

ORIGINAL

ANTENNA SPECIFICATION

ELECTRICAL SPECIFICATIONS

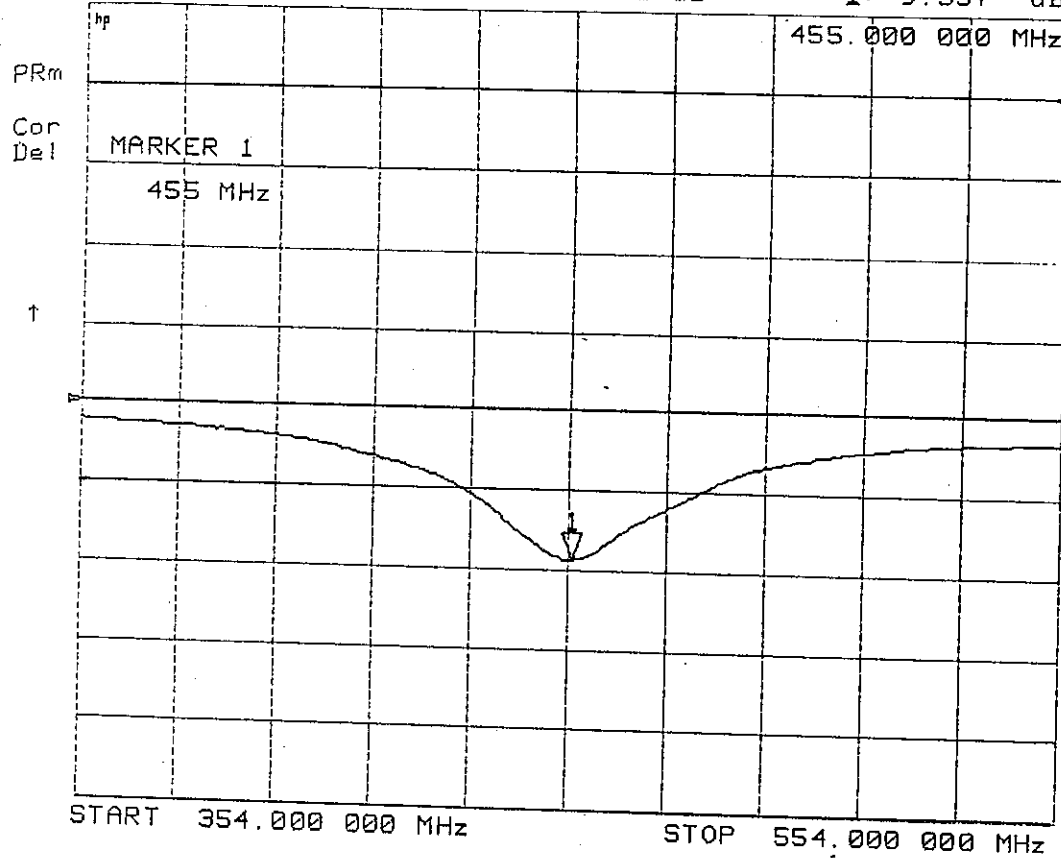
MODEL	NSB83 - H400 - MX75
ANTENNA TYPE	HELICAL SMA TYPE
FREQUENCY RANGE	440 ~ 470 MHz
RESONANCE FREQUENCY	455 MHz $\pm$ 2% (COPPER PLATE 180×180)
IMPEDANCE	21 Ω $\pm$ 2%
V.S.W.R	LESS THAN 3.0 : 1 (공진주파수상)
GAIN(dBi)	UNITY
RADIATION PATTERN	OMNI-DIRECTIONAL
POLARIZATION	VERTICAL

MECHANICAL SPECIFICATIONS

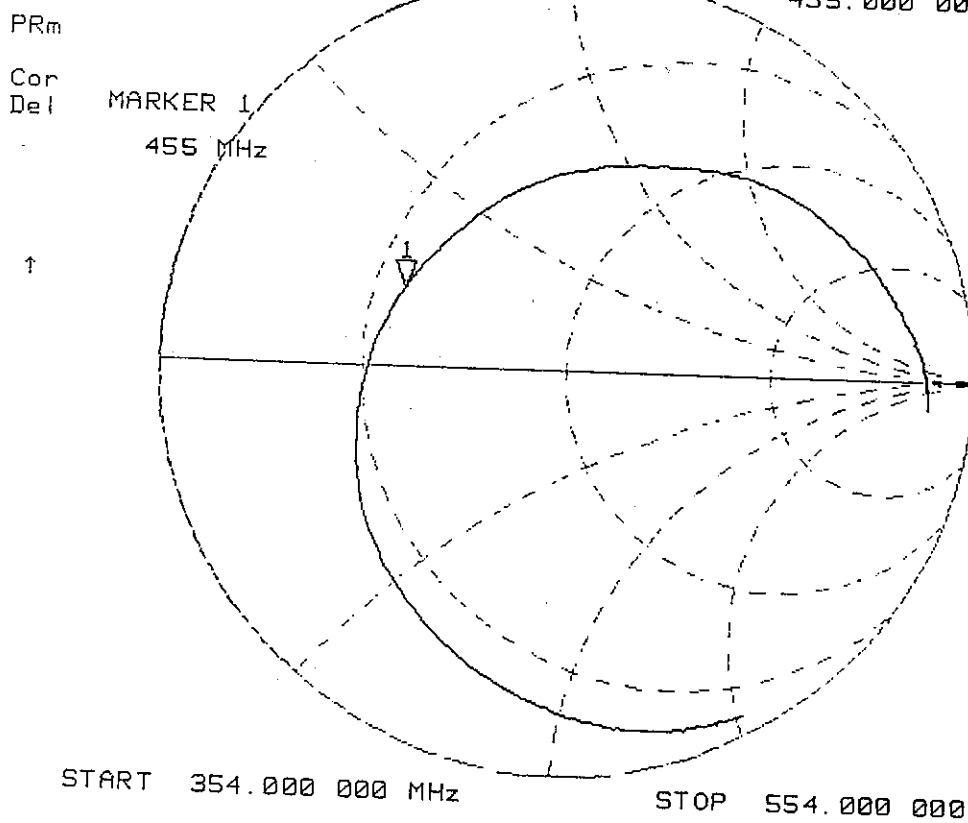
COLOR	BLACK
LENGTH	85.6mm $\pm$ 1.0mm
PULLING STRENGTH	LESS THAN 5.0Kgf
SWIVEL TORQUE	LESS THAN 5.0Kgf
WEIGHT	12g
TEMPERATURE	-30 °C ~ +60 °C

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CH1 S₁₁ log MAG 5 dB/ REF 0 dB 23 Jul 1998 18:59:23
1: -9.357 dB



CH1 S₁₁ 932.2 mU 1: 21.604 Ω 23 Jul 1998 19:07:07
hp 455.000 000 MHz
9.6133 Ω 3.3626 nH

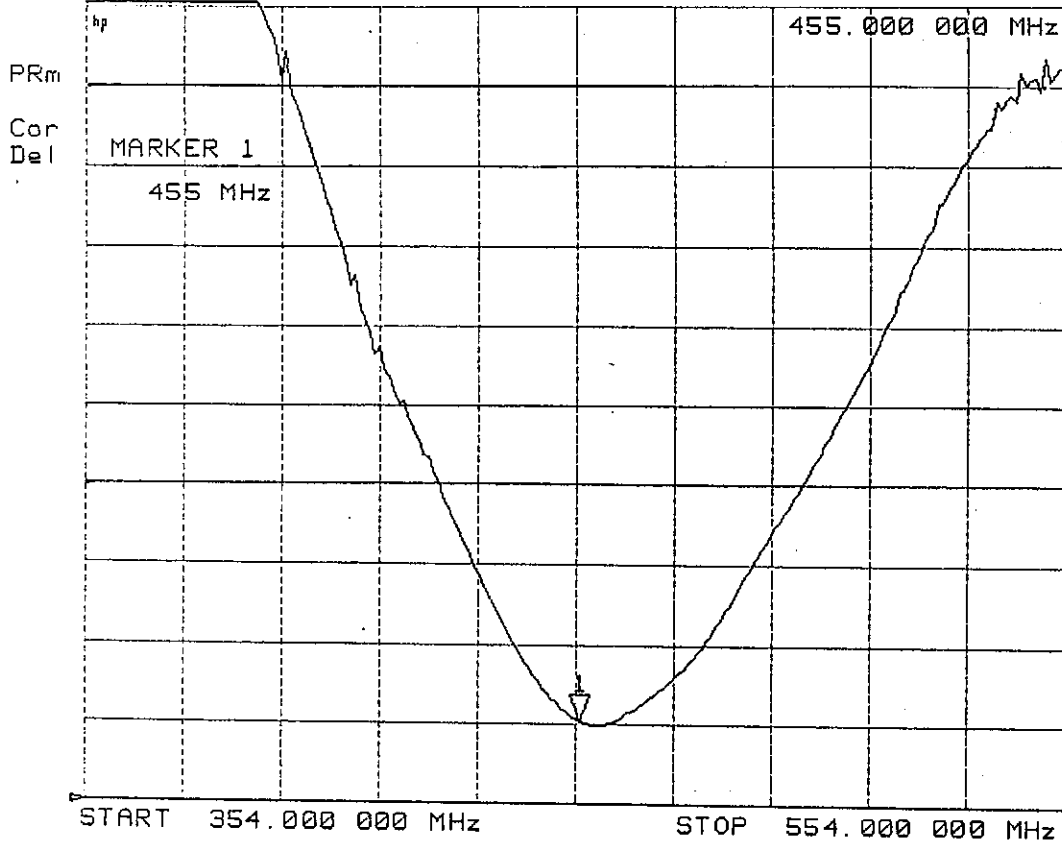


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23 Jul 1998 19:08:45

CH1 S₁₁ SWR 1 / REF 1

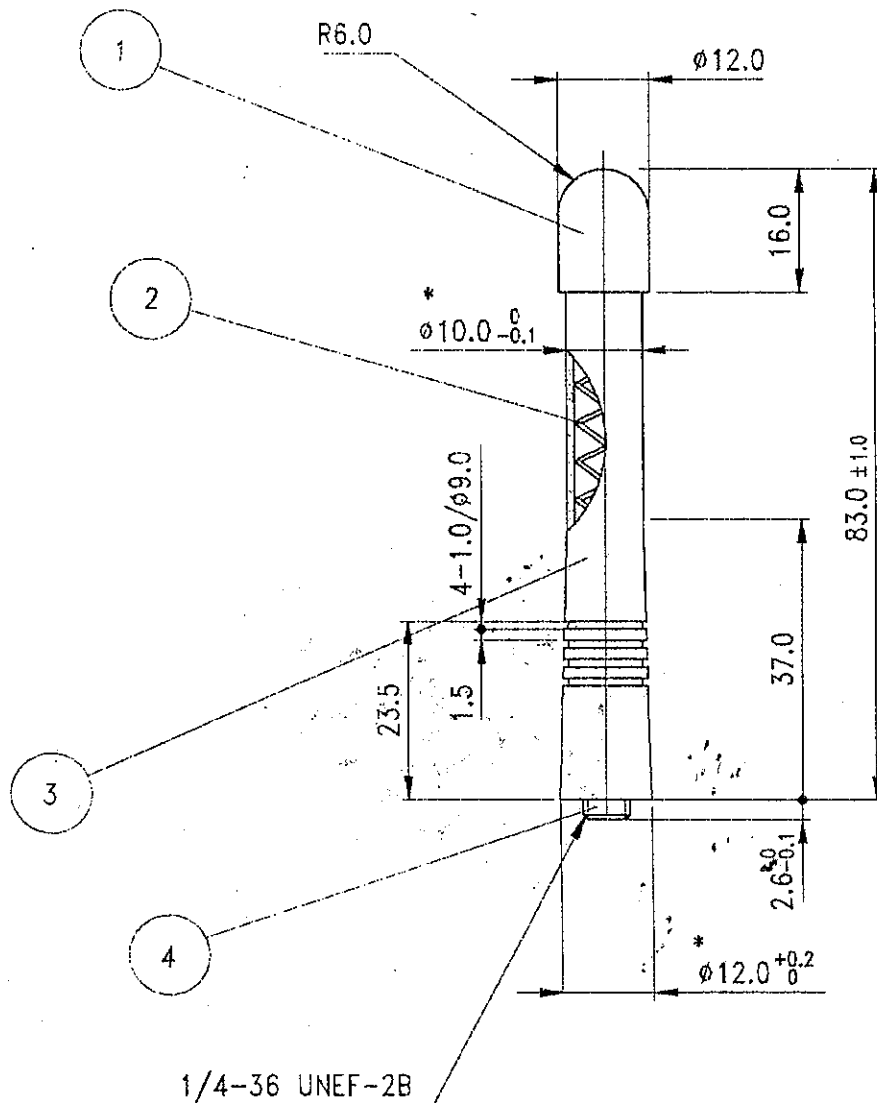
1: 2.0315



AMEND	MRK.	DATE	REVISION	SIGN

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DIMENSION	LIMITS
1mm ~ 20mm	± 0.1
21mm ~ 40mm	± 0.2
41mm ~ 80mm	± 0.3
81mm ~ 100mm	± 0.4
101mm ~	± 0.5



4	SMA-R(F)	CONNECTOR	BRASS(BSBM2)	1	Ni PLATED
3	NSB83	PIPE	POLY URETHANE(K-295PCAT)	1	COLOR : BLACK
2	SMX-4003	SPRING	STEEL WIRE	1	Ni PLATED
1	V KNOB	KNOB	POLY URETHANE(K-295PCAT)	1	COLOR : BLACK
NO.	PARTS NO.	NAME	MATERIAL	Q'TY.	REMARKS
DRAW BY	98. 3. 30	CHECK BY	技術 98. 3. 31 金義泰	APPROVE BY	技術 98. 3. 31 張應淳
DRAWING CODE NUMBER	MODEL NAME		PARTS NAME		
	NSB83-H400-MX75				