

ORIGINAL

ANTENNA SPECIFICATION

ELECTRICAL SPECIFICATIONS

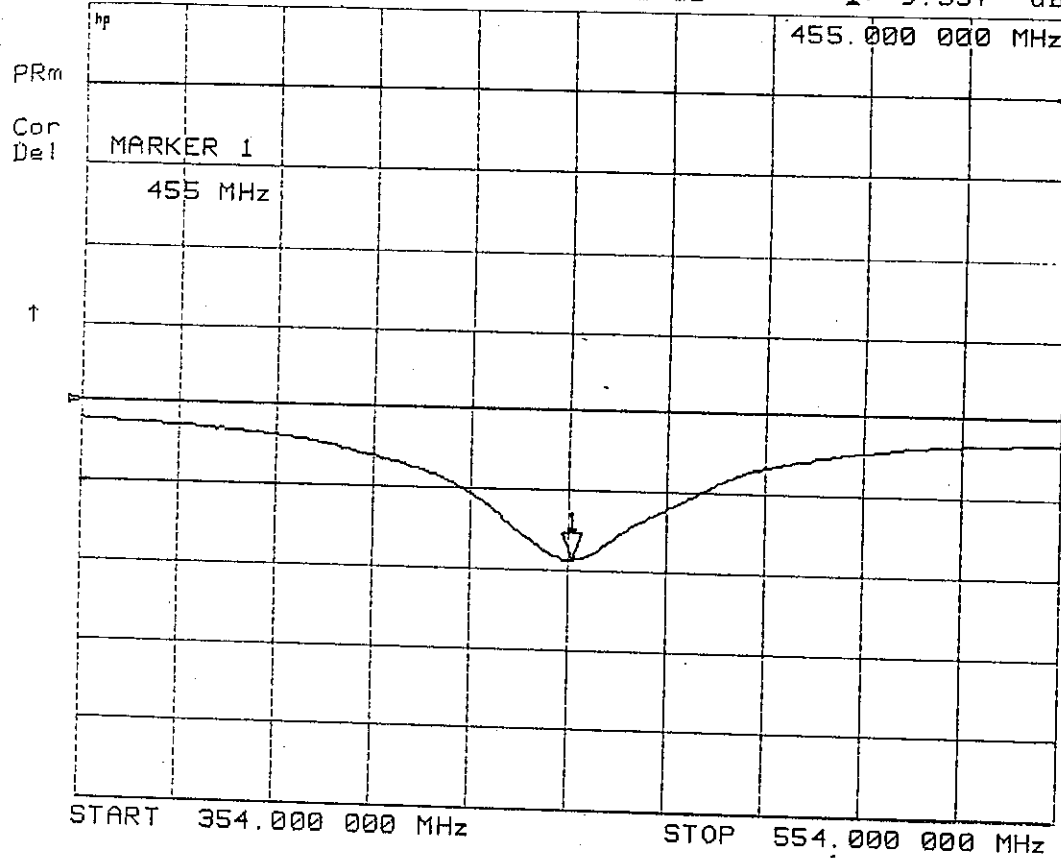
MODEL	NSB83 - H400 - MX75
ANTENNA TYPE	HELICAL SMA TYPE
FREQUENCY RANGE	440 ~ 470 MHz
RESONANCE FREQUENCY	455 MHz $\pm$ 2% (COPPER PLATE 180×180)
IMPEDANCE	21 Ω $\pm$ 2%
V.S.W.R	LESS THAN 3.0 : 1 (공진주파수상)
GAIN(dBi)	UNITY
RADIATION PATTERN	OMNI-DIRECTIONAL
POLARIZATION	VERTICAL

MECHANICAL SPECIFICATIONS

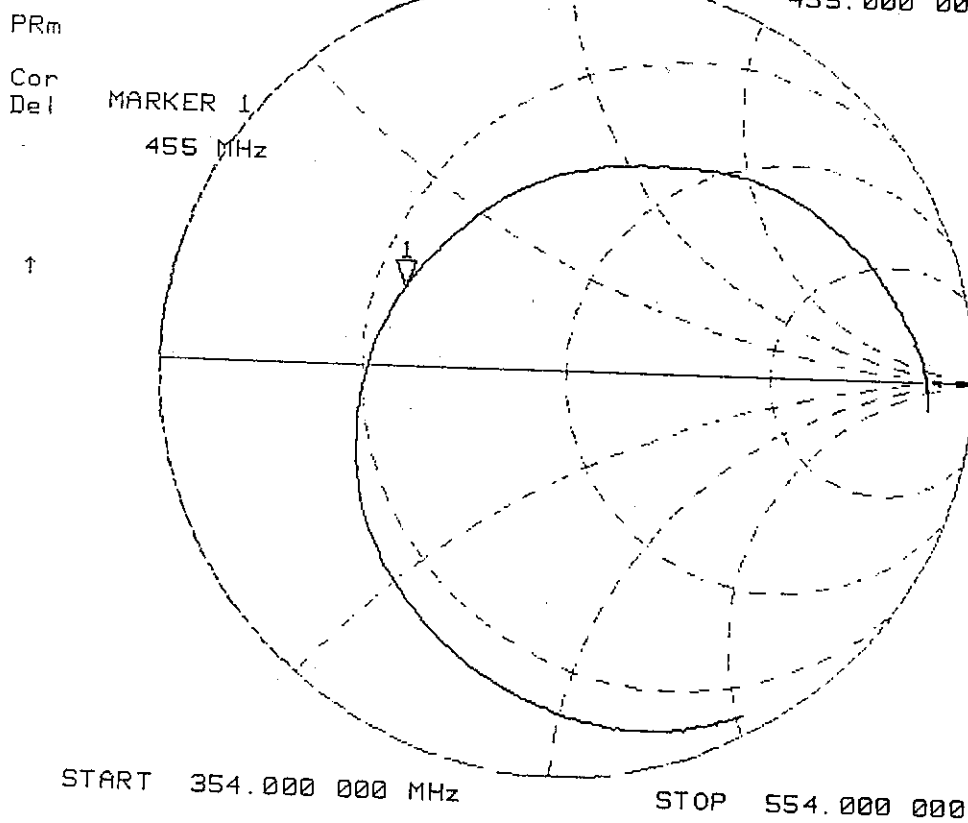
COLOR	BLACK
LENGTH	85.6mm $\pm$ 1.0mm
PULLING STRENGTH	LESS THAN 5.0Kgf
SWIVEL TORQUE	LESS THAN 5.0Kgf
WEIGHT	12g
TEMPERATURE	-30 °C ~ +60 °C

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

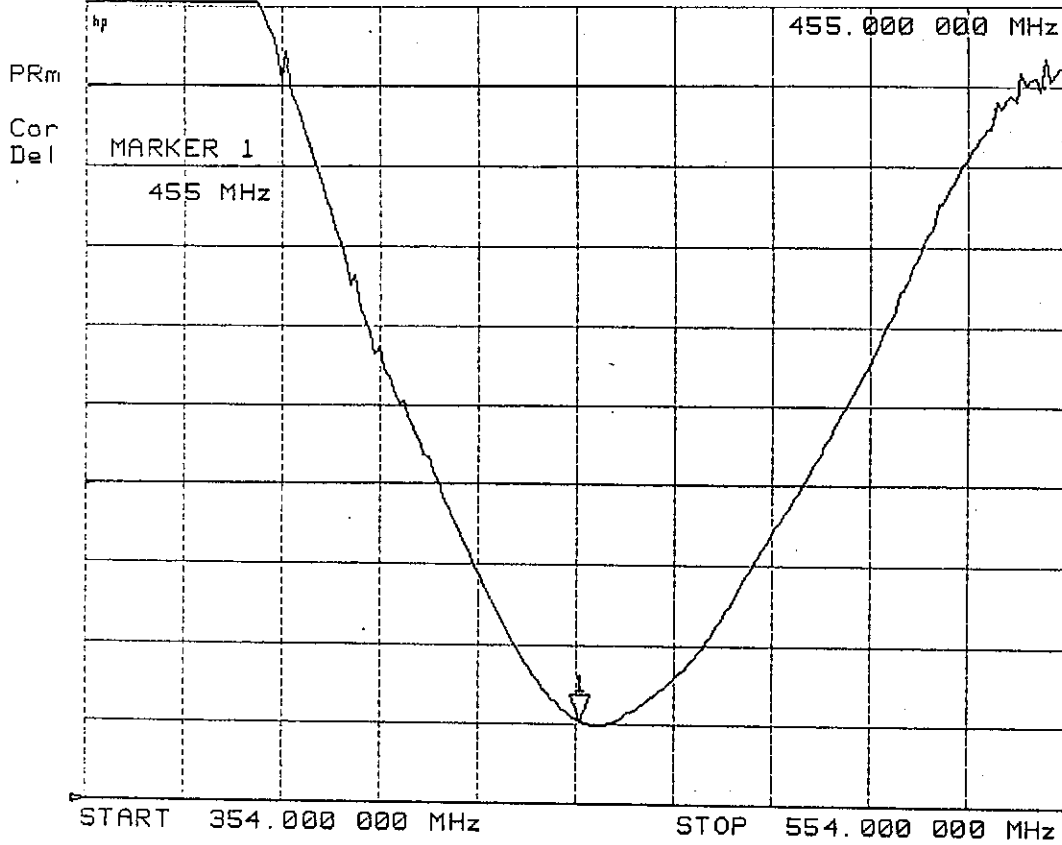


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23 Jul 1998 19:08:45

CH1 S₁₁ SWR 1 / REF 1

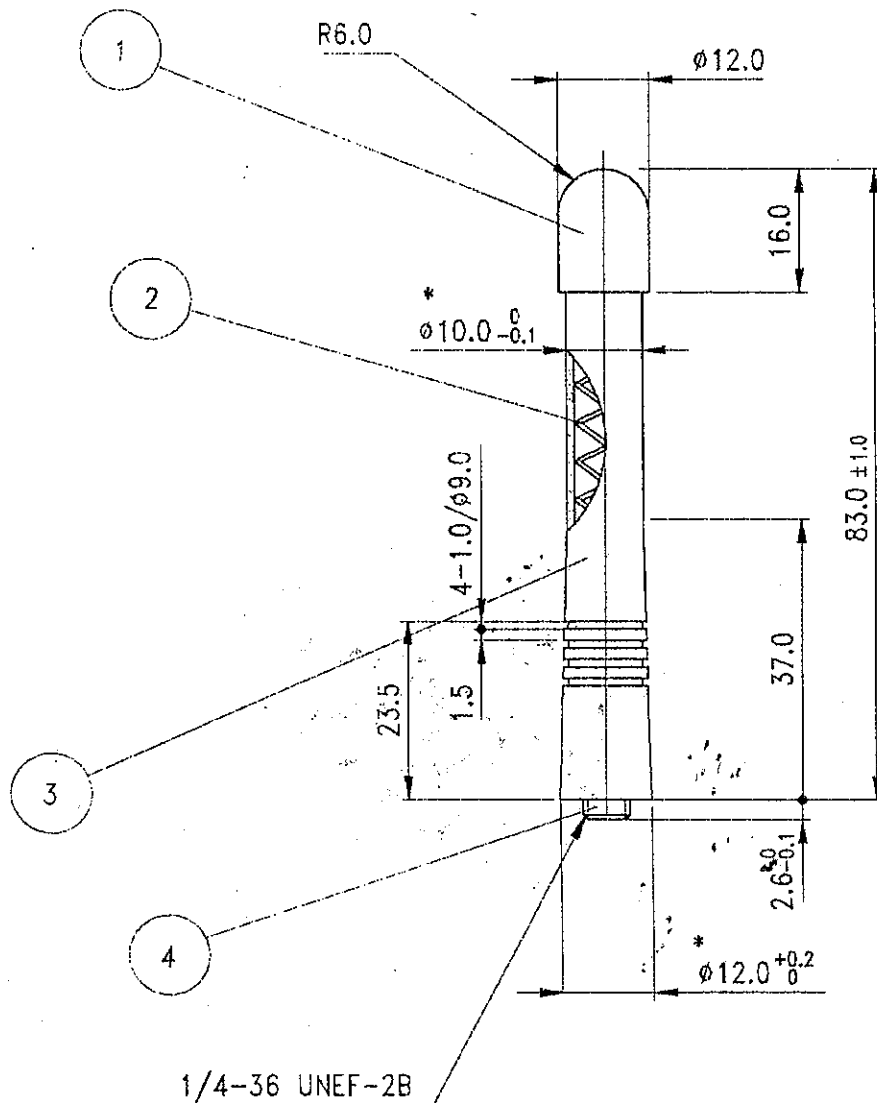
1: 2.0315



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	SCALE 1/1	UNIT mm
DRAWING CODE NUMBER		MODEL NAME NSB83-H400-MX75		PARTS NAME	