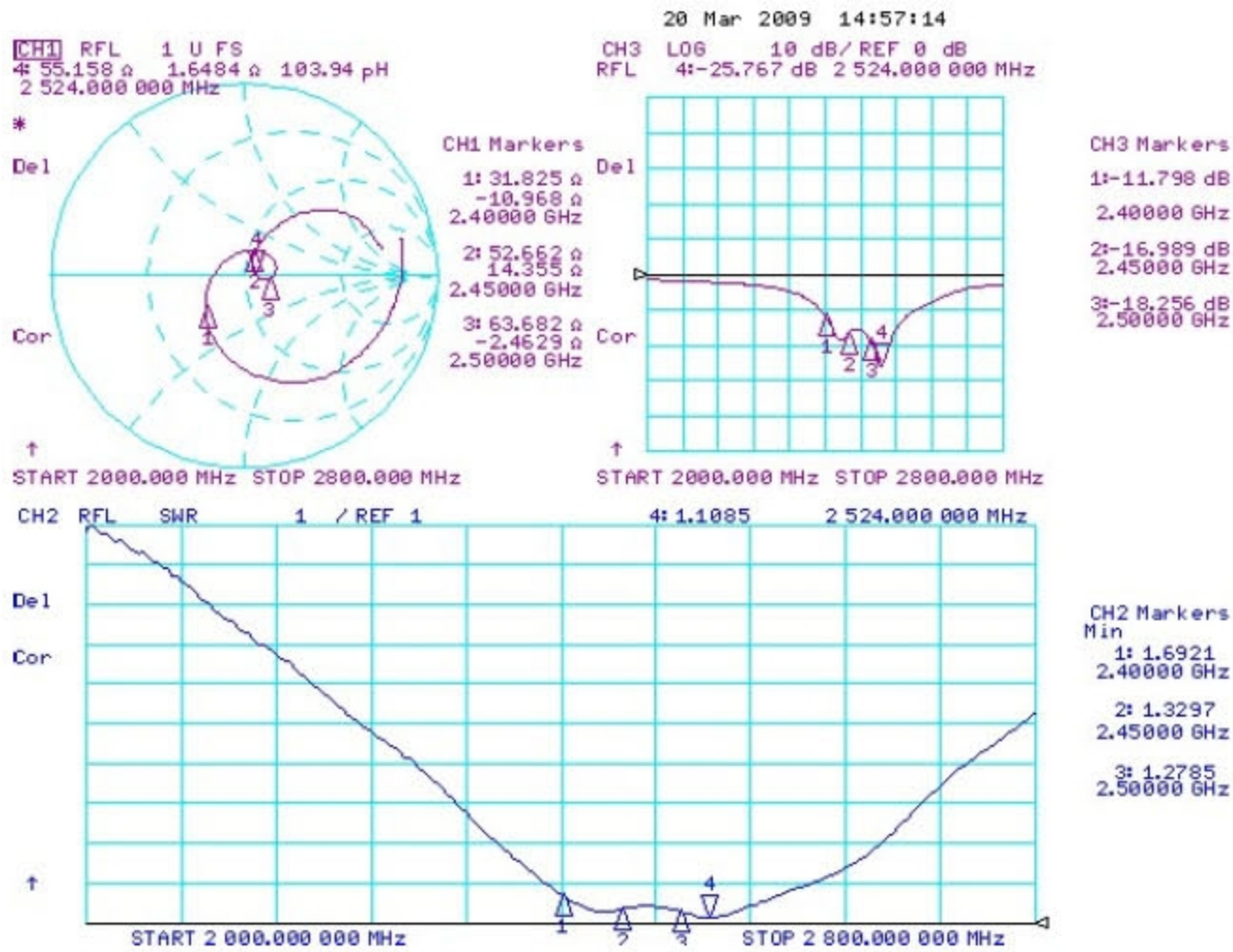


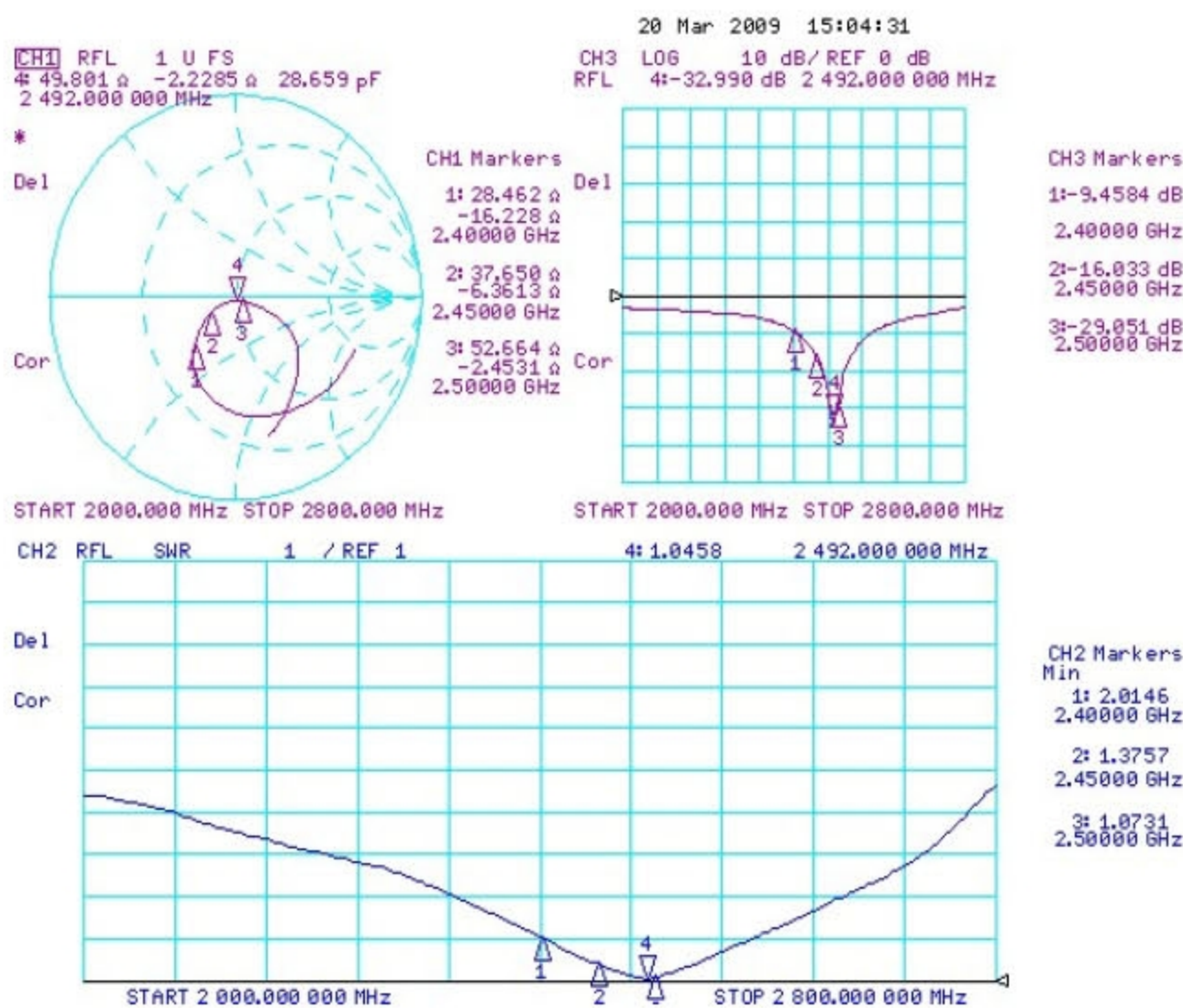
**Electronics charater**

Electronics character	CODE	KJI - 0002																												
<p><b>1. Specification</b></p> <p>1.1 General Specification</p> <table border="1"> <tr> <td>MODEL</td> <td>KJI-0002</td> </tr> <tr> <td>ANTENNA TYPE</td> <td>FOLDED MONOPOLE TYPE</td> </tr> <tr> <td>APPLICATIONS</td> <td>ANTENNA</td> </tr> </table> <p>1.2 Test Fixture</p> <table border="1"> <tr> <td>Frequency Range [Mhz]</td> <td>2400 ~ 2500 MHz</td> </tr> <tr> <td>Lower FREQUENCY(2400Mhz) SWR [MAX]</td> <td>3.0</td> </tr> <tr> <td>Upper FREQUENCY(2500Mhz) SWR [MAX]</td> <td>2.0</td> </tr> </table> <p>1.3 Set measurement</p> <table border="1"> <tr> <td>ITEM</td> <td>SPEC</td> </tr> <tr> <td>Frequency Range [Mhz]</td> <td>2400 ~ 2500</td> </tr> <tr> <td>Gain [Max]</td> <td>3.90 dBi</td> </tr> <tr> <td>Input Impedance [<math>\Omega</math>]</td> <td>50<math>\Omega</math></td> </tr> <tr> <td>Polarization</td> <td>-</td> </tr> </table> <p>1.4 Spec</p> <table border="1"> <tr> <td>LENGTH</td> <td>18.8mm × 6.2mm × 10.6mm</td> </tr> <tr> <td>TEMPERATURE</td> <td>-40℃ ~ +80℃</td> </tr> <tr> <td>CONNECTOR TYPE</td> <td>SOLDER CONTACT TYPE</td> </tr> </table>			MODEL	KJI-0002	ANTENNA TYPE	FOLDED MONOPOLE TYPE	APPLICATIONS	ANTENNA	Frequency Range [Mhz]	2400 ~ 2500 MHz	Lower FREQUENCY(2400Mhz) SWR [MAX]	3.0	Upper FREQUENCY(2500Mhz) SWR [MAX]	2.0	ITEM	SPEC	Frequency Range [Mhz]	2400 ~ 2500	Gain [Max]	3.90 dBi	Input Impedance [ $\Omega$ ]	50 $\Omega$	Polarization	-	LENGTH	18.8mm × 6.2mm × 10.6mm	TEMPERATURE	-40℃ ~ +80℃	CONNECTOR TYPE	SOLDER CONTACT TYPE
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TEMPERATURE	-40℃ ~ +80℃																													
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1.5 Test Fixture Measurement Data [Network data]

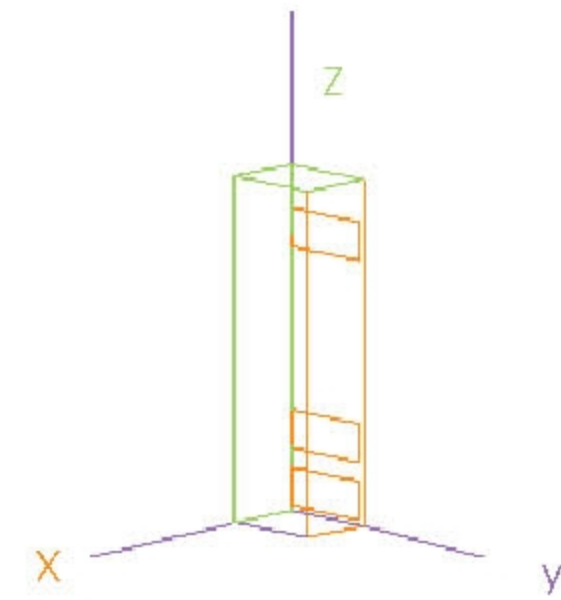


1.6 SET Measurement Data [Network data]



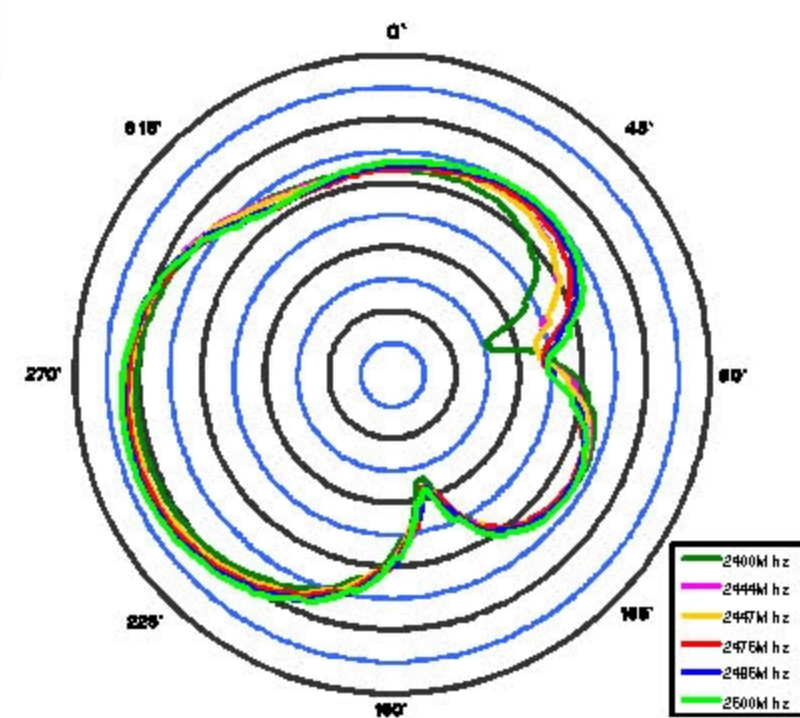
1.7 SET Measurement Data [2D Passive chamber data ]

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



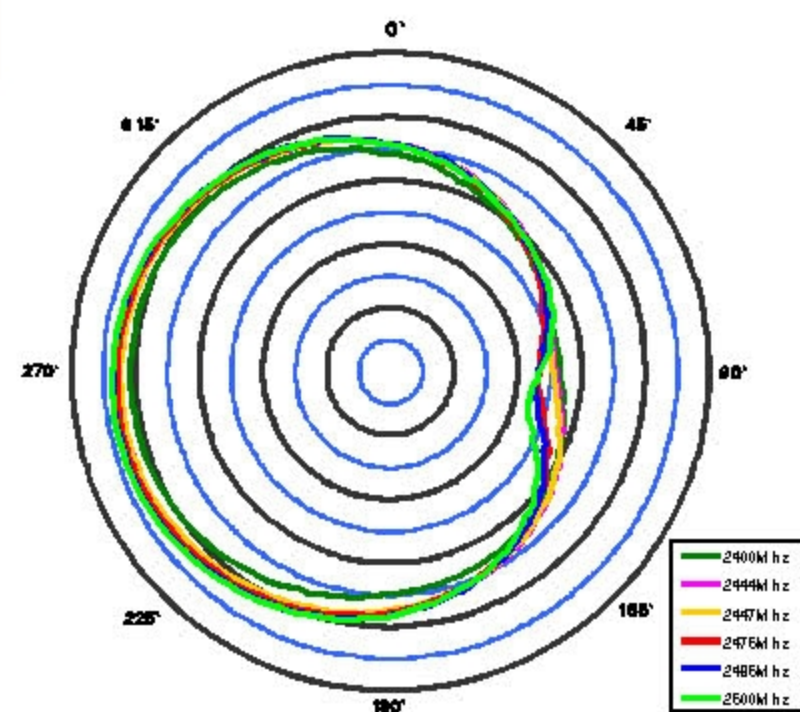
- H plan

Frequency	Max(dBi)	Avg(dBi)	Beam Peak
2400Mhz	0.80	-24.71	-4.43
2444Mhz	2.01	-21.10	-3.50
2447Mhz	1.89	-21.19	-3.64
2475Mhz	2.43	-21.49	-3.31
2485Mhz	3.01	-21.28	-2.78
2500Mhz	3.31	-21.27	-2.53



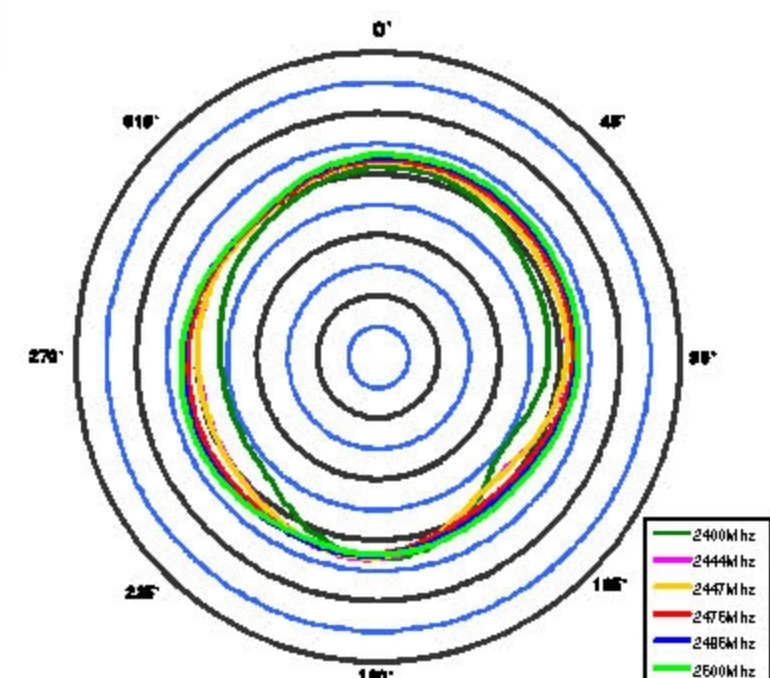
- E1 plan

Frequency	Max(dBi)	Avg(dBi)	Beam Peak
2400Mhz	0.79	-13.84	-3.40
2444Mhz	2.55	-14.38	-1.70
2447Mhz	2.47	-14.73	-1.81
2475Mhz	3.13	-16.82	-1.40
2485Mhz	3.70	-17.14	-0.92
2500Mhz	3.90	-17.89	-0.82

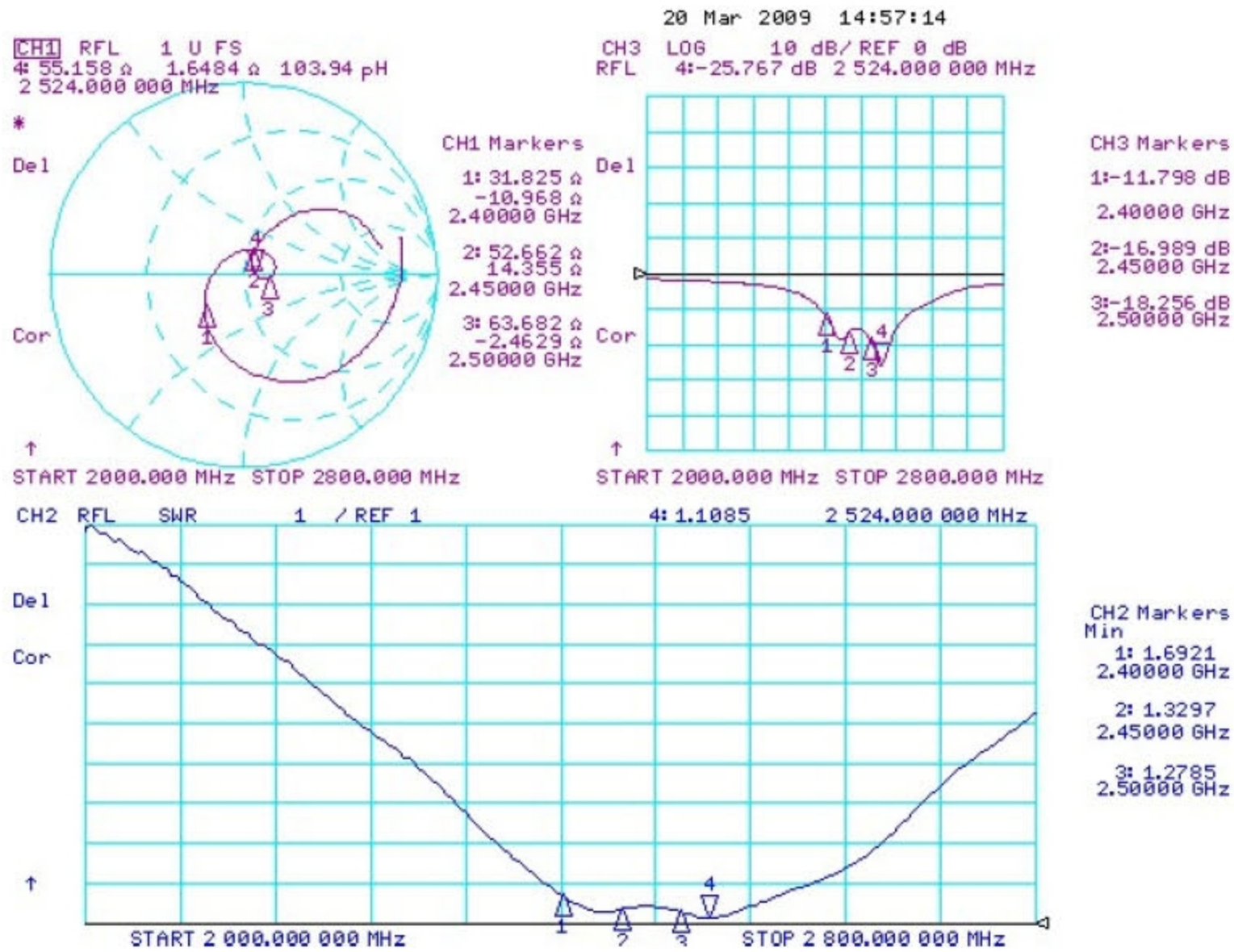


- E2 plan

Frequency	Max(dBi)	Avg(dBi)	Beam Peak
2400Mhz	-7.01	-14.46	-10.70
2444Mhz	-6.92	-12.07	-9.13
2447Mhz	-7.10	-12.02	-9.18
2475Mhz	-7.50	-10.21	-8.38
2485Mhz	-6.98	-9.79	-7.83
2500Mhz	-6.59	-9.83	-7.56



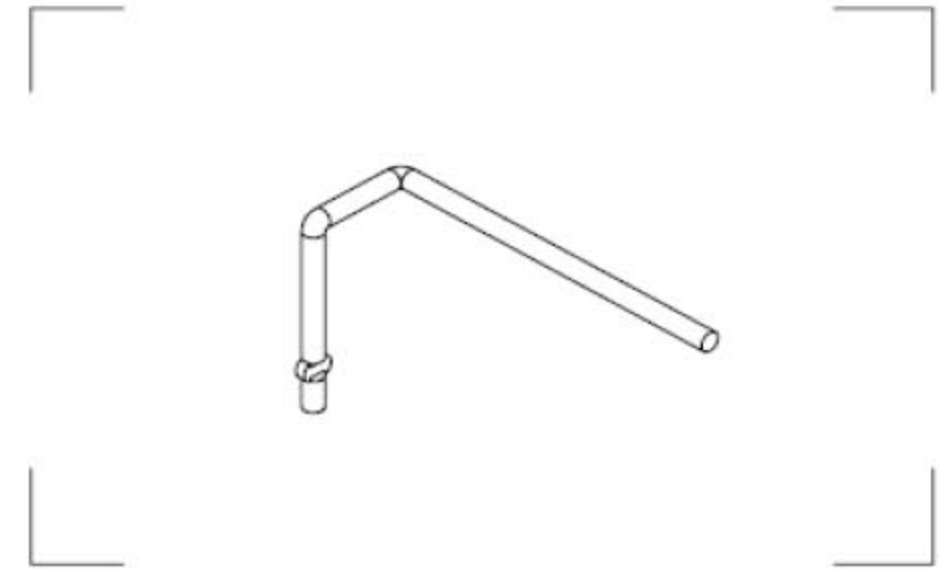
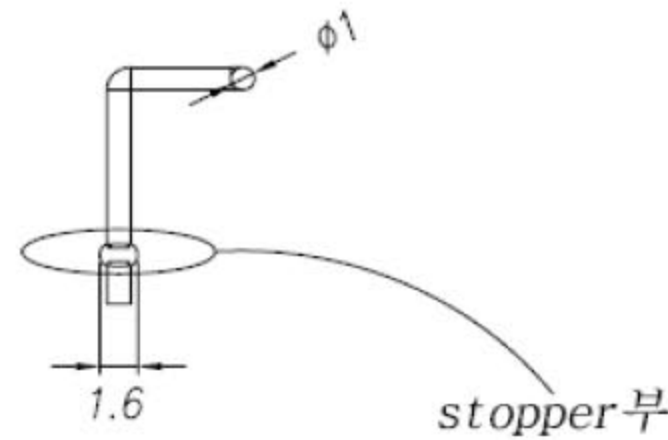
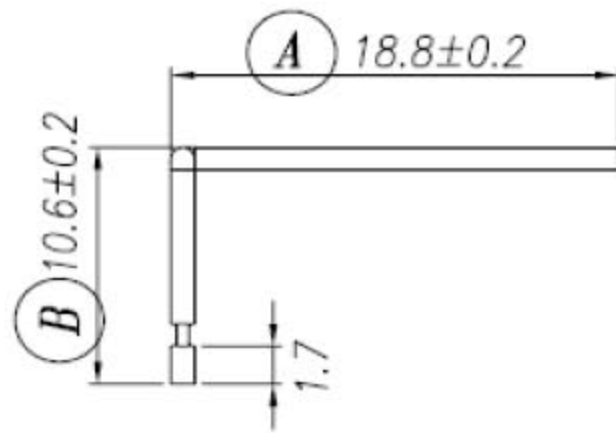
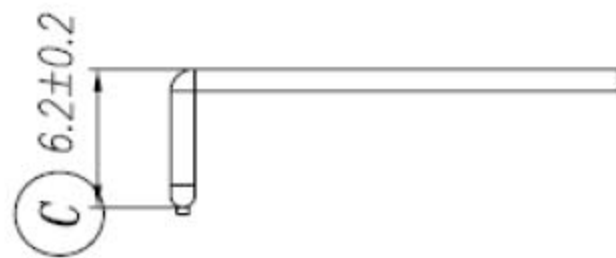
## JIG DATA



측정 장비	NETWORK ANALYZER E5071C	
측정 CABLE	TYPE	SMA
	Length	52.3cm
JIG 상태 주파수 SPEC (VSWR)	Lower FREQUENCY(2400Mhz) SWR [MAX] 3:1 > Upper FREQUENCY(2500Mhz) SWR [MAX] 2:1 >	

# Assembly Drawing

AMEND	MRK.	DATE	REVISION	SIGN



NOTE

1. 도급 사양: 동도금 + 니켈도금 + 내식성투명코팅  
(Ni: 5 μm 이상)
2. (A) ~ (C) 관리치수

1	MET-0005	METAL	인칭동	1	Ni PLATED
NO.	PARTS NO.	NAME	MATERIAL	Q'TY.	REMARKS
DRAW BY		CHECK BY	APPROVE BY 김윤호	SCALE 3/1	UNIT mm
DRAWING CODE NUMBER		MODEL NAME KJI-0002		PARTS NAME	