



PRODUCT SPECIFICATIONS

YAGI ANTENNA

WRY12-2400C (rev.01)

WINiZEN Co., Ltd.

ANTENNA SPECIFICATIONS

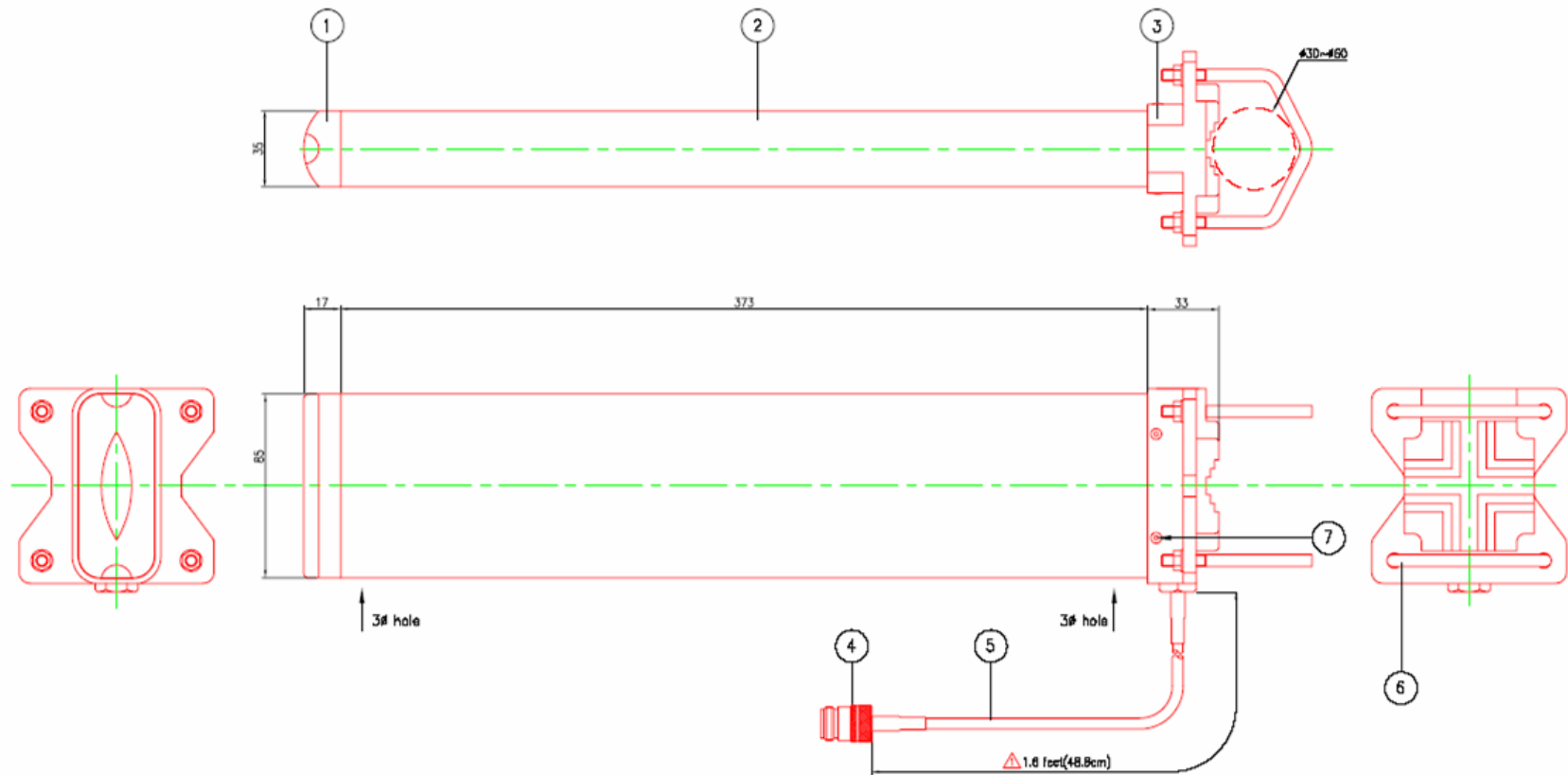
MODEL : WRY12-2400C

CUSTOMER :

ELECTRICAL ITEM	SPECIFICATIONS	REMARKS
Type of antenna	Yagi	12 Element
Frequency range	2400~2500MHz	
Bandwidth	100MHz	
Nominal impedance	50 Ω	
Polarization	Vertical	
V.S.W.R	Less than 1.5	Frequency range
Gain	13 dBi	
Radiation pattern	Directional	
Half power beamwidth	Azimuth :35°± 5	
	Elevation : 35°± 5	
Front to back ratio	15 dB	
Power input	50 W	Maximum

MECHANICAL ITEM	SPECIFICATIONS	REMARKS
Dimensions (W×H×D)	423mm × 100mm×116mm	Only Antenna
Weight	560 g	Only Antenna
	600 g	With 1.6 feet Cable and Bolt
Connector	N-type (Female)	Optional
Cable	RG-58	1.6feet (488mm)
Material	Cap, Case : ASA	Gray
	BASE : Al	
Mount	Pipe Mount	Ø30~60
Op. Temperature	-30 ~ + 60 °C	

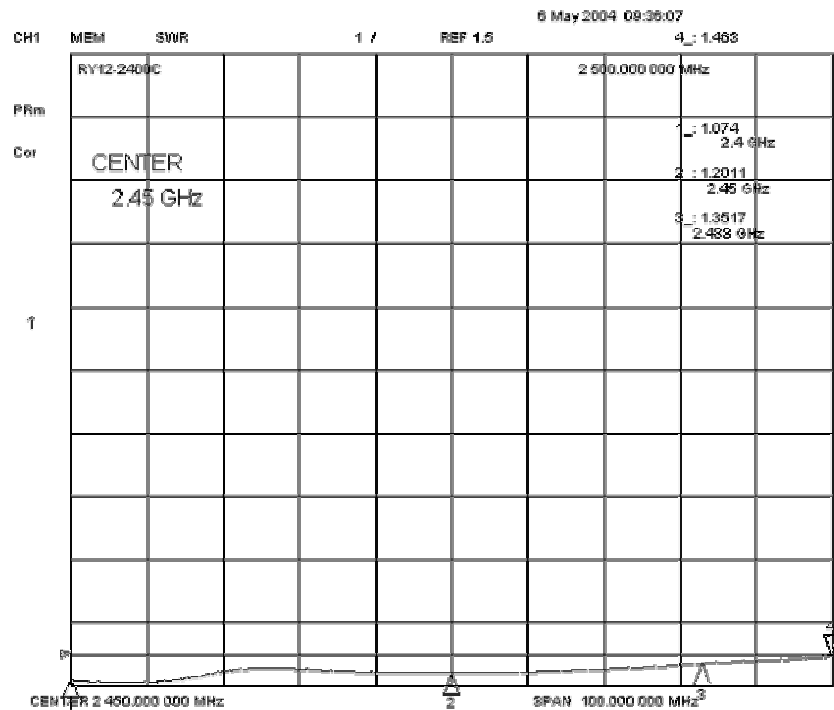
REV. NO.	DESCRIPTION	DATE
1	업제요구	2004.07.19
2		



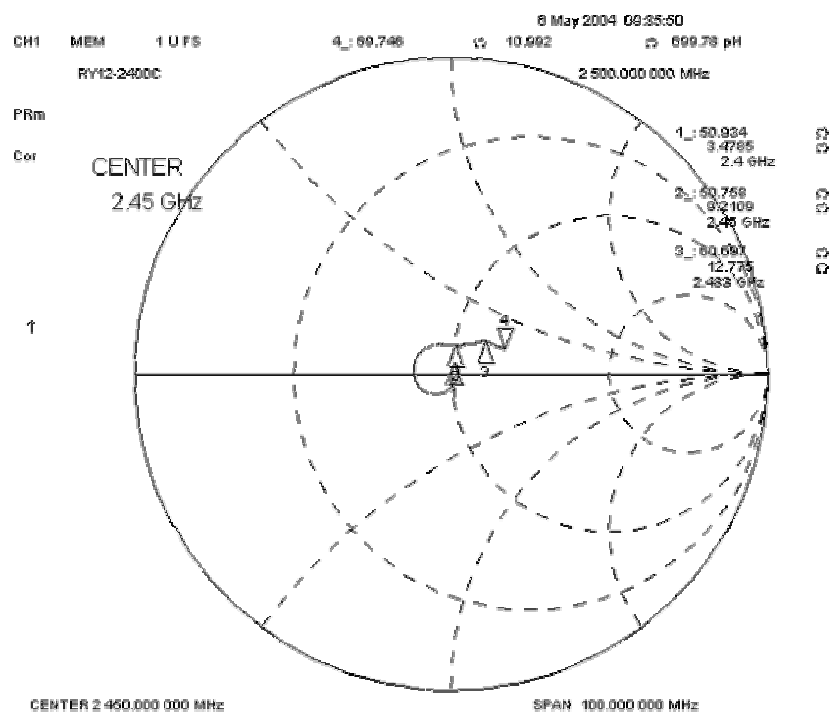
7	Rivet	Aluminium		316-01-001-002
6	U-Bolt	Stainless steel		310-10-002-010
5	RG-58 Cable 단심		Black color	140-04-002-001
4	N-Type connector	Brass	White bronze plate	260-01-011-005
3	Base	Aluminium	아노다이징	180-04-003-009
2	Case	ASA	Gray color	260-01-011-005
1	Cap	ASA	Gray color	260-01-011-004
NO.	PARTS NAME	MATERIAL	FINISH	CODE NO.

					TITLE	
NOTE	TOL. UNLESS NOTED X = ± 1 X.X = ± 0.5		UNIT	mm	RY12-2400C	
			SCALE	N / S		
DRAWN	M. Y. KIM	CHECKED	J. Y. KIM	FILE NAME	RY122400C	ORDER CO.
DESIGN		APPROVED	B. K. NA	DATE	2004.06.24	DWG. NO. 07B-11-005

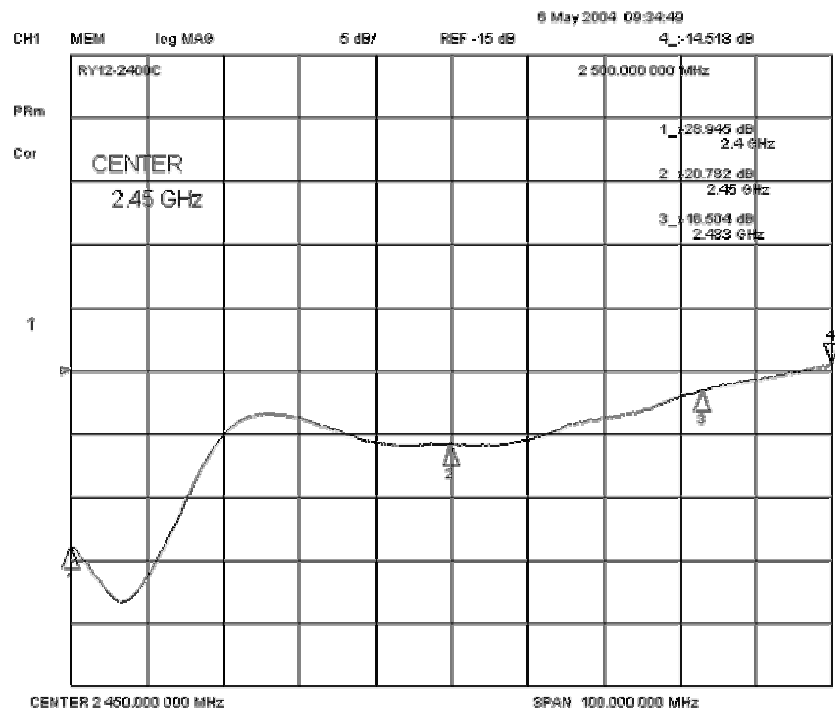
S11 DATA



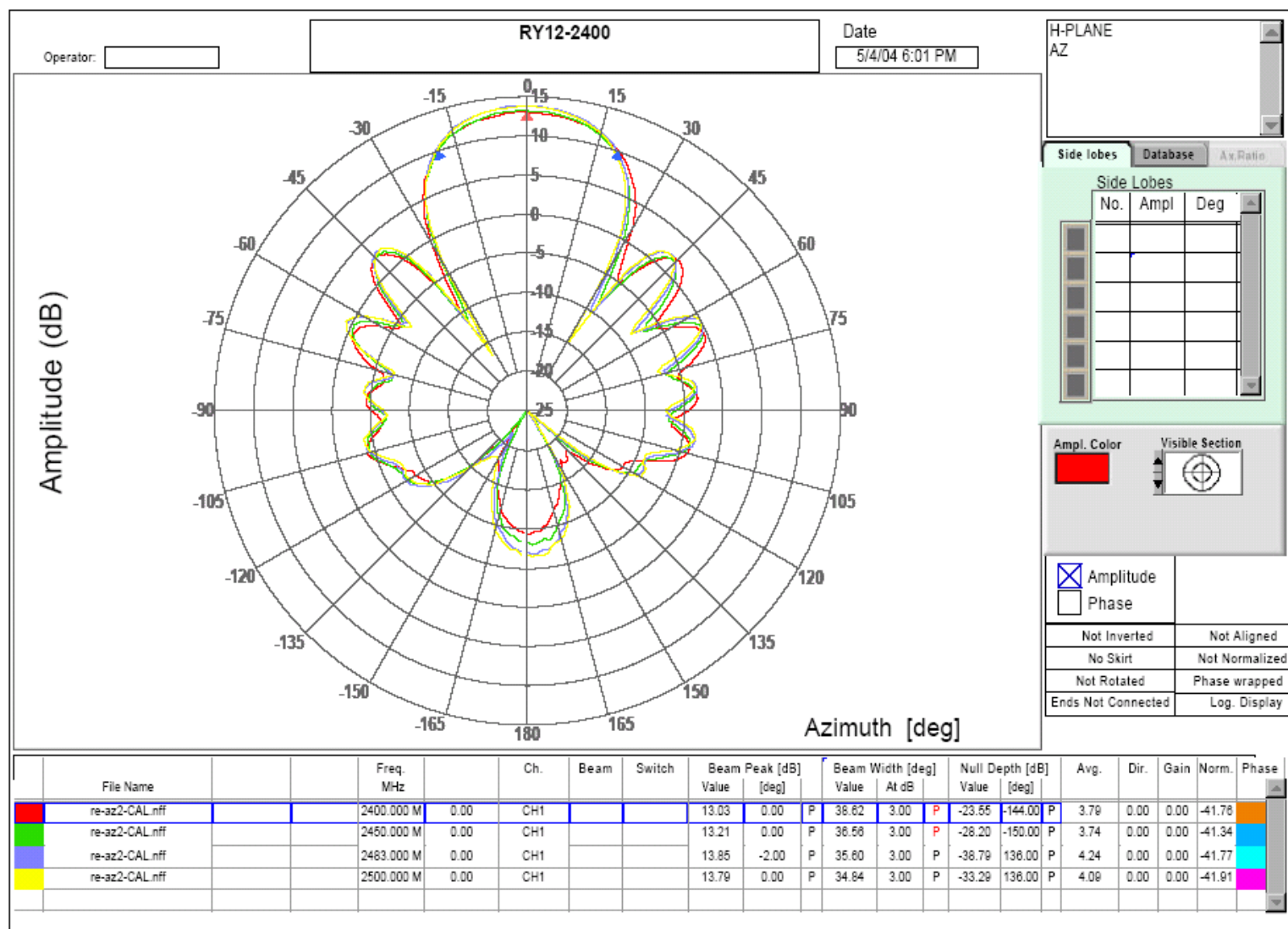
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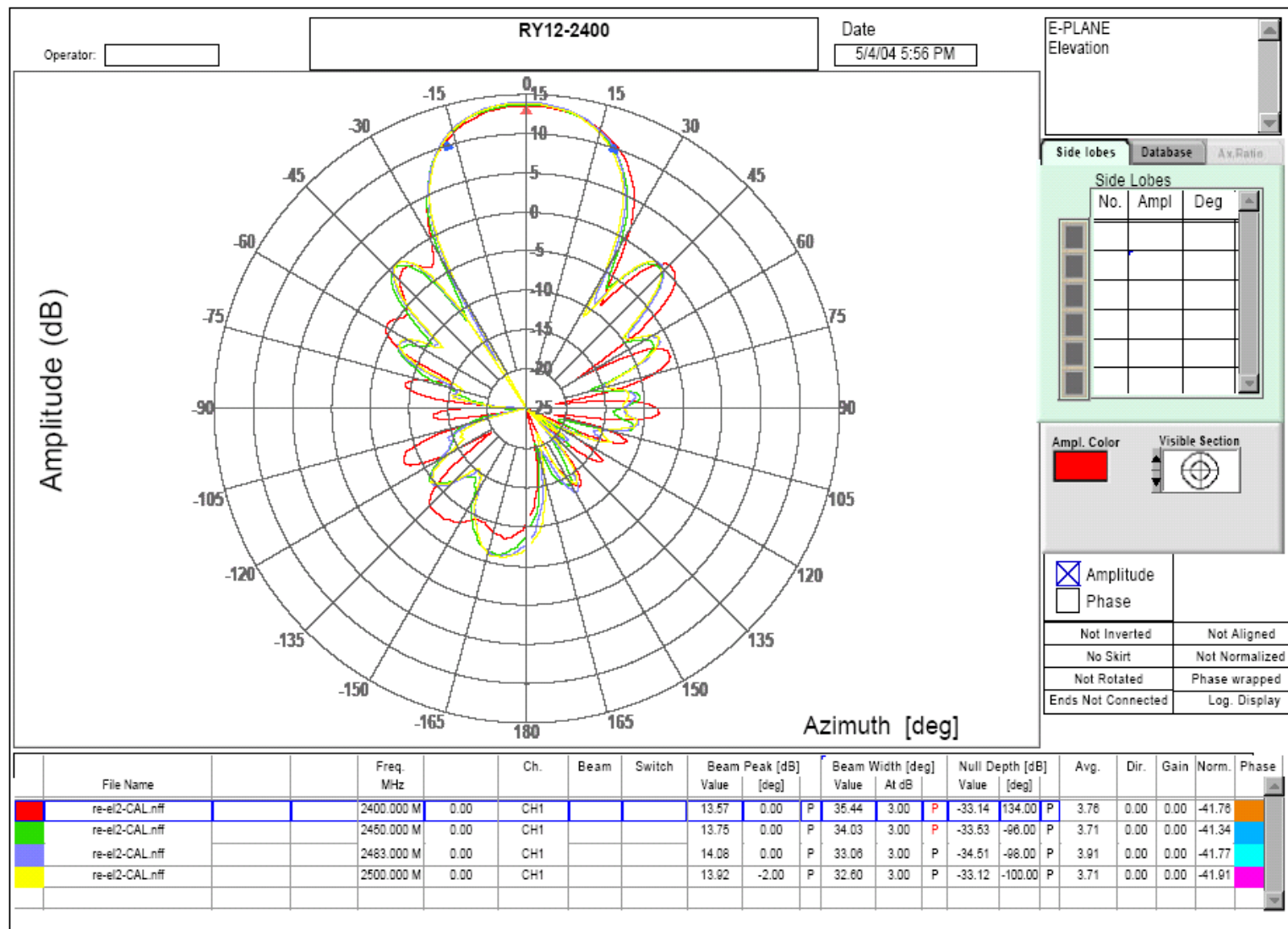
<Smith Chart>



<Return Loss>



<Azimuth Radiation Pattern>



<Elevation Radiation Pattern>