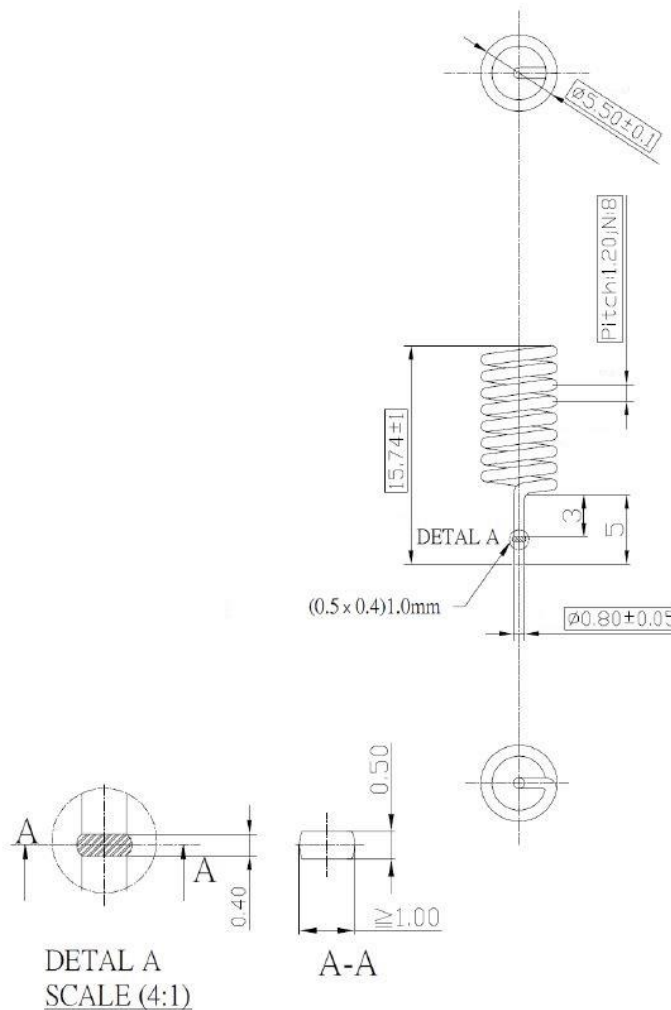


ELECTRICAL SPECIFICATION

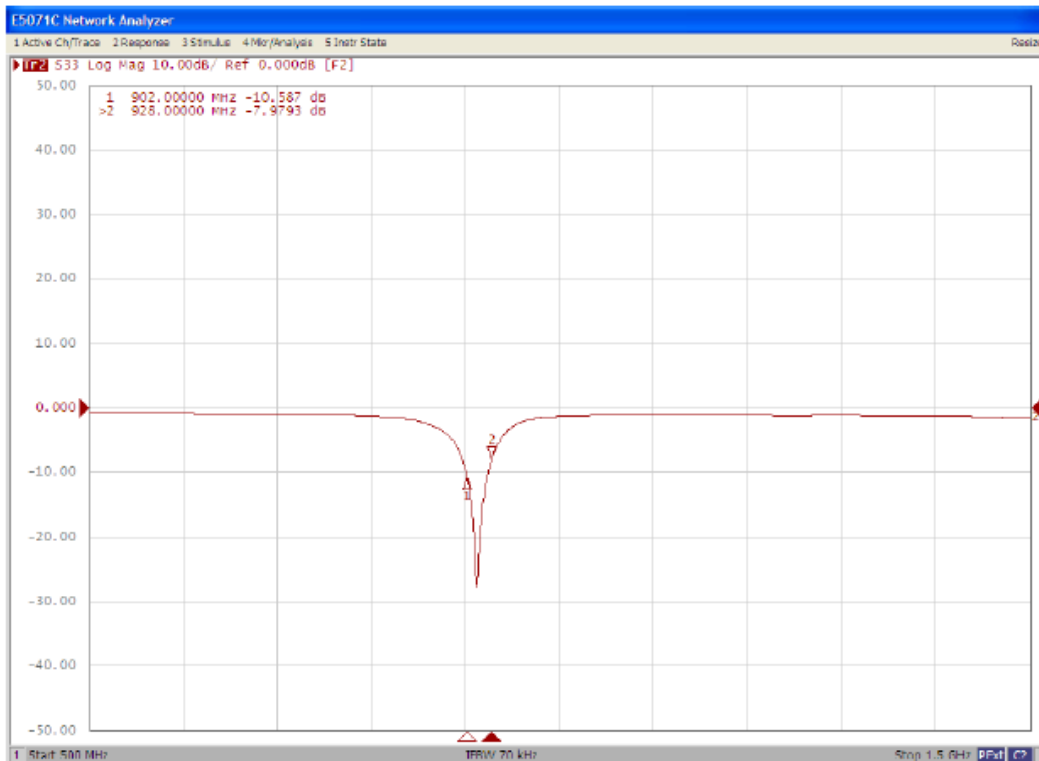
PARAMETER	VALUE	UNIT
Frequency Range	902 ~ 928	MHz
Peak Gain	1.28	dBi
VSWR, max	3.0	-
Polarization	Linear Vertical	-
Antenna Material	Phosphor Bronze	-
	Ø0.8mm	-

DIMENSIONS

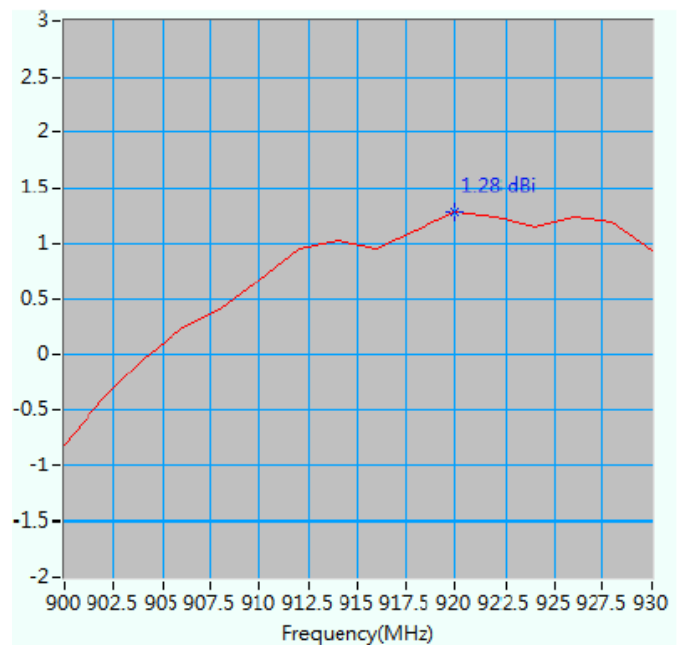
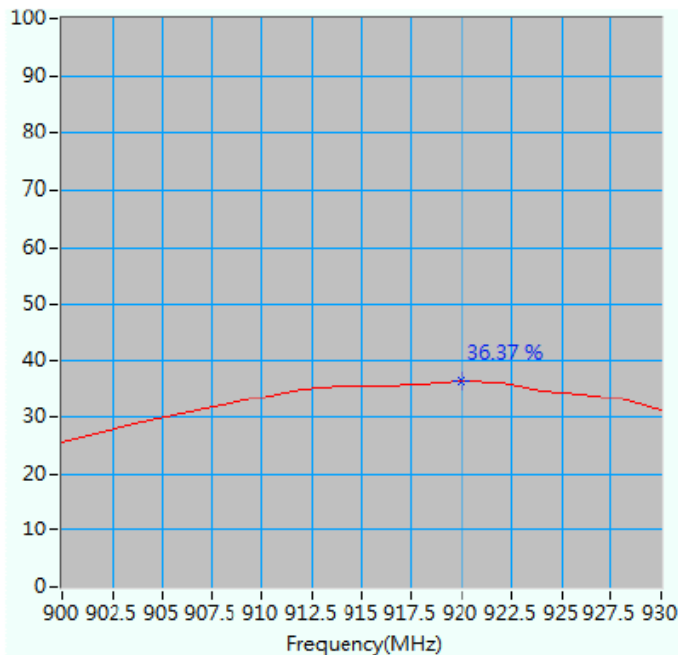


Unit: mm

FREQUENCY CHARACTERISTICS



EFFICIENCY & PEAK GAIN



Maximum Efficiency at 920 MHz : 36.37 %

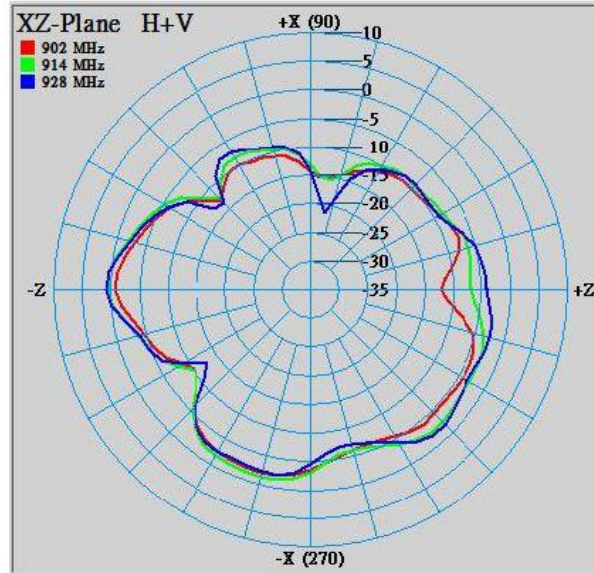
Maximum Peak Gain at 920 MHz : 1.28 dBi

RADIATION PATTERNS

X-Z Plane

Phi=0.00deg

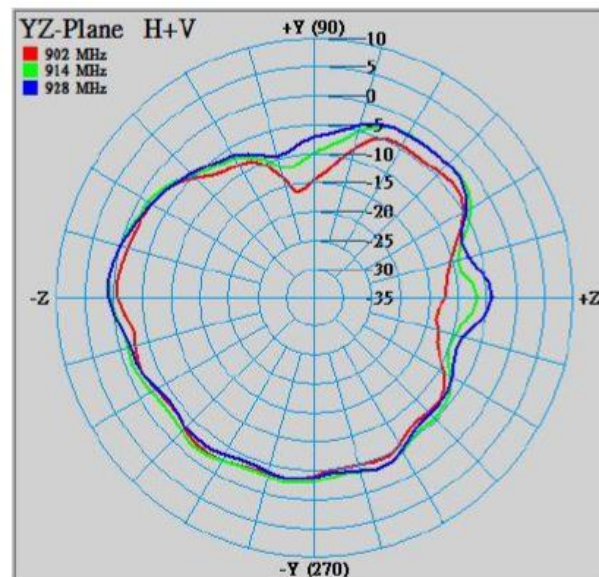
Gain . dB



Y-Z Plane

Phi=90.00deg

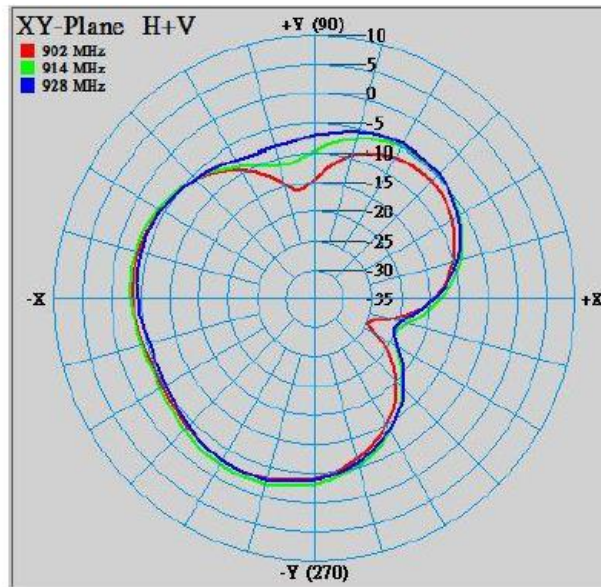
Gain . dB



X-Y Plane

Theta=90.00deg

Gain . dB



Frequency [MHz]	ZX plane		ZY plane		XY plane	
	Max Value [dB]	Average [dB]	Max Value [dB]	Average [dB]	Max Value [dB]	Average [dB]
902	-0.68	-5.85	-0.44	-4.79	-2.88	-6.48
914	0.77	-4.64	0.97	-3.47	-1.99	-5.55
928	0.94	-4.73	1.13	-3.64	-2.77	-5.95

ENVIRONMENTAL

PARAMETER	VALUE
RoHS	Compliant
REACH SVHC	Compliant
HALOGEN-FREE	Compliant



APPROVAL

RALTRON	
DRAWN BY:	AR, March 29, 2022
APPROVED BY:	CP, March 29, 2022
REVISION:	A, Initial Release

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