

DATA OF CARRIER FREQUENCY SEPARATION (CONDUCTED)

UL Apex Co., Ltd.
Head Office EMC Lab. No.2 Semi Anechoic Chamber

COMPANY : DENSO WAVE INCORPORATED
EQUIPMENT : BARCODE HANDY TERMINAL
MODEL : BHT-8000DB
S/ N : 5496310204300008
FCC ID : PZWBHT8000
IC Number : 1551C-BHT8000
POWER : DC 3V
MODE : Tx (Hopping on) / Inquiry

REPORT NO. : 23IE0032-HO - 1
REGULATION : Fcc Part15 Subpart C 15.247(a)(1)
TEST DISTANCE : -
DATE : 05/17/2003
TEMPERATURE : 26°C
HUMIDITY : 51%

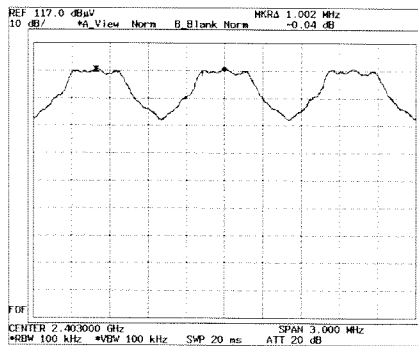
Y. Iwasa

Engineer : Yoshiaki Iwasa

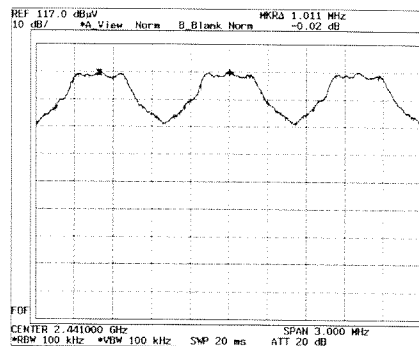
PK DETECT(S/A :span 3MHz, RBW 100kHz,VBW 100kHz, sweep time AUTO)

CH	FREQ [MHz]	Channel separation [kHz]	Limit
Low	2402.0	1002.000	>20dB Bandwidth and 25[kHz]
Mid	2441.0	1011.000	>20dB Bandwidth and 25[kHz]
High	2480.0	996.000	>20dB Bandwidth and 25[kHz]
Inquiry	2441.0	2005.000	>20dB Bandwidth and 25[kHz]

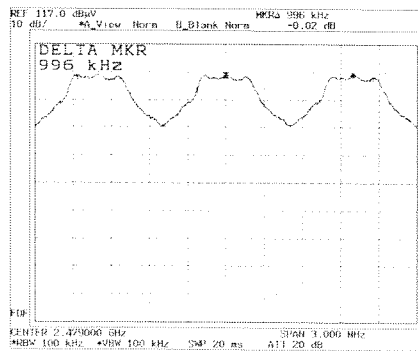
2402MHz



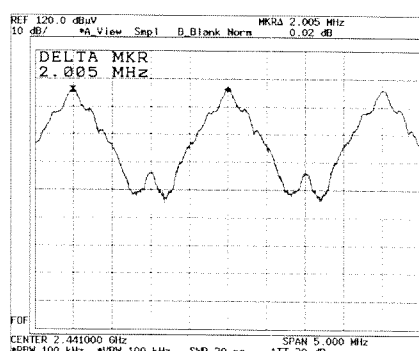
2441MHz



2480MHz



Inquiry



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Telephone : +81 596 24 8116
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DATA OF -20dB BANDWIDTH (CONDUCTED)

UL Apex Co., Ltd.
Head Office EMC Lab. No.2 Semi Anechoic Chamber

COMPANY : DENSO WAVE INCORPORATED
EQUIPMENT : BARCODE HANDY TERMINAL
MODEL : BHT-8000DB
S/ N : 5496310204300008
FCC ID : PZWBHT8000
IC Number : 1551C-BHT8000
POWER : DC 3V
MODE : Tx (Hopping off) /Inquiry

REPORT NO. : 23IE0032-HO- 1
REGULATION : Fcc Part15 Subpart C 15.247(a)(1)
TEST DISTANCE : -
DATE : 05/17/2003
TEMPERATURE : 26°C
HUMIDITY : 51%

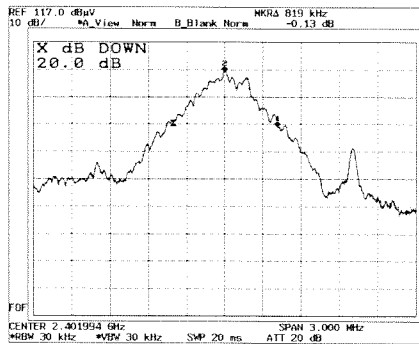
Y. Iwasa

Engineer : Yoshiaki Iwasa

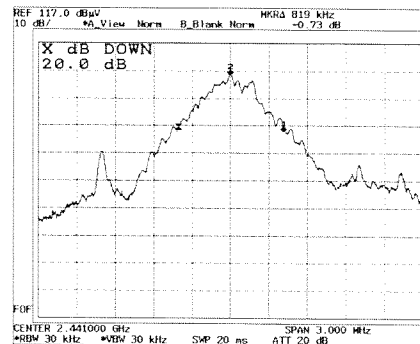
PK DETECT(S/A: span 3MHz, RBW 30kHz, VBW 30kHz, sweep time AUTO)

CH	FREQ [MHz]	-20dB Bandwidth [MHz]	Limit [MHz]
Low	2402.0	0.819	1.0
Mid	2441.0	0.819	1.0
High	2480.0	0.816	1.0
Inquiry	2441.0	0.681	1.0

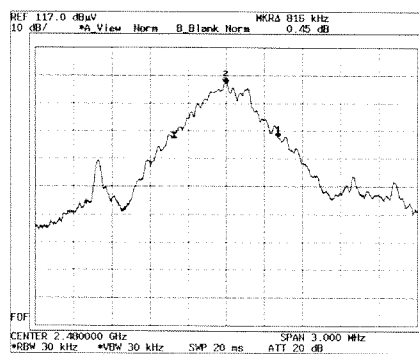
2402MHz



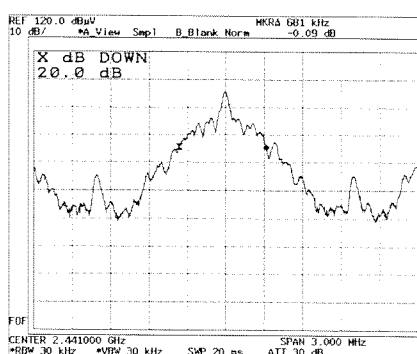
2441MHz



2480MHz



Inquiry



DATA OF NUMBER OF HOPPING FREQUENCY (CONDUCTED)

UL Apex Co., Ltd.
 Head Office EMC Lab. No.2 Semi Anechoic Chamber

COMPANY : DENSO WAVE INCORPORATED
 EQUIPMENT : BARCODE HANDY TERMINAL
 MODEL : BHT-8000DB
 S/ N : 5496310204300008
 FCC ID : PZWBHT8000
 IC Number : 1551C-BHT8000
 POWER : DC 3V
 MODE : Tx (Hopping on) / Inquiry

REPORT NO : 23IE0032-HO-1
 REGULATION : Fcc Part15 Subpart C 15.247(a)(1)
 TEST DISTANCE : -
 DATE : 05/17/2003
 TEMPERATURE : 26°C
 HUMIDITY : 51%

Y. Iwasa

Engineer : Yoshiaki Iwasa

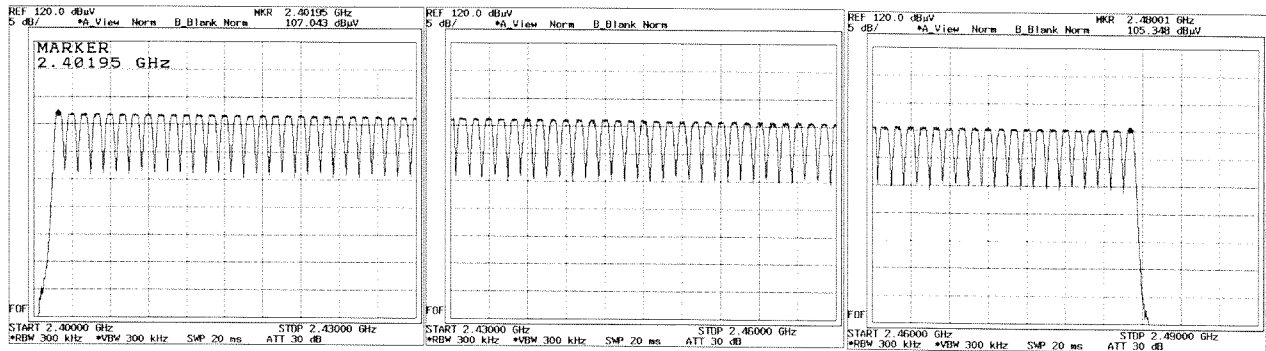
PK DETECT(S/A : RBW 300kHz ,VBW 300kHz, sweep time AUTO)

Mode	Number of channel [time]	Limit [time]
Tx(Hoppng on)	79	≥ 15

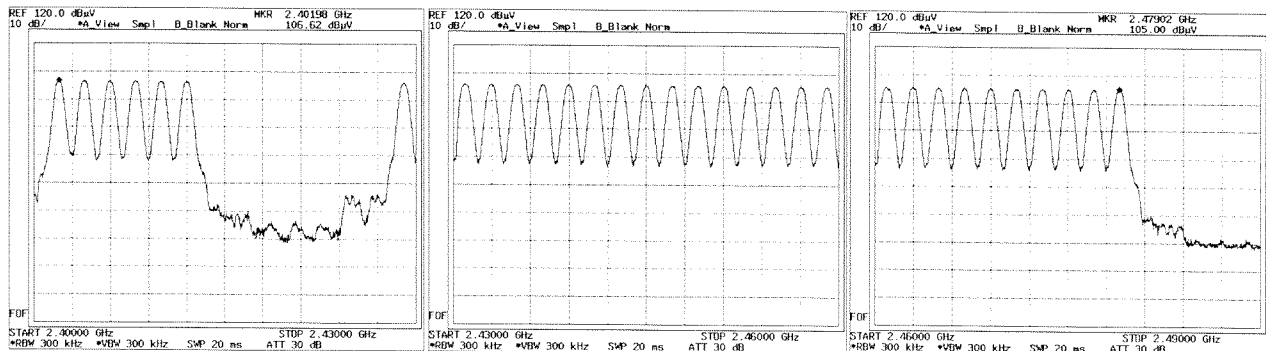
PK DETECT(S/A : RBW 300kHz ,VBW 300kHz, sweep time AUTO)

Mode	Number of channel [time]	Limit [time]
Inquiry	32	≥ 15

Hopping on



Inquiry



DATA OF DWELL TIME (CONDUCTED)

UL Apex Co., Ltd.
Head Office EMC Lab. No.2 Semi Anechoic Chamber

COMPANY : DENSO WAVE INCORPORATED	REPORT NO : 23IE0032-HO- 1
EQUIPMENT : BARCODE HANDY TERMINAL	REGULATION : Fcc Part15 Subpart C 15.247(a)(1)(iii)
MODEL : BHT-8000DB	TEST DISTANCE : -
S/N : 5496310204300008	DATE : 05/17/2003
FCC ID : PZWBHT8000	TEMPERATURE : 26°C
IC Number : 1551C-BHT8000	HUMIDITY : 51%
POWER : DC 3V	
MODE : Tx (Hopping on) / Inquiry	

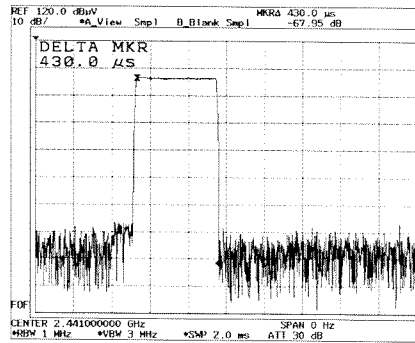
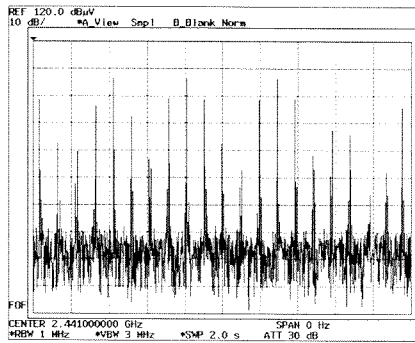
Y. Iwasa

Engineer : Yoshiaki Iwasa

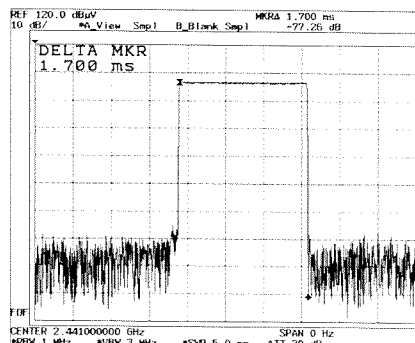
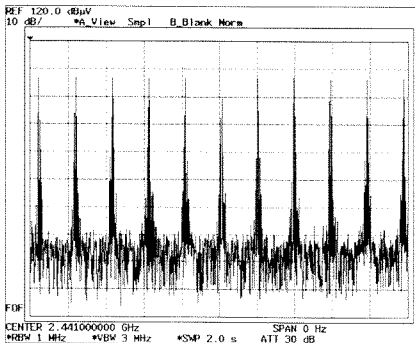
PK DETECT (S/A :span ZERO, RBW 1MHz ,VBW 3MHz, sweep time 0.5ms-100ms)

Mode	Number of transmission in a 31.6(79 Hopping x 0.4) / 12.8(32 Hopping x 0.4)second period	Length of transmission time [msec]	Result [msec]	Limit [msec]
DH1	21 times / 2 sec. x 31.6 = 332 times	0.430	142.67	400
DH3	11 times / 2 sec. x 31.6 = 174 times	1.700	295.46	400
DH5	17 times / 5 sec. x 31.6 = 107 times	2.940	315.87	400
Inquiry	43 times / 1 sec. x 12.8 = 550 times	0.136	74.58	400

DH1

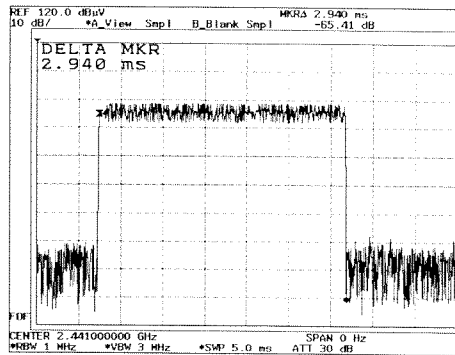
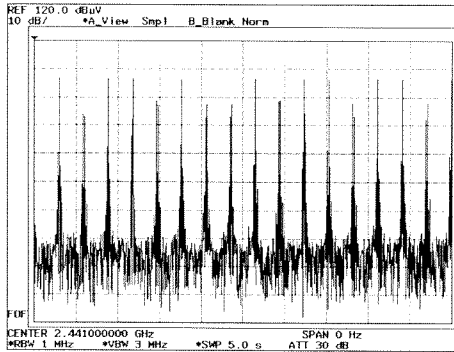


DH3

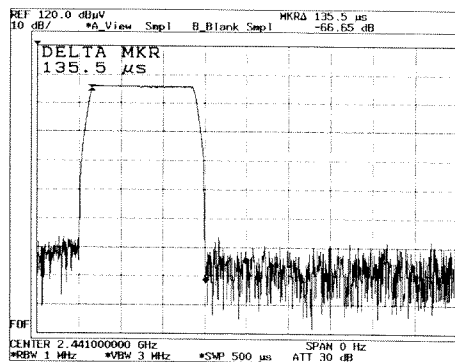
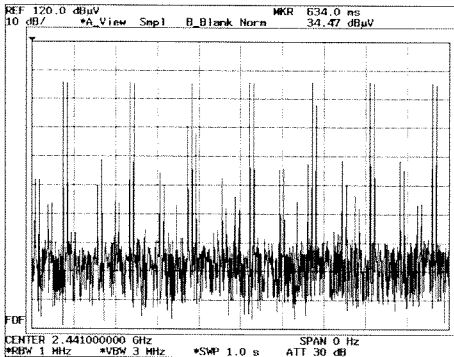


DATA OF DWELL TIME (Conducted)

DH5



Inquiry



DATA OF PEAK OUTPUT POWER(CONDUCTED)

UL Apex Co., Ltd.
Head Office EMC Lab. No.2 Semi Anechoic Chamber

COMPANY : DENSO WAVE INCORPORATED
EQUIPMENT : BARCODE HANDY TERMINAL
MODEL : BHT-8000DB
S/ N : 5496310204300008
FCC ID : PZWBHT8000
IC Number : 1551C-BHT8000
POWER : DC 3V
MODE : Tx (Hopping off) / Inquiry

REPORT NO : 23IE0032-HO-1
REGULATION : Fcc Part15 Subpart C 15.247(b)(1)
TEST DISTANCE : -
DATE : 05/17/2003
TEMPERATURE : 26°C
HUMIDITY : 51%

Y. Iwasa

Engineer : Yoshiaki Iwasa

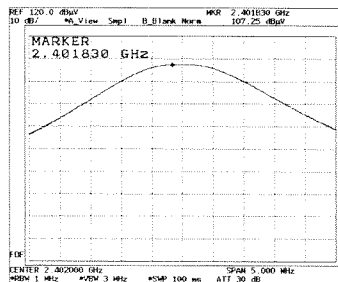
(SPAN: 5MHz , RBW: 1MHz , VBW: 3MHz , Sweep: AUTO)

CH	FREQ [MHz]	S/A Reading [dBuV]	Cable loss [dB]	Result [dBm]	Limit (1W) [dBuV]	Margin [dBm]
Low	2402.0	107.3	1.1	1.3	30.0	28.7
Mid	2441.0	106.4	1.1	0.5	30.0	29.5
High	2480.0	105.7	1.1	-0.2	30.0	30.2
Inquiry	2441.0	105.8	1.1	-0.1	21.0	21.1

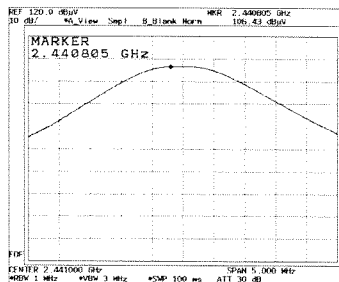
Sample Calculation:

Result=S/A Reading + Cable Loss

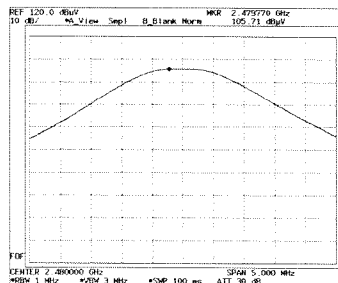
Tx: 2402MHz



Tx: 2441MHz



Tx: 2480MHz



Inquiry

