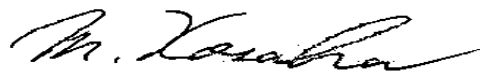


Peak Out Put Power(Radiated)

A-PEX INTERNATIONAL CO., LTD.
YOKOWA NO.3 OPEN SITE

COMPANY : SHARP Corporation
EQUIPMENT : Cordless Handset
MODEL : UX-CL220K
Sample No. : No.1
FCC ID : APYHRO00023
POWER : DC 3.6V
Mode : Transmitting

REPORT NO : 22DE0045-YW
REGULATION : Fcc Part15SubpartC 247(b)(1)
TEST DISTANCE : 3m
DATE : 2001/11/16
Temperature : 20degrees centigrade
Humidity : 40%



ENGINEER : Makoto Kosaka

PK DETECT(S/A : RBW 3MHz and VBW 3MHz)/ EUT position Y axis

Ch	FREQ [GHz]	S/A READING		All Factor [dB]	E1		E		Limit 1W [mW]	Result	
		HOR	VER		HOR	VER	HOR	VER		HOR	VER
		[dBuV]			[dBuV/m]		[V/m]			[mW]	
Low(ch1)	2.4048	108.1	111.8	-4.46	103.6	107.3	0.1514	0.2317	1000.0	3.39	7.94
Mid(ch20)	2.4390	109.9	113.8	-4.46	105.4	109.3	0.1862	0.6237	1000.0	5.12	12.59
High(ch40)	2.4750	105.5	113.4	-4.46	101.0	108.9	0.1122	0.2786	1000.0	1.86	11.47

Sample Calculation :

All Factor = ANT Factor - Amp Gain + CABLE LOSS+Duty Cycle.

Low (2404.8MHz): ANT Factor (31.4dB) - Amp Gain (34.5) + Cable Loss(5.2dB)+Duty Cycle(-6.558)

Mid (2439.0MHz): ANT Factor (31.4dB) - Amp Gain (34.5) + Cable Loss(5.2dB)+Duty Cycle(-6.558)

High (2475.0MHz): ANT Factor (31.5dB) - Amp Gain (34.5) + Cable Loss(5.2dB)+Duty Cycle(-6.558)

$$P = (E \cdot d)^2 / (30 \cdot G)$$

E1: S/A Reading + All Factor

E is the measured maximum field strength in V/m utilizing the maximum hold mode RBW (3MHz)

d is the distance in meters from which the field strength was measured (3.0m)

G is a numeric gain (2.03)