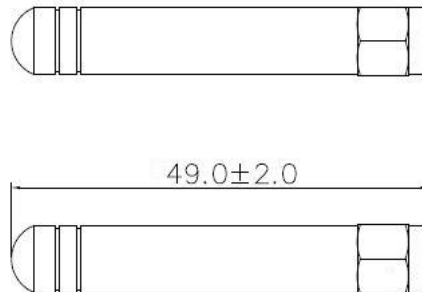


ELECTRICAL SPECIFICATION

PARAMETER		VALUE	UNIT
Frequency Range		824 ~ 960 1710 ~ 2170	MHz
Polarization		Linear	-
Radiation Pattern		Omni-Directional	-
Gain (Peak)		2.0	dBi
VSWR, max	@880 MHz	2.5	-
	@1880 MHz	2.5	-
Impedance		50	Ω
Material of Radiator		Cu	-
Connector		SMA Male	-
Operating Temperature Range		-40 ~ +70	$^{\circ}\text{C}$
Storage Temperature Range		-40 ~ +80	$^{\circ}\text{C}$
RoHS Compliant		YES	-



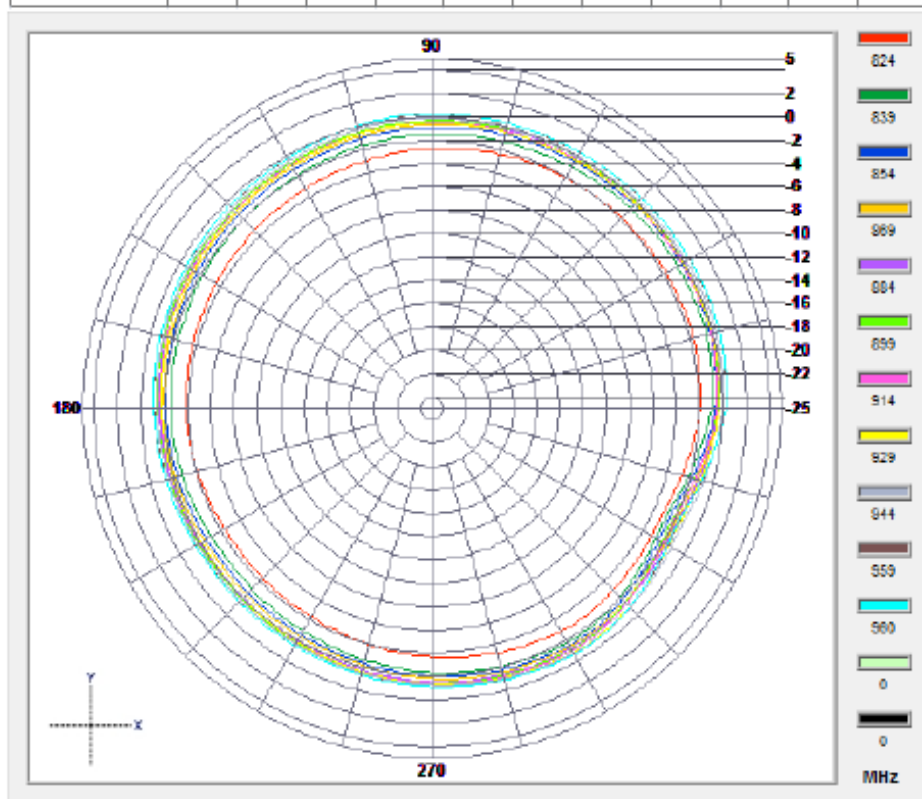
DIMENSIONS

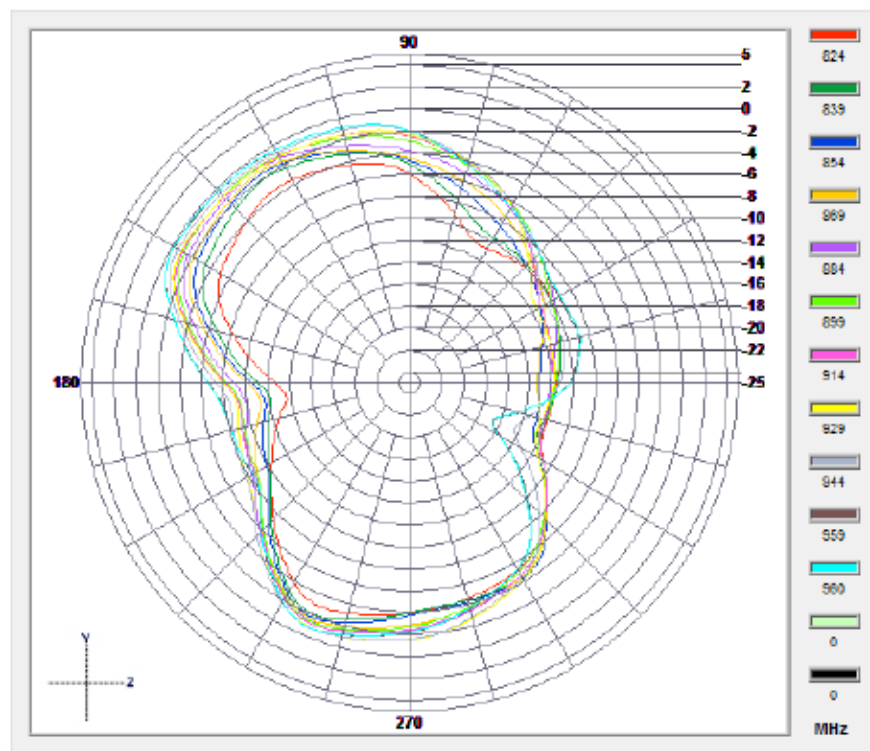
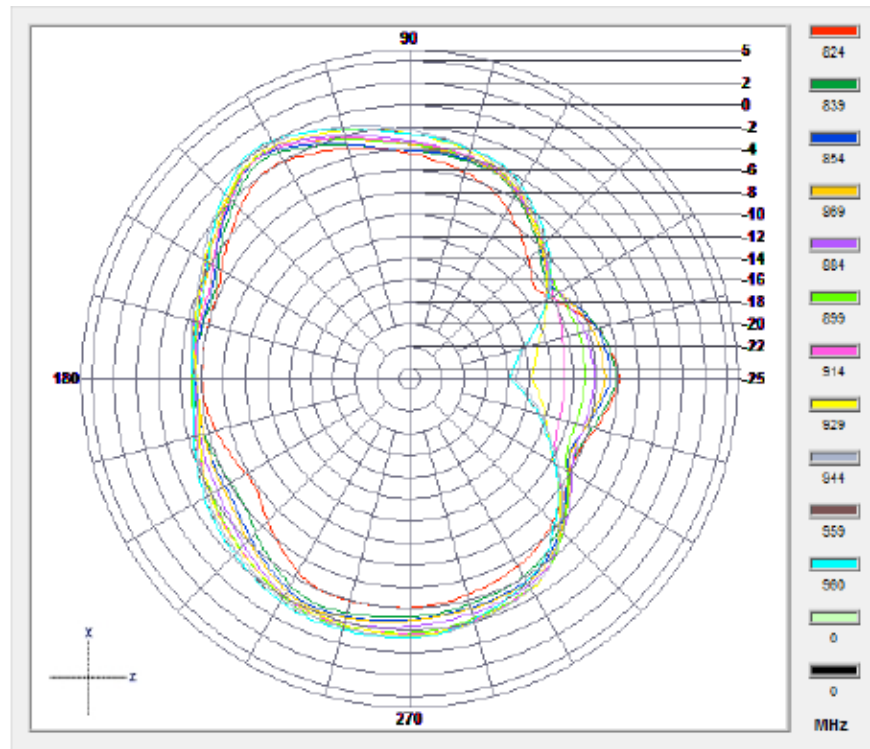


Unit: mm

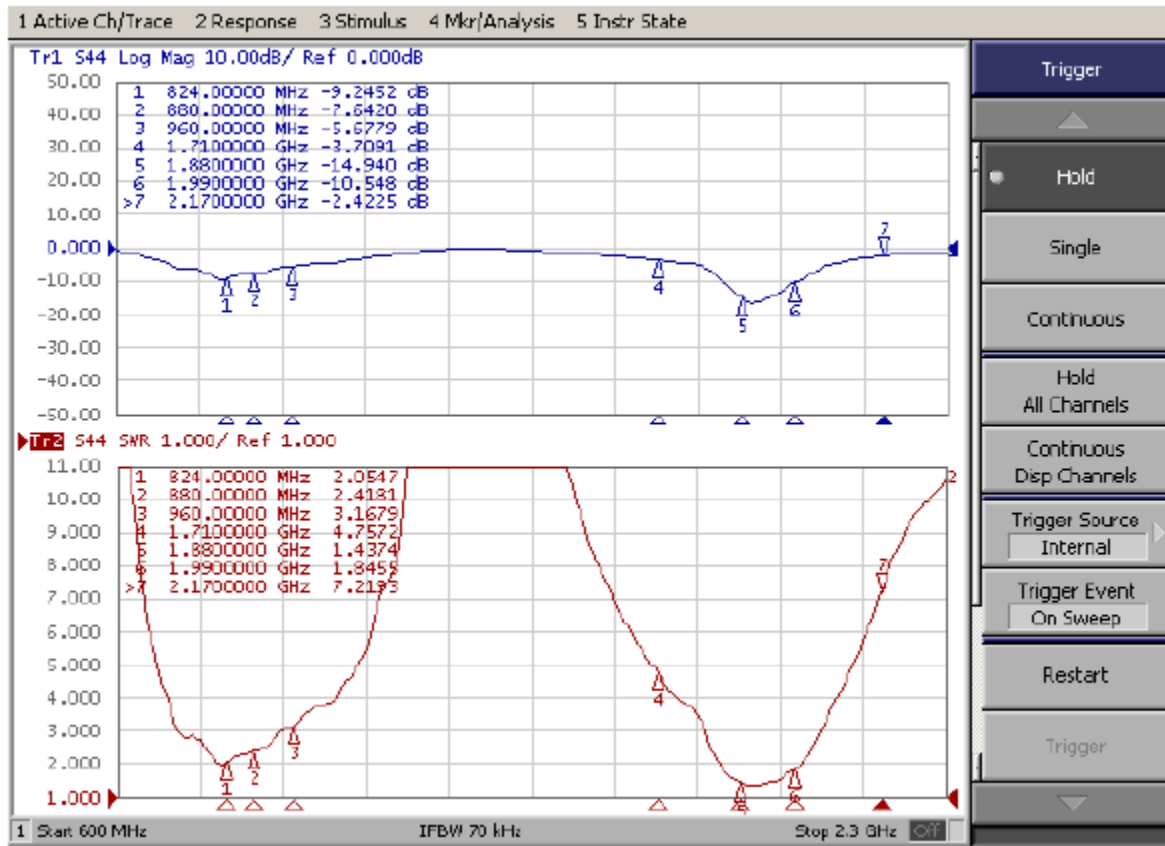
■ RADIATION PATTERN

Frequency	824	839	854	869	884	899	914	929	944	959	960
Peak Gain (dBi)	-1.67	-0.58	-0.18	-0.09	0.02	0.03	0.15	0.23	0.42	0.74	0.76
Efficiency (%)	31.51	38.76	41.93	44.89	49.16	50.9	51.68	53.99	56.14	56.24	56.26
Average Gain (dB)	-5.02	-4.12	-3.78	-3.48	-3.08	-2.93	-2.87	-2.68	-2.51	-2.5	-2.5





FREQUENCY CHARACTERISTICS



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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