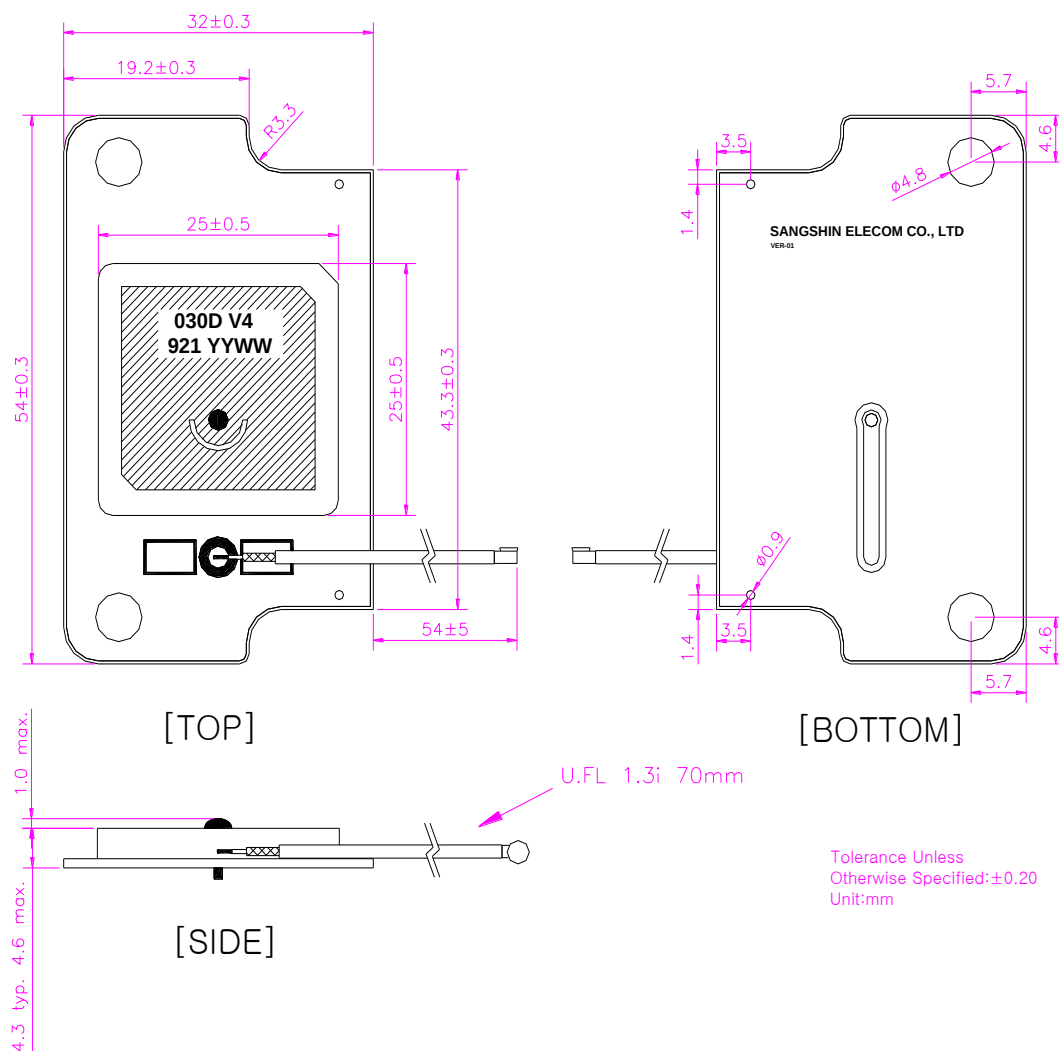


Customer	파이칩스	Written	Checked	Approved
Part No.	KSA-A921MS25T3A	SY Kim		
Date	02-Mar-22			

1. Electrical Specifications.(@Test Fixture)

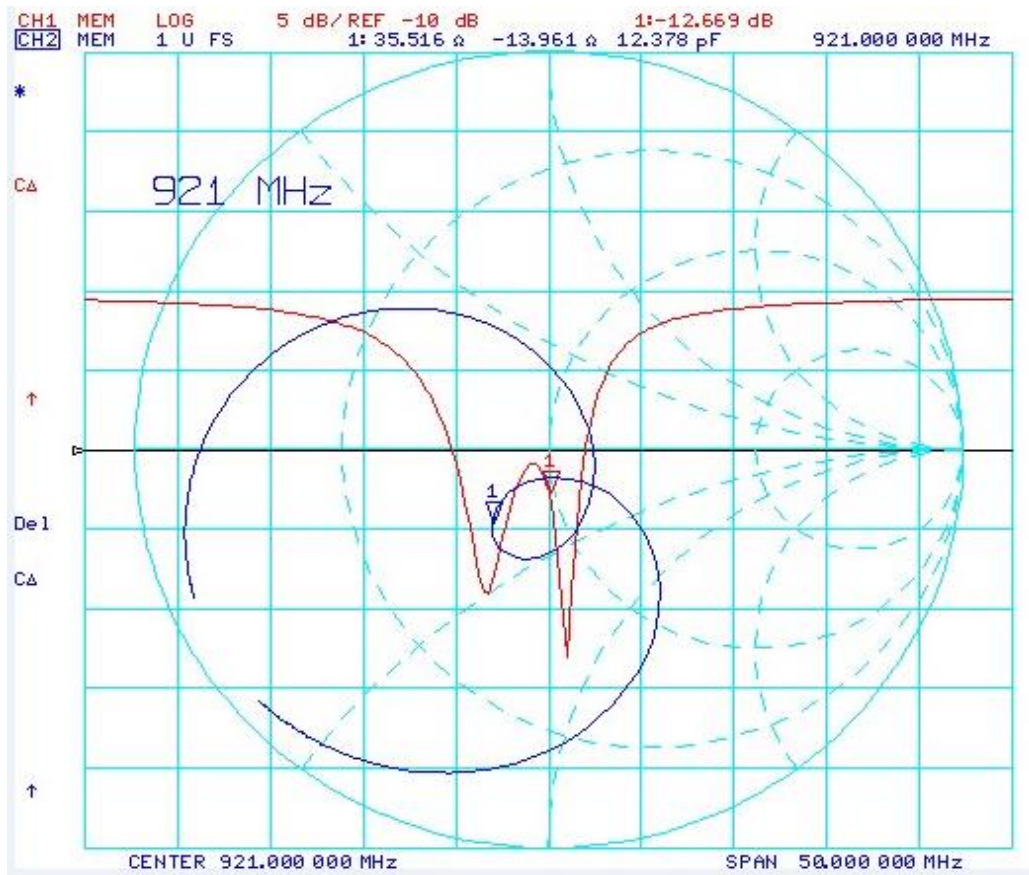
ITEM	Specifications
Center Frequency (=Fc)	921 ± 3 MHz
Bandwidth in 8 dB	5 MHz min.
Return Loss @ Fc	-8 dB max.
Peak Gain @ In set	0.08 dBic
Impedance	50 Ω
Polarization	R.H.C.P

2. Dimensions.



3. Data.

3.1) Return Loss & Smith Chart (test fixture)



3.2) Antenna Chamber Data (housing)

No.	Freq.	RHCP		Peak[dBic]	Theta[c]	Phi[deg]	H(Theta=0)				E1(Phi=0)				E2(Phi=90)			
		Eff.[%]	Avg.[dBic]				Avg.[dBic]	Peak[dBic]	[deg]	BW[deg]	Avg.[dBic]	Peak[dBic]	Theta[c]	BW[deg]	Avg.[dBic]	Peak[dBic]	Theta[c]	BW[deg]
1	916.000	18.99	-7.22	-2.15	45.00	270.00	-8.47	-5.41	90.00	100.26	-8.34	-3.93	-30.00	81.37	-6.34	-2.15	-45.00	69.81
2	917.000	24.72	-6.07	-1.05	45.00	270.00	-7.45	-4.47	105.00	98.03	-7.12	-2.59	-30.00	84.02	-5.10	-1.05	-45.00	73.14
3	918.000	30.42	-5.17	-0.22	45.00	270.00	-6.69	-3.79	105.00	94.38	-6.15	-1.50	-30.00	86.24	-4.11	-0.22	-45.00	76.89
4	919.000	34.67	-4.60	0.29	30.00	255.00	-6.27	-3.53	105.00	90.01	-5.50	-0.74	-30.00	87.61	-3.47	0.24	-30.00	132.54
5	920.000	36.14	-4.42	0.39	30.00	255.00	-6.25	-3.71	105.00	85.47	-5.26	-0.41	-30.00	88.10	-3.24	0.31	-30.00	134.11
6	921.000	34.61	-4.61	0.08	30.00	240.00	-6.58	-3.77	270.00	106.38	-5.41	-0.51	-30.00	86.30	-3.41	-0.04	-30.00	132.85
7	922.000	30.79	-5.12	-0.51	30.00	240.00	-7.19	-3.97	255.00	97.30	-5.91	-0.99	-30.00	76.46	-3.92	-0.76	-30.00	129.55
8	923.000	25.53	-5.93	-1.37	30.00	225.00	-8.06	-4.46	255.00	89.11	-6.77	-1.87	-30.00	62.13	-4.77	-1.79	-30.00	77.11
9	924.000	19.71	-7.05	-2.53	30.00	225.00	-9.18	-5.50	255.00	85.39	-7.96	-3.14	-30.00	51.99	-5.95	-3.10	-30.00	62.50
10	925.000	14.45	-8.40	-3.91	30.00	225.00	-10.48	-6.91	255.00	83.02	-9.41	-4.67	-30.00	47.49	-7.34	-4.55	-30.00	57.16
11	926.000	10.43	-9.82	-5.38	30.00	225.00	-11.81	-8.49	255.00	81.98	-10.95	-6.31	-30.00	44.05	-8.80	-5.86	-105.00	47.37

