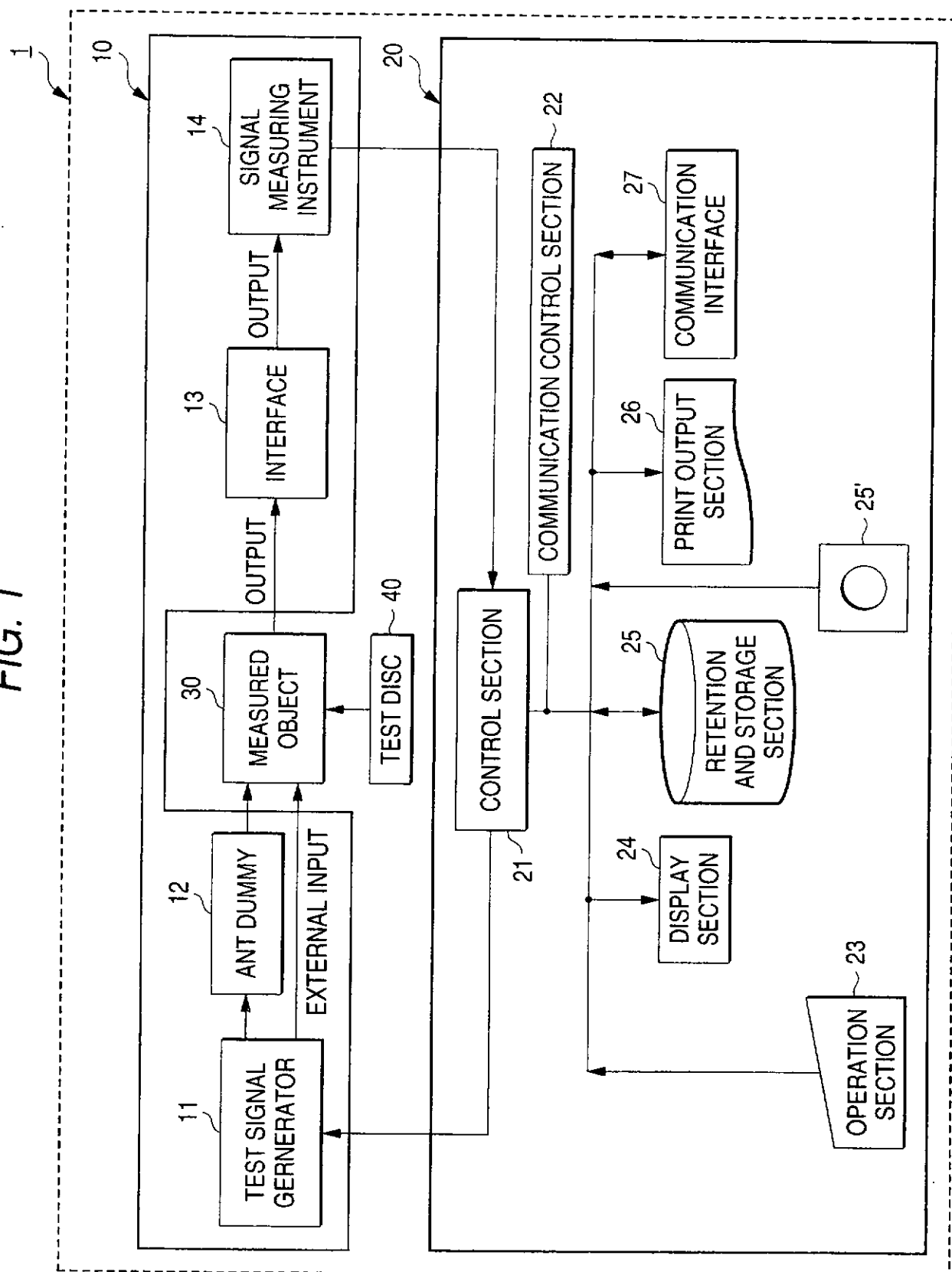


FIG. 1



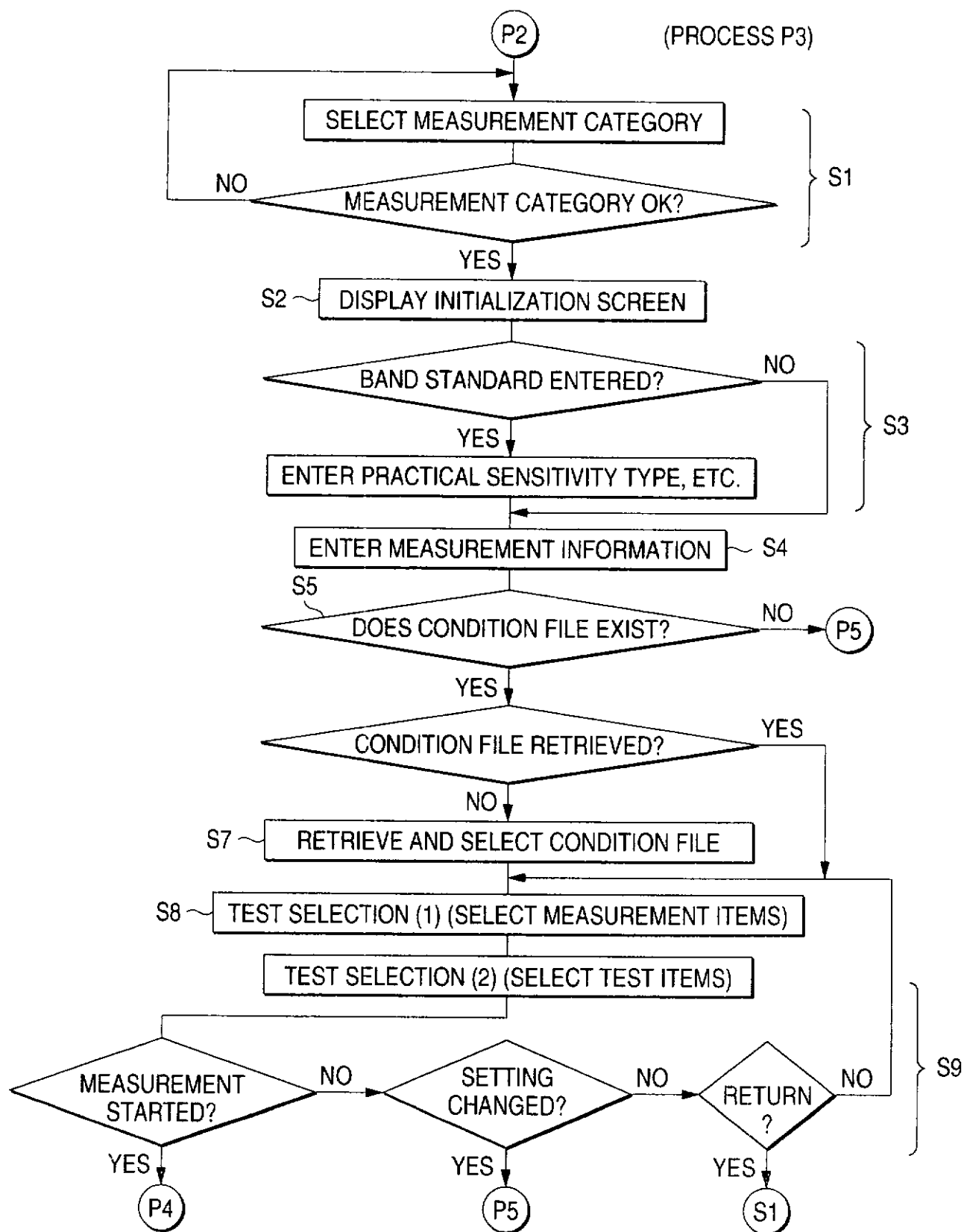
```

graph TD
    START([START]) --> P1[START]
    P1 --> P2[/CONNECT MEASURED OBJECT/]
    P2 --> P3{INITIAL  
CONDITION UNREGISTERED  
?}
    P3 -- YES --> P3
    P3 -- NO --> P4[SELECT AND SET  
INITIAL CONDITION]
    P4 --> P5[EXECUTE AUTOMATIC  
MEASUREMENT AND DISPLAY  
MEASUREMENT RESULT]
    P5 --> P6{INITIAL  
CONDITION CHANGED  
?}
    P6 -- YES --> P7[CHANGE OR REGISTER  
SETUP CONDITION]
    P7 --> P5
    P6 -- NO --> P8{END  
OF MEASUREMENT  
?}
    P8 -- YES --> P9[SAVE, PRINT OUT, ETC.,  
MEASUREMENT RESULT]
    P9 --> END([END])
    P8 -- NO --> P5

```

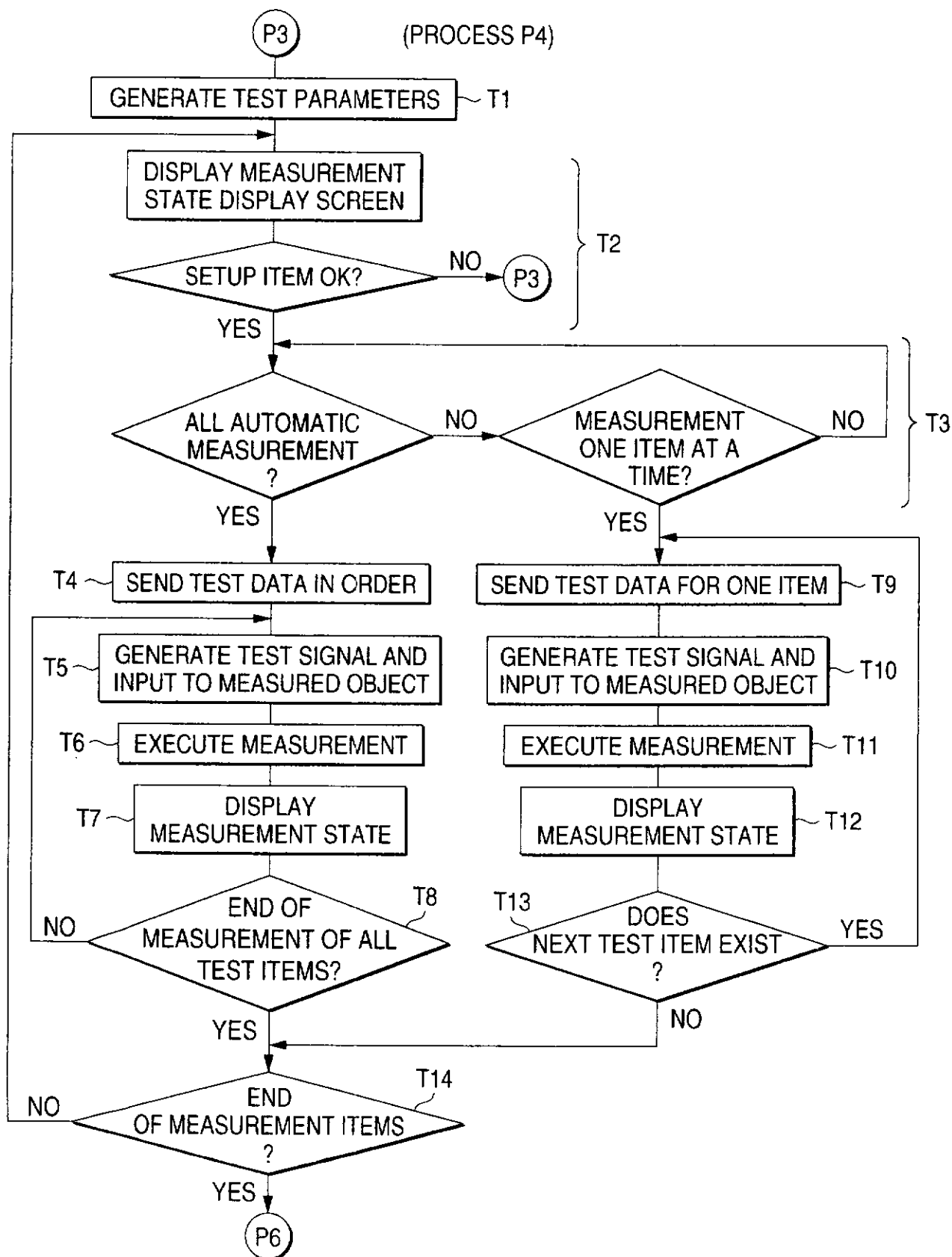
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FIG. 3



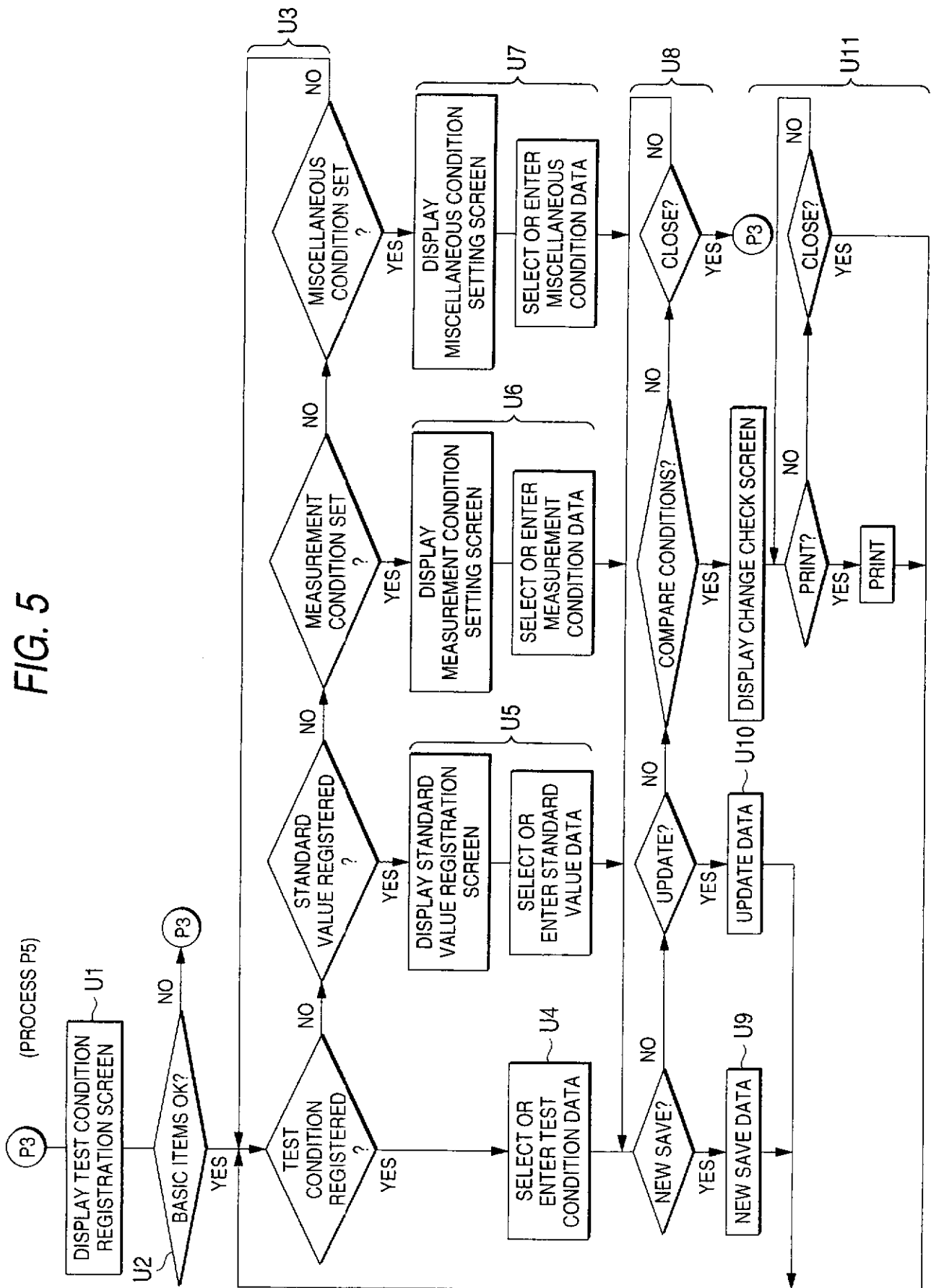
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FIG. 4



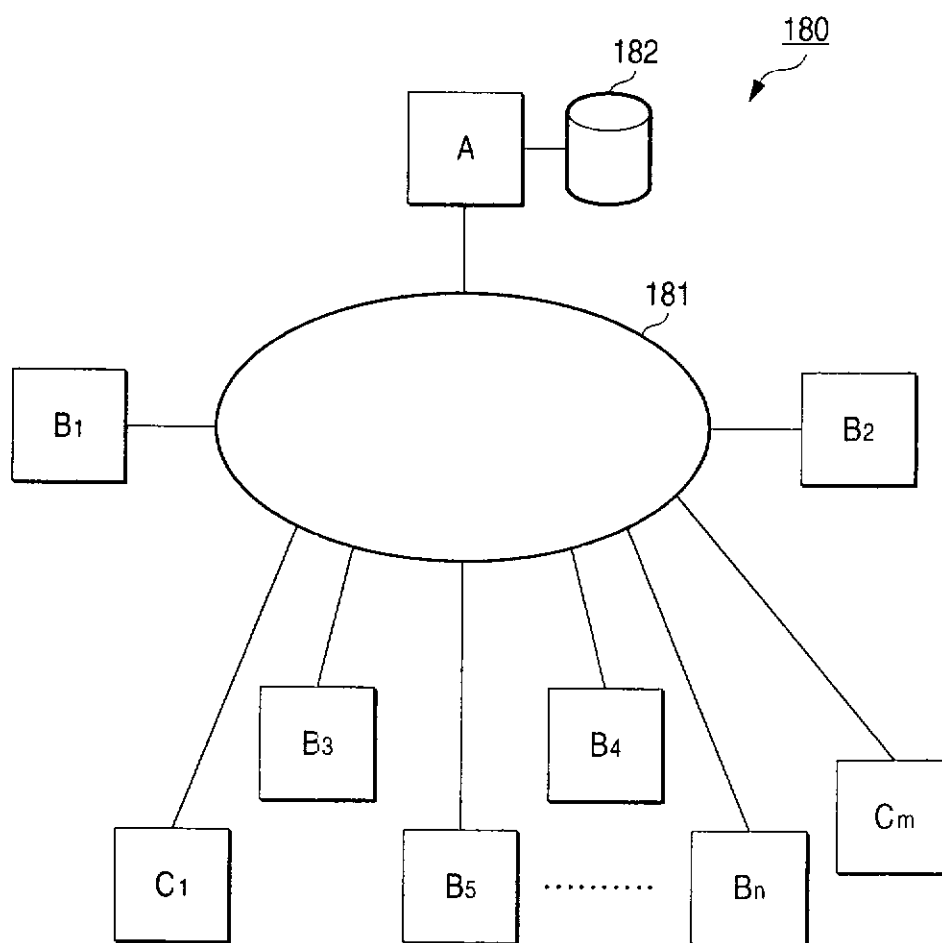
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FIG. 5



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FIG. 6



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FIG. 7

70

	DOMESTIC				NORTH AMERICA				EUROPE				GENERAL EXPORT			
	SW	LW	MW	FM			MW	FM		LW	MW	FM	SW		MW	FM
A				FM				FM								
B			MW	FM			MW	FM		LW	MW	FM			MW	FM
C			MW	FM			MW	FM		LW	MW	FM	SW	LW	MW	FM
D			MW	FM			MW	FM		LW	MW	FM	SW	LW	MW	FM
E			MW	FM			MW	FM							MW	FM
F			MW	FM											MW	FM
G			MW	FM			MW	FM							MW	FM
H			MW	FM			MW	FM							MW	FM
I	SW	LW	MW	FM	SW	LW	MW	FM	WB	SW	LW	MW	FM	SW	LW	FM
J							MW	FM			LW	MW	FM			
K							MW	FM	WB		LW	MW	FM		MW	FM
L											LW	MW	FM			
M											LW	MW	FM			
N							MW	FM			LW	MW	FM			
CLICK ON BAND TO BE MEASURED WITH LEFT BUTTON OF MOUSE, THEN CLICK ON MEASUREMENT BUTTON WITH LEFT BUTTON OF MOUSE.																
													MEASUREMENT		CLOSE	

74

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FIG. 8

80

81 MEASUREMENT CATEGORY

MANUFACTURER ▼

DESTINATION ▼

BAND ▼

ANTENNA ▼

FM STANDARD VALUE ☒ A ☐ B ☐ C

PRACTICAL SENSITIVE TYPE

83 MEASUREMENT INFORMATION

MODEL NAME

PROTOTYPING

STAGE

SERIAL NO.

LOT NO.

COMMENT

CREATED BY:

86 TEST SELECTION

87

89A START MEASUREMENT

89B CHANGE SETTING

89C CLOSE

88

85

84

82

SETUP ITEMS

☐ INSPECTION

☐ PERFORMANCE

☐ CROSS MODULATION

☐ TWO-SIGNAL SUPPRESSION/INTERFERENCE

☐ ELECTRIC FIDELITY (f CHARACTERISTIC)

☐ MANUFACTURER DATA FORMAT

TEST ITEMS

☐ HIGHEST SENSITIVITY

☐ PRACTICAL SENSITIVITY

☐ VIDEO-TO-INTERFERENCE RATIO

☐ INTERMEDIATE FREQUENCY-TO-INTERFERENCE RATIO

☐ SELECTIVITY

☐ PASS BAND

☐ ACG CHARACTERISTIC

☐ EXCESSIVE INPUT

☐ OVERMODULATION

☐ DISTORTION

☐ FREQUENCY CHARACTERISTIC

☐ MAXIMUM OUTPUT

☐ PRACTICAL MAXIMUM OUTPUT

☐ AUTOMATIC STOP SENSITIVITY

☐ S/N RATIO

☐ LEVEL DIFFERENCE

☐ NOISE CONVERGENCE POINT

ALL ON ALL OFF ALL ON ALL OFF

CONDITION FILE

MASTER RETRIEVAL

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FIG. 9

80

90

MANUFACTURER DESTINATION BAND RETRIEVE

91 92 93 94

CONDITION FILE NAME	MEASURED BY	MEASUREMENT DATE	COMMENT
DRX740Z	YAMADA	1999/01 ...	MASTER
MPS740Z	TANAKA	1999/02 ...	
DPH740Z	SUZUKI	1999/12 ...	

95

SELECT DELETE CLOSE

96 97

ST SELECTION

SETUP ITEMS

INSPECTION
PERFORMANCE
CROSS MODULATION
TWO-SIGNAL
SUPPRESSION/
INTERFERENCE
ELECTRIC FIDELITY
(f CHARACTERISTIC)
MANUFACTURER
DATA FORMAT

TEST ITEMS

☐ HIGHEST SENSITIVITY
☐ PRACTICAL SENSITIVITY
☐ VIDEO-TO-
INTERFERENCE RATIO
☐ INTERMEDIATE
FREQUENCY-TO-
INTERFERENCE RATIO
☐ SELECTIVITY
☐ PASS BAND
☐ ACG CHARACTERISTIC
☐ EXCESSIVE INPUT
☐ OVERMODULATION
DISTORTION
☐ FREQUENCY
CHARACTERISTIC
☐ MAXIMUM OUTPUT
☐ PRACTICAL MAXIMUM
OUTPUT
☐ AUTOMATIC STOP
SENSITIVITY
☐ S/N RATIO
☐ LEVEL DIFFERENCE
☐ NOISE CONVERGENCE
POINT

ALL ON ALL OFF

START MEASURE-
MENT

CHANGE
SETTING

CLOSE

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FIG. 10

100

101

MANUFACTURER

DESTINATION

BAND

MEASUREMENT ITEM

TEST ITEM

MEASUREMENT FREQUENCY

MODULATION DEGREE

MODULATION FREQUENCY

INPUT LEVEL

AM MODULATION DEGREE

CONDITION FILE NAME

COMMENT

102

CURVE 1 CURVE 2 CURVE 3 CURVE 4 CURVE 5 CURVE 6 CURVE 7 CURVE 8 CURVE 9 ACCUMULATION

104A

STANDARD

MEASUREMENT VALUE

MEASUREMENT DATA

INPUT DATA

104B

104C

CHANGE MODULATION DEGREE

0

105

AUTO

106 107 108 109

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FIG. 11

110

MANUFACTURER

DESTINATION

BAND

MEASUREMENT ITEM

TEST ITEM

MEASUREMENT FREQUENCY

MODULATION DEGREE

MODULATION FREQUENCY

INPUT LEVEL

AM MODULATION DEGREE

CONDITION

FILE NAME

COMMENT

CURVE 1

CURVE 2

CURVE 3

CURVE 4

CURVE 5

CURVE 6

CURVE 7

CURVE 8

CURVE 9

ACCUMULATION

[15-16] AM TWO-SIGNAL SUPPRESSION - 1

UNIT: FD-1134kHz, 1kHz30%Mod.60dB
NO.: Pwd-1422kHz.CW
DATE:

LEVEL (dB)

5
0
-5
-10
-15
-20
-25

70 80 90 100 110 120 130

1422kHz INTERFERENCE STRENGTH [dBμ]

STANDARD

MEASURE-
MENT VALUE

DETERMI-
NATION VALUE

MEASURE-
MENT DATA

INPUT
DATA

CHANGE MODULATION DEGREE

0

▲

▼

OK (ENTER)

AUTO

FAIL STOP

STEP

CANCEL

12/17

FIG. 12

120

121

123A

123B

123C

124

125

126

127

128

129

122

DATA

BASIC ITEMS

MODEL NAME

CONDITION FILE NAME

MANUFACTURER A

DESTINATION DOMESTIC

BAND FM

PROTOTYPING STAGE DESIGN PROTOTYPE

SERIAL NO.

LOT NO.

COMMENT

CREATED BY:

CONDITION FILE NAME

CREATED BY

YAMADA

TANAKA

SUZUKI

TEST CONDITION

STANDARD VALUE LIST

MEASUREMENT CONDITION

MEASUREMENT ITEMS (RUN DATA SELECTION)

☒ INSPECTION

☒ PERFORMANCE

☒ CROSS MODULATION

☒ TWO-SIGNAL SUPPRESSION/INTERFERENCE

☒ ELECTRIC FIDELITY (f CHARACTERISTIC)

☒ MANUFACTURER DATA FORMAT

TEST ITEMS

MISCELLANEOUS

ALL ON **ALL OFF**

☒ HIGHEST SENSITIVITY

☒ PRACTICAL SENSITIVITY

☒ VIDEO-TO-INTERMEDIATE

☒ INTERFERENCE RATIO

☒ FREQUENCY-TO-INTERFERENCE RATIO

☒ SELECTIVITY

☒ PASS BAND

☒ ACG CHARACTERISTIC

MEASUREMENT FREQUENCY

①

②

③

④

⑤

UNITS KHz

FM

ITEM

HIGHEST SENSITIVITY

UNITS dBμ

STANDARD VALUE

STANDARD VALUE TYPE

☐ NONE

☐ TYPE A

☐ TYPE B

☐ TYPE C

☐ TYPE D

UNITS

MODULATION FREQUENCY

UNITS Hz

MODULATION DEGREE

UNITS X

INPUT LEVEL (AUTOMATIC VARIABLE)

UNITS dBμ

STEP

MEASUREMENT FREQUENCY

①

②

③

④

⑤

UNITS KHz

NEW SAVE DATA

UPDATE

COMPARE CONDITIONS

CLOSE

FIG. 13

DATA	
BASIC ITEMS	
MODEL NAME	
CONDITION FILE NAME	
MANUFACTURER	A ▼
DESTINATION	DOMESTIC ▼
BAND	FM ▼
PROTOTYPING STAGE	DESIGN PROTOTYPE ▼
SERIAL NO.	
LOT NO.	
COMMENT	
CREATED BY:	

CONDITION FILE NAME	CREATED BY
DRX740Z	YAMADA
MPS740Z	TANAKA
DPH740Z	SUZUKI

TEST CONDITION	STANDARD VALUE LIST	MEASUREMENT CONDITION
FM		
ITEM	UNITS	STANDARD VALUE
RECEPTION FREQUENCY RANGE	MHz	
INTERMEDIATE FREQUENCY	MHz	
HIGHEST SENSITIVITY	dBμ	
PRACTICAL SENSITIVITY	dBμ	
NOMITTER	dB	
FREQUENCY CHARACTERISTIC	dB	
SEPARATION DEGREE	dB	
AUTOMATIC STOP SENSITIVITY	dBμ	
S/N	dB	
NOISE CONVERGENCE POINT	dB	
CAPTURE RATIO	dB	

NEW SAVE DATA

UPDATE

COMPARE CONDITIONS

CLOSE

136

137

138

139

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FIG. 14

140

DATA		TEST CONDITION	STANDARD VALUE LIST	MEASUREMENT CONDITION
BASIC ITEMS MODEL NAME CONDITION FILE NAME MANUFACTURER DESTINATION BAND PROTOTYPING STAGE SERIAL NO. LOT NO. COMMENT CREATED BY:		POWER SUPPLY VOLTAGE ☒ 12V ☐ 24V ANT DUMMY 50Ω LOAD RESISTANCE ☒ OUTPUT LOAD ☐ AUX LOAD INPUT ☒ STRAIGHT ☐ FLAT LAMP ☐ SPEAKER VOLUME CONTROL INPUT LEVEL OUTPUT LEVEL		
CONDITION FILE NAME DRX740Z MPS740Z DPH740Z		SELECT FROM AMONG 50Ω, 75Ω, 80Ω, TWO SIGNALS AND THREE SIGNALS OUTPUT LOAD: SELECT FROM AMONG 2, 4, 8 AND OPEN AUX LOAD: SELECT FROM 300 AND 10KOPEN		
YAMADA TANAKA SUZUKI		NEW SAVE DATA UPDATE COMPARE CONDITIONS CLOSE		

149

148

147

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FIG. 15

150

DATA

BASIC ITEMS

MODEL NAME

CONDITION FILE NAME

MANUFACTURER

DESTINATION

BAND

PROTOTYPING STAGE

SERIAL NO.

LOT NO.

COMMENT

CREATED BY:

CONDITION FILE NAME

CREATED BY

DRX740Z

MPS740Z

DPH740Z

YAMADA

TANAKA

SUZUKI

TEST CONDITION

VALUE LIST

MEASUREMENT CONDITION

MEASUREMENT ITEMS
(RUN DATA SELECTION)

☒ INSPECTION

☒ PERFORMANCE

☒ CROSS MODULATION

☒ TWO-SIGNAL SUPPRESSION/INTERFERENCE

☒ ELECTRIC FIDELITY (f CHARACTERISTIC)

☒ MANUFACTURER DATA FORMAT

TEST ITEMS

ALL ON

ALL OFF

☒ HIGHEST SENSITIVITY

☒ PRACTICAL SENSITIVITY

☒ VIDEO-TO-INTERMEDIATE

☒ INTERFERENCE RATIO

☒ FREQUENCY-TO-INTERFERENCE RATIO

☒ SELECTIVITY

☒ PASS BAND

☒ ACG CHARACTERISTIC

MEASUREMENT FREQUENCY

①

②

③

④

⑤

UNITS

KHz

TEST ITEMS

MISCELLANEOUS

DETERMINATION METHOD

ALLOWABLE RANGE

ADJUST

SLEEP TIME

FILTER

TOP

BOTTOM

LPF

HPF

PSOPHO

☒ OFF

☒ 100Hz

☒ 200Hz

☒ OFF

☒ 15KHz

☒ 20KHz

☒ 80Hz

☒ OPTION

☒ OFF

☒ 1EC-A

☒ DIN AUDIO

☒ CCIR ARM

☒ OPTION

UNITS

mg

NEW SAVE DATA

UPDATE

COMPARE CONDITIONS

CLOSE

159

158

157

156

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FIG. 16

160

COMPARISON SOURCE

COMPARISON DESTINATION

DRX740Z

DPH740Z

PRINT

CLOSE

161

162

163

164

165

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FIG. 17

170

171

173

MEASUREMENT DATA

MANUFACTURER — DESTINATION — BAND — MEASUREMENT ITEM —

A ▼ DOMESTIC ▼ FM ▼ INSPECTION ▼

RETRIEVE 172

CONDITION FILE NAME	PROTOTYPING STAGE	NO.	MEASURED BY	MEASUREMENT DATE	COMMENT
DRX740Z	DESIGN PROTOCOL	1	YAMADA	1999/08/20	
MPS740Z	MODEL PROTOCOL	2	SUZUKI	1999/08/20	
DPH740Z	FINAL PROTOCOL	3	YAMAMOTO	1999/08/20	

174 PREVIEW 175 EDIT 176 DELETE 177 CLOSE