

DATA OF PEAK OUTPUT POWER(CONDUCTED)

UL Apex Co., Ltd.

Head Office EMC Lab. No.3 Measurement room

Company : Sony Corp.
Equipment : Notebook Personal Computer
Model : PCG-492L
Sample No. : DVT26
Power : AC120V/60Hz
Mode : Transmitting (IEEE 802.11g) Burst Frame mode
: OFDM, QPSK, 18Mbps
FCC ID : AK8PCG492L
IC No. : 409B-PCG492L

REPORT NO : 23LE0006-HO
REGULATION : Fcc Part15 Subpart C 15.247(b)(3)
TEST DISTANCE : -
DATE : 07/16/2003
TEMPERATURE : 25deg.C
HUMIDITY : 58%



ENGINEER : Hiroka Umeyama

Main Antenna

ch	FREQ [MHz]	P/M (PK) Reading [dBm]	Cable Loss [dB]	ATTEN. [dB]	Result [dBm]	Limit (1W) [dBm]	Margin [dB]
Low(1)	2412.0	10.00	0.8	10.0	20.8	30.0	9.2
Mid(6)	2437.0	11.10	0.9	10.0	22.0	30.0	8.0
High(11)	2462.0	10.50	1.0	10.0	21.5	30.0	8.5

Main Antenna

ch	FREQ [MHz]	P/M (AV) Reading [dBm]	Cable Loss [dB]	ATTEN. [dB]	Result [dBm]
Low(1)	2412.0	3.40	0.8	10.0	14.2
Mid(6)	2437.0	4.16	0.9	10.0	15.1
High(11)	2462.0	2.00	1.0	10.0	13.0

Sub Antenna

ch	FREQ [MHz]	P/M (PK) Reading [dBm]	Cable Loss [dB]	ATTEN. [dB]	Result [dBm]	Limit (1W) [dBm]	Margin [dB]
Low(1)	2412.0	10.30	0.8	10.0	21.1	30.0	8.9
Mid(6)	2437.0	10.50	0.9	10.0	21.4	30.0	8.6
High(11)	2462.0	10.40	0.9	10.0	21.3	30.0	8.7

Sub Antenna

ch	FREQ [MHz]	P/M (AV) Reading [dBm]	Cable Loss [dB]	ATTEN. [dB]	Result [dBm]
Low(1)	2412.0	3.41	0.8	10.0	14.2
Mid(6)	2437.0	4.91	0.9	10.0	15.8
High(11)	2462.0	2.87	0.9	10.0	13.8

Sample Calculation:

Result = Reading + (Cable+ATTEN.)Loss