

Electronics character

Electronics character CODE KJI - 0004

1. Specification

1.1 General 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 Measurement

ITEM	SPEC
Frequency Range [Mhz]	2400 ~ 2500
Gain [Max]	0.36 dBi
Input Impedance [Ω]	50 Ω
Polarization	-

1.4 Spec

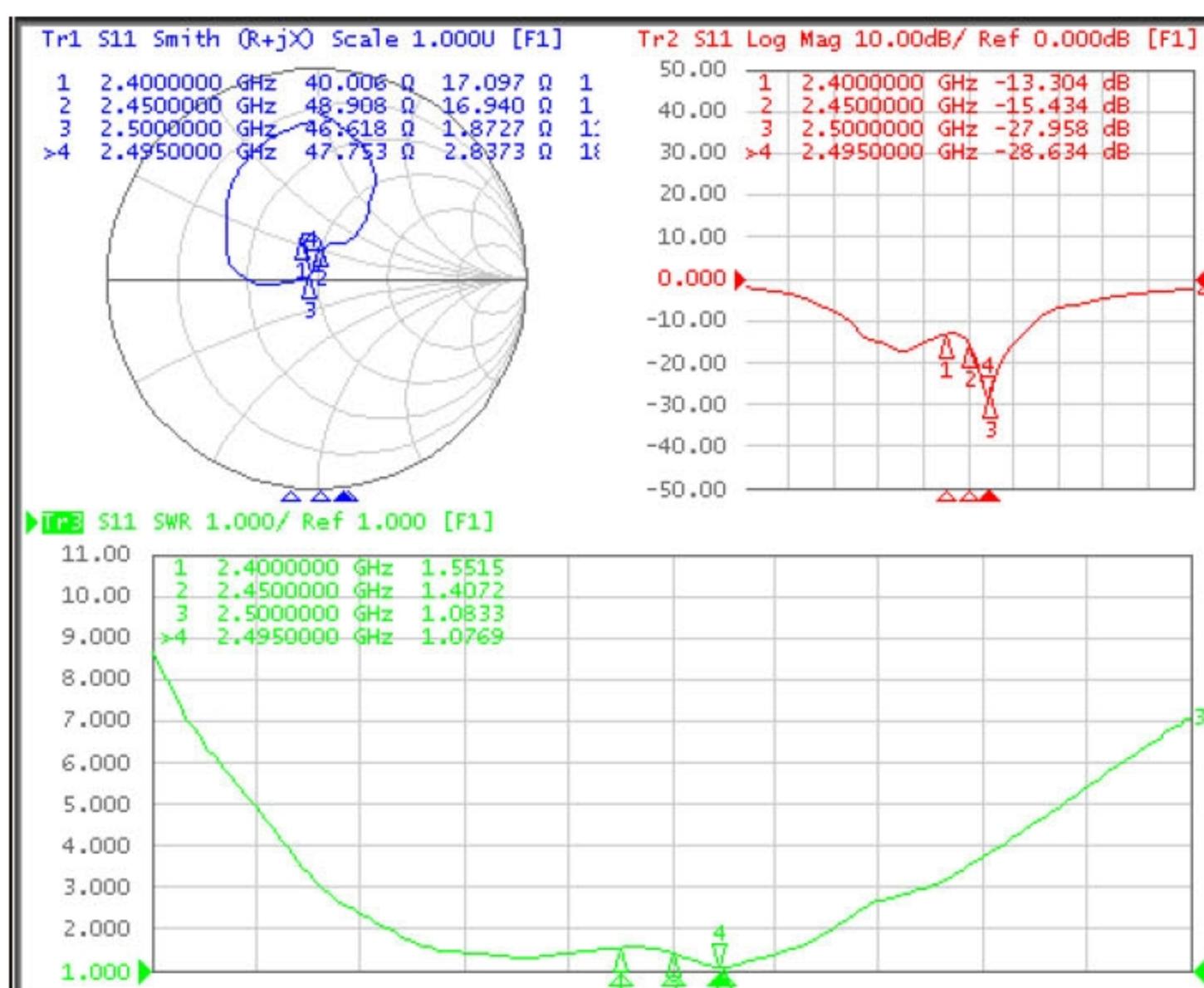
LENGTH	26.7mm × 8.4mm
TEMPERATURE	-40°C ~ +80°C
CONNECTOR TYPE	SOLDER CONTACT TYPE

Electronics character

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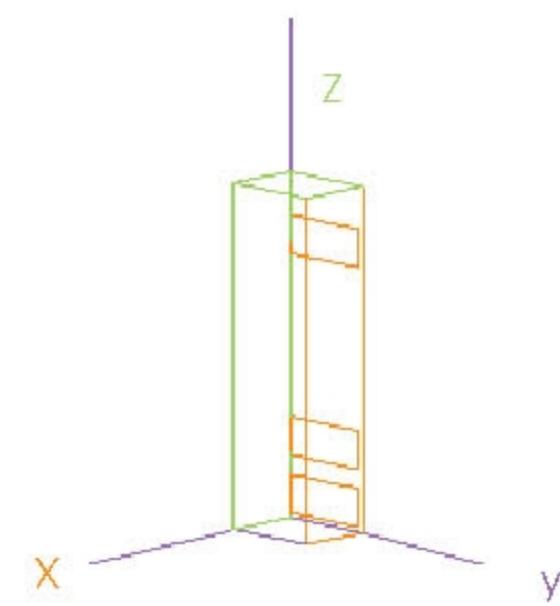
KJI - 0004

1.5 SET Measurement Data [Network data]



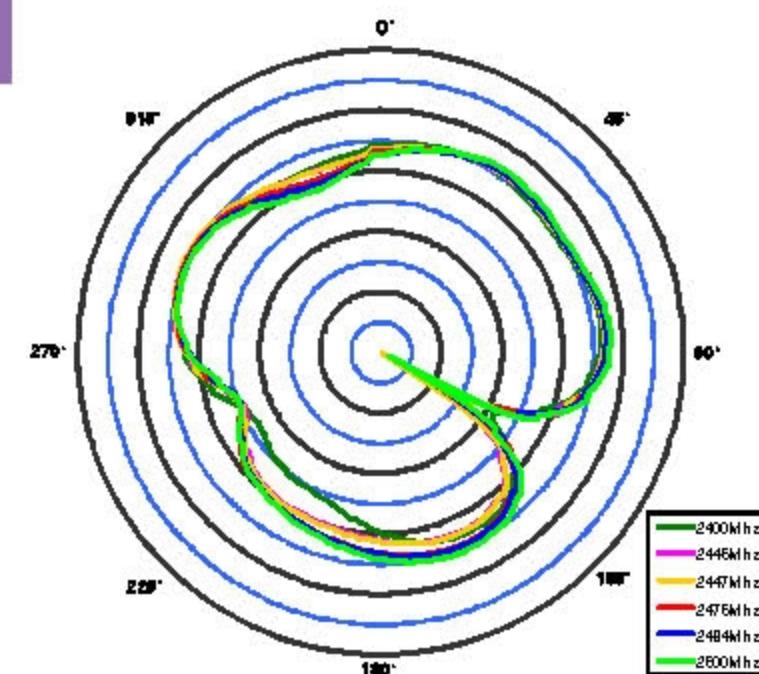
1.6 Set 실장 측정 [2D Passive chamber data]

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



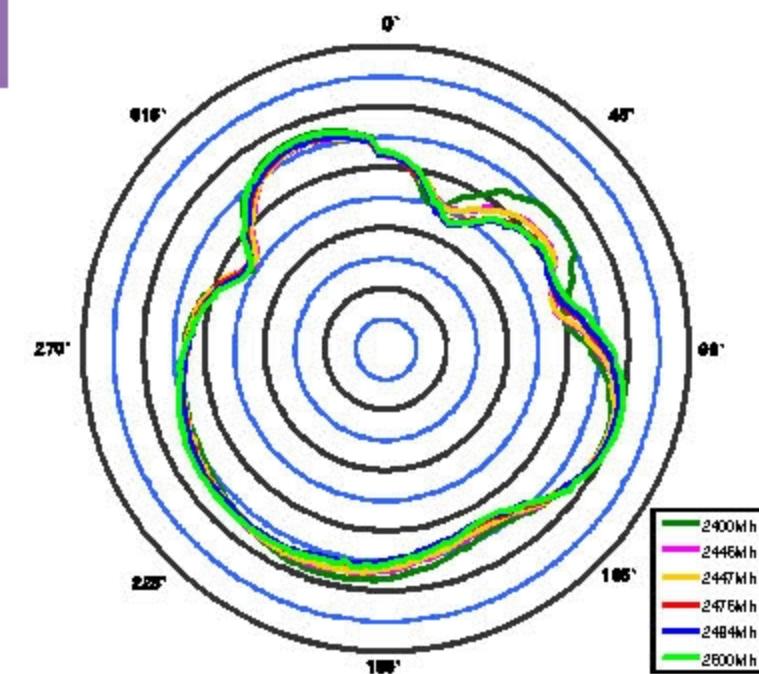
- H plan

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°



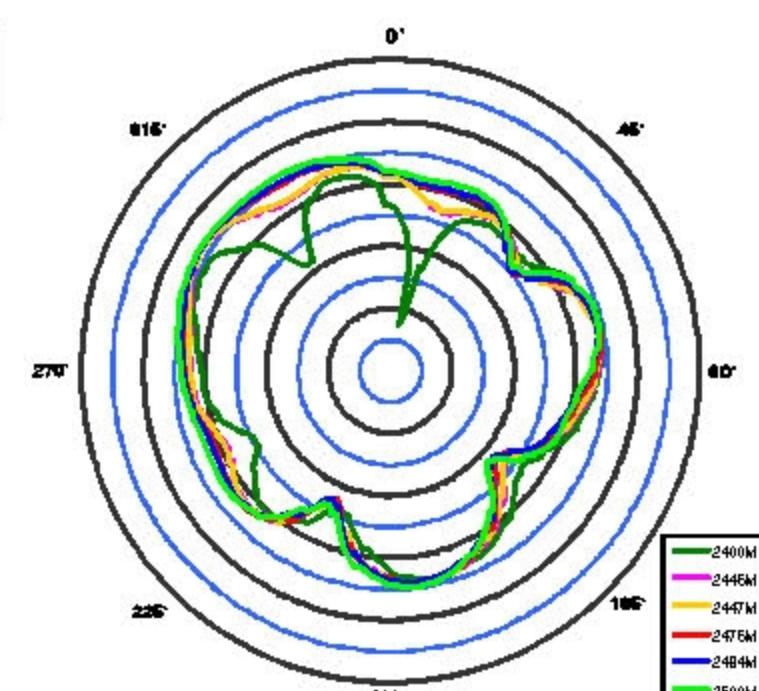
- E1 plan

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

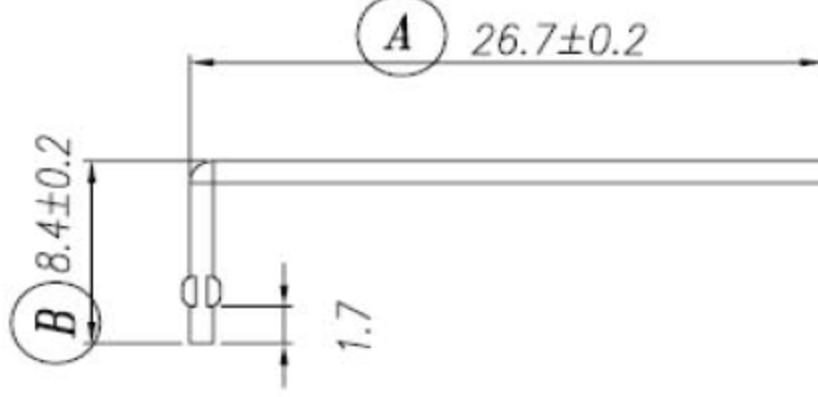
Frequency	Max(dBi)	Avg(dBi)	Beam Peak
2400Mhz	-5.40	-9.31	78°
2445Mhz	-4.12	-8.30	304°
2447Mhz	-4.08	-8.27	304°
2475Mhz	-3.57	-7.57	304°
2484Mhz	-3.75	-7.64	304°
2500Mhz	-3.48	-7.09	302°



Assembly Drawing

AMEND	MRK.	DATE	REVISION	SIGN





stopper $\frac{B}{r}$

NOTE

1. 도금 사양: 동도금 + 니켈도금 + 내식성 투명코팅
(Ni : 5 μm 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
DRAWING CODE NUMBER	MODEL NAME	KJI-0004	mm		