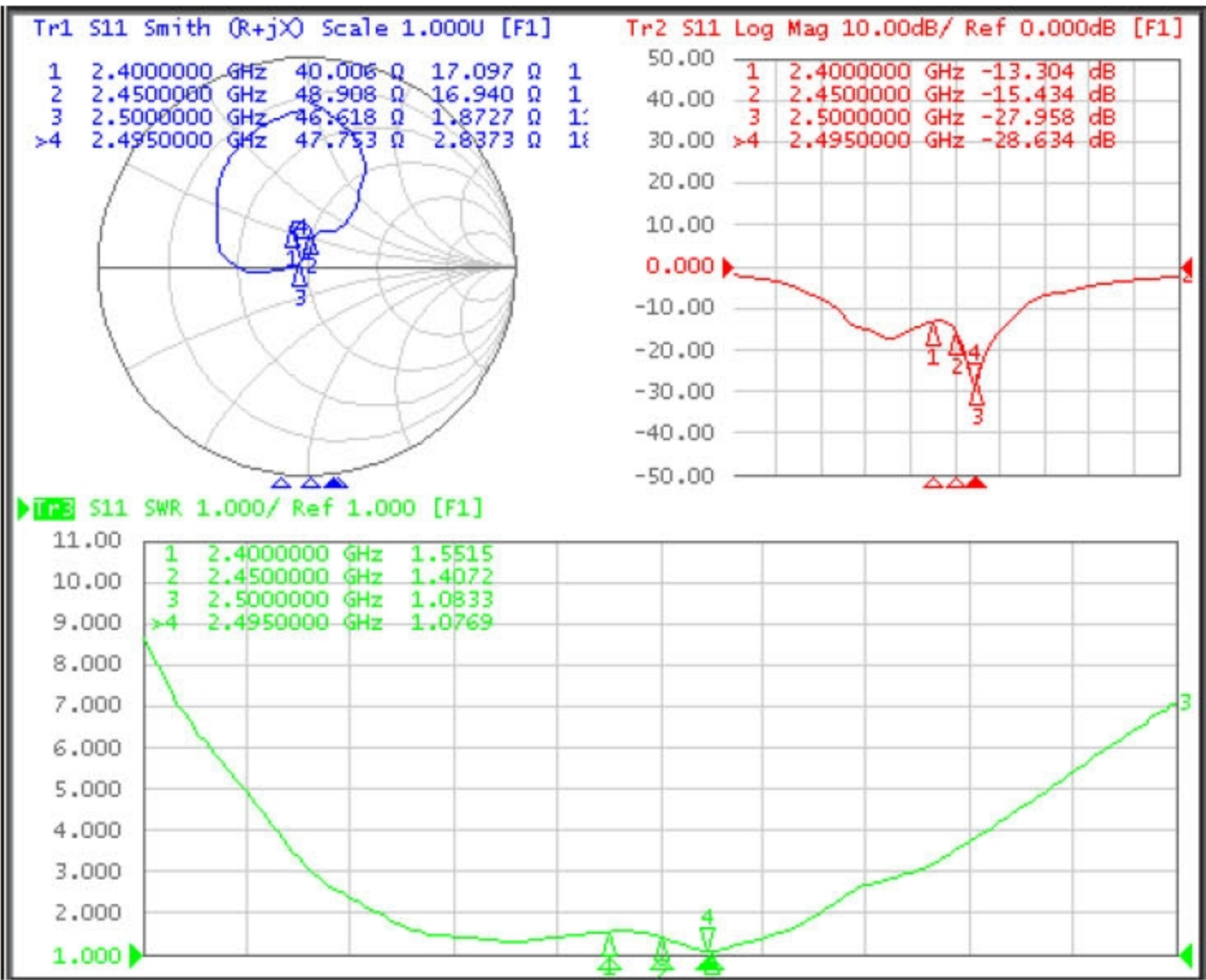


Electronics character

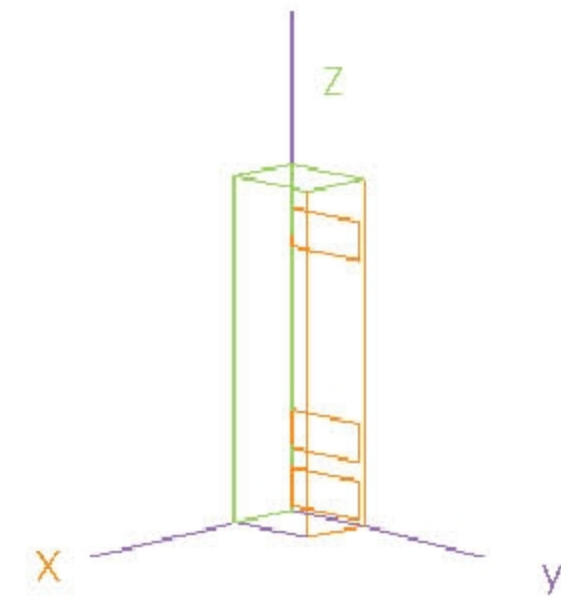
Electronics character	CODE	KJI - 0004
1. Specification		
1.1 Genaral Specification		
MODEL	KJI - 0004	
ANTENNA TYPE	FOLDED MONOPOLE TYPE	
APPLICATIONS	ANTENNA	
1.2 Test Fixture		
Frequency Range [Mhz]	2400 ~ 2500 MHz	
Lower FREQUENCY(2400Mhz) SWR [MAX]	3.0	
Upper FREQUENCY(2500Mhz) SWR [MAX]	2.0	
1.3 Set Measurment		
ITEM	SPEC	
Frequency Range [Mhz]	2400 ~ 2500	
Gain [Max]	0.36 dBi	
Input Impedance [Ω]	50 Ω	
Polarization	-	
1.4 Spec		
LENGTH	26.7mm × 8.4mm	
TEMPERATURE	-40℃ ~ + 80℃	
CONNECTOR TYPE	SOLDER CONTACT TYPE	

1.5 SET Measurement Data [Network data]



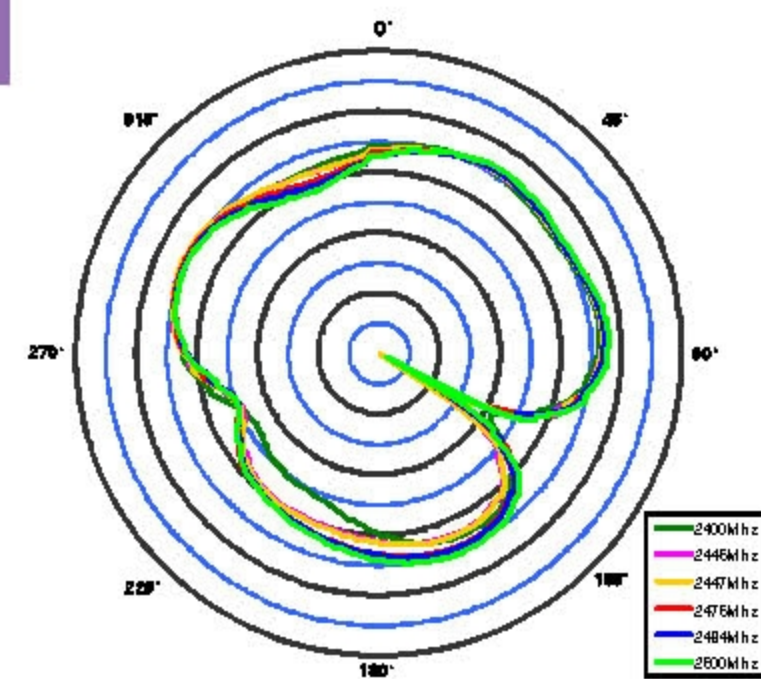
1.6 Set 실장 측정 [2D Passive chamber data]

- H plan : XY
- E1 plan : XZ
- E2 plan : ZY



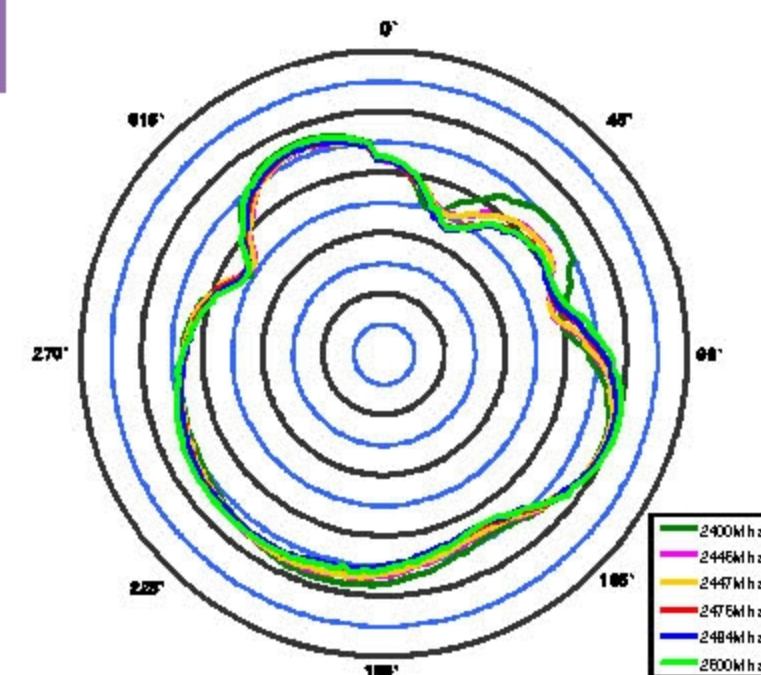
- H plan

Frequency	Max(dBi)	Avg(dBi)	Beam Peak
2400Mhz	-3.40	-7.14	84`
2445Mhz	-2.87	-6.77	84`
2447Mhz	-2.86	-6.78	84`
2475Mhz	-2.56	-6.50	86`
2484Mhz	-2.65	-6.63	86`
2500Mhz	-2.00	-6.19	86`



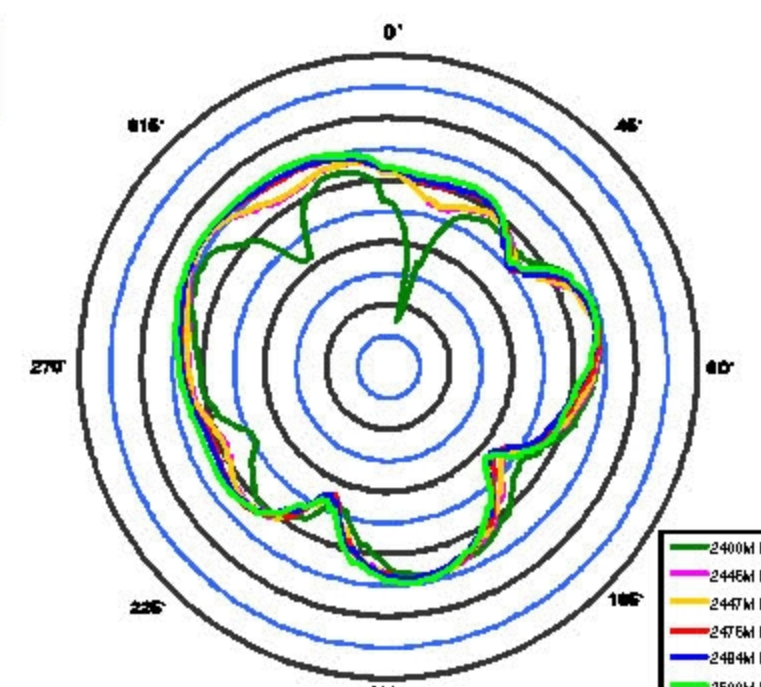
- E1 plan

Frequency	Max(dBi)	Avg(dBi)	Beam Peak
2400Mhz	-0.91	-4.51	116`
2445Mhz	-0.63	-5.13	112`
2447Mhz	-0.66	-5.17	110`
2475Mhz	-0.25	-5.19	112`
2484Mhz	-0.31	-5.31	112`
2500Mhz	0.36	-4.72	110`



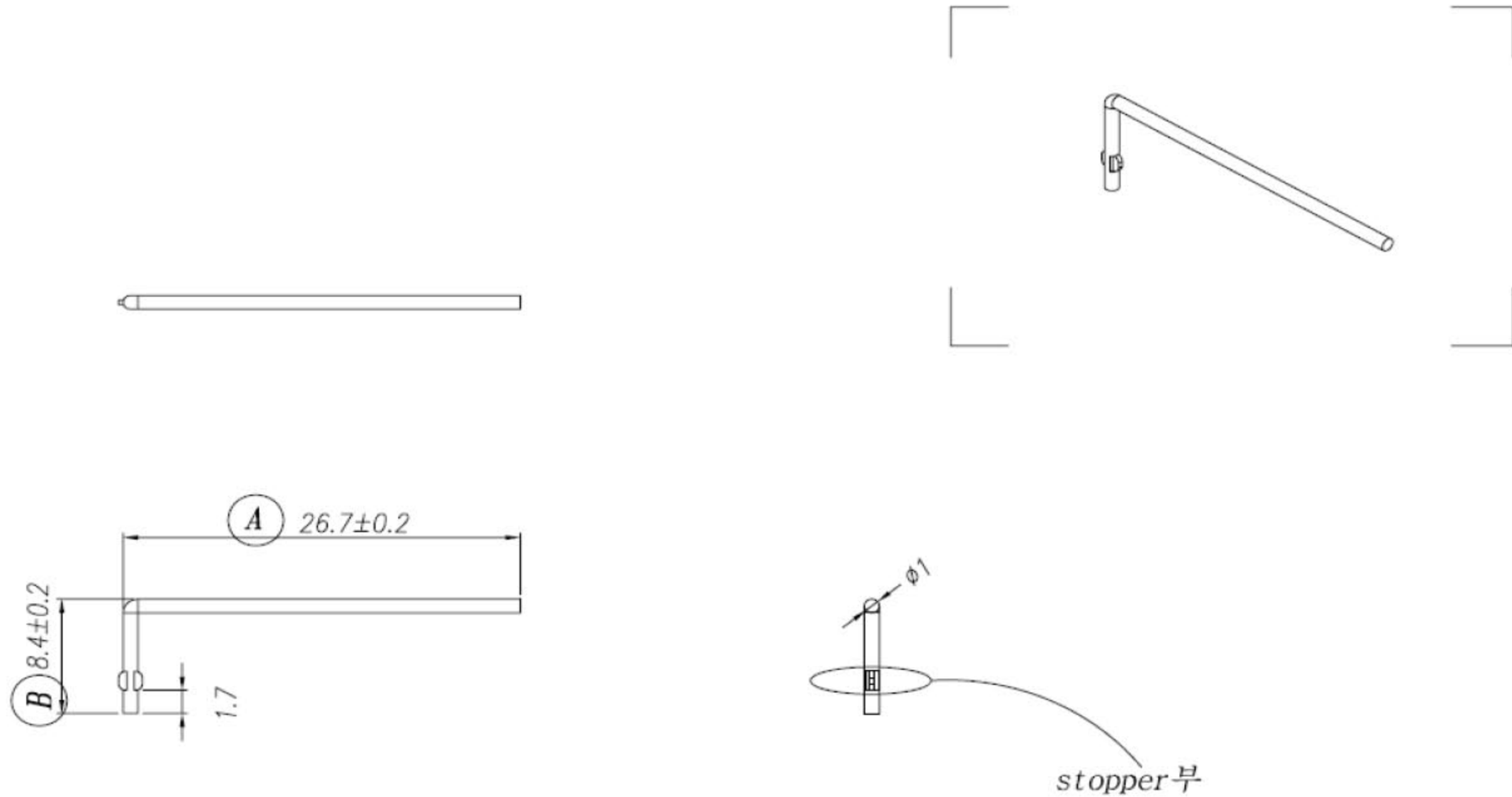
- E2 plan

Frequency	Max(dBi)	Avg(dBi)	Beam Peak
2400Mhz	-5.40	-9.31	78`
2445Mhz	-4.12	-8.30	304`
2447Mhz	-4.08	-8.27	304`
2475Mhz	-3.57	-7.57	304`
2484Mhz	-3.75	-7.64	304`
2500Mhz	-3.48	-7.09	302`



Assembly Drawing

AMEND	MRK.	DATE	REVISION	SIGN



NOTE

1. 도금 사양: 동도금 + 니켈도금 + 내식성투명코팅
(Ni: $5 \mu m$ 이상)

2. (A) ~ (B) 관리치수

1	MET-0006	METAL	인청동	1	Ni PLATED
NO.	PARTS NO.	NAME	MATERIAL	Q'TY.	REMARKS
DRAW BY	CHECK BY	APPROVE BY	김윤호	SCALE	UNIT
				3/1	mm
DRAWING CODE NUMBER	MODEL NAME	KJI-0004		PARTS NAME	