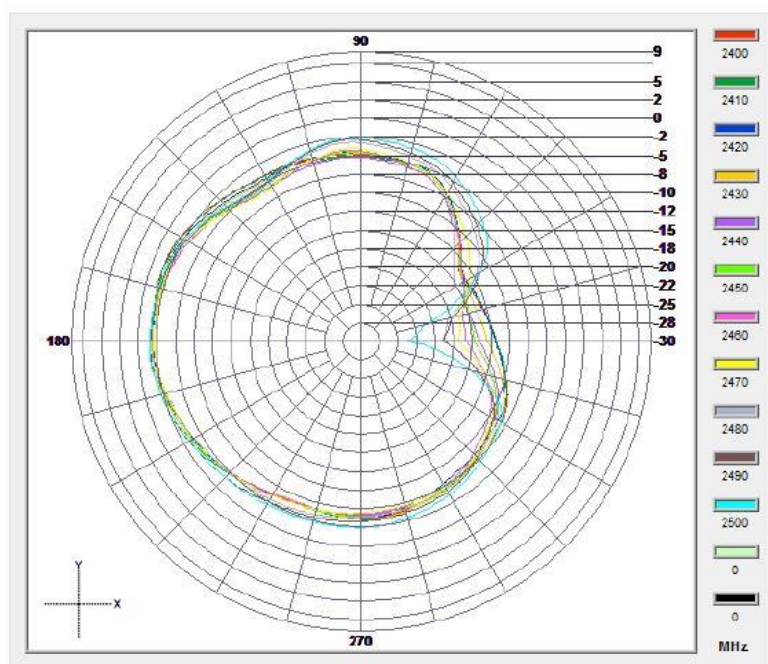
Unit: mm

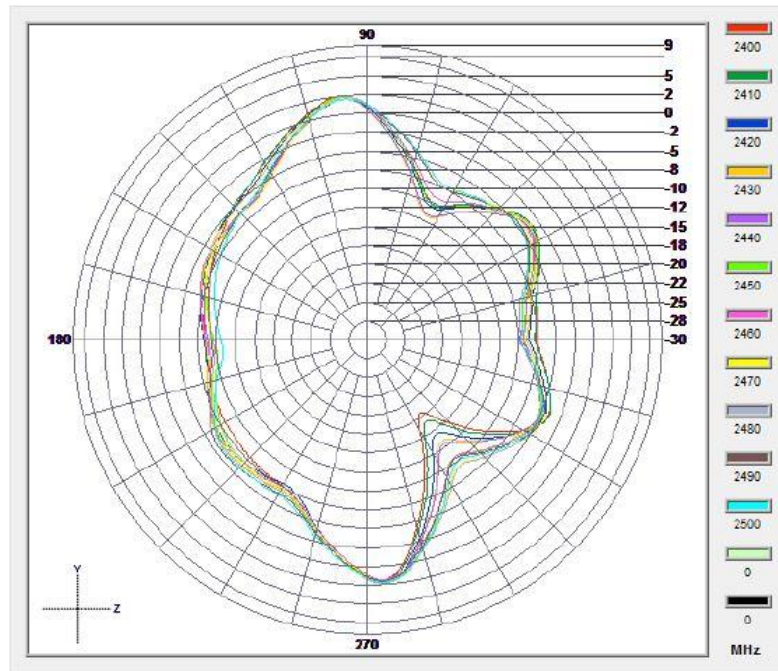
■ FREQUENCY CHARACTERISTICS



■ RADIATION PATTERN

Frequency	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak Gain (dBi)	4.38	4.59	4.81	4.72	4.8	4.91	4.54	4.56	4.75	4.55	4.75
Efficiency (%)	70.71	72.78	74.53	73.06	71.61	74.61	70.39	70.26	72.42	71.08	71.45
Average Gain (dB)	-1.51	-1.38	-1.28	-1.36	-1.45	-1.27	-1.52	-1.53	-1.4	-1.48	-1.46





ENVIRONMENTAL

PARAMETER	VALUE
RoHS	Compliant
REACH SVHC	Compliant
HALOGEN-FREE	Compliant



APPROVAL

RALTRON	
DRAWN BY:	AR, July 18, 2022
APPROVED BY:	CP, July 18, 2022
REVISION:	A, Initial Release

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